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**PEARSONFILE COMPUTER TAPE OF COPPER  
DEPOSITS AND OCCURRENCES IN THE  
NORTH SHORE REGION OF LAKE HURON, ONTARIO**

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Canada

1985

COPPER DEPOSITS WITH PRODUCTION AND/OR RESERVE DATA

APPENDIX 1 -- PAGE 1

41-17

HALLAM  
CU(2)

41/I/04 46 13 08 081 52 46 HALLAM TP/ LOT 7 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009061) NMI NUMBER (041/I/04/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (BRECCIA ZONE IN GREYWACKE & QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP 1977 FIELD DATA)  
COMMENTS (ZONE 100 FT LONG/3 FT WIDE TO A KNOWN DEPTH OF  
120 FT/ AVG GRADE 3% CU)

RESERVE: 1968 3,265 TONNES 3.000% CU  
COMMENTS (CALCULATED FROM MRC 12 DATA)  
REFERENCE (ODM MRC 12/ PG 247)

MAP(S) (GEOL P668 ODM/GEOL 2361 ODM)

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/ ODM RESIDENT GEOLOGIST FILES/ SUDBURY  
---- 1968  
/ NORTHERN MINER/ FEB 8 & MAR 14 1968  
SHKLANKA, R. 1968  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 247

41-18

OWENS (MONGOWIN)  
NI(2) CU(2) FE(8) AU(8)

41/I/04 46 11 06 081 47 55 MONGOWIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009022) NMI NUMBER (041/I/04/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEMINATED & MASSIVE SULPHIDES IN PERIDOTITE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE/MAGNETITE)  
GANGUE (OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 131/PG 48-49/WNP FIELD)  
COMMENTS (DISSEM & MASSIVE SFLDS IN PERIDOTITE/UNUSUAL  
COLLOFORM MAGNETITE)

RESERVE: 1976 90,718 TONNES 0.270% CU  
0.530% NI  
COMMENTS (DRILL INDICATED)  
REFERENCE (1976 NM FEB 5)

MAP(S) (GEOL 2361 ODM/GEOL 2312 ODM)

CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 48/ \*AC\*  
PEARSON, W.N. 1978  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 295/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 257/ \*I\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 98-99/ \*I\*  
MOORE, E.S. 1932  
A MAGNETITE VEIN OF ABNORMAL TYPE/ ECONOMIC  
GEOLOGY/ VOL 27 NO 4/ PG 387-390/ \*I\*

41-324

ALEXANDER  
CU(2)

41/I/05 46 16 38 081 58 38 MAY TP/ LOT 4 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008524) NMI NUMBER (041/J/08/CU/004)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SFLDS IN CHERTY QTZITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SFLD ZONE 95M LONG/AVG WIDTH 3M)

RESERVE: 1974 350,569 TONNES 0.880% CU  
REFERENCE (NMI/ 1974 NM AUG 15/ PG 8)

MAP(S) (GEOL P702 ODM/GEOL FIG46-6 B183)

----  
DEVON RESOURCES/ FINANCIAL POST SURVEY OF MINES  
1976/ PG 87  
---- 1974  
DEVON RESOURCES/ THE NORTHERN MINER/ AUGUST 15  
1974/ PG 8/ \*G\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 298-300/ \*AC\*

41-22

FALCONBRIDGE SHAKESPEARE (SUDBURY SHAKESPEARE)  
CU(2) NI(2) AU(8) V(8) PT(8) PD(8) RE(8)

41/I/05 46 21 02 081 49 48 SHAKESPEARE TP/LOT 1 & 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009051) NMI NUMBER (041/I/05/CU/011)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM & VEINLETS & BLEBS IN NIPissing METAGABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (WNP/ ODM GR 139/PG 42)

RESERVE: 1952 3,175,146 TONNES 0.400% CU  
0.340% NI  
COMMENTS (RANGE 3-4 MILLION TONS GIVEN)  
REFERENCE (ODM MRC 12/PG 264)

MAP(S) (GEOL P668 ODM/GEOL 2313 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 25-26  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 90  
SHKLANKA, R. 1969  
COPPER/NICKEL/LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 264  
CARD, K.D. 1976  
GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPT 139/ PG 42/ \*AC\*  
PEARSON, W.N. 1978  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 295-7 (& FIG 46-4)/  
\*AC\*

41-23

FENSOM (ELLA LAKE)  
ZN(2) CU(2)

41/I/05 46 18 12 081 32 22 LORNE TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/ ODM MAP 2062)  
CANMINDEX NUMBER (008656) NMI NUMBER (041/I/05/ZN/001)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (MASS & DISS SFLD/ FRACT-BRECC ZONE IN SUBGREYWACKE)

REMARKS (SEVERAL ZONES OCCUR OVER TOTAL WIDTH OF 200 FT & LENGTH OF 500 FT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (PECORS FORMATION)  
ORE MNRLS (SPHALERITE/PYRRHOTITE/CHALCOPYRITE/PYRITE)  
STRIKE (030) DIP (75)  
REL. TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 35/PG 38-40)  
COMMENTS (DEPOSIT 550FT LONG/SEVERAL ZONES ACROSS TOTAL WIDTH OF 200FT)

RESERVE: 1952 141,520 TONNES 0.300% CU  
5.170% ZN  
COMMENTS (AVG WIDTH 8.86 FT)  
REFERENCE (ODM MRC 12/ PG 254)  
RESERVE: 1952 44,452 TONNES  
4.800% ZN  
COMMENTS (NARROWER BODIES)  
REFERENCE (ODM MRC 12/ PG 254)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 253/ \*CG\*  
GINN, R. M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPT 35/ PG 38-40/ \*AC\*  
MOORE, E. S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 37/ \*1\*  
----  
1972  
THE NORTHERN MINER/ JAN 20 1972/ PG 5

41-27

NORANDA SHAKESPEARE  
CU(2) CO(7) PB(7) AG(7) ZN(7) AU(7)

41/I/05 46 20 33 081 49 47 SHAKESPEARE TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009078) NMI NUMBER (041/I/05/CU/035)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (PODS& STRINGERS IN ELONGATE ZONES IN CHERTY QTZITE)

REMARKS (ZONE 1900 FT LONG/ AVERAGE GRADE 0.97% CU OVER 10 FT)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE/GALENA)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
STRIKE (068) DIP (90)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 139/PG 41/ WNP FIELD)

RESERVE: 1956 344,730 TONNES 0.967% CU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOL 2313 ODM/GEOL 2361 ODM)

MOORE, E. S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 26-27  
THOMSON, J. E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 97  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 265  
CARD, K. D. 1976  
GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPT 139/ PG 41/ \*AC\*  
PEARSON, W. N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 300 (& FIGURE 46-10)/  
\*AC\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-21

SPANISH RIVER MINE (BRISMIL/ BALDWIN)  
CU(3) AU(3) AG(3)

41/I/05 46 21 42 081 45 27 BALDWIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009049) NMI NUMBER (041/I/05/CU/013)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (STRINGERS & DISSEM IN CHERTY QUARTZITE)

REMARKS (2 ZONES/ MAIN ZONE AND WESTERN ZONE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION/RAMSAY LAKE FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/CUBANITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SILICIFICATION)  
STRIKE (083) DIP (71)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA/NMI)

PRODUCTION: JUN/1969 TO SEP/1970 132,736 TONNES ORE  
1.200% CU 0.06G/T AU 1.306/T AG  
COMMENTS (GRADES CALC FROM PROD DATA)  
REFERENCE (ODM SMDR 000833)  
PRODUCTION: JUN/1969 TO SEP/1970 1,599 TONNES REFINED METAL  
99.000% CU  
REFERENCE (ODM SMDR 000833)  
PRODUCTION: 1969 TO 1970 132,736 TONNES ORE  
0.07G/T AU 1.27G/T AG  
COMMENTS (CALC GRADE)  
REFERENCE (ODM SMDR 000833)

RESERVE: 1968 992,757 TONNES 1.490% CU  
COMMENTS (WITHOUT DILUTION/ 2 ZONES)  
REFERENCE (ODM MRC 12/ PG 230)  
RESERVE: 1968 638,557 TONNES 1.580% CU  
COMMENTS (LENS/ IS PART OF MAIN ZONE)  
REFERENCE (ODM MRC 12/ PG 230)  
RESERVE: 1968 1.500% CU  
COMMENTS (WESTERN ZONE/ 1000 TONS/V. FT)  
REFERENCE (NM JULY 18/ 68/ PG 3)

MAP(S) (GEOL P668 ODM/GEOL 1952-1 ODM)

THOMSON, J. E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPORT/ VOL  
61 PT 4 1952/ PG 32/ \*A\*  
THOMSON, J. E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 91  
----  
1956  
/ CANADIAN MINING JOURNAL/ VOL 77 NO 11/ PG 174  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 230  
HANNILA, J. J.  
PETROGRAPHIC & MINEROGRAHIC STUDY OF SAMPLES  
FROM THE SPANISH RIVER MINE/ UNPUBL BSC THESIS/  
LAURENTIAN UNIVERSITY 1970  
----  
/ THE NORTHERN MINER/ DCT 4 1956  
PEARSON, W. N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 300-303/ \*AC\*

41-31

SULTANA  
NI(7) CU(7)

41/I/05 46 27 03 081 30 43 TRILL & DRURY TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (008658) NMI NUMBER (041/I/05/NI/005)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 34/PG 33)  
COMMENTS (MINERALIZED ZONE APPROX 1000FT LONG/HIGHLY IRREGULAR & DISCONTINUOUS)

MAP(S) (GEOL 2170 ODM/GEOL 2055 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

CARD, K.D. 1965  
GEOLOGY OF HYMAN & DRURY TOWNSHIPS/ ODM GEOL REPT  
34/ PG 33/ \*AC\*

41-33

TRILLABELLE (GILLESPIE)  
NI(7) CU(7) PT(7) SE(7) TE(7) CO(7) AU(7) AG(7)

41/1/05 46 29 46 081 32 20 TRILL TP/ LOTS 10 & 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008660) NMI NUMBER (041/1/05/NI/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-47

KIDD COPPER MINE (AER NICKEL)  
NI(3) CU(3) 3(3) PTM(8) AG(8) AU(8)

41/1/06 46 23 42 081 25 55 DENISON TP/ LOT 11-12/ CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (AER ZONE/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

REMARKS (4 ZONES IN OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)  
COMMENTS (PIPE-LIKE OREBODIES)

PRODUCTION: NOV/1966 TO 1968 208,905 TONNES  
0.420% CU 0.270% NI  
COMMENTS (PROD TO END OF 1967/CALC GRADE)  
REFERENCE (ODM MRC 12/ PG 241)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
----  
/CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*CG\*

41-47A

KIDD COPPER MINE-AER ZONE (ROBINSON MINE/ NO 1 SHAFT)  
NI(3) CU(3) CO(3) PTM(8) AU(8) AG(8)

41/1/06 46 23 42 081 25 55 DENISON TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

REMARKS (AER ZONE &amp; ROSEN ZONE TOGETHER REFERRED TO AS AER MINE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/

GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

RESERVE: 1968 451,545 TONNES 0.710% CU  
0.620% NI  
COMMENTS (10% DILUTION)  
REFERENCE (ODM MRC 12/ PG 241)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
----  
/CANADIAN MINES HANDBOOK 1966-1967/ PG 177

CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*C\*

41-47B

KIDD COPPER MINE-ROSEN ZONE (GESDORFFITE/ MACDONNELL)  
NI(3) CU(3) CO(3) PTM(8) AU(8) AG(8)

41/1/06 46 23 51 081 25 33 DENISON TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NO 2 SHAFT/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

RESERVE: 1968 249,076 TONNES 0.700% CU  
0.600% NI  
COMMENTS (APPROX GRADE)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
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1967  
/CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*C\*

41-47C

KIDD COPPER MINE-HOWLAND PIT  
NI(3) CU(3) CO(8) PTM(8) AU(8) AG(8)

41/1/06 46 23 35 081 26 14 DENISON TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

PRODUCTION: 1915 15,240 TONNES ORE  
2.000% CU 5.000% NI  
COMMENTS (AVG GRADE 6.7 TO 7% COMBINED)  
REFERENCE (NMI 41 1/6 NI 7)  
PRODUCTION: 1916 1,563 TONNES ORE  
2.100% CU 5.100% NI  
REFERENCE (NMI 41 1/6 NI 7)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
----  
/CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*C\*

41-35

CHICAGO MINE (TRAVERS MINE/ INEZ MINE)  
CU(3) NI(3)

41/1/06 46 26 00 081 27 51 DRURY TP/ LOT 3 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008360) NMI NUMBER (041/1/06/CU/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN BRECCIATED METAVOLC ROCKS)

REMARKS (500 FT FROM SW EDGE OF NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS/SUDBURY NICKEL IRRUPTIVE  
AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI/ODM GR 34/PG 33)  
COMMENTS (OCCURRENCE APPROX 500-600FT FROM SW EDGE OF  
SUDBURY IRRUPTIVE)

PRODUCTION: 1891 TO 1894 3,175 TONNES ORE  
COMMENTS (NO GRADE DATA)  
REFERENCE (NMI)

MAP(S) (GEOL 2055 ODM/GEOL 2170 ODM)

MOORE, F.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT 1929 PART 7/ VOL 38/ PG 36  
BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901 PART H/ VOL 14/ PG 35  
COLEMAN, A.P. 1905  
THE NORTHERN NICKEL RANGE/ ODM ANN REPT 1904 PART  
1/ VOL 13/ PG 194  
COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES PUB NO 170/  
PG 19 & 40 & 96 & 135  
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/ ODM ANN REPTS VOL 1 1891 PG 232/ VOL 2 1892 PG  
248/ VOL 3 1893 PG 189-190/ VOL 4 1894 PG 248/  
VOL 5 1895 PG 273/ VOL 6 1896 PG 276-277/ VOL 7  
1897 PG 25 & 93 & 143  
COLEMAN, A.P. 1905  
THE SUDBURY NICKEL AREA/ ODM ANN REPT 1905 PART 3/  
VOL 14/ PG 23 & 81 & 112 & 144  
CARD, K.D. 1965  
HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ PG 33

41-36

CLARABELLE MINE  
CU(3) NI(3) PT(3) PD(3) AU(3) AS(8)

41/1/06 46 29 40 081 04 25 SNIDER TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008662) NMI NUMBER (041/1/06/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 268)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
---- 1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
32 & 191/ \*C\*  
COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CANADA DEPT MINES/ PUB NO  
170/ PG 61-69  
---- 1880  
CANADIAN MINERAL DEPOSITS NOT BEING MINED IN 1880/  
EMR MINERAL POLICY SECTOR INTERNAL REPORT MRI 80/  
7/ PG 105  
SOUCH, B.E. 1969  
THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 280

41-37

COPPER CLIFF MINE  
CU(3) NI(3) PT(3) AU(3) PB(7)

41/1/06 46 28 34 081 04 10 MCKIM TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009068) NMI NUMBER (041/1/06/CU/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (PRODUCTION 1887-1902 & 1903-05)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (UPPER PORTION OF OREBODY RICHER IN CU THAN AT  
DEPTH)

PRODUCTION: 1887 TO 1905 341,771 TONNES ORE  
5.130% CU 3.520% NI  
COMMENTS (PRODUCTION FIGURES 1887-1905)  
REFERENCE (NMI)

MAP(S) (GEOL 1956-1 ODM/GEOL 2170 ODM)

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY/ TRANS AMER INST MIN  
ENG/ VOL 34 ( 1904) FEBRUARY 1903/ PG 3-67  
COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
PG 63-68  
COLEMAN, A.P. 1905  
THE SUDBURY NICKEL RANGE/ ODM ANN REPT 1905/ VOL  
14/ PT 3/ PG 42-48  
BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901/ VOL 14/ PART H  
BARLOW, A.E. 1905  
ON THE ORIGIN AND RELATIONS OF THE NICKEL AND  
COPPER DEPOSITS OF SUDBURY/ ECON GEOL/ VOL 1 NO 5/  
PG 461-643  
BATEMAN, A.M. 1917  
MAGNETIC ORE DEPOSITS/ ECON GEOL/ VOL 12 NO 5/ PG  
397  
THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT/ VOL  
65 PT 3 1956

41-40

COPPER CLIFF NORTH MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/06 46 29 30 081 04 03 MCKIM TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008664) NMI NUMBER (041/1/06/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CANADA DEPT MINES/ PUB NO  
170/ PG 62-63  
---- 1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
32 & 191/ \*C\*  
---- 1880  
CANADIAN MINERAL DEPOSITS NOT BEING MINED IN 1880/  
EMR MINERAL POLICY SECTOR INTERNAL REPORT MRI 80/  
7/ PG 105  
SOUCH, B.E. 1969  
THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 280

41-38

COPPER CLIFF NO 1 MINE  
CU(3) NI(3) PT(3) PD(3) AU(3)

41/1/06 46 28 15 081 04 37 SNIDER TP/ LOT 1 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008663) NMI NUMBER (041/1/06/NI/013)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

41-39

COPPER CLIFF NO 2 MINE (CANADIAN COPPER NO 2 MINE)  
CU(4) NI(4) PT(7) SE(7) TE(7) CO(7) AU(7) AG(7) PD(7)

41/1/06 46 28 59 081 04 03 MCKIM TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008066) NMI NUMBER (041/1/06/CU/009)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFD BRECCIA AND STRINGERS IN MAFIC DYKE)

REMARKS (RELATED TO SUDBURY IRRUPTIVE/ MINED 1889-1917)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION:	1889 TO 1902	240,262 TONNES ORE
	2.040% CU 2.290% NI	
	REFERENCE (NMI)	
PRODUCTION:	1903 TO 1915	412,832 TONNES ORE
	1.640% CU 02.830% NI	
	REFERENCE (NMI)	

MAP(S) (GEOLOGICAL 1956-1 ODM/GEOLOGICAL 2170 ODM)

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
PG 63-65

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/ REPORT OF THE ROYAL ONTARIO NICKEL  
COMMISSION-TORONTO 1917

COLEMAN, A.P. 1905  
THE SUDBURY NICKEL REGION/ ODM ANN REPT 1905/ VOL  
14/ PT 3/ PG 41 & 81 & 114 & 156

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/ ODM ANN REPTS/ VOL 9 (1900) TO VOL 15 (1906) &  
VOL 21 PT 1 (1911) TO VOL 26 PT 1 (1917)

BROWNE, D.H. 1905  
NOTES ON THE ORIGIN OF THE SUDBURY DRES/ ECON  
GEOLOGICAL VOL 1/ NO 5/ PG 470 & 472

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT VOL 14 PT H 1901/ PG 26-28  
& 135

THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT/ VOL  
65 PT 3 1956/ \*A\*

41-41

COPPER CLIFF SOUTH MINE  
NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/06 46 27 29 081 04 52 SNIDER TP/ LOT 1 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008665) NMI NUMBER (041/1/06/NI/027)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

41-42

CREAN HILL MINE  
CU(3) NI(3) PD(8) PT(8) AU(8) AG(8) CO(8) SE(8)

41/1/06 46 25 45 081 21 05 DENISON TP/ LOT 4-5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008361) NMI NUMBER (041/1/06/CU/015)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (PRODUCTION 1905-1919/ 1964-1972/ 1974-1978)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI/ODM GR 60/PG 55-57)

MAP(S) (GEOLOGICAL P668 ODM/GEOLOGICAL 2119 ODM)

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
PG 13-14 & PG 23

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/ ODM ANN REPORTS/ VOL 65 PT 2 1956 PG 113 &  
117-118/ VOL 66 PT 2 1957 PG 18-19 & 113 & 115 &  
118/ VOL 67 PT 2 1958 PG 17-18 & 117-118 & 121/ VOL  
68 PT 1959 PG 85-86/ VOL 74 1964 PG 96

PHEMISTER, T.C. 1926  
IGNEOUS ROCKS OF SUDBURY/ ODM ANN REPT 1925 PT 8/  
VOL 34/ PG 3 & 27 & 51 & 56

BURROWS, A.G. 1935  
SUDBURY NICKEL FIELD RESTUDIED/ ODM ANN REPT 1934  
PT 2/ VOL 43/ PG 30-33

COLEMAN, A.P. 1905  
THE SUDBURY NICKEL FIELD/ ODM ANN REPT 1905 PT 3/  
VOL 14/ PG 32

BATEMAN, A.M. 1917  
MAGMATIC ORE DEPOSITS/ ECON GEOLOGICAL VOL 12/ NO 5/ PG  
397

CARD, K.D. 1968  
GEOLOGY OF DENISON WATERS AREA / ODM GEOLOGICAL REPT 60/  
PG 55-57/ \*A\*

41-43

CREIGHTON MINE  
NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/06 46 27 37 081 10 53 SNIDER TP/ LOT 10 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008666) NMI NUMBER (041/1/06/NI/009)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

SPURR, J.E. 1924  
ORE DEPOSITION AT THE CREIGHTON MINE SUDBURY/  
ECON GEOLOGICAL VOL 19/ NO 3/ PG 275-280

YATES, A.B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOL/ PG 596 & 608/ \*BC\*

THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956  
PART 3/ VOL 65/ PG 1-56

41-44

ELLEN MINE (CREAN HILL MINE NO 2)  
CU(3) NI(3) PT(8) SE(8) TE(8) CO(8) AU(8) AG(8) PD(8)

41/I/06 46 25 45 081 19 23 DENISON TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008362) NMI NUMBER (041/I/06/CU/014)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (1.5 MILES EAST OF CREAN HILL MINE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1962 TO 1966 880,443 TONNES ORE  
COMMENTS (PRODUCT 61-62/64-66/NO GRADES)  
REFERENCE (NMI)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

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/ REPORT OF THE ROYAL ONTARIO NICKEL  
COMMISSION-TORONTO 1917/ PG 190  
CARD, K.D. 1965  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 57-58/ \*AC\*

41-45

EVANS MINE (CREAN MINE)  
NI(3) CU(3) PT(3) PD(3) AU(3) AG(7)

41/I/06 46 27 37 081 04 37 SNIDER TP/ LOT 1 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008667) NMI NUMBER (041/I/06/NI/011)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
YATES, A.B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 617/ \*BC\*

41-46

GERTRUDE MINE  
CU(3) NI(3) PT(8) SE(8) TE(8) CO(8) AU(8) AG(8) PD(8)

41/I/06 46 27 30 081 13 30 CREIGHTON TP/ LOT 3-5/ CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009066) NMI NUMBER (041/I/06/CU/012)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1902 TO 1903 16,329 TONNES ORE  
1.440% CU 1.780% NI  
COMMENTS (CALCULATED GRADES)  
REFERENCE (NMI)

MAP(S) (GEOL 1956-1 ODM/GEOL 2170 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 93

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPORT/ VOL 14 PT H 1901/ PAGES  
39 & 48 & 78 & 89 & 96 & 109 & 118 & 120 & 122 &  
125 & 196 & 231

PHEMISTER, T.C. 1928  
IGNEOUS ROCKS OF SUDBURY AND THEIR RELATION TO  
THE ORE DEPOSITS/ ODM ANN REPORT/ VOL 34 PT 8  
1925/ PG 16-18

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY ONTARIO/ TRANS AMER  
INST MIN ENG/ VOL 34 FEBRUARY 1903/ PGS 14 & 19 &  
41-42 & 52-53

BARLOW, A.E. 1905  
ON THE ORIGIN AND RELATIONS OF THE NICKEL AND  
COPPER DEPOSITS OF SUDBURY/ ECON GEOL VOL 1/ NO 6/  
PG 546/ 548/ 550/ 552

CAMPBELL, W. 1907  
ON THE MICROSTRUCTURE OF NICKELIFEROUS  
PYRRHOTITES/ ECON GEOL/ VOL 2/ NO 4/ PG 356

BATEMAN, A.M. 1917  
MAGMATIC ORE DEPOSITS/ ECON GEOL/ VOL 12/ NO 5/  
PG 402

41-49

MCVITTIE-GRAHAM (WEST GRAHAM)  
CU(2) NI(2) PT(8) PD(8)

41/I/06 46 26 04 081 18 28 GRAHAM TP/ LOT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2119)  
CANMINDEX NUMBER (008363) NMI NUMBER (041/I/06/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM & STRINGERS IN QTZ DIORITE OF NICKEL IRRUPT)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (NO MINERALIZED OUTCROPS/SFLDS INTERSECTED IN  
SEVERAL DRILL HOLES)

RESERVE: 1970 2,267,961 TONNES 0.380% CU  
0.630% NI  
COMMENTS (DRILL INDICATED)  
REFERENCE (1970 NM JUNE 18)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 246/ \*CG\*  
CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA DISTRICT OF  
SUDBURY/ ODM GEOL REPT 60/ PG 59

41-50

NORTH STAR MINE (MCCHARLES MINE)  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/I/06 46 28 48 081 10 02 SNIDER TP/ LOT 9 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008670) NMI NUMBER (041/I/06/NI/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956  
PT 3/ VOL 65

41-52

TAM O SHANTER  
NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/06 46 29 19 081 08 10 SNIDER TP/ LOT 6 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008672) NMI NUMBER (041/1/06/NI/018)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-53

TOTTEN MINE  
NI(3) CU(3) PT(3) PD(3) AU(3) CO(8)

41/1/06 46 22 38 081 27 30 DRURY TP/ LOT 2 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008673) NMI NUMBER (041/1/06/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PENTLANDITE/PYRRHOTITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2055 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

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/CANADIAN MINES HANDBOOK 1975-1976/ PG 150

CARD, K.D. 1965  
HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ PG  
18-19 & 32-33

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1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
40 & 189-190/ \*C\*

41-54

VERMILION MINE  
CU(3) NI(3) PD(3) PT(3) AG(3) AU(3) SN(7) AS(7)

41/1/06 46 25 00 081 21 30 DENISON TP/ LOT 5-6 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008364) NMI NUMBER (041/1/06/CU/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (PRODUCTION 1905-1915/VERY HIGH PRECIOUS METAL  
VALUES)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PENTLANDITE/PYRITE/PYRRHOTITE/  
POLYDYMITE/SPERRYLITE/N. COPPER/N. GOLD/MILLERITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (SPERRYLITE [PTAS2] FIRST FOUND HERE)

PRODUCTION: 1900 179 TONNES ORE  
10.00% CU 11.31G/T AU 137.14G/T AG  
COMMENTS (20-25% NI+CU/40Z PD&1.50Z PT/T)  
REFERENCE (NMI)  
PRODUCTION: 1900 TO 1915 3,641 TONNES ORE  
6.89% CU 6.64% NI  
REFERENCE (NMI)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA/ ODM GEOL REPT  
60/ PG 52  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236 / \*C\*  
BELL, R. 1891  
SUDBURY MINING DISTRICT / GSC ANN REPORT/ VOL 5  
PART F 1890-91 / PG 51-54  
COLEMAN, A.P. 1905  
THE SUDBURY NICKEL REGION/ ODM ANN REPT / VOL 14 /  
PT 3 / PG 31 / 81 / 140 / 153  
DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY / TRANS AMER INST MIN  
ENG / VOL 34 FEB 1903 / PG 5 & 11 & 30  
PHEMISTER, T.C. 1926  
IGNEOUS ROCKS OF SUDBURY / ODM ANN REPT / VOL 34  
PT 8 1925 / PG 56  
BURROWS, A.G. 1935  
SUDBURY NICKEL FIELD RESTUDIED / ODM ANN REPT /  
VOL 43 PT 2 1934 / PG 28

41-55

VICTORIA MINE (MCCONNELL MINE)  
CU(4) NI(4) AU(4) PT(4) AG(4) W(7)

41/1/06 46 25 25 081 23 17 DENISON TP/ LOT 8 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2119)  
CANMINDEX NUMBER (009075) NMI NUMBER (041/1/06/CU/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (FIRST NI MINE IN AREA IN WHICH AU & PT FOUND)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PENTLANDITE/SPERRYLITE/  
SCHEELITE)  
GANGUE (QUARTZ/CALCITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1900 TO 1923 562,102 TONNES ORE  
3.300% CU 1.600% NI  
COMMENTS (PRODUCTION FIGURES FOR 1900-15)  
REFERENCE (NMI)

MAP(S) (GEOL 2119 ODM/GEOL 2170 ODM)

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ REPORT NO 170  
PHEMISTER, T.C. 1926  
IGNEOUS ROCKS OF SUDBURY/ ODM ANN REPORT/ VOL 34  
PT 8 1925/ PG 51 54 56  
YATES, A.B. 1938  
THE SUDBURY INTRUSIVE/ TRANS ROY SOC OF CANADA/  
VOL 32/ SECT 4/ PG 164-168  
BATEMAN, A.M. 1917  
MAGMATIC ORE DEPOSITS SUDBURY/ ECON GEOL/ VOL 12/  
NO 5/ PG 397-398  
DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY/ TRANS AMER INST MIN  
ENG/ VOL 34/ PG 5/ 12/ 14/ 18-20/ 30/ 40/ 53  
BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901/ VOL 14/ PART H  
CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA/ ODM GEOL REPT  
60/ PG 54

41-60

ALWYN PORCUPINE (BURDA)  
CU(5) AU(5)

41/1/10 46 42 08 080 37 49 SCADDING TP/ LOT 7 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2009)  
CANMINDEX NUMBER (008382) NMI NUMBER (041/1/10/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN FAULT ZONE CUTTING CONGLOMERATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PG)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)



VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 2/PG 28)  
COMMENTS (GEOMETRICAL AVG VEIN/0.022 OZ/TON AU/0.42% CU  
OVER AVG WIDTH OF 15 FT)

RESERVE: 1951 108,862 TONNES 0.420% CU  
0.75G/T AU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2009 ODM/GEOLOGICAL 2361 ODM)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEM 192/ PG 145

THOMSON, J.E. 1961  
MACLENNAN AND SCADDING TOWNSHIPS/ ODM GEOL REPT 2/  
PG 28

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 263/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-61

BLEZARD MINE (DOMINION)  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/10 46 33 36 080 58 29 BLEZARD TP/ LOT 4 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008676) NMI NUMBER (041/1/10/NI/012)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SIFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/PG 268/ \*CI\*

41-62

CAPRE  
NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/10 46 41 48 080 50 08 CAPREOL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008677) NMI NUMBER (041/1/10/NI/022)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SIFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-64

FALCONBRIDGE EAST MINE  
NI(3) CU(3) PTM(3) AU(8) CO(8) SE(8) AG(8) FE(8) S(8)

41/1/10 46 34 53 080 46 58 FALCONBRIDGE TP/ LOT 9 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008679) NMI NUMBER (041/1/10/NI/022)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (ALONG FALCONBRIDGE FAULT CUTTING NORITE & VOLC RKS)

TYPE (MAGMATIC NI-CU)

SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 1957-5 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
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1959  
THE FALCONBRIDGE STORY/ CANADIAN MINING JOURNAL/  
VOL 80 NO 6/ PG 123/ \*C\*  
THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANNUAL  
REPORT 1957 PT 6/ VOL 66/ \*BC\*

41-63

FALCONBRIDGE MINE  
NI(1) CU(1) PTM(1) AU(1) AG(8) S(8) SE(8) CO(8) FE(8)

41/1/10 46 34 51 080 48 02 FALCONBRIDGE TP/ LOT 11 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008678) NMI NUMBER (041/1/10/NI/001)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (ALONG FALCONBRIDGE FAULT CUTTING NORITE & VOLC RKS)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 1957-5 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
DAVIDSON, S. 1948  
FALCONBRIDGE MINE/ STRUCTURAL GEOLOGY OF CANADIAN  
ORE DEPOSITS/ CIM JUBILEE VOLUME/ PG 618-626/ \*BC\*  
LOCHHEAD, D.B. 1955  
THE FALCONBRIDGE ORE DEPOSIT/ ECONOMIC GEOLOGY/  
VOL 50 NO 1/ PG 42-50

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1959  
/ CANADIAN MINING JOURNAL/ VOL 80 NO 6/ PG 123 &  
153-158

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANN REPT/  
VOL 66 1957 PT 6  
ONEILL, J.J. 1934  
PLATINUM AND ALLIED METAL DEPOSITS OF CANADA/ GSC  
ECON GEOL SER NO 13/ PG 71

41-65

GARSON MINE  
NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/10 46 33 59 080 51 30 GARSON TP/ LOT 4 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008681) NMI NUMBER (041/1/10/NI/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (ALONG GARSON FAULT IN NORITE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
YATES, A.B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 613/ \*BC\*

SOUCH, B.E. 1969  
THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 258-  
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1917

REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
44-45 & 155-163/ \*C\*

41-66

KIRKWOOD MINE  
NI(4) PTM(4) CU(4)41/1/10 46 34 00 080 53 46 GARSON TP/ LOT 8 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008682) NMI NUMBER (041/1/10/NI/016)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-69

MACLENNAN MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)41/1/10 46 38 57 080 46 09 MACLENNAN TP/ LOT 8 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008683) NMI NUMBER (041/1/10/NI/010)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-87

MOUNT NICKEL MINE  
NI(4) CU(4) PT(4) PD(4) AU(4)41/1/10 46 33 00 080 59 35 BLEZARD TP/ LOT 5 CON 1 & 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008702) NMI NUMBER (041/1/10/NI/011)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-302

NICKEL RIM MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)41/1/10 46 40 30 080 48 12 MACLENNAN TP/ LOT 11 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008684) NMI NUMBER (041/1/10/NI/007)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)PRODUCTION: 1952 TO 1958 1,157,234 TONNES ORE  
0.240% CU 0.550% NI  
COMMENTS (CALC GRADES)  
REFERENCE (ODM MRC 12/ PG 255)RESERVE: JAN/1959 678,233 TONNES 0.350% CU  
0.900% NI  
COMMENTS (BEFORE DILUTION)  
REFERENCE (ODM MRC 12/ PG 255)

MAP(S) (GEOL 2170 ODM/GEOL 2009 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 254/ \*CG\*  
THOMSON, J. E. 1961  
GEOLOGY OF MACLENNAN AND SCADDING TOWNSHIPS/ ODM  
GEOL REPORT 2/ PG 25-27  
---- 1953  
EAST RIM NICKEL ML/ CANADIAN MINES HANDBOOK 1953/  
PG 68

41-70

NORDUNA MINE  
NI(4) CU(4) PT(4) PD(4) AU(4)41/1/10 46 36 20 080 45 49 FALCONBRIDGE TP/ LOT 7 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008685) NMI NUMBER (041/1/10/NI/004)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-58

NORSTAR LAKE MINE (MOUNT AETNA)  
CU(2) AU(2) AS(7)41/1/10 46 39 33 080 31 00 DAVIS TP/ LOT 10 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2037)  
CANMINDEX NUMBER (008384) NMI NUMBER (041/1/10/AU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN BRECCIATED ARGILLITE ASSOC W GABBRO DYKE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/ARSENOPYRITE/N. GOLD)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (050)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 239)  
COMMENTS (ORE ZONE 225FT LONG/25FT WIDE TO DEPTH OF 400FT)

RESERVE: DEC/1958 249,475 TONNES 1.500% CU

14.05G/T AU  
 COMMENTS (D.D. INDICATED)  
 REFERENCE (1963 ODM GR 15/ PG 16)  
 RESERVE: 1973 83,085 TONNES 1.210% CU  
 6.92G/T AU  
 COMMENTS (AFTER 10% DILUTION/312 FT DEEP)  
 REFERENCE (1973 NM MAY 31/ PG 3)

MAP(S) (GEOLOGICAL 2037 ODM/GEOLOGICAL 41E BIBL 1)

KINDLE, L.F. 1933  
 MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN REPT 1932  
 PART 4/ VOL 41/ PG 38  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 239/ \*CG\*  
 / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
 THOMSON, J.E. 1963  
 KELLY AND DAVIS TOWNSHIPS/ ODM GEOL REPT 15/ PG  
 13-16/ \*C\*  
 GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 58-59

41-71

SHEPPARD  
 NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/10 46 34 02 080 57 02 BLEZARD TP/ LOT 1 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008686) NMI NUMBER (041/1/10/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL P367 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-72

STOBIE MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) AG(8) FE(8)

41/1/10 46 32 21 080 59 25 BLEZARD TP/ LOT 5 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (P) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008687) NMI NUMBER (041/1/10/NI/021)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN FROOD-STOBIE OFFSET OF NICKEL IRRUPTIVE)

REMARKS (SHARES OREBODY WITH FROOD MINE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

ZURBRIGG, H.F. 1957  
 THE FROOD-STOBIE MINE/ STRUCTURAL GEOLOGY OF  
 CANADIAN ORE DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/  
 PG 341/ \*CF\*

YATES, A.B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOLUME/ PG 596 & 611/ \*BC\*

YOUNG, J.W. 1924  
 THE SUDBURY ORE DEPOSITS/ ECONOMIC GEOLOGY/ VOL  
 19 NO 7/ PG 677-681

41-59

VICTOR MINE  
 NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/10 46 40 47 080 48 49 MACLENNAN TP/ LOT 10 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008674) NMI NUMBER (041/1/10/NI/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-73

BIG LEVACK MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/11 46 41 00 081 19 42 LEVACK TP/ LOT 2 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008688) NMI NUMBER (041/1/11/NI/014)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-74

BOUNDARY MINE  
 NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 37 57 081 23 30 LEVACK TP/ LOT 8-9 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008689) NMI NUMBER (041/1/11/NI/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-75

COLEMAN MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/11 46 40 33 081 20 18 LEVACK TP/ LOT 3 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008690) NMI NUMBER (041/1/11/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)

CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEO 2170 ODM/GEO 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
LANGFORD, F. F. 1960  
GEOLOGY OF LEVACK & PART OF DOWLING TOWNSHIPS/  
ODM PRELIMINARY REPORT 1960-5

41-733

ELSIE MINE  
NI(3) CU(3)

41/1/11 46 30 30 081 04 29 SNIDER TP/ LOT 1 CON 4-5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (P) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (004969) NMI NUMBER (041/1/11/NI/009)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (AFTER 1925 MINING OPERATIONS CONNECTED WITH  
MURRAY MINE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2361)

PRODUCTION: 1901 TO 1903 30,694 TONNES ORE  
0.360% CU 0.740% NI  
COMMENTS (AVG RECOVERY GRADE/MINED FOR S)  
REFERENCE (NMI 41 1/11 NI 9/SMR 000876)

MAP(S) (GEO 2361 ODM/GEO 2170 ODM)

41-76

ERRINGTON MINE  
ZN(3) CU(3) PB(3) AU(3) AG(3)

41/1/11 46 32 15 081 15 24 CREIGHTON & BALFOUR TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NO 2 SHAFT/ ODM MAP 2170)  
CANMINDEX NUMBER (008691) NMI NUMBER (041/1/11/CU/007)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (OREBODIES INCLUDE THE CHRISTIE/ RHEAUME NO1 & NO2/  
ROMIG&SOUTH ROMIG)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (WHITEWATER GROUP)  
ORE MNRLS (PYRITE/SPHALERITE/CHALCOPYRITE/PYRRHOTITE/GALENA)  
GANGUE (CARBONATE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 236)  
COMMENTS (SEVERAL OREBODIES IN COMPLEXLY FOLDED AND FAULTED  
ZONE)

PRODUCTION: 1928 TO 1930 1,956,792 TONNES ORE  
0.750% CU 0.360% PB 3.180% ZN  
COMMENTS (CALC GRADE)  
REFERENCE (ODM MRC 12/ PG 236)

RESERVE: 1968 8,199,423 TONNES 1.140% CU  
0.990% PB 3.820% ZN 0.786/T AU 54.176/T AG  
COMMENTS (HIGH PYRITE ORE)  
REFERENCE (ODM MRC 12/ PG 236)  
RESERVE: 1968 4,008,395 TONNES 1.330% CU  
1.000% PB 3.970% ZN 0.896/T AU 55.206/T AG  
COMMENTS (LOW PYRITE ORE)  
REFERENCE (ODM MRC 12/ PG 236)

MAP(S) (GEO 2170 ODM/GEO 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/

ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236/ \*CG\*  
---- 1971

/ CANADIAN MINES HANDBOOK 1971-72/ PG 166

THOMSON, J. E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956/  
VOL 85 PART 3/ PG 46/ \*AC\*

MARTIN, W. C. 1957  
ERRINGTON AND VERMILION LAKE MINES/ STRUCTURAL  
GEOLOGY OF CANADIAN ORE DEPOSITS/ VOL 2/ CIM  
CONGRESS VOLUME/ PG 363/ \*CH\*

CARD, K. D. 1972  
THE SUDBURY STRUCTURE-ITS REGIONAL GEOLOGICAL  
SETTING/ IN GUY-BRAY J V (ED)/ NEW DEVELOPMENTS  
IN SUDBURY GEOLOGY/ GAC SPEC PAPER 10/ PG 67-78

41-77

FECUNIS MINE  
NI(3) CU(3) PT(3) PD(3) AU(3) CO(8)

41/1/11 46 38 30 081 21 30 LEVACK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008692) NMI NUMBER (041/1/11/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEO 2170 ODM/GEO 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268

---- 1959  
THE FALCONBRIDGE STORY/ CANADIAN MINING JOURNAL/  
VOL 80 NO 6/ PG 125/ \*C\*

41-78

FROOD MINE  
NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) AG(8) FE(8)

41/1/11 46 31 30 081 00 20 MCKIM TP/ LOT 6-7 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008693) NMI NUMBER (041/1/10/NI/021)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FROOD-STOBIE OFFSET OF NICKEL IRRUPTIVE)

REMARKS (SHARES OREBODY WITH STOBIE MINE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEO 2170 ODM/GEO 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
ZUBRIGG, H. F. 1957  
THE FROOD-STOBIE MINE/ STRUCTURAL GEOLOGY OF  
CANADIAN ORE DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/  
PG 341/ \*CF\*  
YATES, A. B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 611/ \*BC\*

41-79

HARDY MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 37 54 081 23 48 LEVACK TP/ LOT 9 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008694) NMI NUMBER (041/1/11/NI/005)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)

## GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*  
 MITCHELL, G. P. 1957  
 HARDY MINE/ STRUCTURAL GEOLOGY OF CANADIAN ORE  
 DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/ PG 350/ \*CF\*

41-81

LEVACK MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) FE(8)

41/I/11 46 39 00 081 22 45 LEVACK TP/ LOT 7 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008696) NMI NUMBER (041/I/11/NI/017)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268  
 YATES, A. B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOLUME/ PG 596 & 614/ \*C\*  
 ---- 1917  
 REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
 51-52 & 163-167/ \*C\*  
 SOUCH, B. E. 1969  
 THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
 RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
 FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
 DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 260

41-82

LEVACK WEST MINE (MCCREEDY WEST MINE)  
 NI(1) CU(1) FE(8) PD(8) AU(8) CO(8) PT(8)

41/I/11 46 38 09 081 24 00 LEVACK TP/ LOT 9 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008697) NMI NUMBER (041/I/11/NI/022)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268  
 HOFFMAN, E. L. 1979  
 THE NOBLE METAL CONTENT OF ORE IN THE LEVACK WEST  
 AND LITTLE STOBIE MINES ONTARIO/ CANADIAN  
 MINERALOGIST/ VOL 17 PT 2/ PG 437-451

41-83

LITTLE STOBIE MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/I/11 46 32 40 081 00 18 BLEZARD TP/ LOT 6 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008698) NMI NUMBER (041/I/11/NI/015)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
 ---- 1917  
 REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
 40 & 20/ \*C\*  
 HOFFMAN, E. L. 1979  
 THE NOBLE METAL CONTENT OF ORE IN THE LEVACK WEST  
 AND LITTLE STOBIE MINES ONTARIO/ CANADIAN  
 MINERALOGIST/ VOL 17 PT 2/ PG 437-451

41-84

LONGVACK MINE  
 NI(4) CU(4)

41/I/11 46 40 51 081 20 02 LEVACK TP/ LOT 3 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008699) NMI NUMBER (041/I/11/NI/012)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-85

LONGVACK SOUTH MINE  
 NI(4) CU(4) PT(4) PD(4) AU(4)

41/I/11 46 40 44 081 20 05 LEVACK TP/ LOT 3 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008700) NMI NUMBER (041/I/11/NI/018)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

LANGFORD, F. F. 1960  
 GEOLOGY OF LEVACK TOWNSHIP & THE NORTHERN PART OF  
 DOWLING TOWNSHIP/ ODM PR 1960-5

41-86

MCKIM MINE  
NI(3) CU(3) PT(3) PD(3) AU(3) AG(3) CO(8) IR(8) RU(8) RH(8)

41/1/11 46 31 21 081 03 12 MCKIM TP/ LOT 11 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008701) NMI NUMBER (041/1/11/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-88

MURRAY MINE  
NI(3) CU(3) PT(3) AG(3) FE(3) MO(8)

41/1/11 46 30 44 081 04 04 MCKIM TP/ LOT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008703) NMI NUMBER (041/1/11/NI/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
YATES, A. B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 615/ \*BC\*

41-89

NORTH MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 39 22 081 21 27 LEVACK TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008704) NMI NUMBER (041/1/11/NI/019)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-90

NORTH RANGE MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 44 24 081 03 06 WISNER TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008705)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-91

ONAPING MINE  
NI(3) CU(3) PT(3) PD(3)

41/1/11 46 37 58 081 23 04 LEVACK TP/ LOT 8 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008706) NMI NUMBER (041/1/11/NI/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266  
SOUCH, B.E. 1969  
INCO-THE SULPHIDE ORES OF SUDBURY-THEIR  
PARTICULAR RELATIONSHIP TO A DISTINCTIVE  
INCLUSION BEARING FACIES OF THE NICKEL IRRUPTIVE/  
MAGMATIC ORE DEPOSITS/ ECON GEOL MONOGRAPH NO 4/ P

41-92

STRATHCONA MINE  
CU(1) NI(1) AG(1) PTM(8) CO(8)

41/1/11 46 40 20 081 20 38 LEVACK TP/ LOT 4 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANINDEX NUMBER (008707) NMI NUMBER (041/1/11/NI/013)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

-----  
/ THE NORTHERN MINER/ MARCH 17 1977 PG 1 & 13/  
APRIL 13 1978 PG 3/ \*G\*

COWAN, J.C. 1968  
GEOLOGY OF THE STRATHCONA ORE DEPOSIT/ CIM BULL  
VOL 61/ JANUARY 1968/ PG 38-54

NALDRETT, A.J. 1967  
A STUDY OF THE STRATHCONA MINE AND ITS BEARING ON  
THE ORIGIN OF THE NICKEL-COPPER ORES OF THE  
SUDBURY DISTRICT ONTARIO/ JOURNAL OF PETROLOGY

VOL 8/ PG 453-531  
 NALDRETT, A.J. 1972  
 GEOLOGY OF THE SUDBURY IRRUPTIVE/ 24TH IGC FIELD  
 EXCURSION GUIDE BOOK C38/ PG 31-34  
 ---- 1917  
 REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
 54 & 207-208/ \*C\*  
 ABEL, M.K. 1979  
 COPPER MINERALIZATION IN THE FOOTWALL COMPLEX  
 STRATHCONA MINE/ CANADIAN MINERALOGIST/ VOL 17/  
 PG 275-286

41-95

WD 150/ WD 155  
 NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/11 46 44 31 081 07 57 BOWELL TP/ LOT 6 CON 2-3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANINDEX NUMBER (008709) NMI NUMBER (041/1/11/NI/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266

41-868

STRALAK-EAST ZONE  
 ZN(2) CU(2) AG(2) PB(7)

41/1/13 46 48 09 081 41 50 CRAIG TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
 CANINDEX NUMBER (008711) NMI NUMBER (041/1/13/ZN/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASSIVE SLFDS ALONG CONTACT BTWN METASEDS-METAVOLC)

REMARKS (LENGTH 1500 FT/ MINERALIZED UP TO 10FT WIDTH INCL  
 MASS SFLDS UP TO 6FT)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (PYRITE/PYRRHOTITE/SPHALERITE/CHALCOPYRITE/GALENA)  
 STRIKE (090)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM OPEN FILE 5256/PG 113-117)  
 COMMENTS (ZONE 1500FT LONG/1-6FT WIDE/ASSAYS 0.5-22% ZN/  
 0.08% PB/0-2.3% CU/0-3.8 OZ/TON AG)

RESERVE: 1952 329,924 TONNES 0.320% CU  
 3.180% ZN 23.31G/T AG  
 COMMENTS (WIDTH 8.6 FT DEPTH 157 FT)  
 REFERENCE (ODM MRC 12/ PG 235)

MAP(S) (GEOL P1107 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 235/ \*CG\*  
 OSBORNE, F.F. 1930  
 THE CARTIER-STRALAK AREA/ ODM ANN REPT 1929/ VOL  
 38 PT 7/ PG 63 \*8C\*

CARD, K.D. 1978  
 GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
 5256/ PG 112

41-99

NICKEL OFFSETS MINE (ROSS MINE)  
 NI(4) CU(4) CO(4) PT(4) PD(4)

41/1/14 46 45 32 081 14 24 FOY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NO 1 SHAFT/ ODM MAP 2133)  
 CANINDEX NUMBER (004816) NMI NUMBER (041/1/14/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)

CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY NICKEL IRRUPTIVE)  
 REMARKS (3 MAIN MINERALIZED ZONES (3 WERE MINED)/ 2 SHAFTS  
 (CODED AS COMPONENTS))

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 65/PG 34-36)  
 COMMENTS (FOY OFFSET)

PRODUCTION: 1943 TO 1957 205,008 TONNES ORE  
 0.740% CU 1.010% NI  
 COMMENTS (PROD 1943-44/1953-57/CAL GRADE)  
 REFERENCE (ODM MRC 12/ PG 243)

MAP(S) (GEOL 2133 ODM/GEOL 2170 ODM)

CARD, K.D. 1969  
 GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPT 65/  
 PG 34-36/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 243/ \*CG\*

41-870

MILNET MINE  
 NI(4) CU(4) AU(4) PT(4) PD(4) RH(4) RU(4) IR(4)

41/1/15 46 49 21 080 51 59 PARKIN TP/ LOT 5 CON 2  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (C) COMMENTS (SHAFT(Under Building)/PEARSON)  
 CANINDEX NUMBER (008407) NMI NUMBER (041/1/15/NI/001)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (MASS-DISS/BRECC ZONE IN QTZ DIORITE DYKE & ADJ SEDS)

REMARKS (PARKIN OFFSET FROM SUDBURY IRRUPTIVE/ 2 OREBODIES  
 200 FT APART)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS/HURONIAN  
 UNDIFFERENTIATED)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 STRIKE (030)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 80/ PG 54-57)  
 COMMENTS (2 OREBODIES APPROX 200 FT APART IN NORTHERN END  
 OF PARKIN OFFSET)

PRODUCTION: 1952 TO 1954 142,545 TONNES ORE  
 1.550% CU 1.500% NI  
 COMMENTS (4861458 LBS CU WERE PRODUCED)  
 REFERENCE (NMI/ 1969 ODM MRC 12/ PG 259)

MAP(S) (GEOL 2180 ODM/GEOL P367 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 94-95/ \*CG\*

MEYN, H.D. 1970  
 GEOLOGY OF HUTTON AND PARKIN TOWNSHIPS/ ODM GEOL  
 REPT 80/ PG 54-58  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 259/ \*CG\*

---- 1956  
 / CANADIAN MINING JOURNAL NOV 1956/ VOL 77/ NO 11/  
 PG 178/ \*I\*

41-461

NEW DOMINION  
 CU(2) NI(2)

41/1/15 46 46 16 080 54 58 NORMAN TP/ LOT 9-10 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANINDEX NUMBER (008408) NMI NUMBER (041/1/15/CU/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS ALONG NORTH BOUNDARY OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

RESERVE: 1955 40,823 TONNES 0.750% CU  
0.900% NI  
REFERENCE (NMI)

MAP(S) (GEOL P367 ODM/GEOL 2361 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 96/ \*CG+  
----  
/ THE NORTHERN MINER/ APRIL 30 1953/ JAN 27 & FEB  
3 & FEB 24 & MAR 17 & MAR 31 1955/ JUNE 21 1956

41-102

WHISTLE  
NI(7) CU(7) PT(7) AU(7)

41/1/15 46 46 23 080 52 29 NORMAN TP/ LOT 6 CON 4-5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008715) NMI NUMBER (041/1/15/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI+

41-111A

TEMAGAMI CHALCOPYRITE ZONE  
CU(3) AU(3) AG(3) ZN(8) PB(8)

41/1/16 46 57 42 080 20 30  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2057)  
CANMINDEX NUMBER (008431)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEMINATIONS/VEINS/LENSES IN FOOTWALL RHYOLITE)

REMARKS (ZONE OCCURS SOUTH OF AND 30-85 M BELOW FOOTWALL  
CONTACT WITH DIORITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (FE-CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 28/PG 25-27)  
COMMENTS (MASSIVE SLFD ORE & FISSURE FILLING VEINS)

PRODUCTION: 1959 TO MAR/1972 610,065 TONNES ORE  
5.720% CU 16.45G/T AU 305.48G/T AG  
REFERENCE (NMI)

RESERVE: 1958 27,215 TONNES 22.000% CU  
COMMENTS (NO 1 OREBODY)  
REFERENCE (NMI)

RESERVE: 1958 4,535 TONNES 7.000% CU  
COMMENTS (NO 2 OREBODY)  
REFERENCE (NMI)

RESERVE: JUN/1969 52,223 TONNES 4.750% CU  
REFERENCE (NMI)

MAP(S) (GEOL 2057 ODM)

MOOREHOUSE, W.W. 1946  
THE NORTHEASTERN PORTION OF THE TEMAGAMI LAKE  
AREA/ ODM ANN REPORT/ VOL 51 PT 8 1942

----  
/ODM ANN REPORTS/ VOL 65 1956 PT 2 PG 120-121/  
VOL 66 1957 PT 2 PG 7-8/ VOL 67 1958 PT 2 PG 8-9/  
VOL 68 1959 PT 2 PG 4/ VOL 69 1960 PT 2 PG 4/ VOL  
70 1961 PT 2 PG 103-104/ VOL 71 1962 PT 2 PG 110-11

SIMONY, P.S. 1964  
NORTHWESTERN TEMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 25-27

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 201/ \*CG+

41-111B

TEMAGAMI CU-NI-CO ZONES  
CU(2) NI(2) CD(2)

41/1/16 46 58 00 080 20 30 PHYLLIS TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (/ COPPER COMMODITY FILE)  
CANMINDEX NUMBER (008431)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (PYRITIC ZONE IN DIORITE ALONG FOOTWALL CONTACT)

REMARKS (ZONES COVER A STIKE LENGTH OF 8 KM/NOT ABLE TO  
PRODUCE ECONOMIC CONC)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/MILLERITE/GERSDORFFITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 28/PG 25-27)  
COMMENTS (LOW GRADE PYRITIC CU-NI-CO ORE)

RESERVE: 1957 2,267,961 TONNES 1.000% CU  
0.600% NI  
COMMENTS (0.1 CO/ LOW GRADE ZONE)  
REFERENCE (NMI)

RESERVE: JUN/1969 698,532 TONNES 1.040% CU  
0.460% NI  
COMMENTS (LOW GRADE ZONE)  
REFERENCE (NMI)

MAP(S) (GEOL 2057 ODM/GEOL P367 ODM)

BERGEY, W.R. 1957  
DISCOVERY OF COPPER-NICKEL OREBODIES AT TEMAGAMI  
MINE ONTARIO/ IN/ METHODS AND CASE HISTORIES IN  
MINING GEOPHYSICS/ CIM CONGRESS VOL/ PG 168-175

SIMONY, P.S. 1964  
NORTHWESTERN TEMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 25-27

ROSE, E.R. 1966  
THE COPPER-NICKEL DEPOSITS OF TEMAGAMI ISLAND  
ONTARIO/ ECON GEOL/ VOL 61/ PG 27-43

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES NO 12/ \*CG+

FRANKLIN, J. 1967  
THE PYRITE ZONE OF THE TEMAGAMI MINE/ MSC THESIS/  
CARLETON UNIVERSITY

41-113

HERMINA MINE  
CU(3) AU(7)

41/J/01 46 14 56 082 10 22 SALTER TP/ SEC 7/ 17/ 18  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009027) NMI NUMBER (041/J/01/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ VEINS WITH SULPHIDES CUT DIABASE & GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/HURONIAN GABBRO-ANORTHOSITE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (225) DIP (85)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 136/PG 108-111)  
COMMENTS (VEIN TRACED FOR 2500 FT/APPROX 35 FT WIDE)

PRODUCTION: 1904 TO 1909 11,914 TONNES ORE  
3.870% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI/ 1957 ODM MRC 2/ PG 92)

MAP(S) (GEOL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT/ VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AI\*

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/ ODM ANN REPTS 1904-1910/ VOL 13(PG 79)VOL 14(PG  
61)VOL 15(PG 68)VOL 16(PG 68)VOL 17(PG 79)VOL  
18(PG 89)VOL 19(PG 87)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA



MANITOULIN AND SUDBURY/ ODM GR 136/ PG 108-110/  
\*AI\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262/ \*I\*

41-891

MASSEY MINE MAIN SHAFT  
CU(3)

41/J/01 46 14 19 082 07 09 SALTER TP/ SEC 15  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH BRECCIATED ZONE IN METASED ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
STRIKE (090)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SUDBURY TYPE BRECCIA AT MAIN SHAFT/POST ORE)

PRODUCTION: 1968 TO 1970 13,371 TONNES ORE  
2.500% CU  
REFERENCE (ODM GR 136/ PG 115)  
PRODUCTION: 1904 TO 1917 287 TONNES REFINED METAL  
99.999% CU  
COMMENTS (PRODUCTION 1904-06/ 1915-17)  
REFERENCE (ODM GR 136/ PG 113)

MAP(S) (GEOLOGICAL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT / VOL  
22 PART 1 1913/ PG 155-160/ \*AC\*  
COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*  
MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 87/ \*GI\*  
---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL/ AUG 4 (1917)/ PG 193  
ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*AI\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-893

MASSEY MINE NO 4 SHAFT  
CU(3) AG(3) AU(3)

41/J/01 46 14 17 082 07 50 SALTER TP/ SEC 16  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH ZONE IN METASED ROCKS)

REMARKS (SUPERGENE COPPER ZONE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCITE/BORNITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SUPERGENE COPPER ENRICHMENT)  
STRIKE (090) DIP (90)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (IMPORTANT SUPERGENE CU ZONE APPROX 75 FT THICK)

PRODUCTION: FEB/1969 TO 1970 11,902 TONNES ORE  
COMMENTS (CUSTOM MILLED/ NO GRADE DATA)  
REFERENCE (ODM GR 136/ PG 115)

RESERVE: 1965 29,029 TONNES 3.550% CU  
0.78G/T AU 17.14G/T AG  
REFERENCE (ODM GR 136/ PG 114-115)

MAP(S) (GEOLOGICAL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT/ VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*  
COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*  
MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 87/ \*GI\*  
---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL AUG 4 (1917)/ PG 193  
ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*AI\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-115

PATER MINE  
CU(3) AU(3) AG(3)

41/J/02 46 12 25 082 38 57 SPRAGGE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2186)  
CANMINDEX NUMBER (009040) NMI NUMBER (041/J/02/CU/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DEFORMED MASSIVE SLFDS IN MAFIC METAVOLCANICS)

REMARKS (CHERTY QTZITE (EXHALATIVE CHERT(?)) ASSOC WITH ORE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (FE-CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SILICIFICATION)  
STRIKE (090) DIP (85)  
REL. TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (MRC 12/PG 65/ODM GR 76/PG90-94)  
COMMENTS (ORE ZONE AVG WIDTH 2.7M/MINED TO DEPTH OF 1250M/  
LATERAL WORKINGS UP TO 396M)

PRODUCTION: FEB/1961 TO APR/1970 2,079,726 TONNES ORE  
1.720% CU 0.06G/T AU 3.12G/T AG  
COMMENTS (CALCULATED GRADES/ AG 1964-70)  
REFERENCE (SMD 000874 (NMI))  
PRODUCTION: 1961 TO 1970 2,079,726 TONNES ORE  
1.716% CU 0.07G/T AU 2.09G/T AG  
COMMENTS (CALC GRADE)  
REFERENCE (ODM SMDR 000874)

RESERVE: 1957 936,670 TONNES 1.800% CU  
COMMENTS (INCLUDES 10% DILUTION)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2186 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1970  
GEOLOGY OF SPRAGGE AREA/ ODM GEOL REPT 76  
KNIGHT, C.J. 1963  
GEOLOGY OF PATER MINE/ UNPUBLISHED BASC THESIS/  
UNIVERSITY OF TORONTO  
BEGER, R.M. 1963  
GEOLOGY OF THE PATER MINE-BLIND RIVER AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ MICHIGAN  
TECHNOLOGICAL UNIVERSITY 1963/ HOUGHTON MICHIGAN  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 65

---- /ODM ANNUAL REPTS/1957-VOL66 PT 1 PG 151/1958-VOL  
67 PT 2 PG 162/1960-VOL 69 PT 2 PG 122/1960-VOL  
70 PG 102/1961-VOL 7 PG 108/1962-VOL 72 PG 112/  
1963-VOL 73 PG 109/1964-VOL 74 PG 111

KILLIN, A.F. 1963  
THE CANADIAN COPPER INDUSTRY-1962/ INFO BULLETIN  
MR 68/ MINERAL RESOURCES DIVISION/ DEPT OF MINES  
& TECHNICAL SURVEYS/ OTTAWA/ PG 47  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 299/ \*AC\*

41-117

BAR-FIN MINE  
CU(3)41/J/03 46 14 04 083 05 00 THOMPSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2012)  
CANMINDEX NUMBER (009038) NMI NUMBER (041/J/03/CU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SULPHIDE VEINS CUT GOWGANDA SEDIMENTS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (074)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (2 FISSURE VEINS APPROX 600 FT APART)PRODUCTION: 1906 1,360 TONNES ORE  
4.000% CU  
REFERENCE (NMI)

MAP(S) (GEOL 2012 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
REPORT 17/ PG 62-63/ \*A\*ROBERTSON, J.A. 1960  
GENERAL GEOLOGY OF PART OF THE BLIND RIVER AREA/  
UNPUBLISHED M SC THESIS QUEENS UNIVERSITY/ VOL 1/  
PG 224-225THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 71SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 67  
----  
/ NORTHERN MINER/ DEC 30 1953/ FEB 25 1954/ OCT 6  
1955/ NOV 1 1956----  
OBM ANNUAL REPTS/ 1906- VOL 15 PT 1 PG 69/ 1907-  
VOL 16 PT 1 PG 41----  
REPORT ON THE MINING AND METALLURGICAL INDUSTRIES  
OF CANADA 1907-08/ MINES BRANCH (DEPT OF MINES)  
OTTAWA/ REPT 24/ PG 389-401

41-121

BALD DOME  
CU(5)41/J/05 46 21 34 083 46 46 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009034) NMI NUMBER (041/J/05/CU/024)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN SYSTEM & BRECCIA ALONG DIABASE-SILTSTONE CONT)REMARKS (ZONE DIPS STEEPLY SOUTH/ WIDTH 80-100 FEET/  
AVERAGE GRADE 0.25% CU)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (045)  
REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--ALONG DIABASE/SEDIMENT CONTACT/CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 52/WNP FIELD)  
COMMENTS (DDH OVER 500FT LENGTH/ZONE 80-100FT WIDE(TRUE)/  
AVG GRADE 0.25% CU)RESERVE: 1956 680,388 TONNES 0.250% CU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 73SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 52----  
/ ODM RESIDENT GEOLOGIST FILE/ SSM-1232/-1233  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE

HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-123

BRUCE MINES  
CU(3) AG(3) AU(3)41/J/05 46 18 03 083 46 48 PLUMMER ADDITIONAL TOWNSHIP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TAYLOR WORKINGS/GSC MAP32-1962)  
CANMINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SULPHIDES IN QTZ-CARBONATE VEINS CUTTING DIABASE)REMARKS (AREA WITH MINERALIZED VEINS DIVIDED INTO 4  
SECTIONS#)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)  
COMMENTS (NO 1 VEIN 8000 FT LONG/NO 2 VEIN APPROX 60 FT W  
OF NO 1/1300 FT LONG)PRODUCTION: 1846 TO 1875 43,175 TONNES CONCENTRATE  
20.000% CU  
COMMENTS (BRUCE/ COPPER BAY/ WELLINGTON)  
REFERENCE (1969 ODM M.R.C.#12/ PG 53)  
PRODUCTION: 1846 TO 1875 75,362 TONNES CONCENTRATE  
20.060% CU  
COMMENTS (APPROX 300000 TONS ORE TREATED)  
REFERENCE (NMI)RESERVE: 1955 142,428 TONNES 1.100% CU  
COMMENTS (IN 2 ZONES)  
REFERENCE (NMI)

MAP(S) (GEOL 2419 OGS/GEOL 32-1962 GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*G1\*----  
1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92  
KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AC\*----  
1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24----  
/ ODM ANN REPTS/ VOLS 10-33/ 1900-1922----  
/ CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47/  
JULY 1939/ PG 424-426/ \*CG\*LOGAN, W.E. 1948  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-1849

41-874

BRUCE MINES-TAYLOR SECTION  
CU(3) AG(3) AU(3)41/J/05 46 18 03 083 46 48 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (WORKINGS/ GSC MAP 32-1962)  
CANMINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARBONATE VEINS CUTTING DIABASE)REMARKS (2400 FT SOUTHWEST OF WELLINGTON SECTION#SHAFT TO  
155FT/DRIFTS FOR 2000)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)PRODUCTION: 1915 TO 1921 119,460 TONNES ORE  
COMMENTS (EXCLUSIVE 1916/ NO GRADE DATA)  
REFERENCE (NMI/ 1969 ODM M.R.C.#12/ PG 53)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 32-1962 GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*G1\*

----- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*A1\*

----- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

----- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

----- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47 AND  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-49

41-124

CAMPBELL-DUKES NO 1  
CU(2)

41/J/05 46 20 46 083 49 34 JOHNSTON/PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009018) NMI NUMBER (041/J/05/CU/023)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ SLFD VEINS ALONG DIABASE-QUARTZITE CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PG)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (SILICIFICATION/HEMATIZATION)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (MINOR OCCURRENCE)

RESERVE: 1956 25,937 TONNES 1.200% CU  
REFERENCE (NMI/ 1957 ODM MRC 2/ PG 73)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1414A GSC)

----- / ODM RESIDENT GEOLOGIST FILES/ SSM-1232 AND -1324

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 54/ \*I\*

41-136

ROCK LAKE MINE  
CU(3) AG(7) AU(7)

41/J/05 46 26 21 083 43 59 ABERDEEN TP/ LOT 3 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009028) NMI NUMBER (041/J/05/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN FAULT BRECCIA ZONE CUTTING SED ROCKS)

REMARKS (ZONE TRACED FOR 9000 FT/12-20 FT WIDE AT MINE/  
GRADE 0.11-0.51% CU)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PG)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/ANKERITE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (015) DIP (50)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MEMOIR 125/PG 126)  
COMMENTS (VEIN 12-20 FT WIDE AT MINE)

PRODUCTION: 1901 TO 1903 39,281 TONNES ORE  
1.760% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1414A GSC)

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG 126/  
\*I\*

----- 1898  
/ ODM (BUREAU OF MINES) REPT 1898 VOL 8 PT 1/ PG  
19 AND 124

----- 1902  
/ ODM (BUREAU OF MINES) REPT 1902 VOL 11/ PG 22  
AND 270-271

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 14/ \*G1\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 81/ \*I\*

----- / ODM RESIDENT GEOLOGIST FILES/ SSM-41 AND -42

FRAREY, M.J. 1977  
GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
MARIE & BLIND RIVER/ GSC MEM 363/ PG 73

41-137

STEINBERG  
CU(3)

41/J/05 46 20 49 083 48 03 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009035) NMI NUMBER (041/J/05/CU/022)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZITE BRECCIA WITH QTZ-CARBONATE-SLFD MATRIX)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PG)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/ANKERITE)  
ALTERATION (SILICIFICATION/HEMATIZATION)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (160) DIP (55)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 56-57/WNP FIELD)  
COMMENTS (FRAGMENTS ALIGNED/DRILLED OVER 600 FT LENGTH TO  
DEPTH OF 400 FT)

PRODUCTION: 1919 126 TONNES ORE  
1.590% CU  
COMMENTS (SHIPPED TO SUBBURY)  
REFERENCE (NMI/ 1969 ODM MRC 12/ PG 56)

RESERVE: 1956 112,490 TONNES 1.100% CU  
COMMENTS (LENGTH 200 FT/ DEPTH 200 FT)  
REFERENCE (NMI/ 1969 ODM MRC 12/ PG 56)  
RESERVE: 1956 60,781 TONNES 1.820% CU  
REFERENCE (SSM-1232)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 73

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 56-57

----- / ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1235

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-145

BILTON OPTION  
CU(3)

41/J/06 46 17 16 083 10 36 PATTON TP/ SEC 27-28  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008474) NMI NUMBER (041/J/06/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS IN GOWGANDA FM)

REMARKS (2 ZONES- EAST & WEST -200 FT APART/ MINOR ORE  
SHIPMENTS -1968)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PG)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE/MAGNETITE)  
GANGUE (QUARTZ/SIDERITE/CALCITE)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (260) DIP (85)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 17/PG 55-58/WNP FIELD)  
COMMENTS (ZONE 2600 FT LONG/TESTED TO DEPTH OF 450FT)

RESERVE: 1977 453,592 TONNES 1.700% CU

REFERENCE (P.MCLAIN PER COMM 1977(TO WNP))  
 RESERVE: 1956 86,327 TONNES 1.720% CU  
 COMMENTS (WIDTH 7.3 FT/DEPTH 200 FT)  
 REFERENCE (NMI)  
 RESERVE: 1962 27,215 TONNES 2.000% CU  
 COMMENTS (MAX TONNAGE/ EST BY RID TINTD)  
 REFERENCE (1963 ODM GEOL REPT/ PG 58)

MAP(S) (GEOL 2012 ODM/GEOL 1415A GSC)

ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA ONTARIO/ ODM GEOL  
 REPT 17/ PG 55/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 49/ \*CG\*  
 THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 72/ \*CG\*  
 ROBERTSON, J.A. 1960  
 GENERAL GEOLOGY OF PART OF THE BLIND RIVER AREA/  
 UNPUBLISHED MSC THESIS QUEENS U/ VOL 1/ 1960 PG  
 227

41-127

BOYEA LAKE-ADIT AREA (EAST ADIT & WEST ADIT AREAS)  
 CU(2)

41/J/06 46 25 50 083 06 50 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NMI)  
 CANINDEX NUMBER (008475) NMI NUMBER (041/J/06/CU/052)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (ADIT AREA SUBDIVIDED INTO EAST ADIT & WEST ADIT  
 (BOTH WITH RESERVES))

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (105) DIP (75)  
 REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

RESERVE: 1970 40,823 TONNES 1.660% CU  
 COMMENTS (ADIT AREA WEST ZONE)  
 REFERENCE (NMI)  
 RESERVE: 1971 75,296 TONNES 2.100% CU  
 COMMENTS (ADIT EAST ZONE/ 2 ORE SHOOT)  
 REFERENCE (NMI)

MAP(S) (GEOL 2032 ODM/GEOL 1415A GSC)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 82/ \*CG\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44/  
 \*CG\*  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
 NO 17/ \*AB\*  
 ----  
 / ODM TORONTO ASSESSMENT WORK LIBRARY/ DRILL LOG  
 REPORT/ SUDBURY CONTACT MINES LTD/ 1952-53  
 ----  
 / ODM SOURCE MINERAL DEPOSIT RECORD/ 000793

41-126

BOYEA LAKE-EAST ZONE  
 CU(2)

41/J/06 46 25 30 083 05 45 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008475) NMI NUMBER (041/J/06/CU/052)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (105) DIP (75)  
 REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

RESERVE: 1970 85,547 TONNES 2.310% CU  
 COMMENTS (EAST ZONE/ DEPTH TO 250 FEET)  
 REFERENCE (NMI/ 1970 NM NOV 26/ PG 107)

MAP(S) (GEOL 2032 ODM/GEOL 1415A GSC)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 82/ \*CG\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44/  
 \*CG\*  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
 NO 17/ \*AB\*

----  
 / ODM TORONTO ASSESSMENT WORK LIBRARY/ DRILL LOG  
 REPORT/ SUDBURY CONTACT MINES LTD/ 1952-53  
 ----  
 1973  
 / ODM SOURCE MINERAL DEPOSIT RECORD/ 000793

41-194

CROWNBRIDGE (IRON BRIDGE/ CANNON)  
 CU(2)

41/J/06 46 28 34 083 02 28 KAMICHISITIT TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009004) NMI NUMBER (041/J/06/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS IN FAULT ZONE CUTTING GOWGANDA FM)

REMARKS (SEVERAL ZONES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 ALTERATION (HEMATIZATION/SILICIFICATION)  
 VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (285) DIP (70)  
 REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 94/WNP FIELD)  
 COMMENTS (ZONE 4200 FT LONG/WIDTH 1-30 FT WITH AVGS. 5 FT/  
 EXPLORED TO DEPTH OF 1000 FT)

RESERVE: 1964 435,448 TONNES 2.050% CU  
 COMMENTS (MAIN ZONE)  
 REFERENCE (NMI/ 1964 NM OCT 29)  
 RESERVE: 1960 172,365 TONNES 2.030% CU  
 COMMENTS (DEPTH 500 FT)  
 REFERENCE (NMI)  
 RESERVE: 1964 122,469 TONNES 2.000% CU  
 COMMENTS (J ZONE)  
 REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

----  
 1968  
 CROWNBRIDGE COPPER MINES LTD/ CANADIAN MINES  
 HANDBOOK 1968-69/ PG 108/ \*I\*  
 ----  
 / NORTHERN MINER/ MAY 27 1965/ MARCH 10 & JULY 28  
 1966/ NOVEMBER 16 & DECEMBER 26 1967  
 ----

/ ODM RESIDENT GEOLOGIST FILES/ SSM-450/-452/-518  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 94  
 THOMSON, J.E. 1952  
 PRELIMINARY REPORT ON COPPER NICKEL LEAD AND ZINC  
 DEPOSITS IN ONTARIO/ ODM PRELIMINARY REPORT  
 1952-4/ PG 8  
 PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-153

GLAGOMA MINE  
 CU(3)

41/J/06 46 17 23 083 12 20 GLADSTONE TP/ LDT 1 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009017) NMI NUMBER (041/J/06/CU/018)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QUARTZ-CARBONATE SULPHIDE VEIN CUTTING GABBRO)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 ALTERATION (HEMATIZATION)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (080) DIP (90)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM GR 17/PG 52-53/WNP FIELD)  
 COMMENTS (WEST SECTION 250 FT LONG/EAST SECTION 400 FT LONG/  
 MAX WIDTH 7 FT)

PRODUCTION: 1917 TO 1917 26 TONNES ORE  
 3.100% CU  
 COMMENTS (CALCULATED GRADE)  
 REFERENCE (NMI/ 1963 ODM GR 17/ PG 53)  
 PRODUCTION: 1962 TO 1962 145 TONNES ORE  
 1.020% CU  
 COMMENTS (CALCULATED GRADE)  
 REFERENCE (NMI/ 1963 ODM GR 17/ PG 53)

MAP(S) (GEOL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
 REPORT NO 17/ PG 53-55/ \*AG\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 25-26/  
 \*GI\*  
 ---- 1972  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-1860

41-116

GOULDING MINE  
 CU(3)

41/J/06 46 15 07 083 02 28 COBDEN TP/ LOT 10 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008481) NMI NUMBER (041/J/06/CU/026)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA QTZITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SETS/VEIN BRECCIAS) STRIKE (305) DIP (85)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 20/PG 62-65)  
 COMMENTS (LIMITED PRODUCTION)

PRODUCTION: MAY/1962 TO JUN/1962 440 TONNES ORE  
 1.400% CU  
 REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL 2028 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 19/ \*CG\*  
 ROBERTSON, J.A. 1964  
 GEOLOGY OF SCARPE MACKENZIE COBDEN AND STRIKER  
 TOWNSHIPS/ ODM GEOL REPT 20/ PG 62-65/ \*AC\*  
 ----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-488

41-188

MILGATE (ABBICAN)  
 CU(2)

41/J/06 46 28 50 083 09 08 NOUVEL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008487) NMI NUMBER (041/J/06/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT HURONIAN SED ROCKS)

REMARKS (2 MAIN VEINS EXPOSED IN 3 SECTIONS-A & B & C  
 ZONES/RESERVES FOR "A")

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
 REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (ODM MRC 12/PG 97)  
 COMMENTS (3 ZONES/'A' 1200FT LONG/'B' 800FT LONG/'C' 300FT

LONG/'A'RESERVE BLOCK 600X10X35FT)

RESERVE: 1957 95,934 TONNES 1.080% CU  
 COMMENTS (L-600FT/W-10FT/D-235FT/A ZONE)  
 REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 71/ \*CG\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 97/ \*CG\*  
 ----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-458/-459/-462/  
 -819

41-323

NORTH MONTGOMERY (DESTORADA/ IRON BRIDGE)  
 CU(2)

41/J/06 46 26 14 083 09 11 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

REMARKS (3 COMPONENT ZONES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)  
 COMMENTS (MAIN VEIN TRACED BY DRILLING FOR 2100 FT/AVG TRUE  
 WIDTH 6-17 FT IN ORE BLOCKS)

RESERVE: 1970 147,677 TONNES 1.730% CU  
 COMMENTS (RECALCULATED RESERVES)  
 REFERENCE (NMI/ 1971 NM MARCH 18/ PG 22)

MAP(S) (GEOL 1415A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
 PG 17  
 ----

/ ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
 TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
 AND TECHNICAL FILES 63.2404 63.2709 & 63.2928  
 ---- 1973

/ ODM SOURCE MINERAL DEPOSIT RECORD 000794  
 FRAREY, M.J. 1977  
 GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
 MARIE & BLIND RIVER/ GSC MEM 383/ PG 73

41-890

NORTH MONTGOMERY NO 1 (DESTORADA NO 1/ IRON BRIDGE)  
 CU(2)

41/J/06 46 26 14 083 09 11 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)

RESERVE: 1952 21,772 TONNES 1.580% CU  
 COMMENTS (EAST ZONE/ DESTORADA NO. 1)  
 REFERENCE (NMI)

RESERVE: 1963 40,900 TONNES 1.960% CU  
 COMMENTS (EAST ZONE/ DESTORADA NO. 1)  
 REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 17

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/ ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
AND TECHNICAL FILES 63.2404 63.2709 & 63.2928  
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1973  
/ ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-880

NORTH MONTGOMERY NO 2 (DESTORADA NO 2/ IRON BRIDGE)  
CU(2)

41/J/06 46 26 15 083 09 20 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (105) DIP (75)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 43-44)

RESERVE: 1963 77,063 TONNES 3.230% CU  
COMMENTS (CENTRAL ZONE/ DESTORADA NO.2)  
REFERENCE (NMI)  
RESERVE: 1952 72,574 TONNES 3.540% CU  
COMMENTS (CENTRE ZONE/ DESTORADA NO.2)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 17

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/ ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
AND TECHNICAL FILES 63.2404 63.2709 & 63.2928  
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/ ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-881

NORTH MONTGOMERY NO 3 (DESTORADA NO 3/ IRON BRIDGE)  
CU(2)

41/J/06 46 26 19 083 09 45 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)

RESERVE: 1952 61,688 TONNES 1.000% CU  
COMMENTS (WEST ZONE/ DESTORADA NO.3)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 17

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/ ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY

TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
AND TECHNICAL FILES 63.2402 63.2709 & 63.2928  
-----  
1973  
/ ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-163

PRINCIPLE STRATEGIC MINERALS  
CU(2)

41/J/06 46 17 40 083 12 46 GLADSTONE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
CANMINDEX NUMBER (008490) NMI NUMBER (041/J/06/CU/048)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 26)  
COMMENTS (MAIN VEIN 940FT LONG/DDH CORE/0.02 TO 4.76% CU/  
WIDTHS RANGE FROM 1.0-7.9FT)

RESERVE: 1957 78,368 TONNES 2.260% CU  
COMMENTS (INDICATED BY DRILLING)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 50-51/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 26/ \*CG\*  
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1966  
/ NORTHERN MINER/ OCT 13 1966  
-----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-60

41-202

SHEBA  
CU(2)

41/J/06 46 29 07 083 06 27 NOUVEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008494) NMI NUMBER (041/J/06/CU/017)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

REMARKS (VEIN TRACED 1000 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 98)  
COMMENTS (ZONE TRACED FOR 100 FT/WEIGHTED AVG DDH/0.59% CU/  
3 FT WIDTH)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 98  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-460/-464

41-169

TWIN LAKES  
CU(2)

41/J/07 46 17 49 082 37 18 ESTEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008515) NMI NUMBER (041/J/07/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)

## GEOLOGY (FAULT ZONES CUT GRANITIC ROCKS W MAFIC INCLUSIONS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (105)  
 REL. TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 23)  
 COMMENTS (DDH VALUES RANGED FROM 1.78% CU/18.9FT TO 0.84%  
 CU/50FT)

RESERVE: 1956 69,762 TONNES 1.730% CU  
 COMMENTS (WIDTH/ 8.04 FT)  
 REFERENCE (NMI)

MAP(S) (GEOLOG P304 ODM/GEOLOG 2185 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 23/ \*CG\*  
 ----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1292/-1298  
 ROBERTSON, J.A. 1970  
 GEOLOGY OF THE SPRAGGE AREA/ ODM GEOL REPT 76/ PG  
 87

41-179

BI-ORE MINE (COBRE LAKE)  
 CU(3)

41/J/10 46 37 52 082 48 00 SAGARD TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009021) NMI NUMBER (041/J/10/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE VEINS IN FISSURE CUTTING SED ROCKS)

REMARKS (2 MAIN VEINS-EAST & WEST)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GORDON LAKE FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/BORNITE/CHALCOCITE/  
 SPECULARITE)  
 GANGUE (QUARTZ/CALCITE)  
 ALTERATION (SUPERGENE COPPER ENRICHMENT/SILICIFICATION/  
 HEMATIZATION)  
 VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (090) DIP (90)  
 REL. TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (ODM VOL 38/PT 7/PG 19-21)  
 COMMENTS (EAST VEIN 850FT LONG/2.5-5FT WIDE/WEST VEIN)

PRODUCTION: 1947 TO 1949 2,472 TONNES CONCENTRATE  
 30.200% CU  
 REFERENCE (NMI/ 1957 ODM MRC 2/ PG 74)

RESERVE: 1973 13,607 TONNES 6.000% CU  
 COMMENTS (KNOWN ORE/ AVERAGE GRADE)  
 REFERENCE (1973 GLOBE & MAIL/JULY 25/P 38)

MAP(S) (GEOLOG 2419 OGS/GEOLOG P304 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 70/ \*I\*  
 THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 74/ \*GI\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-204

41-191

CHENEY MINE  
 CU(3) BA(7)

41/J/11 46 30 14 083 23 58 GOULD TP/ LOT 7 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009031) NMI NUMBER (041/J/11/CU/014)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFD CUT SED ROCKS AND DIABASE)

REMARKS (MAP REF 2 IS AN UNNUMBERED MAP INSERT OPPOSITE  
 PAGE 14)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)

HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
 GANGUE (CALCITE/SIDERITE/ANKERITE/BARITE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090) DIP (50)  
 REL. TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
 --CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 26-27)  
 COMMENTS (ZONE 4000FT LONG/DRILLED TO DEPTH OF 460FT/AVG  
 WIDTH 5FT)

PRODUCTION: 1916 TO 1916 15 TONNES REFINED METAL  
 99.000% CU  
 COMMENTS (3500 TONS ALSO MINED 1966-67)  
 REFERENCE (NMI)

RESERVE: 1960 27,732 TONNES 3.900% CU  
 COMMENTS (MAIN SHOOT)  
 REFERENCE (NMI)

RESERVE: 1960 3,479 TONNES 4.200% CU  
 COMMENTS (LENS WEST OF MAIN SHOOT)  
 REFERENCE (NMI)

RESERVE: 1960 8,014 TONNES 4.200% CU  
 COMMENTS (LENS WEST OF MAIN SHOOT)  
 REFERENCE (1969 ODM MRC 12/ PG 26-27)

MAP(S) (GEOLOG P737 ODM/GEOLOG PG 14 BIBL2)

SUTHERLAND, T.F. 1929  
 MINES OF ONTARIO IN 1927/ ODM ANNUAL REPORT VOL  
 37 PART 1 1928/ PG 157-158/ \*I\*

MOORE, E.S. 1930  
 ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
 ODM ANNUAL REPORT/ VOL 38 PART 7 1929/ PG 10-15

SINCLAIR, D.G. 1931  
 MINES OF ONTARIO IN 1929/ ODM ANNUAL REPORT/ VOL  
 39 PART 1 1930/ PG 79

CHANDLER, F.W. 1976  
 GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
 REPT 155/ PG 36-37

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 26-27

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 / CANADIAN MINES HANDBOOK/ 1943(PG 252)/1960(PG  
 256)/1967-68(PG 291)/1968-69(PG 289 & 296)/  
 1970-71(PG 305)

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-62/-504

41-192

COPPER PRINCE MINE  
 CU(3) AU(6)

41/J/11 46 30 38 083 02 17 KAMICHISITIT TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (ADIT/ OGS MAP 2398)  
 CANMINDEX NUMBER (008541) NMI NUMBER (041/J/11/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA ARKOSE)

REMARKS (FOUR ORE SHOOT ON SURFACE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCITE/SPECULARITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (075)  
 REL. TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (OGS DR 176/ PG 66-67)  
 COMMENTS (MAIN VEIN 1000FT LONG/8-20FT WIDE/FOUR MAJOR  
 SHOOT ON SURFACE)

PRODUCTION: 1972 TO DEC/1972 887 TONNES  
 2.07% CU  
 COMMENTS (60 TONS CONC/23.55% CU)  
 REFERENCE (NMI)

RESERVE: 1972 45,359 TONNES 3.000% CU  
 COMMENTS (NEAR SURFACE)  
 REFERENCE (NMI)

MAP(S) (GEOLOG 2419 OGS/GEOLOG 2399 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 93/ \*CG\*  
 THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 75/ \*CG\*  
 SIEMIATKOWSKA, K.M. 1978  
 GEOLOGY OF THE ENDIKA LAKE AREA/ OGS REPT 178/  
 PG 66-67

41-222

JARDUN MINE (VICTORIA/ CASCADE)  
PB(3) ZN(3) AG(3) CU(3) AU(3) BA(8) FL(8)

41/K/09 46 38 09 084 08 09 DUNCAN & JARVIS TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NO 1 ZONE/ GSC MAP 1412A)  
CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS & VEINS IN GRANITE & DIABASE)

REMARKS (FOUR MAJOR ORE ZONES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE/MAGNETITE/  
ARSENOPYRITE/SPECULARITE/N.SILVER/ARGENTITE)  
GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (165)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 32-33)  
COMMENTS (4 MAJOR ORE ZONES)

PRODUCTION: 1954 TO 1957 31 TONNES REFINED METAL  
99.999% CU  
REFERENCE (ODM MRC 12/ PG 33)

MAP(S) (GEOL 1412A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 8  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
\*CG\*  
FIELD, D.J. 1959  
MINING OPERATIONS IN 1957/ ODM ANN REPT 1958 PT 2/  
VOL 67/ PG 108/ \*I\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-10/ -910  
HAY, R.E. 1963  
THE GEOLOGY OF THE SAULT STE MARIE MAP AREA/  
UNPUBLISHED PHD THESIS/ MCGILL 1963/ PG 281-295  
ALCOCK, F.J. 1930  
ZINC AND LEAD DEPOSITS OF CANADA/ GSC ECON GEOL  
SERIES NO 8/ PG 183-185/ \*C\*  
HURST, M.E. 1929  
CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
ALGOMA/ ODM ANN REPT 1928 PT 3/ VOL 37/ PG 77/ \*C\*

41-320

GOULAIS RIVER (DOUGHTY)  
CU(2) AG(2) PB(7)

41/K/16 46 45 44 084 15 45 VANKOUGHNET TP/ SEC 14  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008584) NMI NUMBER (041/K/16/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS & VEINS IN ALTERED MAFIC METAVOLC ROCKS)

REMARKS (32 ZONES/ SOME QTZ-CRBN-SLFD VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI/WNP FIELD DATA)  
COMMENTS (DRILLING/ZONE 2800FT LONG WITH 3 MINERALIZED  
ZONES/WIDTH 5-15FT)

RESERVE: 1972 226,796 TONNES 2.350% CU  
0.26G/T AG  
COMMENTS (THREE ZONES)  
REFERENCE (NMI)

MAP(S) (GEOL P302 ODM/GEOL 35A ODM)

GUILLET, G.R. 1971  
ANNUAL REPORT OF RESIDENT GEOLOGISTS SECTION  
GEOLOGICAL BRANCH 1970/ ODM MISCELLANEOUS PAPER  
46/ PG 92-93

1973  
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/ THE NORTHERN MINER/ JAN 11 & 18 1973/ JUNE 14  
1973

41-234

KRISTINA MINE (SUPERCREST/ SUPERIOR COPPER)  
CU(3) PB(7)

41/K/16 46 53 07 084 05 25 LAYERENDRYE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NO 6 SHAFT/ PEARSON VERIF 1977)  
CANMINDEX NUMBER (008736) NMI NUMBER (041/K/16/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN GRANITIC ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/GALENA)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110) DIP (65)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 75)

PRODUCTION: 1903 TO 1907 295 TONNES REFINED METAL  
99.999% CU  
COMMENTS (PROD 1903/ 1905-1907)  
REFERENCE (ODM MRC 12/ PG 75)

RESERVE: 1969 335,104 TONNES 1.950% CU  
COMMENTS (PROBABLE AND POSSIBLE ORE)  
REFERENCE (ODM MRC 12/ PG 75)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 75/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-36/ -38/ -40/  
-672  
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/ ODM ANN REPORTS/ VOL 11 1902/ PG 274-275/ VOL 12  
1903/ PG 100/ VOL 13 PT 1 1904/ PG 82/ VOL 14 PT  
1 1905/ PG 41 & 61/ VOL 15 PT 1 1906/ PG 68-69/  
VOL 16 PT 1 1907/ PG 72/ VOL 17 1908/ PG 79-80

41-240

COPPERCORP MINE  
CU(3) AG(3) AU(3)

41/N/02 47 01 29 084 45 15 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (C ZONE/ ODM MAP 2251)  
CANMINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (5 MAJOR ZONES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
GANGUE (CALCITE/QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (345) DIP (60)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (HESLOP MSC THESIS 1970)

PRODUCTION: NOV/1965 TO NOV/1967 348,602 TONNES ORE  
1.370% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI)  
PRODUCTION: 1965 TO DEC/1972 849,547 TONNES ORE  
1.154% CU 0.06G/T AU 8.33G/T AG  
COMMENTS (PROD 1965-71/ CALC GRADE)  
REFERENCE (ODM SMDR 000852)

RESERVE: 1957 1,360,777 TONNES 1.700% CU  
COMMENTS (DEPTH TO 550 FT)  
REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

HESLOP, J.B. 1970  
GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
UNIVERSITY 1970/ 103 PAGES

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 45-46/  
\*CG\*

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/ NORTHERN MINER/ NOV 18 1965/ JAN 25 AND JULY 18  
1968



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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-159

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

MOORE, E.S. 1927  
 BATCHAWANA AREA DISTRICT OF ALGOMA/ ODM ANNUAL  
 REPORT/ VOL 35 PT 2 1926/ PG 82-83

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87/ NO 4/ PG 77-79/ \*AC\*

41-887

COPPERCORP-SILVER CK SOUTH (SILVER CREEK SOUTH ZONE)  
 CU(3) AG(3) AU(3)

41/N/02 47 01 32 084 45 31 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2251)  
 CANMINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (010) DIP (55)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS)

RESERVE: 1965 444,520 TONNES 2.300% CU  
 COMMENTS (SILVER CREEK SOUTH)  
 REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87/ NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
 GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
 ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

41-889

COPPERCORP MINE-C ZONE  
 CU(3) AG(3) AU(3)

41/N/02 47 01 29 084 45 15 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
 CANMINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH C2 ZONE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (345) DIP (60)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS 1970)  
 COMMENTS (ZONE 5400FT LONG/AVG WIDTH 8FT)

RESERVE: 1965 362,873 TONNES 2.300% CU  
 COMMENTS (C AND C-2 ZONES COMBINED)  
 REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87 NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
 GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA

ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

41-886

COPPERCORP MINE-SB ZONE  
 CU(3) AG(3) AU(3)

41/N/02 47 01 18 084 45 05 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
 CANMINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH SILVER CK NORTH ZONE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (021)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS 1970)  
 COMMENTS (ZONE 3600FT LONG/SUBPARALLEL TO C ZONE)

RESERVE: 1965 589,670 TONNES 2.100% CU  
 COMMENTS (SILVER CREEK NORTH & SB ZONES)  
 REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87 NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
 GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
 ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

41-245

JOGRAN (BJORNAS-DALE)  
 CU(2) MO(2) AG(6)

41/N/02 47 02 35 084 36 55 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008613) NMI NUMBER (041/N/02/CU/004)

CU DEPOSIT TYPE (PORPHYRY)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
 GEOLOGY (DISSEM & FRACTURE SPLDS IN QTZ-FELDSPAR PORPHYRY)

REMARKS (KEWEENAWAN AGE PORPHYRY COPPER DEPOSIT)

TYPE (PORPHYRY)

SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN FELSIC INTRUSIONS)  
 ORE MNRLS (CHALCOPYRITE/MOLYBDENITE/PYRITE)  
 ALTERATION (SERICITIC/CHLORITIC/CARBONATIZATION/POTASH  
 FELDSPAR)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 60-61)  
 COMMENTS (QFP PLUG 600FT IN DIAMETER/MIN DEPTH 680FT/AVG  
 GRADE 0.19% CU & 0.053% MOS2)

MAP(S) (GEOL P555 ODM/GEOL 2251 ODM)

JOHNSTON, F.J. 1968  
 MOLYBDENUM DEPOSITS IN ONTARIO/ ODM MINERAL  
 RESOURCES CIRCULAR NO 7/ PG 11

BLECHA, M. 1974  
 BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CIM BULL VOL 68/ NO 748/ PG 71-76

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 60-61/  
 \*CG\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR VOL  
 87/ NO 4/ PG 77-80/ \*AC\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-595/ -639/  
 -944/ -1073/ -1167

PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 303/ \*I\*

ARMBRUST, G.A. 1979  
GEOLOGY OF THE JOGRAN DISSEMINATED CU-MO DEPOSIT/  
DGS GEOSCIENCE RESEARCH SEMINAR/ DEC 5-6 1979/ PG  
1-2

41-248

MARICONA  
CU(2)

41/N/02 47 08 31 084 43 35 SLATER TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (C) COMMENTS {DUMP/ W PEARSON VERIFIED 1977}  
CANMINDEX NUMBER {008616} NMI NUMBER {041/N/02/CU/027}

CU DEPOSIT TYPE {CU SULPH-NATIVE CU IN VOLC}  
CU DEPOSIT STATUS {DEPOSIT WITH RESERVES}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {SLFDS IN VEIN BRECCIAS CUTTING KEWEENAWAN BASALTS}

REMARKS {3 ZONES}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CC-BN-NATIVE CU}  
SIZE {1,000 - 10,000 TONNES CONTAINED CU}  
HOST {KEWEENAWAN VOLCANICS}  
ORE MNRLS {CHALCOCITE/CHALCOPYRITE/BORNITE/N. COPPER/  
SPECULARITE}  
GANGUE {CALCITE}  
VEIN TYPE {VEIN BRECCIAS} STRIKE {310} DIP {45}  
REL TO NIP DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
SOURCE {NMI/ODM MRC 12/PG 58}  
COMMENTS {3 ZONES 240/258/400FT LONG/AVG TRUE WIDTH 6.4/9/  
8FT/GRADES 1.38/1.09/1.16% CU}

RESERVE: 1956 267,986 TONNES 1.170% CU  
COMMENTS {RESERVES IN 3 SECTIONS}  
REFERENCE {NMI}

MAP(S) {GEOLOGICAL 1951-8 ODM/GEOL 1955-1 ODM}

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 79/ \*CG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 58/ \*CG\*  
NUFFIELD, E.W. 1956  
GEOLOGY OF THE MONTREAL RIVER AREA/ ODM ANNUAL  
REPORT/ VOL 64 PT 3 1955/ PG 11/ \*A\*  
ANNELLS, R.N. 1972  
PROTEROZOIC FLOOD BASALTS OF EASTERN LAKE  
SUPERIOR/ THE KEWEENAWAN VOLCANIC ROCKS OF THE  
MAMAINSE POINT AREA ONTARIO/ GSC PAPER 72-10  
PYE, E.G. 1975  
ANNUAL REPORT OF THE REGIONAL AND RESIDENT  
GEOLOGISTS/ ODM MISC PAPER 60/ PG 161  
MOORE, E.S. 1927  
BATCHAWANA AREA DISTRICT OF ALGOMA/ ODM ANNUAL  
REPORT/ VOL 35 PT 2 1926/ PG 81  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-292/ -294

41-254

PANCAKE LAKE {RICHARDS}  
CU(2)

41/N/02 47 03 40 084 37 50 KINCAID & RYAN TPS  
GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
ENTITY CODED (S) COMMENTS {DDH/ ODM MAP 2251}  
CANMINDEX NUMBER {008625} NMI NUMBER {041/N/02/CU/003}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
CU DEPOSIT STATUS {DEPOSIT WITH RESERVES}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {QTZ-SLFD VEINS IN FAULT ZONE CUTTING METAVOLCANICS}

REMARKS {DRILLING OVER 300 FT LENGTH/ WIDTH 21.5 FT/ DEPTH  
200 FT/ 0.76% CU}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
SIZE {1,000 - 10,000 TONNES CONTAINED CU}  
HOST {ARCHEAN METAVOLCANIC ROCKS}  
ORE MNRLS {CHALCOPYRITE/PYRITE/BORNITE}  
GANGUE {QUARTZ}  
VEIN TYPE {VEIN SWARM(S)} STRIKE {140} DIP {90}  
REL TO NIP DIABASE {UNCERTAIN OR OTHER}  
SOURCE {ODM MRC 12/PG 38-39}  
COMMENTS {ZONE 310FT LONG/TRUE WIDTH 21.5FT/GRADES 0.76% CU  
TO DEPTH OF 200FT}

MAP(S) {GEOLOGICAL P553 ODM/GEOL 2251 ODM}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 38-39/  
\*CG\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-522/ -655

41-420

TRIBAG  
W(2) CU(3) AG(3) AU(3) MO(8) ZN(8) PB(8)

41/N/02 47 05 09 084 30 30 NICOLET TP  
GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
ENTITY CODED (C) COMMENTS {BRETON ZONE/ PEARSON VERIF 77}  
CANMINDEX NUMBER {008624} NMI NUMBER {041/N/02/CU/005}

CU DEPOSIT TYPE {PORPHYRY}  
CU DEPOSIT STATUS {PAST PRODUCER}  
CANMINDEX DEPOSIT TYPE {STOCKWORK/BRECCIA PIPE}  
GEOLOGY {BRECCIA PIPES WITH QTZ-CARBONATE-SLFD MATRICES}

REMARKS {4 ZONES/ PRODUCTION 1967-1973 FROM BRETON & WEST  
BRECCIAS}

TYPE {PORPHYRY}

SIZE {100,000 - 1,000,000 TONNES CONTAINED CU}  
HOST {ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES}  
ORE MNRLS {CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
MARCASITE/MOLYBDENITE/SCHHEELITE}  
GANGUE {QUARTZ/CALCITE/BARITE/OTHER}  
REL TO NIP DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
SOURCE {ECON GEOL VOL 64/PG 551-563}  
COMMENTS {BRETON/WEST/EAST AND SOUTH BRECCIAS}

PRODUCTION: 1967 TO 1972 900,369 TONNES ORE  
1.710% CU  
COMMENTS {AG INCOMPLETE FIGURES}  
REFERENCE {NMI}

PRODUCTION: 1967 TO 1971 726,332 TONNES ORE  
1.736% CU 0.016/T AU 10.526/T AG  
COMMENTS {CALC GRADE}

PRODUCTION: 1967 TO 1974 1,104,681 TONNES ORE  
1.530% CU  
COMMENTS {CALC GRADE}  
REFERENCE {ODM SMDR 000849}

RESERVE: 1968 929,864 TONNES 2.310% CU  
COMMENTS {H ZONE}  
REFERENCE {NMI}

RESERVE: 1968 544,310 TONNES 2.200% CU  
COMMENTS {POSITIVE RESERVES}  
REFERENCE {NMI}

RESERVE: 1982 907,184 TONNES  
COMMENTS {0.18% W IN TAILINGS PILE}

RESERVE: 1982 90,718 TONNES  
COMMENTS {0.8% W {RANGE OF 0.6% TO 1.0%}}  
REFERENCE {N. MINER NOV 25 1982/ PG A3}

MAP(S) {GEOLOGICAL P361 ODM/GEOL FIG1 BIBL 2}

ARMBRUST, G.A. 1969  
HYDROTHERMAL ALTERATION OF A BRECCIA PIPE DEPOSIT  
TRIBAG MINE BATCHAWANA BAY ONTARIO/ ECON GEOL VOL  
64/ PG 551-563

BLECHA, M. 1965  
GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
TRANS VOL 68/ PG 321-326/ \*AC\*

BLECHA, M. 1969  
THE ORIGIN OF THE BRETON BRECCIA BATCHAWANA AREA  
ONTARIO/ UNPUBLISHED PHD THESIS MCGILL UNIVERSITY  
1969

BLECHA, M. 1974  
BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
COPPER DISTRICT/ CAN INST MINING MET BULL/ VOL 67  
NO 748/ PG 71-76/ \*AC\*

GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENT IN THE  
BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/  
PG 77-80/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 80/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-247 TO 253/  
-635/-894

41-423

TRIBAG MINE-BRETON BRECCIA  
CU(3) AG(3) AU(3) MO(7) ZN(8) PB(8)

41/N/02 47 05 09 084 30 30 NICOLET TP  
GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
ENTITY CODED (C) COMMENTS {SHAFT/ W PEARSON VERIFIED 1977}  
CANMINDEX NUMBER {008624} NMI NUMBER {041/N/02/CU/005}

CU DEPOSIT TYPE {PORPHYRY}  
CU DEPOSIT STATUS {PAST PRODUCER}  
CANMINDEX DEPOSIT TYPE {STOCKWORK/BRECCIA PIPE}  
GEOLOGY {BRECCIA PIPE WITH QTZ-CARBONATE-SLFD MATRIX}

REMARKS {3 OR 4 MAJOR ORE ZONES/ SEE ALSO NMI 41 N 2 CU 32}

## TYPE (PORPHYRY)

SIZE {10,000 - 100,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS}  
 ORE MNRLS {CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
 MARCASITE/MOLYBDENITE/SCHEELITE}  
 GANGUE {QUARTZ/CALCITE/BARITE/OTHER}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ECON GEOL VOL 64/PG 551-563}  
 COMMENTS {BRETON PIPE 1300FT LONG/400FT WIDE AT SURFACE/  
 WIDENS SLIGHTLY W DEPTH/DDH-2175FT}

RESERVE: 1968 2,267,961 TONNES 1.570% CU  
 COMMENTS {BRETON BRECCIA/ SOME AG}  
 REFERENCE {NMI}  
 RESERVE: JUL/1965 2,993,709 TONNES 1.750% CU  
 COMMENTS {BRETON BRECCIA}  
 REFERENCE {CAN MIN JOUR/ V 87 NO 4/ PG 79}  
 RESERVE: DEC/1967 67,632 TONNES 1.750% CU  
 COMMENTS {BRETON BRECCIA/RECOVERABLE MOS}  
 REFERENCE {NMI}

MAP(S) {GEOL P361 ODM/GEOL FIG 3 BIBL4}

ARMBRUST, G.A. 1969  
 HYDROTHERMAL ALTERATION OF A BRECCIA PIPE DEPOSIT  
 TRIBAG MINE BATCHAWANA BAY ONTARIO/ ECON GEOL VOL  
 64/ PG 551-563

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 TRANS VOL 68/ PG 321-326/ \*AC\*

BLECHA, M. 1969  
 THE ORIGIN OF THE BRETON BRECCIA BATCHAWANA AREA  
 ONTARIO/ UNPUBLISHED PHD THESES MCGILL UNIVERSITY  
 1969

BLECHA, M. 1974  
 BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MINING MET BULL VOL 67  
 NO 748/ PG 71/ \*AC\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENT IN THE  
 BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/  
 PG 77-80/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 80/ \*CG\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-247 TO -253/  
 -635/ -894

## 41-426

TRIBAG-EAST BRECCIA ZONE  
 CU(2) MO(2) AG(8)

41/N/01 47 05 31 084 28 42 NICOLET TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED (S) COMMENTS {ADIT/ W PEARSON VERIFIED 1977}  
 CANINDEX NUMBER {008624} NMI NUMBER {041/N/02/CU/032}

CU DEPOSIT TYPE {PORPHYRY}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANINDEX DEPOSIT TYPE {STOCKWORK/BRECCIA PIPE}  
 GEOLOGY {BRECCIA ZONE AT CONTACT OF GRANITE & METAVOLC RKS}

REMARKS {SEE ALSO NMI 41 N 1 CU 7}

TYPE {PORPHYRY}

SIZE {100,000 - 1,000,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES}  
 ORE MNRLS {CHALCOPYRITE/PYRITE/MOLYBDENITE}  
 GANGUE {QUARTZ/CARBONATE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {CIM BULL VOL 67/NO 748}  
 COMMENTS {ZONE 2000FT LONG/1000FT WIDE/DEPTH UNKNOWN}

RESERVE: 1974 113,398,092 TONNES 0.130% CU  
 0.024% MO  
 COMMENTS {MINOR BUT RECOVERABLE AG}  
 REFERENCE {CIM BULL/ VOL 67 NO 748/ PG 71}  
 RESERVE: 1974 3,878,214 TONNES 0.270% CU  
 0.024% MO  
 COMMENTS {HIGHER GRADE ZONE}  
 REFERENCE {CIM BULL/ VOL 67 NO 748/ PG 71}

MAP(S) {GEOL P361 ODM/GEOL FIG 3 BIBL 3}

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 BULL VOL 58/ PG 1077-1082/ \*AC\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENT IN THE  
 BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/  
 PG 77-80/ \*AC\*

BLECHA, M. 1974  
 BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MIN MET BULL/ VOL 67 NO  
 748/ PG 71/ \*AC\*

## 41-424

TRIBAG MINE-WEST BRECCIA  
 CU(3) AG(3) AU(8) W(8) PB(8) ZN(8)

41/N/02 47 04 51 084 30 36 TOWNSHIP 28 RANGE 13  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED (S) COMMENTS {ADIT/ W PEARSON VERIFIED 1977}  
 CANINDEX NUMBER {008624} NMI NUMBER {041/N/02/CU/005}

CU DEPOSIT TYPE {PORPHYRY}  
 CU DEPOSIT STATUS {PAST PRODUCER}  
 CANINDEX DEPOSIT TYPE {STOCKWORK/BRECCIA PIPE}  
 GEOLOGY {BRECCIA PIPE WITH QTZ-CARBONATE-SLFD MATRIX}

TYPE {PORPHYRY}

SIZE {10,000 - 100,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS}  
 ORE MNRLS {CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
 MARCASITE/MOLYBDENITE/SCHEELITE}  
 GANGUE {QUARTZ/CALCITE/BARITE/OTHER}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ECON GEOL VOL 64/PG 551-563}  
 COMMENTS {WEST BRECCIA 2000FT LONG/700FT WIDE AT SURFACE}

RESERVE: DEC/1971 429,688 TONNES 1.600% CU  
 COMMENTS {BRETON & WEST BRECCIAS}  
 REFERENCE {NMI}  
 RESERVE: DEC/1972 156,307 TONNES 1.420% CU  
 COMMENTS {BRETON & WEST BRECCIAS}  
 REFERENCE {NMI}

MAP(S) {GEOL P361 ODM/GEOL 2251 ODM}

BLECHA, M. 1974  
 BATCHAWANA AREA A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MIN MET BULL/ NO 748  
 VOL 67/ \*AC\*

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 BULL VOL 58/ PG 1077-1082/ \*AC\*

PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 303/ \*I\*

41-16

FOSTER TP-TUNGSTEN (ST LEONARD LAKE)  
W(7) CU(7) ZN(7) MD(7) AS(7) BI(7) AG(7) SN(7)  
41/1/04 46 13 52 081 38 52 FOSTER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009023) NMI NUMBER (041/1/04/W/002)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (DISSEM IN SKARN & QUARTZ VEINS WITHIN SEDIMENTS)  
REMARKS (6 NE-TRENDING ZONES/MINERALIZATION ERRATIC/SHORT SECTIONS OVER 1% WO3)

TYPE (SKARN)  
SUBTYPE (W-CU-MD-ZN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (SCHEELITE/PYRRHOTITE/PYRITE/SPHALERITE/  
MOLYBDENITE/POWELLITE/ARSENOPYRITE)  
GANGUE (CALC-SILICATES/QUARTZ)  
REL. TO NIP. DIABASE (SKARN)  
SOURCE (WNP 1978/ODM GR 131/PG 59-61)  
COMMENTS (EXTENSIVE BUT ERRATIC MINERALIZATION)  
MAP(S) (GEOLOG FIG 46-3 BIB/GEOLOG 2311 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 242-243/  
\*1\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 291 & 294-5/ \*AC\*  
/ ODM RESIDENT GEOLOGIST FILES/ SUDBURY  
CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 59-61/ \*AC\*

41-17

HALLAM  
CU(2)

41/1/04 46 13 08 081 52 46 HALLAM TP/ LOT 7 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009061) NMI NUMBER (041/1/04/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (BRECCIA ZONE IN GREYWACK & QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP 1977 FIELD DATA)  
COMMENTS (ZONE 100 FT LONG/3 FT WIDE TO A KNOWN DEPTH OF  
120 FT/ AVG GRADE 3% CU)

RESERVE: 1968 3,265 TONNES 3.000% CU  
COMMENTS (CALCULATED FROM MRC 12 DATA)  
REFERENCE (ODM MRC 12/ PG 247)

MAP(S) (GEOLOG P668 ODM/GEOLOG 2361 ODM)

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/ ODM RESIDENT GEOLOGIST FILES/ SUDBURY  
1968  
/ NORTHERN MINER/ FEB 8 & MAR 14 1968  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 247

41-18

OWENS (MONGOWIN)  
NI(2) CU(2) FE(8) AU(8)

41/1/04 46 11 06 081 47 55 MONGOWIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009022) NMI NUMBER (041/1/04/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEMINATED & MASSIVE SULPHIDES IN PERIDOTITE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE/MAGNETITE)  
GANGUE (OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 131/PG 48-49/WNP FIELD)  
COMMENTS (DISSEM & MASSIVE SFLDS IN PERIDOTITE/UNUSUAL  
COLLOFORM MAGNETITE)

RESERVE: 1976 90,718 TONNES 0.270% CU  
0.530% NI  
COMMENTS (DRILL INDICATED)  
REFERENCE (1976 NM FEB 5)

MAP(S) (GEOLOG 2361 ODM/GEOLOG 2312 ODM)

CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 48/ \*AC\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 295/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 257/ \*1\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 98-99/ \*1\*  
MOORE, E.S. 1932  
A MAGNETITE VEIN OF ABNORMAL TYPE/ ECONOMIC  
GEOLOGY/ VOL 27 NO 4/ PG 387-390/ \*1\*

41-19

WALLACE MINE  
CU(7) NI(7)

41/1/04 46 06 25 081 44 50 MONGOWIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2312)  
CANMINDEX NUMBER (009062) NMI NUMBER (041/1/04/CU/003)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS-MASS AT CONTACTS OF 2 GABBRO DIKES & ARGILLITE)

REMARKS (SFLDS AT OR NEAR CONTACTS OF DIKES IN SHEARED  
SERICITIC ARGILLITE)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE/PENTLANDITE)  
GANGUE (QUARTZ/OTHER)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM GR 131/PG 50)  
COMMENTS (SFLDS MAINLY DISSEM IN METASEDIMENTS)  
MAP(S) (GEOLOG 2317 ODM/GEOLOG 2312 ODM)

CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 50/ \*AC\*  
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/ ODM RESIDENT GEOLOGIST FILES/ SUDBURY  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 257

41-20

ANDREWS  
CU(7) NI(7)

41/1/05 46 17 30 081 42 30 BALDWIN TP/ LOT 2 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (CTR OF PITS/ NMI)  
CANMINDEX NUMBER (009046) NMI NUMBER (041/1/05/CU/018)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SFLDS IN DIABASE)

REMARKS (SEVERAL SMALL ZONES IN AREA)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (OTHER)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM VOL 61/PT 4/PG 30-31)  
COMMENTS (GRAB SAMPLE 1.51% CU/0.74% NI)

MAP(S) (GEOL 1952-1 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 229

DOUGLAS, G.V. 1926  
THE WHISKEY LAKE AREA/ ODM ANN REPORT/ VOL 34 PT  
4 1925/ PG 43

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPORT/ VOL  
61 PT 4 1952/ PG 30-31/ \*A\*

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ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-21

SPANISH RIVER MINE (BRISMIL/ BALDWIN)  
CU(3) AU(3) AG(3)

41/I/05 46 21 42 081 45 27 BALDWIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009049) NMI NUMBER (041/I/05/CU/013)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (STRINGERS & DISSEM IN CHERTY QUARTZITE)

REMARKS (2 ZONES/ MAIN ZONE AND WESTERN ZONE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION/RAMSAY LAKE FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/CUBANITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SILICIFICATION)  
STRIKE (083) DIP (71)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA/NMI)

PRODUCTION: JUN/1969 TO SEP/1970 132,735 TONNES ORE  
1.200% CU 0.066/T AU 1.30G/T AG  
COMMENTS (GRADES CALC FROM PROD DATA)  
REFERENCE (ODM SMDR 000833)

PRODUCTION: JUN/1969 TO SEP/1970 1,599 TONNES REFINED METAL  
99.000% CU  
REFERENCE (ODM SMDR 000833)

PRODUCTION: 1969 TO 1970 132,736 TONNES ORE  
0.076/T AU 1.27G/T AG  
COMMENTS (CALC GRADE)  
REFERENCE (ODM SMDR 000833)

RESERVE: 1968 992,757 TONNES 1.490% CU  
COMMENTS (WITHOUT DILUTION/ 2 ZONES)  
REFERENCE (ODM MRC 12/ PG 230)

RESERVE: 1968 638,557 TONNES 1.580% CU  
COMMENTS (LENS/ IS PART OF MAIN ZONE)  
REFERENCE (ODM MRC 12/ PG 230)

RESERVE: 1968 1,500% CU  
COMMENTS (WESTERN ZONE/ 1000 TONS/V. FT)  
REFERENCE (NM JULY 18/ 68/ PG 3)

MAP(S) (GEOL P668 ODM/GEOL 1952-1 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPORT/ VOL  
61 PT 4 1952/ PG 32/ \*A\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 91

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/ CANADIAN MINING JOURNAL/ VOL 77 NO 11/ PG 174

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 230

HANNILA, J.J.  
PETROGRAPHIC & MINEROGRAPHIC STUDY OF SAMPLES  
FROM THE SPANISH RIVER MINE/ UNPUBL BSC THESIS/  
LAURENTIAN UNIVERSITY 1970

----  
/ THE NORTHERN MINER/ OCT 4 1956

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 300-303/ \*AC\*

41-22

FALCONBRIDGE SHAKESPEARE (SUDBURY SHAKESPEARE)  
CU(2) NI(2) AU(8) V(8) PT(8) PD(8) RE(8)

41/I/05 46 21 02 081 49 49 SHAKESPEARE TP/LOT 1 & 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009051) NMI NUMBER (041/I/05/CU/011)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM & VEINLETS & BLEBS IN NIPISSING METAGABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (WNP/ ODM GR 139/PG 42)

RESERVE: 1952 3,175,146 TONNES 0.400% CU  
0.340% NI  
COMMENTS (RANGE 3-4 MILLION TONS GIVEN)  
REFERENCE (ODM MRC 12/PG 264)

MAP(S) (GEOL P668 ODM/GEOL 2313 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 25-26

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 90

SHKLANKA, R. 1969  
COPPER/NICKEL/LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 264

CARD, K.D. 1976  
GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPT 139/ PG 42/ \*AC\*

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 295-7 (& FIG 46-4)/  
\*AC\*

41-23

FENSOM (ELLA LAKE)  
ZN(2) CU(2)

41/I/05 46 18 12 081 32 22 LORNE TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/ ODM MAP 2062)  
CANMINDEX NUMBER (008656) NMI NUMBER (041/I/05/ZN/001)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (MASS & DISS SLFD/ FRACT-BRECC ZONE IN SUBGREYWACKE)

REMARKS (SEVERAL ZONES OCCUR OVER TOTAL WIDTH OF 200 FT &amp; LENGTH OF 500 FT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (PECORS FORMATION)  
ORE MNRLS (SPHALERITE/PYRRHOTITE/CHALCOPYRITE/PYRITE)  
STRIKE (030) DIP (75)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 35/PG 38-40)  
COMMENTS (DEPOSIT 550FT LONG/SEVERAL ZONES ACROSS TOTAL  
WIDTH OF 200FT)

RESERVE: 1952 141,520 TONNES 0.300% CU  
5.170% ZN  
COMMENTS (AVG WIDTH 8.86 FT)  
REFERENCE (ODM MRC 12/ PG 254)

RESERVE: 1952 44,452 TONNES  
4.800% ZN  
COMMENTS (NARROWER BODIES)  
REFERENCE (ODM MRC 12/ PG 254)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 253/ \*CG\*

GINN, R.M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPT 35/ PG 38-40/ \*AC\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 37/ \*I\*

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1972  
THE NORTHERN MINER/ JAN 20 1972/ PG 5

41-25

KEBA (GAUTHIER)  
CU(7) NI(7)

41/I/05 46 21 54 081 39 37 NAIRN AND HYMAN TNS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP 2062)  
CANMINDEX NUMBER (009055) NMI NUMBER (041/I/05/CU/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN METAGABBRO)

REMARKS (2 ZONES APPROX 1300 FT APART)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE/PENTLANDITE)  
 GANGUE (OTHER)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 35/PG 36)  
 COMMENTS (DISSEM SFLDS IN GABBRO & SEDIMENTARY INCLUSIONS/  
 LARGEST ZONE 1-12FT W OVER 53OFT)

MAP(S) (GEOL P688 ODM/GEOL 2062 ODM)

MOORE, E.S. 1930  
 ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
 ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 33-35

THOMSON, J.E. 1950  
 PRELIMINARY REPORT ON COPPER NICKEL LEAD AND ZINC  
 DEPOSITS OF ONTARIO/ ODM PRELIMINARY REPORT/  
 1950-4/ PG 5

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 95

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS DISTRICT OF  
 SUDBURY/ ODM GEOL REPORT 34/ PG 31

GINN, R.M. 1965  
 GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
 REPORT 35/ PG 36

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-26

KORDAL  
 CU(2) NI(2) CO(6)

41/1/05 46 22 46 081 37 17 HYMAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NO 1 ZONE/ ODM MAP 2055)  
 CANMINDEX NUMBER (004832) NMI NUMBER (041/1/05/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SFLDS IN METAGABBRO)

REMARKS (4 ZONES/ RESERVES ARE FOR MAIN ZONE (UNCERTAIN  
 WHICH ZONE THIS IS))

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 31)  
 COMMENTS (MAIN ZONE 10FT WIDE/22OFT LONG & 6OFT THICK/AVG  
 GRADE 0.4% CU & 0.4% NI)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOL  
 REPORT NO 34/ PG 31/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250-251/  
 \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-26D

KORDAL-NO 4 ZONE  
 CU(7) NI(7) CO(7)

41/1/05 46 22 45 081 35 33 HYMAN TP/ LOT 3 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANMINDEX NUMBER (004832) NMI NUMBER (041/1/05/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SFLDS IN METAGABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 31)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOL  
 REPORT NO 34/ PG 31/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250/ \*CG\*

41-861

KORDAL-NO 1 ZONE  
 CU(7) NI(7) CO(7)

41/1/05 46 22 46 081 37 17 HYMAN TP/ LOT 6 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANMINDEX NUMBER (004832) NMI NUMBER (041/1/05/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SFLDS IN METAGABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 31)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOL  
 REPORT NO 34/ PG 31/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250/ \*CG\*

41-862

KORDAL-NO 2 ZONE  
 CU(7) NI(7) CO(7)

41/1/05 46 22 07 081 37 13 HYMAN TP/ LOT 6 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANMINDEX NUMBER (004832) NMI NUMBER (041/1/05/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SFLDS IN METAGABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 31)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOL  
 REPORT NO 34/ PG 31/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250/ \*CG\*

41-863

KORDAL-NO 3 ZONE  
 CU(7) NI(7) CO(7)

41/1/05 46 23 03 081 36 43 HYMAN TP/ LOT 5 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANMINDEX NUMBER (004832) NMI NUMBER (041/1/05/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SFLDS IN METAGABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 31)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOL  
 REPORT NO 34/ PG 31/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 250/ \*CG\*

41-27

NORANDA SHAKESPEARE

CU(2) CO(7) PB(7) AG(7) ZN(7) AU(7)

41/1/05 46 20 33 081 49 47 SHAKESPEARE TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009078) NMI NUMBER (041/1/05/CU/035)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (PODS& STRINGERS IN ELONGATE ZONES IN CHERTY QTZITE)REMARKS (ZONE 1900 FT LONG/ AVERAGE GRADE 0.97% CU OVER 10  
FT)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE/GALENA)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
STRIKE (068) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 139/PG 41/ WNP FIELD)RESERVE: 1956 344,730 TONNES 0.967% CU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOL 2313 ODM/GEOL 2361 ODM)

MOORE, E.S. 1930

ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PT 7 1929/ PG 26-27

THOMSON, J.E. 1957

COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 97

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 265

CARD, K.D. 1976

GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOLOGICAL REPT 139/ PG 41/ \*AC\*

PEARSON, W.W. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 300 (& FIGURE 46-10)/  
\*AC\*

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-28

PETERSON (MOGUL)

CU(7) NI(7) CO(7)

41/1/05 46 17 29 081 39 19 NAIRN TP/ LOT 9 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2062)  
CANMINDEX NUMBER (009085) NMI NUMBER (041/1/05/CU/027)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN METAGABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/CHALCOPYRITE/PYRRHOTITE)  
GANGUE (OTHER)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 35/PG 36-37)  
COMMENTS (CORE ASSAYS RANGED FROM 0.06-1.33% CU/ONE SAMPLE  
0.05% NI)

MAP(S) (GEOL 2062 ODM/GEOL P668 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 258

GINN, R.M. 1965

GEOLOGY OF NAIRN AND LORNE TOWNSHIPS DISTRICT OF  
SUDBURY/ ODM GEOLOGICAL REPORT NO 35/ PG 36-37/  
\*A\*

41-29

SPRINGER (LOT 11 N 1/2 CON 4) (MCKERROW/ UNITED COBALT/ ERIE)  
CU(6) AU(7) NI(7) CO(7)41/1/05 46 19 43 081 48 00 BALDWIN TP/ LOT 11 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (VEIN/ ODM MAP 1952-1)  
CANMINDEX NUMBER (009041) NMI NUMBER (041/1/05/CU/023)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ SLFD VEIN IN SHEARED GABBRO)REMARKS (A SECOND QTZ VEIN (MOSTLY BARREN) 1700 FT TO  
SOUTH (ON S HALF LOT 11))TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (BRANCHED VEINS/SIMPLE VEIN(S)) STRIKE (065)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (QTZ VEIN 100FT WIDE/110OFT LONG/ERRATIC  
MINERALIZATION)

MAP(S) (GEOL 1952-1 ODM/GEOL P668 ODM)

THOMSON, J.E. 1953

GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPT 1952 PT  
4/ VOL 61/ PG 29-30/ \*AC\*

THOMSON, J.E. 1957

COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 100

HARDING, W.D. 1953

PRELIMINARY REPORT ON GROUND INVESTIGATIONS OF  
AEROMAGNETIC AND AERORADIOACTIVE ANOMALIES/ ODM  
PRELIMINARY REPORT 1953-1/ PG 3 & 5

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 231

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-30

SPRINGER-PORTER TP

CU(7) PB(7) ZN(7)

41/1/05 46 25 00 081 47 30 PORTER TP/ LOT 9 & 10 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009053) NMI NUMBER (041/1/05/CU/009)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM & MASSIVE SLFDS IN QTZ-RICH ZONE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/N. COPPER/GALENA/SPHALERITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 5/PG 32)  
COMMENTS (ERRATIC SLFDS OVER 180OFT LENGTH/WIDTH 10-40FT/  
TRENCH ASSAYS 0.3 TO 1.1% CU)

MAP(S) (GEOL 2011 ODM/GEOL 291A GSC)

GINN, R.M. 1961

GEOLOGY OF PORTER TOWNSHIP/ ODM GEOL REPORT NO 5/  
PG 32/ \*A\*

THOMSON, J.E. 1957

COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 101

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 259-260

/ NORTHERN MINER/ FEB 2 1967

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-31

SULTANA  
NI(7) CU(7)

41/1/05 46 27 03 081 30 43 TRILL & DRURY TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (008658) NMI NUMBER (041/1/05/NI/005)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 34/PG 33)  
COMMENTS (MINERALIZED ZONE APPROX 1000FT LONG/HIGHLY  
IRREGULAR & DISCONTINUOUS)

MAP(S) (GEOL 2170 ODM/GEOL 2055 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI+  
CARD, K. D. 1965  
GEOLOGY OF HYMAN & DRURY TOWNSHIPS/ ODM GEOL REPT  
34/ PG 33/ \*AC+

41-32

TENHO LAKE  
NI(7) CU(7)

41/1/05 46 17 39 081 38 38 NAIRN TP/ LOT 8 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2062)  
CANMINDEX NUMBER (008659) NMI NUMBER (041/1/05/NI/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISS SLFDS IN METAGABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 35/PG 36)  
COMMENTS (CHIPS FROM TRENCHES/WIDTHS 8-12FT/RANGED  
0.37-1.28% NI/TR-0.92% CU)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R. M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPORT 35/ PG 36/ \*AC+  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 258/ \*CG+  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-33

TRILLABELLE (GILLESPIE)  
NI(7) CU(7) PT(7) SE(7) TE(7) CO(7) AU(7) AG(7)

41/1/05 46 29 46 081 32 20 TRILL TP/ LOTS 10 & 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008660) NMI NUMBER (041/1/05/NI/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI+

41-34

TURPEINEN  
AG(6) PB(6) CU(6) BI(7)

41/1/05 46 26 48 081 46 12 PORTER TP/ LOTS 7 & 8 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (008661) NMI NUMBER (041/1/05/AG/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN BRECCIATED GREYWACKE NEAR DYKE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (GALENA/SPHALERITE/PYRRHOTITE/PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (130)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 260)  
COMMENTS (CHIPS ACROSS ZONE/6.9 OZ/TON AG/32FT/8.5 OZ/TON  
AG/4.9% PB&0.38% CU/25FT)

MAP(S) (GEOL 2361 ODM/GEOL 2011 ODM)

GINN, R. M. 1961  
GEOLOGY OF PORTER TOWNSHIP/ ODM GEOL REPORT NO 5  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 260  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-35

CHICAGO MINE (TRAVERS MINE/ INEZ MINE)  
CU(3) NI(3)

41/1/06 46 26 00 081 27 51 DRURY TP/ LOT 3 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008360) NMI NUMBER (041/1/06/CU/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN BRECCIATED METAVOLC ROCKS)

REMARKS (500 FT FROM SW EDGE OF NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS/SUDBURY NICKEL IRRUPTIVE  
AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI/ODM GR 34/PG 33)  
COMMENTS (OCCURRENCE APPROX 500-600FT FROM SW EDGE OF  
SUDBURY IRRUPTIVE)

PRODUCTION: 1891 TO 1894 3,175 TONNES ORE  
COMMENTS (NO GRADE DATA)  
REFERENCE (NMI)

MAP(S) (GEOL 2055 ODM/GEOL 2170 ODM)

MOORE, E. S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT 1929 PART 7/ VOL 38/ PG 36  
BARLOW, A. E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901 PART H/ VOL 14/ PG 35  
COLEMAN, A. P. 1905  
THE NORTHERN NICKEL RANGE/ ODM ANN REPT 1904 PART  
1/ VOL 13/ PG 194  
COLEMAN, A. P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES PUB NO 170/  
PG 19 & 40 & 96 & 135

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/ ODM ANN REPTS VOL 1 1891 PG 232/ VOL 2 1892 PG  
248/ VOL 3 1893 PG 189-190/ VOL 4 1894 PG 248/  
VOL 5 1895 PG 273/ VOL 6 1896 PG 276-277/ VOL 7  
1897 PG 25 & 93 & 143

COLEMAN, A. P. 1905  
THE SUDBURY NICKEL AREA/ ODM ANN REPT 1905 PART 3/  
VOL 14/ PG 23 & 81 & 112 & 144  
CARD, K. D. 1965  
HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ PG 33



41-36

CLARABELLE MINE  
CU(3) NI(3) PT(3) PD(3) AU(3) AS(8)

41/1/06 46 29 40 081 04 25 SNIDER TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008662) NMI NUMBER (041/1/06/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 268)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
32 & 191/ \*C\*

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CANADA DEPT MINES/ PUB NO  
170/ PG 61-69

1880  
CANADIAN MINERAL DEPOSITS NOT BEING MINED IN 1980/  
EMR MINERAL POLICY SECTOR INTERNAL REPORT MRI 80/  
7/ PG 105

SOUCH, B.E. 1969  
THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 260

41-37

COPPER CLIFF MINE  
CU(3) NI(3) PT(3) AU(3) PB(7)

41/1/06 46 28 34 081 04 10 MCKIM TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009068) NMI NUMBER (041/1/06/CU/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (PRODUCTION 1887-1902 & 1903-05)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (UPPER PORTION OF OREBODY RICHER IN CU THAN AT  
DEPTH)

PRODUCTION: 1887 TO 1905 341,771 TONNES ORE  
5.130% CU 3.520% NI  
COMMENTS (PRODUCTION FIGURES 1887-1905)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1956-1 ODM/GEOLOGICAL 2170 ODM)

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY/ TRANS AMER INST MIN  
ENG/ VOL 34 (1904) FEBRUARY 1903/ PG 3-67

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
PG 63-68

COLEMAN, A.P. 1905  
THE SUDBURY NICKEL REGION/ ODM ANN REPT 1905/ VOL  
14/ PT 3/ PG 42-48

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901/ VOL 14/ PART H

BARLOW, A.E. 1905  
ON THE ORIGIN AND RELATIONS OF THE NICKEL AND  
COPPER DEPOSITS OF SUDBURY/ ECON GEOL/ VOL 1 NO 5/  
PG 461-643

BATEMAN, A.M. 1917  
MAGNETIC ORE DEPOSITS/ ECON GEOL/ VOL 12 NO 5/ PG  
397

THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT/ VOL  
65 PT 3 1956

41-38

COPPER CLIFF NO 1 MINE  
CU(3) NI(3) PT(3) PD(3) AU(3)

41/1/06 46 28 15 081 04 27 SNIDER TP/ LOT 1 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008663) NMI NUMBER (041/1/06/NI/013)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

41-39

COPPER CLIFF NO 2 MINE (CANADIAN COPPER NO 2 MINE)  
CU(4) NI(4) PT(7) SE(7) TE(7) CO(7) AU(7) AG(7) PD(7)

41/1/06 46 28 59 081 04 03 MCKIM TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (009069) NMI NUMBER (041/1/06/CU/009)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFD BRECCIA AND STRINGERS IN MAFIC DYKE)

REMARKS (RELATED TO SUDBURY IRRUPTIVE/ MINED 1889-1917)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1889 TO 1902 240,262 TONNES ORE  
2.040% CU 2.290% NI  
REFERENCE (NMI)  
PRODUCTION: 1903 TO 1915 412,832 TONNES ORE  
1.640% CU 02.830% NI  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1956-1 ODM/GEOLOGICAL 2170 ODM)

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
PG 63-65

1917  
REPORT OF THE ROYAL ONTARIO NICKEL  
COMMISSION-TORONTO 1917

COLEMAN, A.P. 1905  
THE SUDBURY NICKEL REGION/ ODM ANN REPT 1905/ VOL  
14/ PT 3/ PG 41 & 81 & 114 & 156

1900  
ODM ANN REPTS/ VOL 9 (1900) TO VOL 15 (1906) &  
VOL 21 PT 1 (1911) TO VOL 26 PT 1 (1917)

BROWNE, D.H. 1905  
NOTES ON THE ORIGIN OF THE SUDBURY ORES/ ECON  
GEOL/ VOL 1/ NO 5/ PG 470 & 472

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT VOL 14 PT H 1901/ PG 26-28  
& 135

THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT/ VOL  
65 PT 3 1956/ \*A\*

41-40

COPPER CLIFF NORTH MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/06 46 29 30 081 04 03 MCKIM TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008664) NMI NUMBER (041/1/06/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)

HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

PG 55-57/ \*A \*

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

COLEMAN, A.P. 1973  
 THE NICKEL INDUSTRY/ CANADA DEPT MINES/ PUB NO  
 170/ PG 62-63

---- 1917  
 REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
 32 & 191/ \*C\*

---- 1880  
 CANADIAN MINERAL DEPOSITS NOT BEING MINED IN 1980/  
 EMR MINERAL POLICY SECTOR INTERNAL REPORT MRI 80/  
 7/ PG 105

SOUCH, B.E. 1969  
 THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
 RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
 FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
 DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 260

41-41

COPPER CLIFF SOUTH MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/06 46 27 29 081 04 52 SNIDER TP/ LOT 1 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008665) NMI NUMBER (041/1/06/NI/027)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

41-42

CREAN HILL MINE  
 CU(3) NI(3) PD(8) PT(8) AU(8) AG(8) CO(8) SE(8)

41/1/06 46 25 45 081 21 05 DENISON TP/ LOT 4-5 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008361) NMI NUMBER (041/1/06/CU/015)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (PRODUCTION 1905-1919/ 1964-1972/ 1974-1978)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI/ODM GR 60/PG 55-57)

MAP(S) (GEOL P669 ODM/GEOL 2119 ODM)

COLEMAN, A.P. 1913  
 THE NICKEL INDUSTRY/ CAN DEPT MINES/ PUB NO 170/  
 PG 13-14 & PG 23

---- /ODM ANN REPORTS/VOL 65 PT 2 1956 PG 113 &  
 117-118/VOL 66 PT 2 1957 PG 18-19 & 113 & 115 &  
 118/VOL 67 PT 2 1958 PG 17-18 & 117-118 & 121/VOL  
 68 PT 1959 PG 85-86/VOL 74 1964 PG 96

PHEMISTER, T.C. 1926  
 IGNEOUS ROCKS OF SUDBURY/ ODM ANN REPT 1925 PT 8/  
 VOL 34/ PG 3 & 27 & 51 & 56

BURROWS, A.C. 1935  
 SUDBURY NICKEL FIELD RESTUDIED/ ODM ANN REPT 1934  
 PT 2/ VOL 43/ PG 30-33

COLEMAN, A.P. 1905  
 THE SUDBURY NICKEL FIELD/ DBM ANN REPT 1905 PT 3/  
 VOL 14/ PG 32

BATEMAN, A.M. 1917  
 MAGMATIC ORE DEPOSITS/ ECON GEOL VOL 12/ NO 5/ PG  
 397

CARD, K.D. 1968  
 GEOLOGY OF DENISON WATERS AREA / ODM GEOL REPT 60/

41-43

CREIGHTON MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/06 46 27 37 081 10 53 SNIDER TP/ LOT 10 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008666) NMI NUMBER (041/1/06/NI/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

SPURR, J.E. 1924  
 ORE DEPOSITION AT THE CREIGHTON MINE SUDBURY/  
 ECON GEOL VOL 19/ NO 3/ PG 275-280

YATES, A.B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOL/ PG 596 & 608/ \*BC\*

THOMSON, J.E. 1957  
 GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956  
 PART 3/ VOL 65/ PG 1-56

41-44

ELLEN MINE (CREAN HILL MINE NO 2)  
 CU(3) NI(3) PT(8) SE(8) TE(8) CO(8) AU(8) AG(8) PD(8)

41/1/06 46 25 45 081 19 23 DENISON TP/ LOT 2 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008362) NMI NUMBER (041/1/06/CU/014)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (1.5 MILES EAST OF CREAN HILL MINE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

PRODUCTION: 1962 TO 1966 880,443 TONNES ORE  
 COMMENTS (PRODUCT 61-62/64-66/NO GRADES)  
 REFERENCE (NMI)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

---- / REPORT OF THE ROYAL ONTARIO NICKEL  
 COMMISSION-TORONTO 1917/ PG 190  
 CARD, K.D. 1965  
 GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
 60/ PG 57-58/ \*AC\*

41-45

EVANS MINE (CREAN MINE)  
 NI(3) CU(3) PT(3) PD(3) AU(3) AG(7)

41/1/06 46 27 37 081 04 37 SNIDER TP/ LOT 1 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008667) NMI NUMBER (041/1/06/NI/011)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)

REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
YATES, A. B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 617/ \*BC\*

41-46

GERTRUDE MINE  
CU(3) NI(3) PT(8) SE(8) TE(8) CO(8) AU(8) AG(8) PD(8)

41/I/06 46 27 30 081 13 30 CREIGHTON TP/ LOT 3-5/ CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009066) NMI NUMBER (041/I/06/CU/012)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUBURRY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUBURRY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUBURRY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1902 TO 1903 16,329 TONNES ORE  
1.440% CU 1.780% NI  
COMMENTS (CALCULATED GRADES)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1956-1 ODM/GEOLOGICAL 2170 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 93

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUBURRY MINING  
DISTRICT/ GSC ANN REPORT/ VOL 14 PT H 1901/ PAGES  
39 & 48 & 78 & 89 & 96 & 109 & 118 & 120 & 122 &  
135 & 196 & 231

PHEMISTER, T.C. 1926  
IGNEOUS ROCKS OF SUBURRY AND THEIR RELATION TO  
THE ORE DEPOSITS/ ODM ANN REPORT/ VOL 34 PT 8  
1925/ PG 16-18

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUBURRY ONTARIO/ TRANS AMER  
INST MIN ENG/ VOL 34 FEBRUARY 1903/ PGS 14 & 19 &  
41-42 & 52-53

BARLOW, A.E. 1905  
ON THE ORIGIN AND RELATIONS OF THE NICKEL AND  
COPPER DEPOSITS OF SUBURRY/ ECON GEOL VOL 1/ NO 6/  
PG 546/ 548/ 550/ 552

CAMPBELL, W. 1907  
ON THE MICROSTRUCTURE OF NICKELIFEROUS  
PYRRHOTITES/ ECON GEOL/ VOL 2/ NO 4/ PG 356

BATEMAN, A.M. 1917  
MAGMATIC ORE DEPOSITS/ ECON GEOL/ VOL 12/ NO 5/  
PG 402

41-47

KIDD COPPER MINE (AER NICKEL)  
NI(3) CU(3) 3(3) PTM(8) AG(8) AU(8)

41/I/06 46 23 42 081 25 55 DENISON TP/ LOT 11-12/ CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (AER ZONE/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/I/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

REMARKS (4 ZONES IN OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUBURRY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUBURRY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)  
COMMENTS (PIPE-LIKE OREBODIES)

PRODUCTION: NOV/1966 TO 1968 208,905 TONNES  
0.420% CU 0.270% NI  
COMMENTS (PROD TO END OF 1967/CALC GRADE)  
REFERENCE (ODM MRC 12/ PG 241)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
---- /CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*CG\*

41-47A

KIDD COPPER MINE-AER ZONE (ROBINSON MINE/ NO 1 SHAFT)  
NI(3) CU(3) CO(3) PTM(8) AU(8) AG(8)

41/I/06 46 23 42 081 25 55 DENISON TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/I/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

REMARKS (AER ZONE & ROSEN ZONE TOGETHER REFERRED TO AS AER  
MINE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUBURRY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUBURRY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

RESERVE: 1968 451,545 TONNES 0.710% CU  
0.620% NI  
COMMENTS (10% DILUTION)  
REFERENCE (ODM MRC 12/ PG 241)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
---- /CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*CG\*

41-47B

KIDD COPPER MINE-ROSEN ZONE (GERSDORFFITE/ MACDONNELL)  
NI(3) CU(3) CO(3) PTM(8) AU(8) AG(8)

41/I/06 46 23 51 081 25 33 DENISON TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NO 2 SHAFT/ ODM MAP 2119)  
CANMINDEX NUMBER (008668) NMI NUMBER (041/I/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUBURRY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUBURRY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N.SILVER)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

RESERVE: 1968 249,076 TONNES 0.700% CU  
0.600% NI  
COMMENTS (APPROX GRADE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
---- 1967  
/CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*CG\*

41-47C

KIDD COPPER MINE-HOWLAND PIT  
NI(3) CU(3) CO(8) PTM(8) AU(8) AG(8)

41/1/06 46 23 35 081 26 14 DENISON TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N. SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

PRODUCTION: 1915 15,240 TONNES ORE  
2.000% CU 5.000% NI  
COMMENTS (AVG GRADE 6.7 TO 7% COMBINED)  
REFERENCE (NMI 41 I/6 NI 7)  
PRODUCTION: 1916 1,563 TONNES ORE  
2.100% CU 5.100% NI  
REFERENCE (NMI 41 I/6 NI 7)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*C\*  
----  
/ CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52/ \*C\*

41-47D

KIDD COPPER MINE-Z ZONE (SWAMP ZONE)  
NI(3) CU(3) CO(7) PTM(7) AU(7) AG(7)

41/1/06 46 24 00 081 25 13 DENISON TP/ LOT 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
CANINDEX NUMBER (008668) NMI NUMBER (041/1/06/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE/  
GERSDORFFITE/NICCOLITE/POLYDYMITE/N. GOLD/N. SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 49-52)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 240/ \*CG\*  
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1967  
/ CANADIAN MINES HANDBOOK 1966-1967/ PG 177  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 49-52

41-48

LOCKERBY MINE  
NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/06 46 25 56 081 19 20 DENISON TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2119)  
CANINDEX NUMBER (008669) NMI NUMBER (041/1/06/NI/005)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*  
CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPT 60

41-49

MCVITTIE-GRAHAM (WEST GRAHAM)  
CU(2) NI(2) PT(8) PD(8)

41/1/06 46 26 04 081 18 28 GRAHAM TP/ LOT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2119)  
CANINDEX NUMBER (008363) NMI NUMBER (041/1/06/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM & STRINGERS IN QTZ DIORITE OF NICKEL IRRUPT)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (NO MINERALIZED OUTCROPS/SFLDS INTERSECTED IN  
SEVERAL DRILL HOLES)

RESERVE: 1970 2,267,961 TONNES 0.380% CU  
0.630% NI  
COMMENTS (DRILL INDICATED)  
REFERENCE (1970 NM JUNE 18)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 246/ \*CG\*  
CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA DISTRICT OF  
SUDBURY/ ODM GEOL REPT 60/ PG 59

41-50

NORTH STAR MINE (MCCHARLES MINE)  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/06 46 28 48 081 10 02 SNIDER TP/ LOT 9 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (008670) NMI NUMBER (041/1/06/NI/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956  
PT 3/ VOL 65

41-51

STONY BAY  
NI(5) CU(5) CO(5)

41/1/06 46 16 20 081 26 38 TRUMAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P669)  
CANINDEX NUMBER (008671) NMI NUMBER (041/1/06/NI/026)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEIN CUTTING QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD))+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (BRUCE FORMATION)  
ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)

VEIN TYPE (SIMPLE VEIN(S)) STRIKE (070)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 270)  
COMMENTS (ZONE AVG 5.5FT WIDE OVER 260FT/BEST ASSAYS GIVE  
0.48% CU/0.13% NI & 0.31% CO)

MAP(S) (GEOL P669 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 270/ \*CG\*

41-52

TAM O SHANTER  
NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/06 46 29 19 081 08 10 SNIDER TP/ LOT 6 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008672) NMI NUMBER (041/1/06/NI/018)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-53

TOTTEN MINE  
NI(3) CU(3) PT(3) PD(3) AU(3) CO(8)

41/1/06 46 22 38 081 27 30 DRURY TP/ LOT 2 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008673) NMI NUMBER (041/1/06/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN PIPE-LIKE BRECCIAS IN WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PENTLANDITE/PYRRHOTITE/CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2055 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

---- /CANADIAN MINES HANDBOOK 1975-1976/ PG 150

CARD, K.D. 1965  
HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ PG  
18-19 & 32-33

---- 1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
40 & 189-190/ \*C\*

41-54

VERMILION MINE  
CU(3) NI(3) PD(3) PT(3) AG(3) AU(3) SN(7) AS(7)

41/1/06 46 25 00 081 21 30 DENISON TP/ LOT 5-6 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008364) NMI NUMBER (041/1/06/CU/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (PRODUCTION 1905-1915/VERY HIGH PRECIOUS METAL  
VALUES)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)

HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PENTLANDITE/PYRITE/PYRRHOTITE/  
POLYDYMITE/SPERRYLITE/N. COPPER/N. GOLD/MILLERITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (SPERRYLITE [PTAS2] FIRST FOUND HERE)

PRODUCTION: 1900 179 TONNES ORE  
10.000% CU 11.31G/T AU 137.14G/T AG  
COMMENTS (20-25% NI+CU/40Z PD&1.50Z PT/T)  
REFERENCE (NMI)  
PRODUCTION: 1900 TO 1915 3,641 TONNES ORE  
6.890% CU 6.640% NI  
REFERENCE (NMI)

MAP(S) (GEOL 2170 ODM/GEOL 2119 ODM)

CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA/ ODM GEOL REPT  
60/ PG 52

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236 / \*C\*

BELL, R. 1891  
SUDBURY MINING DISTRICT / GSC ANN REPORT/ VOL 5  
PART F 1890-91 / PG 51-54

COLEMAN, A.P. 1905  
THE SUDBURY NICKEL REGION/ ODM ANN REPT / VOL 14 /  
PT 3 / PG 31 / 81 / 140 / 153

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY / TRANS AMER INST MIN  
ENG / VOL 34 FEB 1903 / PG 5 & 11& 30

PHEMISTER, T.C. 1926  
IGNEOUS ROCKS OF SUDBURY / ODM ANN REPT / VOL 34  
PT 8 1925 / PG 56

BURROWS, A.G. 1935  
SUDBURY NICKEL FIELD RESTUDIED / ODM ANN REPT /  
VOL 43 PT 2 1934 / PG 28

41-55

VICTORIA MINE (MCCONNELL MINE)  
CU(4) NI(4) AU(4) PT(4) AG(4) W(7)

41/1/06 46 25 25 081 23 17 DENISON TP/ LOT 8 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2119)  
CANMINDEX NUMBER (008075) NMI NUMBER (041/1/06/CU/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

REMARKS (FIRST NI MINE IN AREA IN WHICH AU & PT FOUND)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PENTLANDITE/SPERRYLITE/  
SCHEELITE)  
GANGUE (QUARTZ/CALCITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

PRODUCTION: 1900 TO 1923 562,102 TONNES ORE  
3.300% CU 1.600% NI  
COMMENTS (PRODUCTION FIGURES FOR 1900-15)  
REFERENCE (NMI)

MAP(S) (GEOL 2119 ODM/GEOL 2170 ODM)

COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ CAN DEPT MINES/ REPORT NO 170  
PHEMISTER, T.C. 1926

IGNEOUS ROCKS OF SUDBURY/ ODM ANN REPORT/ VOL 34  
PT 8 1925/ PG 51 54 56

YATES, A.B. 1938  
THE SUDBURY INTRUSIVE/ TRANS ROY SOC OF CANADA/  
VOL 32/ SECT 4/ PG 164-168

BATEMAN, A.M. 1917  
MAGMATIC ORE DEPOSITS SUDBURY/ ECON GEOL/ VOL 12/  
NO 5/ PG 397-398

DICKSON, C.W. 1904  
THE ORE DEPOSITS OF SUDBURY/ TRANS AMER INST MIN  
ENG/ VOL 34/ PG 5/ 12/ 14/ 19-20/ 30/ 40/ 53

BARLOW, A.E. 1904  
NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
DISTRICT/ GSC ANN REPT 1901/ VOL 14/ PART H

CARD, K.D. 1968  
GEOLOGY OF THE DENISON-WATERS AREA/ ODM GEOL REPT  
60/ PG 54

41-56

WORTHINGTON MINE (CREAN)  
NI(3) CU(3) PT(8) PD(8) AU(8)

41/1/06 46 22 55 081 27 03 DRURY TP/ LDT 1-2 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (005688) NMI NUMBER (041/1/06/NI/023)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN QTZ DIORITE OF WORTHINGTON OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/NICCOLITE/  
GERSDORFFITE)  
STRIKE (048) DIP (80)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (OREBODY 700FT LONG/50-60FT WIDE/EXTENDS TO AT  
LEAST 1500FT DEPTH/PROD 1914-1920)

MAP(S) (GEOLOGICAL 2055 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1965  
GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 34/ PG 32/ \*AC\*

WALKER, T.L. 1915  
CERTAIN MINERAL OCCURRENCES IN THE WORTHINGTON  
MINE/ ECONOMIC GEOLOGY/ VOL 10/ PG 536-542/ \*F\*

41-57

JANES TOWNSHIP-4  
CU(5) NI(5) AU(5)

41/1/09 46 41 17 080 19 19 JANES TP/ LOT 4-5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (008378) NMI NUMBER (041/1/09/CU/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISS SLFD IN QTZ DIORITE & GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 251)  
COMMENTS (ZONE 1400FT LONG/DDH BEST AVG ASSAY 0.77% CU/  
0.28% NI&O.0350Z/TON AU OVER 15 FT)

MAP(S) (GEOLOGICAL P367 ODM/GEOLOGICAL 2361 ODM)

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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 251/ \*CG\*

41-58

NORSTAR LAKE MINE (MOUNT AETNA)  
CU(2) AU(2) AS(7)

41/1/10 46 39 33 080 31 00 DAVIS TP/ LOT 10 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2037)  
CANMINDEX NUMBER (008384) NMI NUMBER (041/1/10/AU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN BRECCIATED ARGILLITE ASSOC W GABBRO DYKE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/ARSENOPYRITE/N. GOLD)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (050)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 239)  
COMMENTS (ORE ZONE 225FT LONG/25FT WIDE TO DEPTH OF 400FT)

RESERVE: DEC/1958 249,475 TONNES 1.500% CU  
14.05G/T AU  
COMMENTS (D.D. INDICATED)  
REFERENCE (1963 ODM GR 15/ PG 16)  
RESERVE: 1973 83,085 TONNES 1.210% CU  
6.92G/T AU

COMMENTS (AFTER 10% DILUTION/312 FT DEEP)  
REFERENCE (1973 NM MAY 31/ PG 3)

MAP(S) (GEOLOGICAL 2037 ODM/GEOLOGICAL 41E BIBL 1)

KINDLE, L.F. 1933  
MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN REPT 1932  
PART 4/ VOL 41/ PG 38  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 239/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
THOMSON, J.E. 1963  
KELLY AND DAVIS TOWNSHIPS/ ODM GEOLOGICAL REPT 15/ PG  
13-16/ \*C\*  
GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 58-59

41-59

VICTOR MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/10 46 40 47 080 48 49 MACLENNAN TP/ LOT 10 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008674) NMI NUMBER (041/1/10/NI/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-60

ALWYN PORCUPINE (BURDA)  
CU(5) AU(5)

41/1/10 46 42 08 080 37 49 SCADDING TP/ LOT 7 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2009)  
CANMINDEX NUMBER (008382) NMI NUMBER (041/1/10/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN FAULT ZONE CUTTING CONGLOMERATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 2/PG 28)  
COMMENTS (GEOMETRICAL AVG VEIN/0.022 OZ/TON AU/0.42% CU  
OVER AVG WIDTH OF 15 FT)

RESERVE: 1951 108,862 TONNES 0.420% CU  
0.75G/T AU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2009 ODM/GEOLOGICAL 2361 ODM)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEM 192/ PG 145  
THOMSON, J.E. 1961  
MACLENNAN AND SCADDING TOWNSHIPS/ ODM GEOLOGICAL REPT 2/  
PG 28  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 263/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-61

BLEZARD MINE (DOMINION)  
 NI(3) CU(3) PT(3) PD(3) AU(3)

41/I/10 46 33 36 080 58 29 BLEZARD TP/ LOT 4 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008676) NMI NUMBER (041/I/10/NI/012)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-62

CAPRE  
 NI(7) CU(7) PT(7) PD(7) AU(7)

41/I/10 46 41 48 080 50 08 CAPREOL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008677) NMI NUMBER (041/I/10/NI/022)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-63

FALCONBRIDGE MINE  
 NI(1) CU(1) PTM(1) AU(1) AG(8) S(8) SE(8) CD(8) FE(8)

41/I/10 46 34 51 080 48 02 FALCONBRIDGE TP/ LOT 11 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008678) NMI NUMBER (041/I/10/NI/001)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (ALONG FALCONBRIDGE FAULT CUTTING NORITE & VOLC RKS)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 1957-5 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

DAVIDSON, S. 1948  
 FALCONBRIDGE MINE/ STRUCTURAL GEOLOGY OF CANADIAN  
 ORE DEPOSITS/ CIM JUBILEE VOLUME/ PG 618-626/ \*BC\*

LOCHHEAD, D. B. 1955  
 THE FALCONBRIDGE ORE DEPOSIT/ ECONOMIC GEOLOGY/  
 VOL 80 NO 1/ PG 42-50

1959  
 / CANADIAN MINING JOURNAL/ VOL 80 NO 6/ PG 123 &  
 153-158

THOMSON, J. E. 1959  
 GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANN REPT/  
 VOL 66 1957 PT 6

ONEILL, J. J. 1934  
 PLATINUM AND ALLIED METAL DEPOSITS OF CANADA/ GSC  
 ECON GEOL SER NO 13/ PG 71

41-64

FALCONBRIDGE EAST MINE  
 NI(3) CU(3) PTM(3) AU(8) CO(8) SE(8) AG(8) FE(8) S(8)

41/I/10 46 34 53 080 48 58 FALCONBRIDGE TP/ LOT 9 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008679) NMI NUMBER (041/I/10/NI/022)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (ALONG FALCONBRIDGE FAULT CUTTING NORITE & VOLC RKS)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 1957-5 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

1957  
 THE FALCONBRIDGE STORY/ CANADIAN MINING JOURNAL/  
 VOL 80 NO 6/ PG 123/ \*C\*

THOMSON, J. E. 1959  
 GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANNUAL  
 REPORT 1957 PT 6/ VOL 66/ \*BC\*

41-65

GARSON MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/I/10 46 33 59 080 51 30 GARSON TP/ LOT 4 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008681) NMI NUMBER (041/I/10/NI/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (ALONG GARSON FAULT IN NORITE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

YATES, A. B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOLUME/ PG 596 & 613/ \*BC\*

SOUCH, B. E. 1969  
 THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
 RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
 FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
 DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 258-

1917  
 REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
 44-45 & 155-163/ \*C\*

41-66

KIRKWOOD MINE  
 NI(4) PTM(4) CU(4)

41/I/10 46 34 00 080 53 46 GARSON TP/ LOT 8 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008682) NMI NUMBER (041/I/10/NI/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-67

KELLY-K (KUKAGAMI LAKE)  
CU(6) PB(6) AG(6) AU(6)

41/1/10 46 43 02 080 33 10 KELLY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NMI)  
CANMINDEX NUMBER (008388) NMI NUMBER (041/1/10/CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN GABBRO NEAR CONGLOMERATE CONTACT)

REMARKS (FOUR VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (GALENA/CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 252)  
COMMENTS (MAIN VEIN AVG 2.56% PB/1.0% CU/0.010Z/TON AU/  
1.00Z/TON AG/20 FT WIDE/25 FT LONG)

MAP(S) (GEOL 2361 ODM/GEOL 2037 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 251-252/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
THOMSON, J.E. 1963  
KELLY & DAVIS TOWNSHIPS/ ODM GEOL REPT 15

41-68

KAYJON (MIDAS)  
CU(5) PB(5) AU(5) AG(5)

41/1/10 46 41 27 080 33 52 DAVIS & SCADDING TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2009)  
CANMINDEX NUMBER (008389) NMI NUMBER (041/1/10/CU/004)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GREYWACKE AND GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (GALENA/CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SETS)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (NMI)  
COMMENTS (MAIN VEIN AVG ASSAY 2.56% PB/1.0% CU/0.01 OZ/TON  
AU/1.0 OZ/TON AG)

MAP(S) (GEOL 2009 ODM/GEOL 2361 ODM)

KINDLE, L.F. 1933  
MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN REPT 1932  
PT 4/ VOL 41/ PG 45 & 48

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE  
SUPERIOR/ GSC MEM 192/ PG 144-145

THOMSON, J.E. 1961  
MACLENNAN AND SCADDING TOWNSHIPS/ ODM GEOL REPT 2/  
PG 29

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/ ODM ANN REPORTS/ VOL 2 (1893) PG 237/ VOL 7  
(1898) PG 140

THOMSON, J.E. 1963  
KELLY AND DAVIS TOWNSHIPS/ ODM GEOL REPT 15/ PG 17

41-69

MACLENNAN MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/10 46 38 57 080 46 08 MACLENNAN TP/ LOT 8 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008683) NMI NUMBER (041/1/10/NI/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-70

NORDUNA MINE  
NI(4) CU(4) PT(4) PD(4) AU(4)

41/1/10 46 36 20 080 45 49 FALCONBRIDGE TP/ LOT 7 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008685) NMI NUMBER (041/1/10/NI/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-71

SHEPPARD  
NI(7) CU(7) PT(7) PD(7) AU(7)

41/1/10 46 34 02 080 57 02 BLEZARD TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008686) NMI NUMBER (041/1/10/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-72

STOBIE MINE  
NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) AG(8) FE(8)

41/1/10 46 32 21 080 59 25 BLEZARD TP/ LOT 5 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (P) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008687) NMI NUMBER (041/1/10/NI/021)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)



## GEOLOGY (SLFDS IN FROOD-STOBIE OFFSET OF NICKEL IRRUPTIVE)

REMARKS (SHARES OREBODY WITH FROOD MINE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
 ZURBRIGG, H.F. 1957

THE FROOD-STOBIE MINE/ STRUCTURAL GEOLOGY OF  
 CANADIAN ORE DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/  
 PG 341/ \*CF\*

YATES, A.B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOLUME/ PG 596 & 611/ \*BC\*

YOUNG, J.W. 1924  
 THE SUDBURY ORE DEPOSITS/ ECONOMIC GEOLOGY/ VOL  
 19 NO 7/ PG 677-681

41-73

BIG LEVACK MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/11 46 41 00 081 19 42 LEVACK TP/ LOT 2 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008688) NMI NUMBER (041/1/11/NI/014)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-74

BOUNDARY MINE  
 NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 37 57 081 23 30 LEVACK TP/ LOT 8-9 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008689) NMI NUMBER (041/1/11/NI/010)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-75

COLEMAN MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1)

41/1/11 46 40 33 081 20 18 LEVACK TP/ LOT 3 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008690) NMI NUMBER (041/1/11/NI/020)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)

CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
 LANGFORD, P.F. 1960  
 GEOLOGY OF LEVACK & PART OF DOWLING TOWNSHIPS/  
 ODM PRELIMINARY REPORT 1960-5

41-76

ERRINGTON MINE  
 ZN(3) CU(3) PB(3) AU(3) AG(3)

41/1/11 46 32 15 081 15 24 CREIGHTON & BALFOUR TPS  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NO 2 SHAFT/ ODM MAP 2170)  
 CANMINDEX NUMBER (008691) NMI NUMBER (041/1/11/CU/007)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (OREBODIES INCLUDE THE CHRISTIE/ RHEAUME N01 & N02/  
 ROMIG&SOUTH ROMIG)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (WHITewater GRUPE)  
 ORE MNRLS (PYRITE/SPHALERITE/CHALCOPYRITE/PYRRHOTITE/GALENA)  
 GANGUE (CARBONATE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 236)  
 COMMENTS (SEVERAL OREBODIES IN COMPLEXLY FOLDED AND FAULTED  
 ZONE)

PRODUCTION: 1928 TO 1930 1,956,792 TONNES ORE  
 0.750% CU 0.380% PB 3.180% ZN  
 COMMENTS (CALC GRADE)  
 REFERENCE (ODM MRC 12/ PG 236)

RESERVE: 1968 8,199,423 TONNES 1.140% CU  
 0.390% PB 3.820% ZN 0.786/T AU 54.17G/T AG  
 COMMENTS (HIGH PYRITE ORE)  
 REFERENCE (ODM MRC 12/ PG 236)

RESERVE: 1968 4,008,395 TONNES 1.330% CU  
 1.000% PB 3.970% ZN 0.896/T AU 55.20G/T AG  
 COMMENTS (LOW PYRITE ORE)  
 REFERENCE (ODM MRC 12/ PG 236)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236/ \*CG\*  
 ---- 1971  
 / CANADIAN MINES HANDBOOK 1971-72/ PG 166

THOMSON, J.E. 1957  
 GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956/  
 VOL 65 PART 3/ PG 46/ \*AC\*

MARTIN, W.C. 1957  
 ERRINGTON AND VERMILION LAKE MINES/ STRUCTURAL  
 GEOLOGY OF CANADIAN ORE DEPOSITS/ VOL 2/ CIM  
 CONGRESS VOLUME/ PG 363/ \*CH\*

CARD, K.D. 1972  
 THE SUDBURY STRUCTURE-ITS REGIONAL GEOLOGICAL  
 SETTING/ IN GUY-BRAY J V (ED)/ NEW DEVELOPMENTS  
 IN SUDBURY GEOLOGY/ GAC SPEC PAPER 10/ PG 67-78

41-76A

ERRINGTON NO 1 SHAFT  
 ZN(3) CU(3) PB(3) AU(3) AG(3)

41/1/11 46 32 03 081 16 19 CREIGHTON TP/ LOT 9 CON 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008691) NMI NUMBER (041/1/11/CU/007)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (HOST ROCKS-CHERT BRECCIA/ CHERT CARB/ LST/  
 ARGILLITES)

TYPE (VOLCANIC EXHALATIVE)

SUBTYPE (POLYMETALLIC)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (WHITewater GROUP)  
 ORE MNRLS (PYRITE/SPHALERITE/CHALCOPYRITE/PYRRHOTITE/GALENA)  
 GANGUE (CARBONATE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 236)

MAP(S) (GEOL 2170 ODM/GEOL 1956-1 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236  
 MARTIN, W. C. 1957  
 ERRINGTON AND VERMILION LAKE MINES/ STRUCTURAL  
 GEOLOGY OF CANADIAN ORE DEPOSITS/ VOL 2/ CIM  
 CONGRESS VOLUME/ PG 363/ \*CH\*  
 THOMSON, J. E. 1957  
 GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956/  
 VOL 65 PART 3/ PG 46/ \*AC\*

41-866

ERRINGTON NO 2 SHAFT  
 ZN(3) CU(3) PB(3) AU(3) AG(3)

41/1/11 46 32 15 081 15 24 CREIGHTON TP/ LOT 7-8 CON 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANINDEX NUMBER (008691) NMI NUMBER (041/1/11/CU/007)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (HOST ROCKS-CHERT BRECCIA/ CHERT CARB/ LST/  
 ARGILLITES)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (WHITewater GROUP)  
 ORE MNRLS (PYRITE/SPHALERITE/CHALCOPYRITE/PYRRHOTITE/GALENA)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 236)  
 COMMENTS (COMPLEXLY FOLDED AND FAULTED)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236  
 BURROWS, A. G. 1930  
 SUDBURY BASIN AREA/ ODM ANN REPT/ 1929/ VOL 38  
 PART 3/ PG 41/ \*CI\*

41-867

ERRINGTON NO 3 SHAFT  
 ZN(3) CU(3) PB(3) AU(3) AG(3)

41/1/11 46 32 37 081 13 17 BALFOUR TP/ LOT 4 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANINDEX NUMBER (008691) NMI NUMBER (041/1/11/CU/007)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (HOST ROCKS-INTERC CHERT BRECC & CHERTY CARBONATES/  
 LIMEST/ ARGILLITES)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (WHITewater GROUP)  
 ORE MNRLS (PYRITE/SPHALERITE/CHALCOPYRITE/PYRRHOTITE/GALENA)  
 GANGUE (CARBONATE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 236)

MAP(S) (GEOL P405 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236

41-77

FECUNIS MINE  
 NI(3) CU(3) PT(3) PD(3) AU(3) CO(8)

41/1/11 46 39 30 081 21 30 LEVACK TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008692) NMI NUMBER (041/1/11/NI/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266  
 ----- 1959  
 THE FALCONBRIDGE STORY/ CANADIAN MINING JOURNAL/  
 VOL 80 NO 6/ PG 125/ \*C\*

41-78

FROOD MINE  
 NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) AG(8) FE(8)

41/1/11 46 31 30 081 00 20 MCKIM TP/ LOT 6-7 CON 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANINDEX NUMBER (008693) NMI NUMBER (041/1/10/NI/021)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PRODUCER)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN FROOD-STOBIE OFFSET OF NICKEL IRRUPTIVE)

REMARKS (SHARES OREBODY WITH STOBIE MINE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
 ZUBRIGG, H. F. 1957  
 THE FROOD-STOBIE MINE/ STRUCTURAL GEOLOGY OF  
 CANADIAN ORE DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/  
 PG 341/ \*CF\*  
 YATES, A. B. 1948  
 PROPERTIES OF INTERNATIONAL NICKEL OF CANADA/  
 STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
 JUBILEE VOLUME/ PG 596 & 611/ \*BC\*

41-79

HARDY MINE  
 NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 37 54 081 23 48 LEVACK TP/ LOT 9 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANINDEX NUMBER (008694) NMI NUMBER (041/1/11/NI/005)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*  
 MITCHELL, G. P. 1957  
 HARDY MINE/ STRUCTURAL GEOLOGY OF CANADIAN ORE

DEPOSITS/ VOL 2/ CIM CONGRESS VOLUME/ PG 350/ \*CF\*

41-80

JUNIOR FROOD  
NI(6) CU(6)41/1/11 46 32 30 081 02 00 BLEZARD TP/ LOT 8-9 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008695) NMI NUMBER (041/I/11/NI/001)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)REMARKS (LOCATION APPROXIMATE/ 2 ZONES WITH STRIKE LENGTHS  
OF 500 AND 600 FT)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 232/ \*GI\*

41-81

LEVACK MINE  
NI(1) CU(1) PT(1) PD(1) AU(1) CO(8) FE(8)41/1/11 46 39 00 081 22 45 LEVACK TP/ LOT 7 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008696) NMI NUMBER (041/I/11/NI/017)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268YATES, A. B. 1948  
PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 614/ \*C\*---- 1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
51-52 & 163-167/ \*C\*SOUCH, B. E. 1969  
THE SULFIDE ORES OF SUDBURY - THEIR PARTICULAR  
RELATIONSHIP TO A DISTINCTIVE INCLUSION-BEARING  
FACIES OF THE NICKEL IRRUPTIVE/ MAGMATIC ORE  
DEPOSITS/ ECONOMIC GEOLOGY MONOGRAPH NO 4/ PG 260

41-82

LEVACK WEST MINE (MCCREEDY WEST MINE)  
NI(1) CU(1) FE(8) PD(8) AU(8) CO(8) PT(8)41/1/11 46 38 09 081 24 00 LEVACK TP/ LOT 9 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008697) NMI NUMBER (041/I/11/NI/022)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268  
HOFFMAN, E. L. 1979  
THE NOBLE METAL CONTENT OF ORE IN THE LEVACK WEST  
AND LITTLE STOBIE MINES ONTARIO/ CANADIAN  
MINERALOGIST/ VOL 17 PT 2/ PG 437-451

41-83

LITTLE STOBIE MINE  
NI(1) CU(1) PT(1) PD(1) AU(1)41/1/11 46 32 40 081 00 18 BLEZARD TP/ LOT 6 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008698) NMI NUMBER (041/I/11/NI/015)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*---- 1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
40 & 20/ \*C\*HOFFMAN, E. L. 1979  
THE NOBLE METAL CONTENT OF ORE IN THE LEVACK WEST  
AND LITTLE STOBIE MINES ONTARIO/ CANADIAN  
MINERALOGIST/ VOL 17 PT 2/ PG 437-451

41-84

LONGVACK MINE  
NI(4) CU(4)41/1/11 46 40 51 081 20 02 LEVACK TP/ LOT 3 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008699) NMI NUMBER (041/I/11/NI/012)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*CI\*

41-85

LONGVACK SOUTH MINE  
NI(4) CU(4) PT(4) PD(4) AU(4)41/1/11 46 40 44 081 20 05 LEVACK TP/ LOT 3 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008700) NMI NUMBER (041/I/11/NI/018)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2170 ODM/GEOL 2361 ODM)

LANGFORD, F.F. 1960

GEOLOGY OF LEVACK TOWNSHIP & THE NORTHERN PART OF  
DOWLING TOWNSHIP/ ODM PR 1960-5

41-86

MCKIM MINE

NI(3) CU(3) PT(3) PD(3) AU(3) AG(3) CO(8) IR(8) RU(8) RH(8)

41/1/11 46 31 21 081 03 12 MCKIM TP/ LOT 11 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008701) NMI NUMBER (041/1/11/NI/007)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-87

MOUNT NICKEL MINE

NI(4) CU(4) PT(4) PD(4) AU(4)

41/1/10 46 33 00 080 59 35 BLEZARD TP/ LOT 5 CON 1 & 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008702) NMI NUMBER (041/1/10/NI/011)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-88

MURRAY MINE

NI(3) CU(3) PT(3) AG(3) FE(3) MD(8)

41/1/11 46 30 44 081 04 04 MCKIM TP/ LOT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008703) NMI NUMBER (041/1/11/NI/008)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

YATES, A.B. 1948

PROPERTIES OF INTERNATIONAL NICKEL CO OF CANADA/  
STRUCTURAL GEOLOGY OF CANADIAN ORE DEPOSITS/ CIM  
JUBILEE VOLUME/ PG 596 & 615/ \*BC\*

41-89

NORTH MINE

NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 39 22 081 21 27 LEVACK TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008704) NMI NUMBER (041/1/11/NI/019)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-90

NORTH RANGE MINE

NI(3) CU(3) PT(3) PD(3) AU(3)

41/1/11 46 44 24 081 03 06 WISNER TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008705)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*CI\*

41-91

ONAPING MINE

NI(3) CU(3) PT(3) PD(3)

41/1/11 46 37 58 081 23 04 LEVACK TP/ LOT 8 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008706) NMI NUMBER (041/1/11/NI/010)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266

SOUCH, B.E. 1969

INCO-THE SULPHIDE ORES OF SUDBURY-THEIR  
PARTICULAR RELATIONSHIP TO A DISTINCTIVE  
INCLUSION BEARING FACIES OF THE NICKEL IRRUPTIVE/  
MAGMATIC ORE DEPOSITS/ ECON GEOL MONOGRAPH NO 4/ P

41-92

STRATHCONA MINE  
CU(1) NI(1) AG(1) PTM(8) CO(8)

41/I/11 46 40 20 081 20 38 LEVACK TP/ LOT 4 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008707) NMI NUMBER (041/I/11/NI/013)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000,000 - 10,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOG 2170 ODM/GEOLOG 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 266/ \*C1\*

----  
/ THE NORTHERN MINER/ MARCH 17 1977 PG 1 & 13/  
APRIL 13 1978 PG 3/ \*G\*

COWAN, J.C. 1968  
GEOLOGY OF THE STRATHCONA ORE DEPOSIT/ CIM BULL  
VOL 61/ JANUARY 1968/ PG 38-54

NALDRETT, A.J. 1967  
A STUDY OF THE STRATHCONA MINE AND ITS BEARING ON  
THE ORIGIN OF THE NICKEL-COPPER ORES OF THE  
SUDBURY DISTRICT ONTARIO/ JOURNAL OF PETROLOGY  
VOL 8/ PG 453-531

NALDRETT, A.J. 1972  
GEOLOGY OF THE SUDBURY IRRUPTIVE/ 24TH IGC FIELD  
EXCURSION GUIDE BOOK C38/ PG 31-34

----  
1917  
REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/ PG  
54 & 207-208/ \*C\*

ABEL, M.K. 1979  
COPPER MINERALIZATION IN THE FOOTWALL COMPLEX  
STRATHCONA MINE/ CANADIAN MINERALOGIST/ VOL 17/  
PG 275-286

41-93

STURDY MINES PROPERTY (MACPHERSON)  
CU(7) PB(7) ZN(7) AG(7)

41/I/11 46 31 25 081 19 51 FAIRBANK TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008395) NMI NUMBER (041/I/11/CU/004)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (82460 FT OF DRILLING)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (WHITewater GROUP)  
ORE MNRLS (SPHALERITE/CHALCOPYRITE/GALENA/PYRITE)  
GANGUE (CARBONATE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 237)  
COMMENTS (23 HOLES/HAD 47 INTERSECTIONS/0.5-24.3 FT LONG/  
ASSAYED OVER 1% CU PB OR ZN)

MAP(S) (GEOLOG 2170 ODM/GEOLOG 1956-1 ODM)

BURROWS, A.G. 1930  
SUDBURY BASIN AREA/ ODM ANN REPT 1929 PART 3/ VOL  
65/ PG 47

THOMSON, J.E. 1957  
GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPT 1956  
PART 3/ VOL 65/ PG 54-56

----  
/ FINANCIAL POST SURVEY OF MINES 1928 PG 225/  
1953 PG 164

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 101-102/  
\*CG\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 237/ \*CG\*

41-94

VERMILION LAKE MINE (CONSOLIDATED SUDBURY BASIN)  
CU(3) PB(3) ZN(3) AU(3) AG(3)

41/I/11 46 31 03 081 21 20 FAIRBANK TP/ LOT 5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008708) NMI NUMBER (041/I/11/CU/003)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (MASS & DISS IN CHERT & CARBONATE BTWN TUFF & SLATE)

REMARKS (SEVERAL DREBODIES)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (WHITewater GROUP)  
ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE)  
GANGUE (CARBONATE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 236)  
COMMENTS (OREBODIES STACKED BY IMBRICATE THRUSTS)

MAP(S) (GEOLOG 2170 ODM/GEOLOG 2361 ODM)

CARD, K.D. 1972  
THE SUDBURY STRUCTURE-ITS REGIONAL GEOLOGICAL  
SETTING/ IN GUY-BRAY J V (ED) NEW DEVELOPMENTS IN  
SUDBURY GEOLOGY/ GAC SPECIAL PAPER 10

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 236/ \*CG\*

MARTIN, W.C. 1957  
ERRINGTON AND VERMILION LAKE MINES/ STRUCTURAL  
GEOLOGY OF CANADIAN ORE DEPOSITS VOL 2/ CIM  
CONGRESS VOL/ PG 363/ \*CH\*

THOMSON, J.E. 1957  
GEOLOGY OF SUDBURY BASIN/ ODM ANN REPT 1956 PART  
3/ VOL 65/ PG 46/ \*AC\*

41-95

WD 150/ WD 155  
NI(7) CU(7) PT(7) PD(7) AU(7)

41/I/11 46 44 31 081 07 57 BOWELL TP/ LOT 6 CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008709) NMI NUMBER (041/I/11/NI/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOG 2170 ODM/GEOLOG 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268

41-96

HART TOWNSHIP NO 1  
CO(6) PB(6) ZN(6) NI(6) AU(6) BI(6) CU(6) FE(7)

41/I/12 46 41 46 081 37 53 HART TP/ LOT 7-8 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008710) NMI NUMBER (041/I/12/CO/002)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (MAGNETITE-SLFD RICH SKARN IN LST NEAR DIABASE)

REMARKS (ALSO ALONG VEINS/ LENSES/ DISSEM FURTHER AWAY  
FROM CONTACT)

TYPE (SKARN)  
SUBTYPE (ZN-PB-CO-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (SPHALERITE/GALENA/PYRRHOTITE/CHALCOPYRITE/  
MAGNETITE/PYRITE/COBALTITE)  
GANGUE (CALC-SILICATES/QUARTZ)  
REL. TO NIP. DIABASE (SKARN)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2361 ODM/GEOLOGICAL P1110 ODM)

OSBORNE, F.F. 1930  
THE CARTIER-STRAK AREA/ ODM ANN REPT/ VOL 38 PT  
7 1929/PG 65

SERGIADIS, A.O. 1968  
SILVER COBALT CALCITE VEIN DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 10/ PG 55

---- 1965  
/NORTHERN MINER/ SEPT 2

OSBORNE, F.F. 1932  
A DIABASE CONTACT-METAMORPHIC MINERAL DEPOSIT IN  
ONTARIO/ ECONOMIC GEOLOGY/ VOL 24/ PG 722-732

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/PG 247/ \*CG\*

CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
5256/ PG 120-121

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 291/ \*AC\*

41-97

HART TOWNSHIP NO 2  
ZN(6) PB(6) CU(6) CO(6) BI(6) NI(6) AU(6) FE(7)

41/1/12 46 41 15 081 38 19 HART TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (004812) NMI NUMBER (041/1/12/CO/002)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (SLFDS & ARSENIDES IN ESPANOLA FM SKARN)

TYPE (SKARN)  
SUBTYPE (ZN-PB-CO-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (MAGNETITE/PYRITE/SPHALERITE/GALENA/CHALCOPYRITE/  
COBALTITE)  
GANGUE (CALC-SILICATES)  
REL. TO NIP. DIABASE (SKARN)  
SOURCE (ODM MRC 12/PG 247)

MAP(S) (GEOLOGICAL P1110 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 247/ \*CG\*

OSBORNE, F.F. 1932  
A DIABASE CONTACT-METAMORPHIC MINERAL DEPOSIT IN  
ONTARIO/ ECON GEOLOGY/ VOL 24/ PG 722-732

CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
5256/ PG 120-121

41-98

RATHBUN LAKE (BURTON)  
CU(7) NI(7) AU(7) PT(7) PD(7) AG(7)

41/1/15 46 45 49 080 39 28 RATHBUN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (008409) NMI NUMBER (041/1/15/CU/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN GABBRO SILL NEAR &AT CONTACT WITH SED RKS)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 260/WNP FIELD)  
COMMENTS (2 GRABS/14.3&15.09% CU/O.2&0.17 OZ AG/2.86&1.56%  
NI/O.61&0.72% PT/O.83&0.98% PD)

MAP(S) (GEOLOGICAL P367 ODM/GEOLOGICAL 2361 ODM)

---- 1954  
/ THE NORTHERN MINER FEB 18 1954

QUIRKE, T.T. 1922  
WANAPITTEI LAKE MAP-AREA/ GSC SUMM REPT 1921 PART  
D/ PG 34-50

DRESSLER, B. 1977  
AYLMER & RATHBUN TOWNSHIPS/ OGS MISC PAPER 75/ PG  
109

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 260/ \*CG\*

----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-99

NICKEL OFFSETS MINE (ROSS MINE)  
NI(4) CU(4) CO(4) PT(4) PD(4)

41/1/14 46 45 32 081 14 24 FOY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NO 1 SHAFT/ ODM MAP 2133)  
CANINDEX NUMBER (004816) NMI NUMBER (041/1/14/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY NICKEL IRRUPTIVE)

REMARKS (3 MAIN MINERALIZED ZONES (3 WERE MINED)/ 2 SHAFTS  
(CODED AS COMPONENTS)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34-36)  
COMMENTS (FOY OFFSET)

PRODUCTION: 1943 TO 1957 205,008 TONNES ORE  
0.740% CU 1.010% NI  
COMMENTS (PROD 1943-44/1953-57/CAL GRADE)  
REFERENCE (ODM MRC 12/ PG 243)

MAP(S) (GEOLOGICAL 2133 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOLOG REPT 65/  
PG 34-36/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 243/ \*CG\*

41-99

NICKEL OFFSETS NO 1 SHAFT  
NI(4) CU(4) CO(4) PT(4) PD(4)

41/1/14 46 45 32 081 14 24 FOY TP/ LOT 6 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2133)  
CANINDEX NUMBER (004816) NMI NUMBER (041/1/14/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)

REMARKS (2 OF THE MINERALIZED BODIES WERE MINED FROM THIS  
SHAFT)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 243)

MAP(S) (GEOLOGICAL 2133 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOLOG REPORT  
65/ PG 34-36/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 243/ \*CG\*

41-101

NICKEL OFFSETS NO 2 SHAFT  
NI(4) CU(4) CO(4) PT(4) PD(4)

41/1/14 46 45 15 081 13 46 FOY TP/ LOT 5 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANINDEX NUMBER (004816) NMI NUMBER (041/1/14/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)

REMARKS (ONE OF THE MINERALIZED BODIES WAS MINED FROM THIS  
SHAFT)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)

ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE {ODM MRC 12/PG 243}

MAP(S) {GEOL 2170 ODM/GEOL 2133 ODM}

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
65/ PG 34-36/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 243/ \*CG\*

41-102

WHISTLE  
NI(7) CU(7) PT(7) AU(7)

41/1/15 46 46 23 080 52 29 NORMAN TP/ LOT 6 CON 4-5  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {CU COMMODITY FILE}  
CANINDEX NUMBER {008715} NMI NUMBER {041/1/15/NI/002}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
CU DEPOSIT STATUS {PROSPECT}  
CANINDEX DEPOSIT TYPE {CONCORDANT IN INTRUSIVE ROCKS}  
GEOLOGY {SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE}

TYPE {MAGMATIC NI-CU}  
SUBTYPE {SUDBURY SUBLAYER/OFFSETS}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {SUDBURY NICKEL IRRUPTIVE AND OFFSETS}  
ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE {CU COMMODITY FILE}

MAP(S) {GEOL 2170 ODM/GEOL 2361 ODM}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 268/ \*C\*

41-103

ISLAND NO 364 {AUBAY}  
FE(5) U(6) AU(6) CU(7)

41/1/16 46 48 53 080 06 47 VOGT TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {ODM MAP 2048}  
CANINDEX NUMBER {008413} NMI NUMBER {041/1/16/CU/009}

CU DEPOSIT TYPE {VOLCANIC EXHALATIVE}  
CU DEPOSIT STATUS {PROSPECT}  
CANINDEX DEPOSIT TYPE {CONCORDANT IN VOLCANIC ROCKS}  
GEOLOGY {SLFDS IN METASED & METAVOLC ROCKS/ ASSOC FE FM}

TYPE {VOLCANIC EXHALATIVE}  
SUBTYPE {SULPH FE FORMATION}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS}  
ORE MNRLS {PYRRHOTITE/PYRITE/CHALCOPYRITE}  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE {ODM MRC 12/PG 208}  
COMMENTS {BEST DDH INTERSECTION/0.4 OZ/TON AU & 0.052% U308/  
2FT CORE LENGTH}

MAP(S) {GEOL 2048 ODM/GEOL P367 ODM}

GRANT, J.A. 1964  
VOGT-HOBBS AREA/ ODM GEOL REPT 22/ PG 8  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 105/ \*C\*  
SHKLANKA, R. 1968  
IRON DEPOSITS OF ONTARIO/ ODM MIN RES CIRC 11/ PG  
280-281  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 207-208/  
\*CG\*

41-104

EMERALD LAKE  
CU(7) CO(7)

41/1/16 46 54 49 080 18 12 AFTON TP  
GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
ENTITY CODED (S) COMMENTS {PIT/ W PEARSON VERIFIED 1977}  
CANINDEX NUMBER {008414} NMI NUMBER {041/1/16/CU/001}

CU DEPOSIT TYPE {VOLCANIC EXHALATIVE}  
CU DEPOSIT STATUS {PROSPECT}  
CANINDEX DEPOSIT TYPE {CONCORDANT IN VOLCANIC ROCKS}  
GEOLOGY {DISSEM AND MASSIVE SLFDS IN ACID METAVOLCANICS}

REMARKS {PROPERTY INCLUDES NEW GOLDEN ROSE MINE FORMER AU

PRODUCER-41 I 16 AU 1}

TYPE {VOLCANIC EXHALATIVE}  
SUBTYPE {SULPH FE FORMATION}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {ARCHEAN METASEDIMENTARY ROCKS}  
ORE MNRLS {PYRRHOTITE/CHALCOPYRITE/PYRITE/SMALTITE}  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE {ODM MRC 12/PG 229}  
COMMENTS {DRILL CORE ASSAYED UP TO 0.5% CU/SMALL LENS OF  
CU-CO-BEARING ROCKS}

MAP(S) {GEOL SKETCH BIBLI/GEOL 2385 ODM}

MOORE, E.S. 1937  
GEOLOGY OF THE AFTON-SCHOLES AREA/ ODM ANN REPT  
1936 PART 6/ VOL 45/ PG 48

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 102/ \*C\*  
---- 1956  
/ THE NORTHERN MINER SEPT 6 1956

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 229/ \*CG\*

MEYN, H.D. 1977  
GEOLOGY OF AFTON SCHOLES MACBETH & CLEMENT  
TOWNSHIPS/ OGS REPT 170/ PG 59

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-105

HALKIN  
CU(5) AG(6)

41/1/16 46 52 20 080 10 10 CLEMENT TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {TRENCH/ OGS MAP 2386}  
CANINDEX NUMBER {008415} NMI NUMBER {041/1/16/CU/O15}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
CU DEPOSIT STATUS {PROSPECT}  
CANINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {ERRATIC SLFDS IN QTZ-CARBONATE VEIN IN DIABASE}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CCP-PY {PO}+/-SPECUL}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {NIPPISING DIABASE}  
ORE MNRLS {CHALCOPYRITE/PYRITE}  
GANGUE {QUARTZ/CARBONATE}  
VEIN TYPE {VEIN BRECCIAS}  
REL TO NIP.DIABASE {CUTS DIABASE/GABBRO}  
SOURCE {ODM MRC 12/PG 199}  
COMMENTS {VEIN BX 150FT LONG/75FT WIDE/MAX THICKNESS 30FT/  
SURFACE AREA 80X30FT HAS 1-2% CU}

MAP(S) {GEOL 2386 OGS/GEOL 2361 ODM}

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 109/ \*C\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 199/ \*CG\*  
MEYN, H.D. 1977  
GEOLOGY OF AFTON SCHOLES MACBETH & CLEMENT  
TOWNSHIPS/ OGS REPT 170/ PG 59/ \*AC\*

41-106

LEGER {MANITOU LAKE/ IRON MT}  
ZN(6) PB(6) AU(6) CU(7) AG(7) FE(7)

41/1/16 46 52 30 080 17 07 CLEMENT TP  
GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
ENTITY CODED (S) COMMENTS {TRENCH/W PEARSON VERIFIED 1977}  
CANINDEX NUMBER {008416} NMI NUMBER {041/1/16/CU/005}

CU DEPOSIT TYPE {SKARN}  
CU DEPOSIT STATUS {PROSPECT}  
CANINDEX DEPOSIT TYPE {SKARN}  
GEOLOGY {SLFDS AND MAGNETITE IN SKARN}

REMARKS {ALSO FISSURE TYPE QTZ VEINS}

TYPE {SKARN}  
SUBTYPE {FE-CU}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {HURONIAN UNDIFFERENTIATED}  
ORE MNRLS {PYRITE/PYRRHOTITE/MAGNETITE/CHALCOPYRITE/GALENA/  
SPHALERITE}  
REL TO NIP.DIABASE {SKARN}  
SOURCE {ODM MRC 12/PG 199}  
COMMENTS {BULK SAMPLE ACROSS 25FT/0.39% IN&O.21%PB/BEST  
ASSAY 0.54 OZ/TON AU ACROSS 27IN}

MAP(S) {GEOL 2386 OGS/GEOL 2361 ODM}

THOMSON, J.E. 1957

COPPER-NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 113/ \*C\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 195/ \*CG\*  
MEYN, H.D. 1977  
GEOLOGY OF AFTON SCHOLES MACBETH & CLEMENT  
TOWNSHIPS/ OGS REPT 170/ PG 59

41-107

MINING GEOPHYSICS  
CU(7)

41/I/16 46 57 01 080 11 18 SCHOLES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ OGS MAP 2385)  
CANMINDEX NUMBER (008417) NMI NUMBER (041/I/16/CU/008)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (IN PYRITIC FE FM)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
ALTERATION (CHLORITIC/CARBONATIZATION)  
STRIKE (040) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 170/PG 57)  
COMMENTS (PRIMARILY FE PROSPECT/ERRATIC CU MINERALIZATION)

MAP(S) (GEOLOG 2385 OGS/GEOLOG 2361 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 111/ \*C\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 202/ \*C\*

----  
/ ODM KIRKLAND LAKE FILES

MEYN, H.D. 1977  
GEOLOGY OF AFTON SCHOLES MACBETH & CLEMENT  
TOWNSHIPS/ OGS REPT 170/ PG 59/ \*AC\*

----  
1956

/ THE NORTHERN MINER/ JUNE 7 1956

MOORE, E.S. 1937  
GEOLOGY OF THE AFTON-SCHOLES AREA/ ODM ANN REPT  
1936 PT 6/ VOL 45/ PG 38

41-108

EAGLE ROCK LAKE  
CU(6) ZN(7)

41/I/16 46 55 17 080 15 42 SCHOLES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ OGS MAP 2385)  
CANMINDEX NUMBER (008418) NMI NUMBER (041/I/16/CU/010)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (MINOR SLFDS IN SILICEOUS SLFD-FACIES FE FM)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE/SPHALERITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG)  
COMMENTS (MAIN CU-ZN ZONE 300FT LONG/2-30FT WIDE/BEST  
CHANNEL SAMPLE 0.51% CU/3FT)

MAP(S) (GEOLOG 2385 OGS/GEOLOG 2361 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 113 / \*CG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 202/ \*CG\*

----  
/ ODM RESIDENT GEOLOGISTS FILES/ KIRKLAND LAKE

MEYN, H.D. 1977  
GEOLOGY OF AFTON SCHOLES MACBETH & CLEMENT TPS/  
OGS REPT 170/ PG 66

41-110

SIROLA  
CU(5) NI(5)

41/I/16 46 52 51 080 26 05 MCCARTHY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (008430) NMI NUMBER (041/I/16/CU/014)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN DIABASE NEAR SEDS CONTACT)

REMARKS (NEAR CONTACT WITH HURONIAN SEDIMENTS)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 254)  
COMMENTS (BEST DDH/17.2FT ASSAYING 0.28-0.85% CU &  
0.04-0.20% NI)

MAP(S) (GEOLOG P367 ODM/GEOLOG 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 254/ \*CG\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-111

TEMAGAMI  
NI(2) CO(2) CU(3) AU(3) AG(3) PT(3) ZN(8) PB(8)

41/I/16 46 57 42 080 02 30 PHYLLIS TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT/ ODM MAP 2057)  
CANMINDEX NUMBER (008431) NMI NUMBER (041/I/16/CU/004)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (LENSES/VEINS/REPL ALONG DIORITE SILL/VOLCS CONTACT)

REMARKS (LOW GRADE CU-NI-CO ZONES IN DIORITE/ HIGH GRADE CU ZONES IN VOLCS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE/MILLERITE/GERSDORFFITE/  
SPHALERITE/MAGNETITE/GALENA/SPERRYLLITE/N.SILVER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 28/PG 25-27)  
COMMENTS (LOW GRADE PYRITIC CU-NI-CO ORE/ MASSIVE SLFD ORE  
& FISSURE FILLING VEINS)

MAP(S) (GEOLOG 2057 ODM/GEOLOG P367 ODM)

MOOREHOUSE, W.W. 1946  
THE NORTHEASTERN PORTION OF THE TEMAGAMI LAKE  
AREA/ ODM ANN REPORT/ VOL 51 PT 6 1942

----  
/ ODM ANN REPORTS/ VOL 65 1956 PT 2 PG 120-121/  
VOL 66 1957 PT 2 PG 7-8/ VOL 67 1958 PT 2 PG 8-9/  
VOL 68 1959 PT 2 PG 4/ VOL 69 1960 PT 2 PG 4/ VOL  
70 1961 PT 2 PG 103-104/ VOL 71 1962 PT 2 PG 110-1

BERGEY, W.R. 1957  
DISCOVERY OF COPPER-NICKEL OREBODIES IN TEMAGAMI  
MINE ONTARIO/ IN/ METHODS AND CASE HISTORIES IN  
MINING GEOPHYSICS/ CIM CONGRESS VOL/ PG 168-175  
SIMONY, P.S. 1964  
NORTHWESTERN TEMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 25-27

ROSE, E.R. 1966  
THE COPPER-NICKEL DEPOSITS OF TEMAGAMI ISLAND  
ONTARIO/ ECON GEOL/ VOL 61/ PG 25-27  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 201/ \*CG\*  
FRANKLIN, J. 1967  
THE PYRITE ZONE OF THE TEMAGAMI MINE/ MSC THESIS/  
CARLETON UNIVERSITY 1972



41-111A

TEMAGAMI CHALCOPYRITE ZONE  
CU(3) AU(3) AG(3) ZN(8) PB(8)

41/1/16 46 57 42 080 20 30  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2057)  
CANMINDEX NUMBER (008431)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEMINATIONS/VEINS/LENSES IN FOOTWALL RHYOLITE)

REMARKS (ZONE OCCURS SOUTH OF AND 30-85 M BELOW FOOTWALL  
CONTACT WITH DIORITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (FE-CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 28/PG 25-27)  
COMMENTS (MASSIVE SLFD ORE & FISSURE FILLING VEINS)

PRODUCTION: 1959 TO MAR/1972 610,065 TONNES ORE  
5.720% CU 16.45G/T AU 305.48G/T AG  
REFERENCE (NMI)

RESERVE: 1958 27,215 TONNES 22.000% CU  
COMMENTS (NO 1 OREBODY)  
REFERENCE (NMI)

RESERVE: 1958 4,535 TONNES 7.000% CU  
COMMENTS (NO 2 OREBODY)  
REFERENCE (NMI)

RESERVE: JUN/1969 52,223 TONNES 4.750% CU  
REFERENCE (NMI)

MAP(S) (GEOL 2057 ODM)

MOOREHOUSE, W.W. 1946  
THE NORTHEASTERN PORTION OF THE TEMAGAMI LAKE  
AREA/ ODM ANN REPORT/ VOL 51 PT 6 1942

---- /ODM ANN REPORTS/ VOL 65 1956 PT 2 PG 120-121/  
VOL 66 1957 PT 2 PG 7-8/ VOL 67 1958 PT 2 PG 8-8/  
VOL 68 1959 PT 2 PG 4/ VOL 69 1960 PT 2 PG 4/ VOL  
70 1961 PT 2 PG 103-104/ VOL 71 1962 PT 2 PG 110-1

SIMONY, P.S. 1964  
NORTHWESTERN TEMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 25-27

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 201/ \*CG\*

41-111B

TEMAGAMI CU-NI-CO ZONES  
CU(2) NI(2) CO(2)

41/1/16 46 58 00 080 20 30 PHYLLIS TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (/ COPPER COMMODITY FILE)  
CANMINDEX NUMBER (008431)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (PYRITIC ZONE IN DIORITE ALONG FOOTWALL CONTACT)

REMARKS (ZONES COVER A STRIKE LENGTH OF 8 KM/NOT ABLE TO  
PRODUCE ECONOMIC CONC)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/MILLERITE/GERSDORFFITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 28/PG 25-27)  
COMMENTS (LOW GRADE PYRITIC CU-NI-CO ORE)

RESERVE: 1957 2,267,961 TONNES 1.000% CU  
0.600% NI  
COMMENTS (0.1 CO/ LOW GRADE ZONE)  
REFERENCE (NMI)

RESERVE: JUN/1969 698,532 TONNES 1.040% CU  
0.480% NI  
COMMENTS (LOW GRADE ZONE)  
REFERENCE (NMI)

MAP(S) (GEOL 2057 ODM/GEOL P367 ODM)

BERGEY, W.R. 1957  
DISCOVERY OF COPPER-NICKEL OREBODIES AT TEMAGAMI  
MINE ONTARIO/ IN/ METHODS AND CASE HISTORIES IN  
MINING GEOPHYSICS/ CIM CONGRESS VOL/ PG 168-175

SIMONY, P.S. 1964  
NORTHWESTERN TEMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 25-27  
ROSE, E.R. 1966

THE COPPER-NICKEL DEPOSITS OF TEMAGAMI ISLAND  
ONTARIO/ ECON GEOL/ VOL 61/ PG 27-43  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES NO 12/ \*CG\*  
FRANKLIN, J. 1967  
THE PYRITE ZONE OF THE TEMAGAMI MINE/ MSC THESIS/  
CARLETON UNIVERSITY

41-112

BLACK LAKE  
CU(5)

41/J/01 46 14 25 082 24 05 SHEDDEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008437) NMI NUMBER (041/J/01/CU/014)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 64)  
COMMENTS (BEST DDH INTERSECTS/1.47% CU/5 FT/0.78% CU/10 FT/  
1.82% CU/2 FT)

MAP(S) (GEOL P318 ODM/GEOL 2419 OGS)

---- 1909  
/ODM ANN REPT 1909 PT 1/ VOL 18/ PG 51  
---- 1969  
/ ODM OPEN FILE REPT 5026/ PG 106-107  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 64/ \*CG\*  
---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-71/-527/-1061

41-113

HERMINA MINE  
CU(3) AU(7)

41/J/01 46 14 56 082 10 22 SALTER TP/ SEC 7/ 17/ 18  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009027) NMI NUMBER (041/J/01/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ VEINS WITH SULPHIDES CUT DIABASE & GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/HURONIAN GABBRO-ANDRTHOSITE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (225) DIP (85)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 136/PG 108-111)  
COMMENTS (VEIN TRACED FOR 2500 FT/APPROX 35 FT WIDE)

PRODUCTION: 1904 TO 1909 11,914 TONNES ORE  
3.870% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI/ 1957 ODM MRC 2/ PG 92)

MAP(S) (GEOL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT/ VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*AI\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AI\*  
---- / ODM ANN REPTS 1904-1910/ VOL 13(PG 79)VOL 14(PG  
61)VOL 15(PG 68)VOL 16(PG 68)VOL 17(PG 79)VOL  
18(PG 89)VOL 19(PG 87)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 108-110/  
\*AI\*

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262/ \*I\*

41-114

MASSEY MINE  
CU(3) AG(3) AU(3)

41/J/01 46 14 19 082 07 09 SALTER TP/ SEC 15 & 16  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (MAIN SHAFT/ PEARSON VERIF 1977)  
CANINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH ZONE IN METASED ROCKS)

REMARKS (MINERALIZED ZONE OVER 4000 FEET/ CODED AS 3  
COMPONENT ZONES)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
ALTERATION (SILICIFICATION)  
STRIKE (090)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 136/ PG 111-116)  
COMMENTS (3 MAIN ZONES APPROX 2000FT APART/MAIN SHAFT/#4  
SHAFT & WEST SHOWING)

MAP(S) (GEOL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 299-303/ \*AC\*

---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL/ AUG 4 (1917)/ PG 193

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*AI\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-891

MASSEY MINE MAIN SHAFT  
CU(3)

41/J/01 46 14 19 082 07 09 SALTER TP/ SEC 15  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH BRECCIATED ZONE IN METASED ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
STRIKE (090)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SUDBURY TYPE BRECCIA AT MAIN SHAFT/POST ORE)

PRODUCTION: 1968 TO 1970 13,371 TONNES ORE  
2.500% CU  
REFERENCE (ODM GR 136/ PG 115)  
PRODUCTION: 1904 TO 1917 287 TONNES REFINED METAL  
99.999% CU  
COMMENTS (PRODUCTION 1904-06/ 1915-17)  
REFERENCE (ODM GR 136/ PG 113)

MAP(S) (GEOL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT / VOL  
22 PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG

129-131/ \*I\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 87/ \*GI\*

---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL/ AUG 4 (1917)/ PG 193

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*AI\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-892

MASSEY MINE WEST (NO 3 SHAFT)  
CU(3)

41/J/01 46 14 06 082 08 08 SALTER TP/ SEC 16  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ PEARSON VERIFIED 1977)  
CANINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH BRECCIATED ZONE IN METASED ROCKS)

REMARKS (8 DDH-1.85% CU OVER 7.7 FT/ STRIKE LENGTH 320 FT  
(1956)#)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (WELL DEVELOPED SUDBURY TYPE BRECCIA/POST ORE)

MAP(S) (GEOL 2308 ODM/GEOL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT/ VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 87/ \*GI\*

---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL/ AUGUST (1917)/ PG 193

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOULIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*AI\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-893

MASSEY MINE NO 4 SHAFT  
CU(3) AG(3) AU(3)

41/J/01 46 14 17 082 07 50 SALTER TP/ SEC 16  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANINDEX NUMBER (009029) NMI NUMBER (041/J/01/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN QTZ-RICH ZONE IN METASED ROCKS)

REMARKS (SUPERGENE COPPER ZONE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCITE/BORNITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SUPERGENE COPPER ENRICHMENT)  
STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)

## COMMENTS (IMPORTANT SUPERGENE CU ZONE APPROX 75 FT THICK)

PRODUCTION: FEB/1969 TO 1970 11,902 TONNES ORE  
COMMENTS (CUSTOM MILLED/ NO GRADE DATA)  
REFERENCE (ODM GR 136/ PG 115)

RESERVE: 1965 29,029 TONNES 3.550% CU  
0.78G/T AU 17.14G/T AG  
REFERENCE (ODM GR 136/ PG 114-115)

MAP(S) (GEOLOGICAL 2308 ODM/GEOLOGICAL 2419 OGS)

COLEMAN, A.P. 1913  
THE MASSEY COPPER MINE AREA/ ODM ANN REPT/ VOL 22  
PART 1 1913/ PG 155-160/ \*AC\*

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG  
129-131/ \*I\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT/ VOL 38 PART 7 1929/ PG 28-30/ \*AC\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 87/ \*GI\*

---- 1917  
THE MASSEY COPPER MINE ONTARIO/ ENGINEERING AND  
MINING JOURNAL AUG 4 (1917)/ PG 193

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA DISTRICTS OF ALGOMA  
MANITOWLIN AND SUDBURY/ ODM GR 136/ PG 111-116/  
\*A1\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 262-263/  
\*I\*

41-115

PATER MINE  
CU(3) AU(3) AG(3)

41/J/02 46 12 25 082 38 57 SPRAGGE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2186)  
CANINDEX NUMBER (009040) NMI NUMBER (041/J/02/CU/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DEFORMED MASSIVE SLFDS IN MAFIC METAVOLCANICS)

REMARKS (CHERTY QTZITE (EXHALATIVE CHERT(?)) ASSOC WITH ORE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (FE-CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SILICIFICATION)  
STRIKE (090) DIP (85)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (MRC 12/PG 65/ODM GR 76/PG90-94)  
COMMENTS (ORE ZONE AVG WIDTH 2.7M/MINED TO DEPTH OF 1250M/  
LATERAL WORKINGS UP TO 396M)

PRODUCTION: FEB/1961 TO APR/1970 2,079,726 TONNES ORE  
1.720% CU 0.06G/T AU 3.12G/T AG  
COMMENTS (CALCULATED GRADES/ AG 1964-70)  
REFERENCE (SMD 000874 (NMI))

PRODUCTION: 1961 TO 1970 2,079,726 TONNES ORE  
1.718% CU 0.07G/T AU 2.09G/T AG  
COMMENTS (CALC GRADE)  
REFERENCE (ODM SMDR 000874)

RESERVE: 1957 936,670 TONNES 1.800% CU  
COMMENTS (INCLUDES 10% DILUTION)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2186 ODM/GEOLOGICAL P304 ODM)

ROBERTSON, J.A. 1970  
GEOLOGY OF SPRAGGE AREA/ ODM GEOLOGICAL REPT 76

KNIGHT, C.J. 1963  
GEOLOGY OF PATER MINE/ UNPUBLISHED BASC THESIS/  
UNIVERSITY OF TORONTO

BEGER, R.M. 1963  
GEOLOGY OF THE PATER MINE-BLIND RIVER AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ MICHIGAN  
TECHNOLOGICAL UNIVERSITY 1963/ HOUGHTON MICHIGAN

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 65

---- /ODM ANNUAL REPTS/1957-VOL66 PT 1 PG 151/1958-VOL  
67 PT 2 PG 162/1960-VOL 69 PT 2 PG 122/1960-VOL  
70 PG 102/1961-VOL 7 PG 108/1962-VOL 72 PG 112/  
1963-VOL 73 PG 109/1964-VOL 74 PG 111

KILLIN, A.F. 1963  
THE CANADIAN COPPER INDUSTRY-1962/ INFO BULLETIN  
MR 68/ MINERAL RESOURCES DIVISION/ DEPT OF MINES  
& TECHNICAL SURVEYS/ OTTAWA/ PG 47

PEARSON, W.N. 1979

## COPPER METALLOGENY NORTH SHORE REGION OF LAKE HURON/ GSC PAPER 79-1A/ PG 299/ \*AC\*

41-116

GOULDING MINE  
CU(3)

41/J/06 46 15 07 083 02 28 COBDEN TP/ LOT 10 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008481) NMI NUMBER (041/J/06/CU/026)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA QTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)

VEIN TYPE (VEIN SETS/VEIN BRECCIAS) STRIKE (305) DIP (85)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 20/PG 62-65)  
COMMENTS (LIMITED PRODUCTION)

PRODUCTION: MAY/1962 TO JUN/1962 440 TONNES ORE  
1.400% CU  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL 2028 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 19/ \*CG\*

ROBERTSON, J.A. 1964  
GEOLOGY OF SCARFE MACKENZIE COBDEN AND STRIKER  
TOWNSHIPS/ ODM GEOLOGICAL REPT 20/ PG 62-65/ \*AC\*

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-488

41-117

BAR-FIN MINE  
CU(3)

41/J/03 46 14 04 083 05 00 THOMPSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2012)  
CANINDEX NUMBER (009039) NMI NUMBER (041/J/03/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SULPHIDE VEINS CUT GOWGANDA SEDIMENTS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (074)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (2 FISSURE VEINS APPROX 600 FT APART)

PRODUCTION: 1906 1,360 TONNES ORE  
4.000% CU  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL P304 ODM)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
REPORT 17/ PG 62-63/ \*A\*

ROBERTSON, J.A. 1960  
GENERAL GEOLOGY OF PART OF THE BLIND RIVER AREA/  
UNPUBLISHED M SC THESIS QUEENS UNIVERSITY/ VOL 1/  
PG 224-225

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 71

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 67

---- / NORTHERN MINER/ DEC 30 1953/ FEB 25 1954/ OCT 6  
1955/ NOV 1 1956

---- OBM ANNUAL REPTS/ 1906- VOL 15 PT 1 PG 69/ 1907-  
VOL 16 PT 1 PG 41

---- REPORT ON THE MINING AND METALLURGICAL INDUSTRIES  
OF CANADA 1907-08/ MINES BRANCH (DEPT OF MINES)  
OTTAWA/ REPT 24/ PG 399-401

41-118

KNOBLAUCH  
CU(7)

41/J/06 46 15 27 083 11 00 THOMPSON TP/ SEC 1/ NW 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008453) NMI NUMBER (041/J/03/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT DIABASE)

REMARKS (2 PARALLEL VEINS 5 FT APART)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (255) DIP (70)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 67-68)  
COMMENTS (NORTH VEIN/1.5 FT WIDE/SOUTH VEIN 0.7 FT WIDE/  
VEINS 4.5 FT APART)

MAP(S) (GEOL 2012 ODM/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 67-68/  
\*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-190  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 52

41-119

ADIT  
CU(7) U(7)

41/J/05 46 23 16 083 58 02 TARBUTT TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009015) NMI NUMBER (041/J/05/CU/030)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARBONATE VEINS IN SHEAR ZONE CUTTING GABBRO)

REMARKS (RADIOACTIVITY UP TO 3 TIMES BACKGROUND/ VERY LOW GRADE MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PITCHBLENDE)  
GANGUE (CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (300) DIP (87)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 65-66)  
COMMENTS (TWO FISSURE-FILLING VEINS 1.5 FT APART/80 FT LONG)

MAP(S) (GEOL 1414A GSC/GEOL P303 ODM)

LANG, A.H. 1962  
CANADIAN DEPOSITS OF URANIUM AND THORIUM/ GSC  
ECONOMIC GEOLOGY SERIES NO 16 (SECOND EDITION)/  
PG 279/ \*1\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 65-66

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-5

41-120

ALGOMONT (ASSAM)  
CU(7)

41/J/05 46 25 43 083 42 15 ROSE TP/ SEC 6/ S 1/2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009036) NMI NUMBER (041/J/05/CU/018)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEIN CUTS NIPPISING DIABASE)

REMARKS (VEIN TRACED FOR 900 FEET/ WIDTH FROM 2 TO 6 FEET#)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (270) DIP (75)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 58-59/WNP FIELD)  
COMMENTS (VEIN TRACED FOR 900 FT/WIDTH 2-6 FT/NO GRADE DATA  
AVAILABLE)

MAP(S) (GEOL P303 ODM/GEOL 2419 OGS)

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/ ODM ANNUAL REPTS/ 1922-VOL 31 PT 10 PG 22-23/  
1923-VOL 32 PT 6 PG 26  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 58-59

41-121

BALD DOME  
CU(5)

41/J/05 46 21 34 083 46 46 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009034) NMI NUMBER (041/J/05/CU/024)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN SYSTEM 8 BRECCIA ALONG DIABASE-SILTSTONE CONT)

REMARKS (ZONE DIPS STEEPLY SOUTH/ WIDTH 80-100 FEET/  
AVERAGE GRADE 0.25% CU)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (045)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--ALONG DIABASE/SEDIMENT CONTACT/CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 52/WNP FIELD)  
COMMENTS (DDH OVER 500FT LENGTH/ZONE 80-100FT WIDE(TRUE)/  
AVG GRADE 0.25% CU)

RESERVE: 1968 680,388 TONNES 0.250% CU  
COMMENTS (CALCULATED TONNAGE)  
REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 73  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 52

-----  
/ ODM RESIDENT GEOLOGIST FILE/ SSM-1232/-1233  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-122

BONDARENKO  
CU(5)

41/J/05 46 21 41 083 47 48 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM (SSM) ASSESSMENT FILE MAP)  
CANMINDEX NUMBER (008455) NMI NUMBER (041/J/05/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS DIABASE AND SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SETS) STRIKE (065) DIP (85)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 52-53/WNP FIELD)  
COMMENTS (VEIN TESTED 800 FT LENGTH/300 FT DEPTH/ AVG WIDTH  
6-8 FT/BEST ASSAY 2.07% CU/3FT)

MAP(S) (GEOL 1414A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/

ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 52-53/  
\*CG\*

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1236

41-123

BRUCE MINES  
CU(3) AG(3) AU(3)

41/J/05 46 18 03 083 46 48 PLUMMER ADDITIONAL TOWNSHIP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TAYLOR WORKINGS/GSC MAP32-1962)  
CANINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SULPHIDES IN QTZ-CARBONATE VEINS CUTTING DIABASE)

REMARKS (AREA WITH MINERALIZED VEINS DIVIDED INTO 4  
SECTIONS#)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)  
COMMENTS (NO 1 VEIN 8000 FT LONG/NO 2 VEIN APPROX 60 FT W  
OF NO 1/1300 FT LONG)

PRODUCTION: 1846 TO 1875 43,175 TONNES CONCENTRATE  
20.00% CU  
COMMENTS (BRUCE/ COPPER BAY/ WELLINGTON)  
REFERENCE (1969 ODM M.R.C.#12/ PG 53)  
PRODUCTION: 1846 TO 1875 75,362 TONNES CONCENTRATE  
20.06% CU  
COMMENTS (APPRDX 300000 TONS ORE TREATED)  
REFERENCE (NMI)

RESERVE: 1955 142,428 TONNES 1.100% CU  
COMMENTS (IN 2 ZONES)  
REFERENCE (NMI)

MAP(S) (GEOL 2419 OGS/GEOL 32-1962 GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*G1\*

---- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92  
KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AC\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

---- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

---- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47/  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-1849

41-871

BRUCE MINES-BRUCE SECTION  
CU(3) AG(3) AU(3)

41/J/05 46 17 51 083 46 22 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (WORKINGS/ GSC MAP 32-1962)  
CANINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARBONATE VEINS CUTTING DIABASE)

REMARKS (900 FT SOUTHEAST OF TAYLOR SECTION/ NUMEROUS  
SHAFTS ALONG STRIKE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)

MAP(S) (GEOL 2419 OGS/GEOL 32-1962 GSC)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*G1\*

---- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AC\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

---- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

---- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47/  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-49

41-872

BRUCE MINES-COPPER BAY SECTION  
CU(3) AG(3) AU(3)

41/J/05 46 18 24 083 47 27 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (WORKINGS/ GSC MAP 1414A)  
CANINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SULPHIDES IN QTZ-CARBONATE VEINS CUTTING DIABASE)

REMARKS (NO 1 VEIN/8000 FT/4-5.5 FT WIDE/3.3%CU#NO 2 VEIN/  
1300 FT/4 FT/2.3% CU)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)  
COMMENTS (NO 1 VEIN AVG WIDTH 4-5.5 FT/AVG GRADE APPROX  
3.3% CU)

MAP(S) (GEOL 2419 OGS/GEOL 1414A GSC)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*G1\*

---- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AC\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

---- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

---- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47/  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-1849

41-873

BRUCE MINES-WELLINGTON SECTION  
CU(3) AG(3) AU(3)

41/J/05 46 18 17 083 47 16 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (WORKINGS/GSC MAP 32-1962)  
CANINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARBONATE VEINS CUTTING DIABASE)

REMARKS (ADJOINS COPPER BAY SECTION TO NORTHWEST# 2 SHAFTS  
TO 250 FT#)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)

VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)  
COMMENTS (NO. 1 VEIN AVG WIDTH 4-5.5 FT/AVG GRADE APPROX  
3.3% CU)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 32-1962 GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*GI\*

---- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AC\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

---- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

---- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47/  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-49

41-874

BRUCE MINES-TAYLOR SECTION  
CU(3) AG(3) AU(3)

41/J/05 46 18 03 083 46 48 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (WORKINGS/ GSC MAP 32-1962)  
CANMINDEX NUMBER (009030) NMI NUMBER (041/J/05/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARBONATE VEINS CUTTING DIABASE)

REMARKS (2400 FT SOUTHWEST OF WELLINGTON SECTION#SHAFT TO  
155FT/DRIFTS FOR 2000)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE/BARITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (145)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (GSC MEMOIR 383/PG 72-73/NMI)

PRODUCTION: 1915 TO 1921 119,460 TONNES ORE  
COMMENTS (EXCLUSIVE 1916/ NO GRADE DATA)  
REFERENCE (NMI/ 1969 ODM M.R.C.#12/ PG 53)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 32-1962 GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 53-54/  
\*GI\*

---- 1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO-TORONTO/ PG 91-92

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT/ VOL  
24 PART 1 1915/ PG 231-235/ \*AI\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
TORONTO/ PG 20-24

---- / ODM ANN REPTS/ VOLS 10-33/ 1900-1922

---- / CANADIAN MINING JOURNAL/ APRIL 1907/ PG 47 AND  
JULY 1939/ PG 424-426/ \*CG\*

LOGAN, W.E. 1949  
REPORT ON NORTH SHORE OF LAKE HURON/ GSC REPT OF  
PROGRESS 1848-49

41-124

CAMPBELL-DUKES NO 1  
CU(2)

41/J/05 46 20 46 083 49 34 JOHNSTON/PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009018) NMI NUMBER (041/J/05/CU/023)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ SLFD VEINS ALONG DIABASE-QUARTZITE CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (SILICIFICATION/HEMATIZATION)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (MINOR OCCURRENCE)

RESERVE: 1956 29,937 TONNES 1.200% CU  
REFERENCE (NMI/ 1957 ODM MRC 2/ PG 73)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1414A GSC)

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-1232 AND -1324  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 54/ \*I\*

41-125

CAMPBELL-DUKES NO 2  
CU(7)

41/J/05 46 20 53 083 50 12 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OLD SHAFT OR TRENCH/PEARSON 77)  
CANMINDEX NUMBER (008600) NMI NUMBER (041/J/05/CU/023)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FRACTURE ZONE VEINS CUTTING GOWGANDA QTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (080) DIP (75)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12 PG 54/WNP FIELD)  
COMMENTS (RESERVES IN BLOCK 230 FT LONG/8 FT WIDE/220 FT  
DEEP)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 54/ \*C\*

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-1232/ -1324

41-126

BOYEA LAKE-EAST ZONE  
CU(2)

41/J/06 46 25 30 083 05 45 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008475) NMI NUMBER (041/J/06/CU/052)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (105) DIP (75)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

RESERVE: 1970 85,547 TONNES 2.310% CU  
COMMENTS (EAST ZONE/ DEPTH TO 250 FEET)  
REFERENCE (NMI/ 1970 NM NOV 26/ PG 107)

MAP(S) (GEOLOGICAL 2032 ODM/GEOLOGICAL 1415A GSC)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 82/ \*CG\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44/  
\*CG\*

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ \*AB\*

---- / ODM TORONTO ASSESSMENT WORK LIBRARY/ DRILL LOG

REPORT/ SUDBURY CONTACT MINES LTD/ 1952-53  
 ---- 1973  
 / ODM SOURCE MINERAL DEPOSIT RECORD/ 000793

41-127

BOYEA LAKE-ADIT AREA (EAST ADIT & WEST ADIT AREAS)  
 CU(2)

41/J/06 46 25 50 083 06 50 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NMI)  
 CANMINDEX NUMBER (008475) NMI NUMBER (041/J/06/CU/052)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (ADIT AREA SUBDIVIDED INTO EAST ADIT & WEST ADIT  
 (BOTH WITH RESERVES))

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (105) DIP (75)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

RESERVE: 1970 40,823 TONNES 1.660% CU  
 COMMENTS (ADIT AREA WEST ZONE)  
 REFERENCE (NMI)

RESERVE: 1971 75,296 TONNES 2.100% CU  
 COMMENTS (ADIT EAST ZONE/ 2 ORE SHOOT)  
 REFERENCE (NMI)

MAP(S) (GEOL 2032 ODM/GEOL 1415A GSC)

THOMSON, J. E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 82/ \*CG\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44/  
 \*CG\*

ROBERTSON, J. A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
 NO 17/ \*AB\*

---- / ODM TORONTO ASSESSMENT WORK LIBRARY/ DRILL LOG  
 REPORT/ SUDBURY CONTACT MINES LTD/ 1952-53

---- / ODM SOURCE MINERAL DEPOSIT RECORD/ 000793

41-128

FRASER-1  
 CU(7)

41/J/05 46 27 23 083 44 50 ABERDEEN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
 CANMINDEX NUMBER (008457) NMI NUMBER (041/J/05/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FORMATION)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 13)  
 COMMENTS (VEIN 2-8 FT WIDE/SPARSE MINERALIZATION)

MAP(S) (GEOL 1414A GSC/GEOL 2419 DGS)

---- 1902  
 / OBM ANN REPORT/ VOL 11 1902/ PG 271  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 13/ \*C\*

41-129

INDIAN LAKE  
 CU(7)

41/J/05 46 27 29 083 46 20 ABERDEEN TP/ LOT 6 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
 CANMINDEX NUMBER (008458) NMI NUMBER (041/J/05/CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 13-14)

MAP(S) (GEOL 1414A GSC/GEOL 2419 DGS)

---- 1902  
 / OBM ANN REPORT/ VOL 11 1902/ PG 271-272  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 13-14/  
 \*C\*

41-130

JAYCO (MID-NATION)  
 CU(5)

41/J/06 46 20 37 083 29 02 KIRKWOOD TP/ LOT 3-4 CON 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009000) NMI NUMBER (041/J/06/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD-CARBONATE VEIN CUTS GOWGANDA CONGLOMERATE)

REMARKS (HIGH GRADE MINERALIZATION BUT WIDTH IS  
 LIMITED-0.5 TO 1.3 FT)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CALCITE)  
 VEIN TYPE (VEIN SETS) STRIKE (265) DIP (86)  
 REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
 -- CUTS DIABASE/GABBRO)

SOURCE (WNP FIELD DATA)  
 COMMENTS (VEIN LOCALLY VERY MASSIVE CHALCOPYRITE)

MAP(S) (GEOL 1415A GSC/GEOL P303 ODM)

COLLINS, W. H. 1925  
 THE NORTH SHORE OF LAKE HURON/ GSC MEMOIR  
 143 (REPRINTED 1956)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 40

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-67 TO 70/-732

41-131

KIRK  
 CU(7) AU(7)

41/J/05 46 29 52 083 48 49 ABERDEEN TP/ LOT 11 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009032) NMI NUMBER (041/J/12/CU/012)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QUARTZ VEIN WITH MINOR SULPHIDE CUTS DIABASE)

REMARKS (EXPLORED AS GOLD PROSPECT)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090) DIP (55)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 13)

COMMENTS (VEIN 2-8FT WIDE/SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 1413A GSC/GEOLOGICAL P303 ODM)

-----  
 / ODM ANNUAL REPORTS/ 1915-VOL 24 PT 1 PG 68-69/  
 1920-VOL 29 PT 1 PG 68-69/ 1921-VOL 30 PT 1 PG 64/  
 1922-VOL 31 PT 10 PG 21

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 13

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 / ODMNA ASSESSMENT WORK LIBRARY/ TORONTO/ FILE  
 63.2394

KINDLE, E.D. 1936  
 GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
 GSC MEMOIR 192/ PG 21

41-132

LITTLE BALD DOME  
 CU(7)

41/J/05 46 21 29 083 46 43 PLUMMER ADDITIONAL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
 CANMINDEX NUMBER (008461) NMI NUMBER (041/J/05/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (BRECCIATED QUARTZITE WITH SPARSE SLFD)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 VEIN TYPE (VEIN BRECCIAS)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 55)  
 COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 55/ \*C\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1234

41-133

500 LDDE  
 CU(7)

41/J/05 46 21 25 083 47 24 PLUMMER ADDITIONAL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM (SSM) ASSESSMENT FILE MAP)  
 CANMINDEX NUMBER (008462) NMI NUMBER (041/J/05/CU/013)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUTS GOWGANDA GREYWACKE)

REMARKS (COPPER VALUES LOW AND ERRATICALLY DISTRIBUTED)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090) DIP (35)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 55)  
 COMMENTS (VEIN LENGTH 150 FT/AVG WIDTH 5-6 FT/CU GRADES LOW  
 AND ERRATIC)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 55/ \*C\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1236

41-134

NORTH  
 CU(7)

41/J/05 46 18 40 083 45 35 PLUMMER ADDITIONAL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008463) NMI NUMBER (041/J/05/CU/025)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)

CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 55-56)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 55-56/  
 \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-143

41-135

NORTH STEINBERG  
 CU(5)

41/J/05 46 21 23 083 47 56 PLUMMER ADDITIONAL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM (SSM) ASSESSMENT FILE MAP)  
 CANMINDEX NUMBER (008464) NMI NUMBER (041/J/05/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA GREYWACKE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (90)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 56/WNP FIELD)  
 COMMENTS (VEIN TRACED FOR 200 FT LENGTH)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 56/ \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1232/-1236

41-136

ROCK LAKE MINE  
 CU(3) AG(7) AU(7)

41/J/05 46 26 21 083 43 59 ABERDEEN TP/ LOT 3 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (008028) NMI NUMBER (041/J/05/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (VEINS IN FAULT BRECCIA ZONE CUTTING SED ROCKS)

REMARKS (ZONE TRACED FOR 9000 FT/12-20 FT WIDE AT MINE/  
 GRADE 0.11-0.51% CU)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
 GANGUE (QUARTZ/ANKERITE)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (015) DIP (50)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (GSC MEMOIR 125/PG 126)  
 COMMENTS (VEIN 12-20 FT WIDE AT MINE)

PRODUCTION: 1901 TO 1903 39,281 TONNES ORE  
 1.76% CU  
 COMMENTS (CALCULATED GRADE)  
 REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1414A GSC)

COLLINS, W.H. 1925  
 NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143/ PG 126/  
 \*1\*

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 1898  
 / ODM (BUREAU OF MINES) REPT 1898 VOL 8 PT 1/ PG  
 19 AND 124

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 1902  
 / ODM (BUREAU OF MINES) REPT 1902 VOL 11/ PG 22



AND 270-271  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 14/ \*GI\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 81/ \*I\*  
----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-41 AND -42  
FRAREY, M.J. 1977  
GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
MARIE & BLIND RIVER/ GSC MEM 383/ PG 73

41-137

STEINBERG  
CU(3)

41/J/05 46 20 48 083 48 03 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009035) NMI NUMBER (041/J/05/CU/022)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZITE BRECCIA WITH QTZ-CARBONATE-SLFD MATRIX)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/ANKERITE)  
ALTERATION (SILICIFICATION/HEMATIZATION)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (160) DIP (55)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 56-57/WNP FIELD)  
COMMENTS (FRAGMENTS ALIGNED/DRILLED OVER 600 FT LENGTH TO  
DEPTH OF 400 FT)

PRODUCTION: 1919 126 TONNES ORE  
1.590% CU  
COMMENTS (SHIPPED TO SUBURBY)  
REFERENCE (NMI/ 1969 ODM MRC 12/ PG 56)

RESERVE: 1956 112,490 TONNES 1.100% CU  
COMMENTS (LENGTH 200 FT/ DEPTH 200 FT)  
REFERENCE (NMI/ 1969 ODM MRC 12/ PG 56)  
RESERVE: 1956 60,781 TONNES 1.820% CU  
REFERENCE (SSM-1232)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 73  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 56-57  
----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1235  
PEARSON, W.H. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-138

STOBIE MINE (RAINBOW MINE)  
CU(3)

41/J/05 46 21 22 083 52 44 JOHNSON TP/ LOT 0  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009033) NMI NUMBER (041/J/05/CU/029)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEIN CUTS LORRAIN QUARTZITE)

REMARKS (9 TONS OF ORE SHIPPED 1899-1901)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/BORNITE/CHALCOCITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)/VEIN BRECCIAS) STRIKE (080) DIP (90)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 34-35/WNP FIELD)  
COMMENTS (SURFACE-VEIN 80 FT LONG/3 FT WIDE/100 FT LEVEL 2  
VEINS/N VEIN 1 FT WIDE/S VEIN 2-3 FT)

MAP(S) (GEOLOGICAL 1414A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 74  
SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 34-35  
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/ ODM RESIDENT GEOLOGIST FILES/ SSM-22/-990/-1230

41-139

TWO HORSE LAKE  
FE(5) CU(5)

41/J/12 46 31 17 083 52 08 ABERDEEN ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/GSC MAP 1413A)  
CANMINDEX NUMBER (009010) NMI NUMBER (041/J/12/CU/010)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (MAGNETITE-SLFD RICH SKARN IN ESPANOLA LIMESTONE)

REMARKS (EXPLORED MAINLY AS FE PROSPECT#)

TYPE (SKARN)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (MAGNETITE/CHALCOPYRITE/PYRITE)  
GANGUE (CALC-SILICATES/CALCITE)  
ALTERATION (SILICIFICATION/CARBONATIZATION/CHLORITIC)  
STRIKE (125) DIP (40)  
REL TO NIP DIABASE (SKARN)  
SOURCE (ODM MRC 12/PG 14-15)  
COMMENTS (DRILLED AS FE PROSPECT/MOST CU ASSAYS LESS THAN  
1%/ZONE 130 FT LONG/MAX WIDTH 35 FT)

MAP(S) (GEOLOGICAL 2419 OGS/GEOL 1413A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 14-15  
SHKLANKA, R. 1968  
IRON DEPOSITS OF ONTARIO/ ODM MINERAL RESOURCE  
CIRCULAR 11/ PG 20  
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/ ODM RESIDENT GEOLOGIST FILES/ SSM-486/-657

41-140

WILMOT  
CU(7)

41/J/05 46 29 58 083 41 17 GALBRAITH TP/LOT 10-11 CON 4-5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008465) NMI NUMBER (041/J/05/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA SED ROCKS)

REMARKS (ONE CARLOAD SHIPPED IN 1916/ 5 VEINS IN AREA OF  
700 BY 400 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE/CHALCOCITE/  
BORNITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (75)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 23-24)  
COMMENTS (MAIN VEIN 300 FT LONG/WIDTH 1-5 FT/GRADE 2-3% CU)

MAP(S) (GEOLOGICAL 1414A GSC/GEOL 2419 OGS)

---- 1918  
/ ODM ANN REPORT/ VOL 27 PT 1 1918/ PG 24 & 97  
COLLINS, W.H. 1918  
NORTH SHORE OF LAKE HURON ONTARIO/ GSC SUMM  
REPORT 1917 PART E/ PG 7-8  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 23-24/  
\*C\*

41-141

ANTHONY  
CU(6)

41/J/06 46 20 26 083 28 12 KIRKWOOD TP/ LOT 2 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008717) NMI NUMBER (041/J/06/CU/022)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)

CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN IN GABBRO)

REMARKS (VEIN STRIKES E-W)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 40)  
COMMENTS (AVG GRADE-2 DDH/0.46% CU/2 FT/0.3% CU/10FT)

MAP(S) (GEOLOGICAL 1415A GSC/GEOLOGICAL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 40/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1191

41-142

BAND-ORE  
CU(6)

41/J/05 46 21 59 083 33 13 BRIDGLAND TP/LDT 10-11 CON 1-2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008466) NMI NUMBER (041/J/05/CU/028)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 16-17)  
COMMENTS (CHANNEL SAMPLES RANGED/0.36% CU/4 FT TO 4.96% CU/  
2 FT)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 16-17/  
\*CG\*

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-1165

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/ NORTHERN MINER/ SEPT 28 1967/ FEB 22 & MARCH 28  
1968

41-143

PAYNTER  
CU(5)

41/J/05 46 22 02 083 31 01 BRIDGLAND TP/ LOT 6-7 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008467) NMI NUMBER (041/J/05/CU/027)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN DIABASE)

REMARKS (TWO VEINS 400 FT APART)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (110) DIP (90)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 17)  
COMMENTS (SOUTH VEIN/1.87% CU/AVG WIDTH 7.1 FT/LENGTH 732  
FT/LOW VALUES IN DDH)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 17/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-50/-241/-1108

41-144

ROARING RIVER NO 1  
CU(5)

41/J/06 46 24 50 083 28 40 BRIDGLAND TP/ LOT 1-2 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008492) NMI NUMBER (041/J/06/CU/023)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (MOST ASSAYS < 1% CU/INTERMITTENT FOR 8000 FT  
LENGTH/ WIDTH 3-8 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (135)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 17-18)  
COMMENTS (TWO MAIN VEINS/DDH ASSAYS FROM 0.04% CU/1.4 FT TO  
2.43% CU/1.7 FT/MOST BELOW 1%)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 17-18/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-51/-52/-537

41-145

BILTON OPTION  
CU(3)

41/J/06 46 17 16 083 10 36 PATTON TP/ SEC 27-28  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008474) NMI NUMBER (041/J/06/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS IN GOWGANDA FM)

REMARKS (2 ZONES- EAST & WEST -200 FT APART/ MINOR ORE  
SHIPMENTS -1968)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE/MAGNETITE)  
GANGUE (QUARTZ/SIDERITE/CALCITE)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (260) DIP (85)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 17/PG 55-56/WNP FIELD)  
COMMENTS (ZONE 2600 FT LONG/TESTED TO DEPTH OF 450FT)

RESERVE: 1977 453,592 TONNES 1.700% CU  
REFERENCE (P. MCCLAIN PER COMM 1977 (TO WNP))  
RESERVE: 1956 86,327 TONNES 1.720% CU  
COMMENTS (WIDTH 7.3 FT/DEPTH 200 FT)  
REFERENCE (NMI)  
RESERVE: 1962 27,215 TONNES 2.000% CU  
COMMENTS (MAX TONNAGE/ EST BY RID TINTO)  
REFERENCE (1963 ODM GEOL REPT/ PG 58)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 1415A GSC)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA ONTARIO/ ODM GEOL  
REPT 17/ PG 55/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 49/ \*CG\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 72/ \*CG\*

ROBERTSON, J.A. 1960  
GENERAL GEOLOGY OF PART OF THE BLIND RIVER AREA/  
UNPUBLISHED MSC THESIS QUEENS U/ VOL 1/ 1960 PG  
227

41-146

BRADY  
CU(5)41/J/06 46 16 43 083 05 31 PATTON TP/ SEC 35-36  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT/ ODM MAP 2012)  
CANMINDEX NUMBER (009037) NMI NUMBER (041/J/06/CU/043)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SULPHIDE VEINS CUT NIPISSING DIABASE)

REMARKS (SEVERAL VEINS LARGEST BEING NO 1 &amp; NO 2)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (275) DIP (80)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 50)  
COMMENTS (MAIN VEINS NO 1&2/CHIP SAMPLES/0.6% CU /16FT/  
4.52% CU/3FT/0.10% CU/8.7FT)

MAP(S) (GEOL 2012 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
REPORT 17/ PG 60-61/ \*A\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 50----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-150

41-147

CHIBLOW  
CU(7)41/J/06 46 19 00 083 03 53 SCARFE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008719) NMI NUMBER (041/J/06/CU/028)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT BRUCE FM QUARTZITE)REMARKS (2 LENSES 95 FT APART ALONG STRIKE/ VERY LOW GRADE  
MINERALIZATION)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (BRUCE FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 63)  
COMMENTS (CONTACT METASOMATIC DEPOSIT(?)/VEIN ATTITUDES  
HIGHLY VARIABLE)

MAP(S) (GEOL 2028 ODM/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 63/ \*CG\*  
ROBERTSON, J.A. 1964  
GEOLOGY OF SCARFE MACK COBDEN AND STRIKER  
TOWNSHIPS/ ODM GEOL REPORT 20/ PG 74-77

41-148

CLELAND LAKE  
CU(6)41/J/06 46 24 15 083 14 20 PARKINSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008476) NMI NUMBER (041/J/06/CU/045)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN FRACTURE ZONE IN QUARTZITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (PYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (270) DIP (80)REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 48)  
COMMENTS (CHIP SAMPLES/0.22% CU/6FT/1.05% CU/8FT/0.40% CU/  
9FT/0.20% CU/3FT/NIL AU IN ALL)

MAP(S) (GEOL 1415A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 48/ \*CG\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-141

41-149

COBDEN RIVER  
FE(5) CU(5)41/J/06 46 22 56 083 10 57 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008477) NMI NUMBER (041/J/06/CU/047)CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (MAGNETITE-SLFD RICH SKARN IN ESPANOLA FM)TYPE (SKARN)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (CHALCOPYRITE/MAGNETITE/PYRITE)  
GANGUE (QUARTZ/CALC-SILICATES)  
REL. TO NIP. DIABASE (SKARN)  
SOURCE (ODM MRC 12/PG 43/WNP FIELD)  
COMMENTS (2 LAYERS/UPPER LDW GRADE 4FT THICK/LOWER HIGHER  
GRADE 6-7FT THICK/BEST 1.94%CU/7)

MAP(S) (GEOL 1415A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43/ \*CG\*----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-123/ -124/  
-487

41-151

DEMPSEY  
CU(7)41/J/06 46 18 05 083 19 42 DAY TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008478) NMI NUMBER (041/J/06/CU/056)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARBONATE VEIN CUTTING SED ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (095)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 20)  
COMMENTS (LOW GRADE MINERALIZATION/ZONE 6-10 FT WIDE)

MAP(S) (GEOL 2012 ODM/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 20/ \*CG\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-724  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ \*AB\*

41-152

EAST PAYNTER  
CU(5)41/J/06 46 25 46 083 26 33 WELLS TP/ LDT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008479) NMI NUMBER (041/J/06/CU/025)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA SEDIMENTS)

REMARKS (DDH 1.26% CU OVER 13.2 FEET AVERAGE GRADE/ VEIN TRACED 200 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 69)  
COMMENTS (LENGTH 200 FT/DDH ASSAYS AVG 1.26% CU/13.2 FT/ONE DRILL HOLE)

MAP(S) (GEOLOGICAL 2419 DGS/GEOLOGICAL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 69/ \*CG\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1245

41-153

GLAGOMA MINE  
CU(3)

41/J/06 46 17 23 083 12 20 GLADSTONE TP/ LOT 1 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009017) NMI NUMBER (041/J/06/018)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-CARBONATE SULPHIDE VEIN CUTTING GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (HEMATIZATION)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (080) DIP (90)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 17/PG 52-53/WNP FIELD)  
COMMENTS (WEST SECTION 250 FT LONG/EAST SECTION 400 FT LONG/  
MAX WIDTH 7 FT)

PRODUCTION: 1917 TO 1917 26 TONNES ORE  
3.100% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI/ 1963 ODM GR 17/ PG 53)  
PRODUCTION: 1962 TO 1962 145 TONNES ORE  
1.020% CU  
COMMENTS (CALCULATED GRADE)  
REFERENCE (NMI/ 1963 ODM GR 17/ PG 53)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 2419 DGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
REPORT NO 17/ PG 53-55/ \*AG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 25-26/  
\*G1\*  
---- 1972  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1660

41-154

GRAND PORTAGE MINE  
CU(4)

41/J/06 46 26 48 083 24 56 GOULD TP/ LOT 8 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008482) NMI NUMBER (041/J/06/049)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)

REMARKS (NO PRODUCTION DATA AVAILABLE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOCITE/BORNITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
ALTERATION (SUPERGENE COPPER ENRICHMENT)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 27-28)  
COMMENTS (NO PRODUCTION DATA AVAILABLE)

MAP(S) (GEOLOGICAL 2419 DGS/GEOLOGICAL 1415A GSC)

BLUE, A. 1899  
CONDITION OF ONTARIO MINES/ OBM ANN REPT 1899 PT  
1/VOL 8/ PG 37-38  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 27-28/  
\*C\*  
KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT 1915  
PT 1/ VOL 24/ PG 236

41-155

JURY MINE  
CU(3)

41/J/06 46 17 17 083 07 38 PATTON TP/ SEC 27  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2012)  
CANMINDEX NUMBER (009038) NMI NUMBER (041/J/06/042)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (MINOR PRODUCTION IN 1906)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (100)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 17/PG 60)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL P304 ODM)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOLOGICAL  
REPORT 17/ PG 60/ \*A\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 51

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-148

41-156

KENNEDY  
CU(7)

41/J/06 46 16 30 083 04 30 PATTON TP/ SEC 36 NE 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008484) NMI NUMBER (041/J/06/020)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (070)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 51/ODM MAP 2012)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 51/ \*C\*  
----

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-151

41-157

KYNOCH  
CU(7)

41/J/06 46 26 42 083 16 45 GRASSETT TP/ LOT 8 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009006) NMI NUMBER (041/J/06/014)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-CARBONATE VEINS CUT GOWGANDA FM)

## REMARKS (LOW GRADE MINERALIZATION#)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
 GANGUE (QUARTZ)  
 ALTERATION (HEMATIZATION)  
 VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (105) DIP (77)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 29/WNP FIELD)  
 COMMENTS (VERY LOW GRADE MINERALIZATION)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

GIBLIN, P.E. 1969  
 / RESIDENT GEOLOGISTS ANNUAL REPORT 1968 PART 2/  
 ODM MISCELLANEOUS PAPER 24/ PG 4  
 MOORE, E.S. 1930  
 ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
 ODM ANN REPT/ VOL 38 PT 7 1929/ PG 14

41-158

LITTLE PICKEREL LAKE  
 CU(6)

41/J/06 46 29 05 083 18 20 GRASSETT TP/ LOT 10-11 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008485) NMI NUMBER (041/J/06/CU/044)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

REMARKS (ASSAYS FROM 0.22% CU (0.5 FT) TO 3.25% CU (SFT)/  
 MOST < 0.75% CU)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 29-30)  
 COMMENTS (DDH ASSAYS RANGE FROM 0.22% CU/0.5FT/3.25% CU/  
 5.0FT/MAJORITY BELOW 0.75% CU)

MAP(S) (GEOL 1415A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 29-30/  
 \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-86

41-159

HY-TOWER MINE (LITTLE WHITE RIVER)  
 CU(6)

41/J/06 46 22 57 083 18 37 PARKINSON TP/ LOT 11 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009005) NMI NUMBER (041/J/06/CU/046)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QUARTZ VEINS WITH SULPHIDE CUT NIPPISING DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (110) DIP (90)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 49/WNP FIELD)  
 COMMENTS (6 PARALLEL VEINS/BEST CORE ASSAYS 3.36% CU/2FT/  
 MOST ASSAYS LESS THAN 1% CU)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-142/-200/-670  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 49

41-160

MARTIN  
 CU(5)

41/J/06 46 17 55 083 09 04 PATTON TP/ LOT 8 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008486) NMI NUMBER (041/J/06/CU/019)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT GABBRO)

REMARKS (3 VEINS/ MAIN VEIN TRACED 700 FT)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (275) DIP (77)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG)  
 COMMENTS (LENGTH 700 FT/BEST DDH ASSAYS/1.33% CU/3 FT &  
 2.39% CU/4.6 FT/OTHERS BELOW 1% CU)

MAP(S) (GEOL 2012 ODM/GEOL 1415A GSC)

ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
 NO 17/ PG 59/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 51-52/  
 \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-60

41-162

PLUMP LAKE  
 CU(6)

41/J/06 46 18 55 083 03 15 SCARFE TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008489) NMI NUMBER (041/J/06/CU/016)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN SHEAR ZONE IN BRUCE CONGLOMERATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (BRUCE FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (90)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 63)  
 COMMENTS (CORE SAMPLES RANGED FROM TRACE TO 0.14% CU OVER  
 WIDTHS OF 2-3 FT)

MAP(S) (GEOL 2028 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1964  
 GEOLOGY OF SCARFE MACKENZIE COBDEN AND STRIKER  
 TOWNSHIPS/ ODM GEOL REPORT NO 20/ PG 74-77/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 63/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-597/-767

41-163

PRINCIPLE STRATEGIC MINERALS  
 CU(2)

41/J/06 46 17 40 083 12 46 GLADSTONE TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
 CANMINDEX NUMBER (008490) NMI NUMBER (041/J/06/CU/048)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT GABBRO)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (90)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)

SOURCE (ODM MRC 12/PG 26)  
COMMENTS (MAIN VEIN 940FT LONG/DDH CORE/0.02 TO 4.76% CU/  
WIDTHS RANGE FROM 1.0-7.9FT)

RESERVE: 1957 78,368 TONNES 2.260% CU  
COMMENTS (INDICATED BY DRILLING)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 50-51/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 26/ \*CG\*

---- 1966  
/ NORTHERN MINER/ OCT 13 1966

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-60

41-164

SOWERBY  
CU(6) CO(6) U(6) NI(7)

41/J/06 46 18 21 083 23 10 DAY TP/ LOT 7 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANINDEX NUMBER (008495) NMI NUMBER (041/J/06/CU/041)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (BRECCIATED ZONE IN NIPISSING DIABASE)

REMARKS (BEST ASSAYS OVER 5 FT/ CU-0.53%/ U308-0.074%/  
CO-0.008%/ NI-TRACE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE/GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SMALTITE/PITCHBLLENDE/URANOPHANE)  
GANGUE (CARBONATE)  
VEIN TYPE (VEIN BRECCIAS)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 20)  
COMMENTS (BEST U/O.074 U308/5FT/BEST CU/O.53% CU/5FT/BEST  
CO/O.008% CO/5FT(CORE SAMPLES))

MAP(S) (GEOLOGICAL 1415A GSC/GEOL 2419 OGS)

ROBERTSON, J.A. 1968  
URANIUM AND THORIUM DEPOSITS IN NORTHERN ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 9/ PG 4-5

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 20/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-53/-724

41-165

TWO LAKE MINE  
CU(7)

41/J/06 46 19 20 083 24 10 DAY TP/ LOT 8 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008496) NMI NUMBER (041/J/06/CU/027)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ-CARBONATE VEINS CUTTING SED ROCKS)

REMARKS (25 TONS STOCKPILED BEFORE 1915)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/SIDERITE/CALCITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 20-21)  
COMMENTS (PRE-1915 APPROX 25 TONS VEIN MATERIAL EXCAVATED  
AND STOCKPILED AT SITE)

MAP(S) (GEOLOGICAL 2419 OGS/GEOL 1415A GSC)

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPORT/  
VOL 24 PT 1 1915/ PG 237

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 20-21/  
\*C\*

41-166

WHARNCLIFFE  
CU(5)

41/J/06 46 24 49 083 27 18 WELLS TP/ LOT 12 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008497) NMI NUMBER (041/J/06/CU/024)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

REMARKS (MOST ASSAY RESULTS < 1% CU)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 70)  
COMMENTS (DDH OVER 1050 FT LENGTH/ASSAYS FROM 0.06% CU TO  
1.4% CU OVER WIDTHS OF 1.5-3 FT)

MAP(S) (GEOLOGICAL 2419 OGS/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 70/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-198

41-167

ACCRA  
CU(7)

41/J/07 46 17 28 082 52 18 MACK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (008514) NMI NUMBER (041/J/07/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT MISSISSAGI FM)

REMARKS (TWO VEIN SYSTEMS 500 FT APART)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SETS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (NORTH SHOWING/150LB SAMPLE-0.4% CU/SOUTH/150LB  
SAMPLE-0.1% CU)

MAP(S) (GEOLOGICAL 2028 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 41/ \*CG\*

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-88/-1031

41-168

EMERALD LAKE  
CU(5) AG(5) NI(5)

41/J/07 46 17 48 082 51 00 MACK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANINDEX NUMBER (008722) NMI NUMBER (041/J/07/CU/003)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS IN CHLORITE RICH ZONE ALONG DIABASE DYKE EDGE)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE/MISSISSAGI FORMATION)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
ALTERATION (CHLORITIC)  
STRIKE (110)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 41)

COMMENTS (ZONE 25FT LONG/15FT WIDE/3 GRAB SAMPLES AVG 0.72  
OZ/TON AG/1.25% CU)

MAP(S) (GEOLOGICAL 2028 ODM/GEOLOGICAL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 41/ \*CG\*

-----  
/ ODM RESIDENT GEOLOGIST FILE/ SSM-741  
ROBERTSON, J.A. 1964  
GEOLOGY OF SCARPE MACK COBBDEN AND STRICKER  
TOWNSHIPS/ ODM GEOL REPT 20

41-169

TWIN LAKES  
CU(2)

41/J/07 46 17 49 082 37 18 ESTEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008515) NMI NUMBER (041/J/07/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONES CUT GRANITIC ROCKS W MAFIC INCLUSIONS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (105)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 23)  
COMMENTS (DDH VALUES RANGED FROM 1.78% CU/18.9FT TO 0.84%  
CU/50FT)

RESERVE: 1956 69,762 TONNES 1.730% CU  
COMMENTS (WIDTH/ 8.04 FT)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL P304 ODM/GEOLOGICAL 2185 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 23/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1292/-1298  
ROBERTSON, J.A. 1970  
GEOLOGY OF THE SPRAGGE AREA/ ODM GEOL REPT 76/ PG  
87

41-170

BATTY LAKE  
CU(S)

41/J/08 46 26 28 082 21 57 GAIASHK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2003)  
CANMINDEX NUMBER (008520) NMI NUMBER (041/J/08/CU/014)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (REPLACING CHERTY SEDS ALONG DIABASE SILL FOOTWALL)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION/NIPPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (ALBITIZATION/SERICITIC)  
STRIKE (170)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 87)  
COMMENTS (ZONE 300FT LONG/12FT WIDE/DDH SAMPLES ASSAYED  
1.70% CU/12FT)

MAP(S) (GEOLOGICAL 2003 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 87/ \*CG\*

ROBERTSON, J.A. 1962  
GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
NO 10/ PG 87  
-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-476/ -478

41-171

EAST BULL LAKE NO 2  
CU(7) NI(7)

41/J/08 46 25 05 082 10 10 BOON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NMI)  
CANMINDEX NUMBER (008521) NMI NUMBER (041/J/08/CU/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SMALL BODIES DISSEM & MASSIVE SLFDS IN GABBRO)

REMARKS (NUMEROUS SMALL BODIES)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUBBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN GABBRO-ANORTHOSITE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 86)  
COMMENTS (MOST DDH ASSAYS RANGE FROM 0.1-1.60% CU AND  
0.10-1.50% NI)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 52D ODM)

MOORE, E.S. 1945  
GEOLOGY OF THE EAST BULL LAKE AREA/ ODM ANN  
REPORT/ VDL 52 PT 6 1943/ PG 14-16

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 100/ \*CG\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 86/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-357/ -503/  
-355

BORN, P. 1978  
GEOLOGY OF THE EAST BULL LAKE LAYERED  
GABBRO-ANORTHOSITE INTRUSION/ GSC PAPER 78-1A/ PG  
91-95

41-172

EAST PECORS  
CU(7) ZN(7) NI(7)

41/J/08 46 22 04 082 25 39 GAIASHK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008522) NMI NUMBER (041/J/08/CU/012)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (LEAN SLFD FACIES FE FM IN METAVOLC-METASED ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
STRIKE (315) DIP (70)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 87)  
COMMENTS (ZONES UP TO 100FT WIDE/GRABS ASSAYED LESS THAN 1%  
CU/1% NI & UP TO 4.5% ZN)

MAP(S) (GEOLOGICAL 2003 ODM/GEOLOGICAL 2419 OGS)

ROBERTSON, J.A. 1962  
GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPT  
10/ PG 83-84

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 87-88/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-362  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 299/ \*AC\*

41-173

EL PEN-REY  
CU(6) NI(6)

41/J/08 46 25 30 082 11 35 GEROW TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008523) NMI NUMBER (041/J/08/CU/013)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)

GEOLOGY (DISSEM SLFDS IN EAST BULL LAKE GABBRO)

REMARKS (SLFDS ASSOC WITH ALTERATION ZONES IN GABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (HURONIAN GABBRO-ANORTHOSITE)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
 REL TO NIP/DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 86-87)  
 COMMENTS (BEST DDH ASSAY/O.49% CU & 3.93% NI/5FT)

MAP(S) (GEOLOGICAL P304 ODM/GEOL 2419 OGS)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 88/ \*CG\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 86-87/  
 \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-359/ -526/  
 -358

BORN, P. 1978  
 GEOLOGY OF THE EAST BULL LAKE LAYERED  
 GABBRO-ANORTHOSITE INTRUSION/ GSC PAPER 78-1A/ PG  
 91-95

41-174

MCCOOL LAKE  
 CU(6) AU(6) AG(7)

41/J/08 46 26 38 082 25 45 GAIASHK TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2003)  
 CANMINDEX NUMBER (008525) NMI NUMBER (041/J/08/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FRACTURE VEIN ALONG MARGIN OF DIABASE IN SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SERPENT FORMATION/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (075)  
 REL TO NIP/DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM MRC 12/PG 88/ODM MAP 2003)  
 COMMENTS (WEIGHTED AVG DDH/TECK)/O.66% CU/9FT)

MAP(S) (GEOLOGICAL 2003 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
 NO 10/ PG 85-86

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 88/ \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-362C/ -364/  
 -544

COLLINS, W.H. 1918  
 NORTH SHORE OF LAKE HURON/ GSC SUMMARY REPORT  
 1917 PART E/ PG 10

CARTER, W.E. 1905  
 MINES OF WESTERN ONTARIO/ ODM ANN REPORT/ VOL 14  
 1905/ PG 67

41-175

PECORS LAKE  
 CU(7) NI(7) PB(7) ZN(7)

41/J/08 46 22 35 082 27 25 JOUBIN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008526) NMI NUMBER (041/J/08/CU/010)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS IN CARBONATIZED METASED ROCKS)

REMARKS (ORIGINALLY PROBABLY FE FM/ NOW DEFORMED & IN VEIN  
 FORM (WNP))

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (SULPH FE FORMATION)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METASEDIMENTARY ROCKS)  
 ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE/SPHALERITE/GALENA)  
 GANGUE (QUARTZ)  
 ALTERATION (CARBONATIZATION)  
 REL TO NIP/DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 90)

COMMENTS (WEIGHTED AVG CORE SAMPLES/O.54% NI/O.15% CU)

MAP(S) (GEOLOGICAL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 90/ \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-372/-590/-591/  
 -544

41-176

PEYTON (WILSONS MINE)  
 CU(7) AU(7) AS(7)

41/J/08 46 25 32 082 20 57 GAIASHK TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2003)  
 CANMINDEX NUMBER (008527) NMI NUMBER (041/J/08/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFD AND NATIVE AU IN QTZ VEINS IN ARGILLITE)

REMARKS (GOLD ASSAYS LOW &amp; ERRATIC)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MISSISSAGI FORMATION)  
 ORE MNRLS (PYRITE/ARSENOPYRITE/CHALCOPYRITE/N. GOLD)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (120) DIP (90)  
 REL TO NIP/DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (ODM GR 10/PG 76-77)  
 COMMENTS (VEINS LOCATED IN HINGE REGION OF ANTICLINE/AU  
 ASSAYS ERRATIC & IN GENERAL LOW)

MAP(S) (GEOLOGICAL 2003 ODM/GEOL 2419 OGS)

COLLINS, W.H. 1918  
 NORTH SHORE REGION OF LAKE HURON/ GSC SUMMARY  
 REPORT 1917 PART E/ PG 10

COLEMAN, A.P. 1913  
 THE WHISKEY LAKE AREA/ ODM ANN REPORT/ VOL 22 PT  
 1 1913/ PG 153-154

CARTER, W.E. 1905  
 MINES OF WESTERN ONTARIO/ ODM ANN REPORT/ VOL 14  
 PT 1 1905/ PG 65-66

DDUGLAS, G.V. 1926  
 THE WHISKEY LAKE AREA/ ODM ANN REPORT/ VOL 34 PT  
 4 1925/ PG 43-46

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
 NO 10/ PG 76-77

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 88-89/  
 \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-362C/-364/  
 -544

41-177

REYNOLDS LOCATION WR 92  
 CU(7)

41/J/08 46 27 56 082 23 15 LEHMAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2004)  
 CANMINDEX NUMBER (008528) NMI NUMBER (041/J/08/CU/006)

CU DEPOSIT TYPE (SKARN)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (VEINLETS IN CONTACT ZONE BETWEEN DIABASE & SEDS)

TYPE (SKARN)  
 SUBTYPE (NON-SKARN)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (BRUCE FORMATION/ESPANOLA FORMATION)  
 ORE MNRLS (PYRITE/CHALCOPYRITE/GALENA)  
 GANGUE (QUARTZ)  
 ALTERATION (SILICIFICATION)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (150)  
 REL TO NIP/DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM GR 10/PG 78-80)  
 COMMENTS (BEST ZONE 80FT WIDE/200-300FT LONG)

MAP(S) (GEOLOGICAL 2004 ODM/GEOL 2419 OGS)

COLLINS, W.H. 1918  
 NORTH SHORE REGION OF LAKE HURON/ GSC SUMMARY  
 REPORT 1917 PART E/ PG 8-9

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
 NO 10/ PG 78-80

CARTER, W.E. 1905



MINES OF WESTERN ONTARIO/ OBM ANN REPORT/ VOL 14  
1905 PT 1/ PG 65  
COLEMAN, A.P. 1913  
THE WHISKEY LAKE AREA/ OBM ANN REPORT/ VOL 22 PT  
1 1913/ PG 154  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 89-90/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-364/-477

41-178

WHITEFISH LOCATION Y 352  
CU(6)

41/J/08 46 25 55 082 21 49 GAIASHK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2003)  
CANMINDEX NUMBER (008529) NMI NUMBER (041/J/08/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD FRACTURE VEINS CUT DIABASE)

REMARKS (3 ZONES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/ANKERITE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (100) DIP (50)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 89)  
COMMENTS (3 ZONES/LARGEST 25FT LONG/8FT WIDE/DDH-1.01% CU/  
70FT/0.3% CU/190FT/0.6% CU/85FT)

MAP(S) (GEOL 2003 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 89/ \*CG\*  
ROBERTSON, J.A. 1962  
GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
NO 10/ PG 87-89

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-364/-478

COLLINS, W.H. 1918  
NORTH SHORE OF LAKE HURON/ GSC SUMMARY REPORT  
1917 PART E/ PG 9-10  
CARTER, W.E. 1905  
MINES OF WESTERN ONTARIO/ OBM ANN REPORT/ VOL 14  
1905 PT 1/ PG 62-67  
ROBERTSON, J.A. 1960  
THE GENERAL GEOLOGY OF PART OF THE BLIND RIVER  
AREA/ UNPUBLISHED MSC THESIS VOL 1 QUEENS  
UNIVERSITY 1960/ PG 233-234

41-179

BI-ORE MINE (COBRE LAKE)  
CU(3)

41/J/10 46 37 52 082 48 00 SAGARD TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009021) NMI NUMBER (041/J/10/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE VEINS IN FISSURE CUTTING SED ROCKS)

REMARKS (2 MAIN VEINS-EAST &amp; WEST)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (GORDON LAKE FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/BORNITE/CHALCOCITE/  
SPECULARITE)  
GANGUE (QUARTZ/CALCITE)  
ALTERATION (SUPERGENE COPPER ENRICHMENT/SILICIFICATION/  
HEMATIZATION)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (090) DIP (90)  
REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM VOL 38/PT 7/PG 19-21)  
COMMENTS (EAST VEIN 850FT LONG/2.5-5FT WIDE/WEST VEIN)

PRODUCTION: 1947 TO 1949 2,472 TONNES CONCENTRATE  
30.200% CU  
REFERENCE (NMI/ 1957 ODM MRC 2/ PG 74)

RESERVE: 1973 13,607 TONNES 6.000% CU  
COMMENTS (KNOWN ORE/ AVERAGE GRADE)  
REFERENCE (1973 GLOBE & MAIL/JULY 25/P 38)

MAP(S) (GEOL 2419 OGS/GEOL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 70/ \*I\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 74/ \*GI\*

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-204

41-180

BRUCE-PRESTO  
CU(5) CO(7) AS(7)

41/J/10 46 34 15 082 56 50 NICHOLAS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008533) NMI NUMBER (041/J/10/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS&ARSENIDES IN SILICIFIED SHEAR ZONE IN GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/COBALTITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (45)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 91)  
COMMENTS (DDH ASSAYS/0.70% CU/12.3FT & 1.96% CU/11.5FT)

MAP(S) (GEOL P560 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 91/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-620  
----  
1964  
/ NORTHERN MINER/ FEB 20 MARCH 5 1964

41-181

CANAMISKA  
CU(5)

41/J/11 46 33 00 083 01 00 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008723) NMI NUMBER (041/J/11/CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN FAULT ZONE CUTTING QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (090) DIP (90)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 95-96)  
COMMENTS (ZONE 2000FT LONG/DDH BEST ASSAYS 2.51% CU/10FT/2%  
CU/5FT/1.4% CU/20FT)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 95-96/  
\*CG\*

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-634

41-182

COPPER GULCH (STANFORD)  
CU(7) AG(7) ZN(7)

41/J/10 46 35 49 082 57 14 NICHOLAS & ALBANEL TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (008534) NMI NUMBER (041/J/10/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN SHEARED&BRECCIATED ZONE IN METASED ROCKS)

## REMARKS (SEVERAL SHOWINGS ON PROPERTY)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MISSISSAGI FORMATION)  
 ORE MNRLS (CHALCOCITE/CHALCOPYRITE/MAGNETITE/SPECULARITE)  
 GANGUE (QUARTZ)  
 ALTERATION (SILICIFICATION)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (150) DIP (85)  
 REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (ODM MRC 12/PG 91-92)  
 COMMENTS (SOUTH ZONE 40FT WIDE/ASSAYS 0.46% CU/3FT/0.08% CU/  
 1FT)

MAP(S) (GEOL P560 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 91-92/  
 \*CG\*  
 SIEMIATKOWSKA, K.M. 1978  
 GEOLOGY OF THE ENDIKAI LAKE AREA/ OGS REPT 178/  
 PG 69  
 ---- / 1972  
 ---- / THE NORTHERN MINER/ FEB 24 1972/ PG 12  
 ---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-438/ -446/  
 -737

41-183

EZMA LAKE (DDYON)  
 CU(5)

41/J/10 46 32 26 082 50 08 NICHOLAS TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008535) NMI NUMBER (041/J/10/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (STRINGER & DISS SLFD IN FRACTURE ZONE IN SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ESPANOLA FORMATION/BRUCE FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (110)  
 REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/ PG 92)  
 COMMENTS (BEST DDH ASSAY 1.14% CU/8FT/REST LESS THAN 0.60%  
 CU/WIDTHS FROM 1-10FT)

MAP(S) (GEOL P560 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 92/ \*CG\*  
 ---- / THE NORTHERN MINER/ NOV 17 1966/ JAN 12 & MAR  
 23 & AUG 3 1967  
 ---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-440/ -1137

41-184

HARVARD  
 CU(5) U(7)

41/J/10 46 37 55 082 45 35 SAGARD TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008536) NMI NUMBER (041/J/10/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS IN ALTERED DIABASE SILL)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/PITCHBLENDE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090) DIP (90)  
 REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 71)  
 COMMENTS (ASSAYS GENERALLY LESS THAN 0.5% CU/BEST DDH 2.21%  
 CU/2.5FT)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 71/ \*CG\*  
 ---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-206

41-185

NORTH SUMMIT  
 CU(6)

41/J/11 46 31 01 083 01 49 KAMICHISITIT TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2399)  
 CANINDEX NUMBER (008546) NMI NUMBER (041/J/11/CU/003)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
 GEOLOGY (SLFDS IN CONGLOMERATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
 REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 94-95)  
 COMMENTS (DDH ASSAYS RANGE FROM 0.07% CU/6FT TO 2.4% CU/2FT)

MAP(S) (GEOL P304 ODM/GEOL 2399 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 94-95/  
 \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-747  
 ---- 1968

---- / THE NORTHERN MINER/ MAR 7 1968  
 SIEMIATKOWSKA, K.M. 1977  
 GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
 REPT 151/ PG 69-70

41-186

STAG LAKE  
 CU(6)

41/J/10 46 35 10 082 36 15 HEMBRUFF TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008537) NMI NUMBER (041/J/10/CU/007)

CU DEPOSIT TYPE (SEDIMENTARY)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
 GEOLOGY (DISS SLFD IN QUARTZITE AND ARGILLITE)

TYPE (SEDIMENTARY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (LORRAIN FORMATION/GORDON LAKE FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 90-91/WNP FIELD)  
 COMMENTS (MINERALIZATION OVER APPROX 2 MI/BEST INTERSECTION/  
 0.34% CU/9.1FT)

MAP(S) (GEOL 2306 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 90-91/  
 \*CG\*

---- / 1967  
 ---- / NORTHERN MINER/ JAN 12 1967

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-708  
 WOOD, J. 1975  
 GEOLOGY OF THE RAWHIDE LAKE AREA/ ODM GEOSCIENCE  
 REPT 129/ PG 59  
 PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 297-298/ \*AC\*

41-187

WHITE RIVER LEAD  
 CU(5) PB(5) AG(5)

41/J/10 46 33 50 082 59 19 ALBANEL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1978)  
 CANINDEX NUMBER (008727) NMI NUMBER (041/J/10/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS IN DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/GALENA/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM VOL 38/PT 7/PG 15-19)  
 COMMENTS (VEIN IS HIGHLY IRREGULAR/TRACED FOR 500 FT LENGTH/  
 3-6FT WIDE)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 96-97/  
 \*CG\*

MOORE, E.S. 1930  
 ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
 ODM ANN REPT 1929/ VOL 38 PT 7/ PG 15-19

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 83/ \*CG\*

SIEMIATKOWSKA, K.M. 1978  
 GEOLOGY OF THE ENDIKAI LAKE AREA/ OGS REPT 178/  
 PG 70-71

41-188

MILGATE (ABBICAN)  
 CU(2)

41/J/06 46 28 50 083 09 08 NOUVEL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008487) NMI NUMBER (041/J/06/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUT HURONIAN SED ROCKS)

REMARKS (2 MAIN VEINS EXPOSED IN 3 SECTIONS-A & B & C  
 ZONES/RESERVES FOR "A")

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
 REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (ODM MRC 12/PG 97)  
 COMMENTS (3 ZONES/'A' 1200FT LONG/'B' 800FT LONG/'C' 300FT  
 LONG/'A' RESERVE BLOCK 600X10X35FT)

RESERVE: 1957 95,934 TONNES 1.080% CU  
 COMMENTS (L-600FT/W-10FT/D-235FT/A ZONE)  
 REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 71/ \*CG\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 97/ \*CG\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-458/-459/-462/  
 -819

41-189

BOWLES  
 CU(7)

41/J/11 46 32 28 083 25 39 CASSON TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P304)  
 CANMINDEX NUMBER (008540) NMI NUMBER (041/J/11/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 98-99)  
 COMMENTS (CU CONTENT OF VEINS LESS THAN 1% CU)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 96-97/  
 \*CG\*

ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 96-97/  
 \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1185

41-190

CANNON  
 CU(5)

41/J/06 46 29 08 083 02 22 TOWNSHIP 168  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
 CANMINDEX NUMBER (008728) NMI NUMBER (041/J/06/053)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS IN FAULT ZONE CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (090)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 53)  
 COMMENTS (BEST DDH ASSAY 2% CU/5FT/ALL OTHERS LESS THAN  
 0.6% CU OVER WIDTHS 4.5-7.5FT)

MAP(S) (GEOL P304 ODM/GEOL 1415A GSC)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43/ \*CG\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1223

41-191

CHENEY MINE  
 CU(3) BA(7)

41/J/11 46 30 14 083 23 58 GOULD TP/ LOT 7 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
 CANMINDEX NUMBER (009031) NMI NUMBER (041/J/11/014)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFD CUT SED ROCKS AND DIABASE)

REMARKS (MAP REF 2 IS AN UNNUMBERED MAP INSERT OPPOSITE  
 PAGE 14)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
 GANGUE (CALCITE/SIDERITE/ANKERITE/BARITE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090) DIP (50)  
 REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
 -- CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 26-27)  
 COMMENTS (ZONE 4000FT LONG/DRILLED TO DEPTH OF 460FT/AVG  
 WIDTH 5FT)

PRODUCTION: 1916 TO 1916 15 TONNES REFINED METAL  
 99.000% CU  
 COMMENTS (3500 TONS ALSO MINED 1966-67)  
 REFERENCE (NMI)

RESERVE: 1960 27,732 TONNES 3.900% CU  
 COMMENTS (MAIN SHOOT)  
 REFERENCE (NMI)

RESERVE: 1960 3,479 TONNES 4.200% CU  
 COMMENTS (LENS WEST OF MAIN SHOOT)  
 REFERENCE (NMI)

RESERVE: 1960 8,014 TONNES 4.200% CU  
 COMMENTS (LENS WEST OF MAIN SHOOT)  
 REFERENCE (1969 ODM MRC 12/ PG 26-27)

MAP(S) (GEOL P737 ODM/GEOL PG 14 BIBL2)

SUTHERLAND, T.F. 1929  
 MINES OF ONTARIO IN 1927/ ODM ANNUAL REPORT VOL  
 37 PART 1 1928/ PG 157-158/ \*1\*

MOORE, E.S. 1930  
 ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
 ODM ANNUAL REPORT/ VOL 38 PART 7 1929/ PG 10-15

SINCLAIR, D.G. 1931  
 MINES OF ONTARIO IN 1929/ ODM ANNUAL REPORT/ VOL  
 39 PART 1 1930/ PG 79

CHANDLER, F.W. 1976  
 GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
 REPT 155/ PG 36-37

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 26-27

-----  
/ CANADIAN MINES HANDBOOK/ 1943(PG 252)/1960(PG  
256)/1967-68(PG 291)/1968-69(PG 289 & 296)/  
1970-71(PG 305)

-----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-62/-504

41-192

COPPER PRINCE MINE  
CU(3) AU(6)

41/J/11 46 30 38 083 02 17 KAMICHISITIT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ADIT/ OGS MAP 2399)  
CANINDEX NUMBER (008541) NMI NUMBER (041/J/11/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA ARKOSE)

REMARKS (FOUR ORE SHOOTS ON SURFACE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (075)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS GR 178/ PG 66-67)  
COMMENTS (MAIN VEIN 1000FT LONG/8-20FT WIDE/FOUR MAJOR  
SHDOTS ON SURFACE)

PRODUCTION: 1972 TO DEC/1972 987 TONNES  
2.07% CU  
COMMENTS (60 TONS CONC/23.55% CU)  
REFERENCE (NMI)

RESERVE: 1972 45,359 TONNES 3.000% CU  
COMMENTS (NEAR SURFACE)  
REFERENCE (NMI)

MAP(S) (GEOL 2419 OGS/GEOL 2399 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 93/ \*CG\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 75/ \*CG\*  
SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF THE ENDIKAI LAKE AREA/ OGS REPT 178/  
PG 66-67

41-193

COPPER RANGE (ROTHSAY MINES)  
CU(7)

41/J/11 46 30 05 083 22 30 GOULD TP/ LOT 4 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008542) NMI NUMBER (041/J/11/CU/013)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEIN CUTS GOWGANDA ARGILLITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (135) DIP (50)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 49)  
COMMENTS (LENGTH 140FT/4FT THICK)

MAP(S) (GEOL P304 ODM/GEOL 2350 ODM)

KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ OBM ANN REPORT/  
VOL 24 PT 1 1915/ PG 235  
-----  
1930  
/ ODM ANNUAL REPORT/ VOL 28 PT 7 1929/ PG 14  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 27/ \*C\*  
-----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-63

41-194

CROWNBRIDGE (IRON BRIDGE/ CANNON)  
CU(2)

41/J/06 46 29 34 083 02 28 KAMICHISITIT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANINDEX NUMBER (009004) NMI NUMBER (041/J/06/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS IN FAULT ZONE CUTTING GOWGANDA FM)

REMARKS (SEVERAL ZONES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (HEMATIZATION/SILICIFICATION)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (285) DIP (70)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 94/WNP FIELD)  
COMMENTS (ZONE 4200 FT LONG/WIDTH 1-30 FT WITH AVG6.5 FT/  
EXPLORED TO DEPTH OF 1000 FT)

RESERVE: 1964 435,448 TONNES 2.050% CU  
COMMENTS (MAIN ZONE)  
REFERENCE (NMI/ 1964 NM OCT 29)

RESERVE: 1960 172,365 TONNES 2.030% CU  
COMMENTS (DEPTH 500 FT)  
REFERENCE (NMI)

RESERVE: 1964 122,469 TONNES 2.000% CU  
COMMENTS (J ZONE)  
REFERENCE (NMI)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

----- 1968  
CROWNBRIDGE COPPER MINES LTD/ CANADIAN MINES  
HANDBOOK 1968-69/ PG 108/ \*I\*  
-----  
/ NORTHERN MINER/ MAY 27 1965/ MARCH 10 & JULY 28  
1966/ NOVEMBER 16 & DECEMBER 28 1967

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-450/-452/-518  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 94  
THOMSON, J.E. 1952  
PRELIMINARY REPORT ON COPPER NICKEL LEAD AND ZINC  
DEPOSITS IN ONTARIO/ ODM PRELIMINARY REPORT  
1952-4/ PG 8  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-195

ENDIKAI LAKE  
CU(7) AG(7)

41/J/11 46 36 10 083 02 05 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2399)  
CANINDEX NUMBER (008543) NMI NUMBER (041/J/11/CU/012)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (QTZ VEIN STOCKWORK ALONG DIABASE-QTZITE CONTACT)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOCITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL TO NIP.DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (NMI)  
COMMENTS (TRACED OVER AREA APPROX 100FT BY 300FT DDH  
ASSAYS LESS THAN 0.82% CU)

MAP(S) (GEOL P304 ODM/GEOL 2399 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 96/ \*CG\*  
-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-454/-457/  
-1545 A

41-196

FROBEL LAKE  
CU(6) AG(6) BA(6) ASB(7) CO(7)

41/J/11 46 36 37 083 21 51 CASSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2350)  
CANMINDEX NUMBER (008544) NMI NUMBER (041/J/11/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARBONATE-SLFD VEINS IN FAULT ZONE CUTTING DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE/BARITE)  
ALTERATION (CHLORITIC)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (120) DIP (85)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 151/PG 46-48)  
COMMENTS (BEST DDH/0.30% CU/0.13 OZ/TON AG& 3.91% BA/7FT/  
ALSO WIDELY DISSEM CP IN DIORITE)

MAP(S) (GEOLOG P304 ODM/GEOLOG 2350 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 99/ \*C\*  
SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 46-48

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-1359

41-197

GOULD COPPER MINE (HUSTON LAKE)  
CU(3)

41/J/11 46 31 04 083 26 16 GOULD TP/ LOT 10-11 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009013) NMI NUMBER (041/J/11/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-HEMATITE-SLFD VEIN CUTTING SEDIMENTS)

REMARKS (SUPERGENE COPPER ZONE IS PRESENT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCITE/BORNITE/  
SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (SUPERGENE COPPER ENRICHMENT)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (090) DIP (80)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 28/WNP FIELD)  
COMMENTS (LIMITED PRODUCTION 1976)

MAP(S) (GEOLOG P737 ODM/GEOLOG P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 28  
---- / ODM RESIDENT GEOLOGIST FILES/ SSM-971/-934/-1329

THOMSON  
/ ODMNA ASSESSMENT WORK LIBRARY/ TORONTO/ DIAMOND  
DRILL LOG RECORD/ GOULD NO 10  
CHANDLER, F.W. 1976  
GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
REPT 155/ PG 34-35  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-198

LORD  
CU(7)

41/J/11 46 31 44 083 26 09 GOULD TP/ LOT 10 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ROAD CUT/W PEARSON VERIFIED-77)  
CANMINDEX NUMBER (009011) NMI NUMBER (041/J/11/CU/015)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-HEMATITE VEINS IN FAULT ZONE CUTTING SEDIMENTS)

REMARKS (LOW GRADE MINERALIZATION#)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOCITE/CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SETS) STRIKE (135) DIP (60)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 28-29)  
COMMENTS (ZONE 400FT LONG)

MAP(S) (GEOLOG P737 ODM/GEOLOG P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103  
---- / ODM RESIDENT GEOLOGIST FILES/ SSM-1099-1149

41-199

PATHFINDER  
CU(5) AU(5)

41/J/11 46 30 13 083 03 56 KAMICHISITIT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (009014) NMI NUMBER (041/J/06/CU/051)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SULPHIDE VEIN CUTS GOWGANDA FM)

REMARKS (VEIN TRACED FOR 1000 FEET ALONG STRIKE# MAXIMUM  
WIDTH IS 27 FEET#)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 95)  
COMMENTS (VEIN 1000FT LONG/MAX 27FT WIDE/BEST CHIP 4.13% CU/  
0.01 OZ/TON AU/3FT/DDH LOW)

MAP(S) (GEOLOG P304 ODM/GEOLOG 2419 DGS)

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-673  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 95

41-200

RIDGEFIELD  
CU(6) AU(6)

41/J/06 46 28 24 083 10 02 NOUVEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008491) NMI NUMBER (041/J/06/CU/054)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S))  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 97-98)  
COMMENTS (DDH ASSAYS/1.02% CU/0.8FT/2.03% CU/1.0FT/0.05%  
CU&0.02 OZ/TON AU OVER 2.0FT)

MAP(S) (GEOLOG 2419 DGS/GEOLOG 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 97-98/  
\*CG\*

---- / ODM RESIDENT GEOLOGIST FILES/ SSM-463

41-201

ROCKWIN  
CU(7)

41/J/06 46 28 32 083 22 40 GOULD TP/ LOT 5 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008493) NMI NUMBER (041/J/06/CU/015)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 29)

MAP(S) (GEOL 2419 OGS/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 29/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-64

41-202

SHEBA  
CU(2)

41/J/06 46 29 07 083 06 27 NOUVEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008494) NMI NUMBER (041/J/06/CU/017)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

REMARKS (VEIN TRACED 1000 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 98)  
COMMENTS (ZONE TRACED FOR 100 FT/WEIGHTED AVG DDH/0.59% CU/  
3 FT WIDTH)

MAP(S) (GEOL 2419 OGS/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 98

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-460/-464

41-203

SNOWSHOE CREEK  
CU(6)

41/J/11 46 32 55 083 24 34 CASSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008548) NMI NUMBER (041/J/11/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN FAULT ZONE IN ARGILLITE)

REMARKS (LOCATION APPROXIMATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (125) DIP (90)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 99)  
COMMENTS (1 DDH SAMPLE ASSAYED 2.02% CU/NIL AU/NIL AG/9FT)

MAP(S) (GEOL P737 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 99/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-466/ -820  
CHANDLER, F.W. 1976  
GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
REPT 155/ PG 36

41-204

WINSTON  
CU(7)

41/J/11 46 38 52 083 12 03 SAYER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANINDEX NUMBER (008549) NMI NUMBER (041/J/11/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 72)  
COMMENTS (VEIN 600FT LONG/WIDTH NOT DEFINED/LOW GRADE  
MINERALIZATION)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 72/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-773

41-205

AUSTIN  
CU(5)

41/J/12 46 35 20 083 58 30 KEHOE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008550) NMI NUMBER (041/J/12/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUTTING GOWGANDA ARGILLITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/BORNITE)  
GANGUE (QUARTZ/CARBONATE)  
ALTERATION (CHLORITIC)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (060) DIP (29)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 25)  
COMMENTS (VEIN TRACED FOR 1200FT/TRENCH ASSAYS RANGE FROM  
0.05% CU/7FT TO 2.5% CU/10FT)

MAP(S) (GEOL 1413A GSC/GEOL 2419 OGS)

HAY, R.E. 1963  
THE GEOLOGY OF THE SAULT STE MARIE MAP-AREA/  
UNPUBLISHED PHD THESIS/ MCGILL UNIVERSITY 1963/  
PG 307-308  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 79/ \*C\*  
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1890  
/ MINERAL RESOURCES OF ONTARIO/ ROYAL COMMISSION  
REPORT/ PG 91-92  
COLEMAN, A.P. 1899  
COPPER REGIONS OF THE UPPER LAKES/ ODM ANN REPORT/  
VOL 8 PT 2 1899/ PG 124

41-206

COPPER QUEEN  
CU(7)

41/J/12 46 35 06 083 38 05 MORIN TP/ LOT 3-6 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANINDEX NUMBER (008551) NMI NUMBER (041/J/12/CU/015)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT VEINS CUT CONGLOM & GRANITE ALONG DYKE BORDER)

## REMARKS (SPARSE SLFD)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION/ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SETS) STRIKE (090) DIP (90)  
 REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM MRC 12/PG 46)  
 COMMENTS (ZONE 2160FT LONG/MAIN VEIN 4-20FT WIDE/SPARSE SLFD)

MAP(S) (GEOL 2419 OGS/GEOL 1413A GSC)

CARTER, W.E. 1904  
 MINES OF WESTERN ONTARIO/ DBM ANN REPORT/ VOL 13  
 PT 1 1904/ PG 80-81

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 46/ \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-82

41-207

DOLAN  
 CU(7)

41/J/12 46 35 43 083 54 15 KEHOE TP/ SEC 25/36  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
 CANINDEX NUMBER (008552) NMI NUMBER (041/J/12/CU/014)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110)  
 REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 35-36)  
 COMMENTS (VEINS 300FT LONG/MAX CORE WIDTH 2FT/NO ASSAYS  
 REPORTED)

MAP(S) (GEOL 1413A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 35-36/  
 \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-118

41-208

FAND  
 CU(5)

41/J/12 46 33 06 083 34 17 OTTER TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
 CANINDEX NUMBER (008553) NMI NUMBER (041/J/12/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (VEINS IN GRANITE & DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 47)  
 COMMENTS (ZONE 2900FT LONG/2 BEST DDH ASSAYS/1.71% CU/2FT/  
 3.51% CU/5FT/OTHERS BELOW 0.4%CU)

MAP(S) (GEOL 1413A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 47/ \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-140

41-209

GIMBY  
 CU(7) CO(7)

41/J/12 46 32 02 083 58 49 KEHOE TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (008737) NMI NUMBER (041/J/12/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (CARBONATE-SLFD COBALT ARSENIDE VEINS IN GABBRO)

REMARKS (ALSO NMI 41/ J/ 12 CD/ 001)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (CU-CO (B1,U,N))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/COBALTITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 36/WNP FIELD)  
 COMMENTS (GRAB SAMPLES/3.14% CU/7.10% CO & TR AG/NIL CU/  
 2.26% CO & TR AG)

MAP(S) (GEOL P303 ODM/GEOL 1413A GSC)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 36/ \*C\*

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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-119/ -122  
 PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 297/ \*AC\*

41-210

PATTON LAKE EAST  
 CU(6)

41/J/12 46 32 09 083 45 21 MCMAHON TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/GSC MAP 1413A)  
 CANINDEX NUMBER (009008) NMI NUMBER (041/J/12/CU/013)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QUARTZ VEINS WITH SULPHIDES CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/TETRAHEDRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SETS) STRIKE (270) DIP (85)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (NMI)  
 COMMENTS (ZONE 150FT LONG/60FT HAS SFLDS/CHIP SAMPLE OF  
 BETTER PORTION/1.34% CU/8IN)

MAP(S) (GEOL 1413A GSC/GEOL P303 ODM)

COLLINS, W.H. 1925  
 THE NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143  
 (REPRINTED 1956)/ PG 128

CARTER, W.E. 1902  
 / DBM ANN REPT/ VOL 11/ PG 273-274

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 42

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-693

41-211

RANSON  
 CU(5) AG(5) AU(5)

41/J/12 46 40 40 083 57 05 CHESLEY TP/ LOT 11 CON 5  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (C) COMMENTS (ODM MAP 2108)  
 CANINDEX NUMBER (008554) NMI NUMBER (041/J/12/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SHEAR VEIN ALONG DIABASE-GRANITE CONTACT)

REMARKS (VEIN TRACED FOR 9000 FT/ WIDTH- 1-9 FT #3  
 SHOWINGS ON PROPERTY)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (ARCHEAN GRANITES/NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/GALENA)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (SIMPLE VEIN(S)/VEIN SWARM(S)) STRIKE (280) DIP (65)  
 REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM MRC 12/PG 18)  
 COMMENTS ("A" ZONE/500LB SAMPLE ACROSS 9FT/9.84% CU/O.085  
 OZ/TON AU/O.445 OZ/TON AG)

MAP(S) (GEOL 1413A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 18/ \*CG\*  
 THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 77/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-6

---- / ODM ANN REPORTS VOL 11 (1902) PG 273/ VOL 12  
 (1903) PG 101/ VOL 13 PT 1 (1904) PG 13

---- / CANADIAN MINES HANDBOOK/ 1943 PG 64/ 1944 PG 65/  
 1945 PG 93/ 1946 PG 283/ 1960 PG 102/ 1961 PG 212/  
 1970-71 PG 310

41-212

RISING SUN  
 CU(7)

41/J/12 46 33 00 083 40 20 MDRIN TP/ LOT 9 CON 2  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008555) NMI NUMBER (041/J/12/CU/016)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARB VEIN CUTS BRECCIATED DIABASE & GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN BRECCIAS)  
 REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM VOL 13/PT 1/PG 79-80)  
 COMMENTS (LOW GRADE MINERALIZATION)

MAP(S) (GEOL 1413A GSC/GEOL 2419 OGS)

CARTER, W.E. 1904  
 MINES OF WESTERN ONTARIO/ ODM ANN REPORT/ VOL 13  
 PT 1 1904/ PG 79-80

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 46/ \*CG\*

41-213

ROMAR  
 CU(7)

41/J/12 46 33 30 083 42 55 MCMAHON TP/ LOT 1 CON 3  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008556) NMI NUMBER (041/J/12/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (VEINS IN DIABASE WITHIN GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (060) DIP (90)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 42)  
 COMMENTS (ZONE 300FT LONG/DDH SAMPLES/NIL TO 0.18% CU/  
 WIDTHS 1-5FT)

MAP(S) (GEOL 1413A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 42/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-84

41-214

SABOURIN  
 PB(6) AG(6) ZN(7) CU(7)

41/J/12 46 33 26 083 52 25 CHESLEY ADDITIONAL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
 CANINDEX NUMBER (008738) NMI NUMBER (041/J/12/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN ALONG QTZITE/ ARGILLITE CONTACT)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (110)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 19)  
 COMMENTS (CHIP SAMPLES/2.24 OZ/TON AG/1.65% PB/22IN/1.46 OZ/  
 TON AG/O.72% PB/5FT)

MAP(S) (GEOL 1413A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 19/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-7

41-215

BUSSINEAU  
 ZN(6) PB(6) AG(6) CD(6) CU(7) BI(7) SN(7) AS(7)

41/J/13 46 50 00 083 38 00 JOLLINEAU TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANINDEX NUMBER (008739) NMI NUMBER (041/J/13/ZN/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS IN SHEARED DIABASE DYKE CUTTING GRANITE)

REMARKS (ERRATIC MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (GALENA/SPHALERITE/PYRITE/ARSENOPYRITE/  
 CHALCOPYRITE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (135) DIP (75)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 73)  
 COMMENTS (MINERALIZED ZONES SHORT DISCONTINUOUS & GENERALLY  
 LESS THAN 2FT IN WIDTH)

MAP(S) (GEOL 2419 OGS/GEOL P302 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 73/ \*CG\*  
 HURST, M.E. 1929  
 RANGER LAKE AND GARDEN RIVER AREA/ ODM ANN REPT  
 1928/ VOL 37 PT 3/ PG 62-65/ \*AC\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-219/-780/  
 -897/-1291

41-216

GOLF LAKE  
 CU(6) MO(6) ZN(6)

41/J/13 46 52 15 083 57 04 DAUMONT TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
 CANINDEX NUMBER (008740) NMI NUMBER (041/J/13/MO/001)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
 GEOLOGY (FRACTURES IN METASED ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE/MOLYBDENITE)  
 REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 74)  
 COMMENTS (ASSAYS 1.84% MOS2/2FT/1.06% CU/2.7FT/AND 1.09% ZN/  
 16FT)



MAP(S) (GEOL 2419 OGS/MIN POT P1513 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 74/ \*CG\*  
 ---- 1961  
 / NORTHERN MINER/ SEPT 21 & 28 1961  
 ---- 1962  
 / NORTHERN MINER/ MAR 8 & 15 1962  
 ----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-230/-34

41-217

VACHERESSE  
 ZN(7) CU(7) PB(7) AG(7)  
 41/J/13 46 50 30 083 57 30 DAUMONT TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
 CANMINDEX NUMBER (008741) NMI NUMBER (041/J/13/ZN/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARB VEINS CUTTING GRANITE & DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (310)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (NMI)  
 COMMENTS (ZONE 700FT LONG/15IN-7FT WIDE)

MAP(S) (GEOL 2419 OGS/GEOL P302 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 74-75/  
 \*CG\*

GLEDHILL, T.L. 1927  
 LEAD-ZINC ORE NEAR SEARCHMONT STATION/ ODM ANN  
 REPT 1926/ VOL 35 PT 2/ PG 51  
 HURST, M.E. 1929  
 CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
 ALGOMA/ ODM ANN REPT 1926/ VOL 37 PT 3/ PG 69-72  
 ----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-602

41-218

MCCLASKY NO 1  
 CU(7)

41/J/14 46 45 57 083 19 21 RIOUX TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P237)  
 CANMINDEX NUMBER (008563) NMI NUMBER (041/J/14/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE VEINS IN FAULT ZONE CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (045)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 72)  
 COMMENTS (LOW GRADES OBTAINED IN DRILLING/3 PRINCIPAL  
 SHOWINGS WITHIN 1 MI STRIKE LENGTH)

MAP(S) (GEOL P237 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 72/ \*CG\*  
 ----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-606  
 FROBERG, M.H. 1936  
 THE GOLD DEPOSITS OF THE MICHIGICOTEN AREA/ ODM  
 ANN REPT 1936 PT 8/ VOL 44/ PG 80

41-222

JARDUN MINE (VICTORIA/ CASCADE)  
 PB(3) ZN(3) AG(3) CU(3) AU(3) BA(8) FL(8)

41/K/09 46 38 09 084 08 09 DUNCAN & JARVIS TPS  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NO 1 ZONE/ GSC MAP 1412A)  
 CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (DISS & VEINS IN GRANITE & DIABASE)

REMARKS (FOUR MAJOR ORE ZONES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE/MAGNETITE/  
 ARSENOPIRYRITE/SPECULARITE/N.SILVER/ARGENTITE)  
 GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (165)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 32-33)  
 COMMENTS (4 MAJOR ORE ZONES)

PRODUCTION: 1954 TO 1957 31 TONNES REFINED METAL  
 99.999% CU  
 REFERENCE (ODM MRC 12/ PG 33)

MAP(S) (GEOL 1412A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 8  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
 \*CG\*  
 FIELD, D.J. 1959  
 MINING OPERATIONS IN 1957/ ODM ANN REPT 1958 PT 2/  
 ---- VOL 67/ PG 108/ \*1\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-10/ -910  
 HAY, R.E. 1963  
 THE GEOLOGY OF THE SAULT STE MARIE MAP AREA/  
 UNPUBLISHED PHD THESIS/ MCGILL 1963/ PG 281-295  
 ALCOCK, F.J. 1930  
 ZINC AND LEAD DEPOSITS OF CANADA/ GSC ECON GEOL  
 SERIES NO 8/ PG 183-185/ \*C\*  
 HURST, M.E. 1929  
 CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
 ALGOMA/ ODM ANN REPT 1928 PT 3/ VOL 37/ PG 77/ \*C\*

41-219

JARDUN MINE-NO 4 ZONE  
 PB(3) ZN(3) AG(3) CU(8) AU(8)

41/K/09 46 39 00 084 08 29 JARVIS TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
 CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (IN SCHISTOSE MAFIC DYKE CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE/MAGNETITE/  
 ARSENOPIRYRITE/SPECULARITE/N.SILVER/ARGENTITE)  
 GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (120) DIP (70)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 32-33)  
 COMMENTS (ZONE 600FT LONG/AVG WIDTH 3-6FT/MINED TO DEPTH OF  
 350FT)

MAP(S) (GEOL 1412A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 78/ \*CG\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
 \*CG\*

41-220

JARDUN MINE-NO 3 ZONE  
PB(2) ZN(2) AG(2) CU(8) AU(8)

41/K/09 46 38 14 084 08 31 DUNCAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN IN GRANITE)

REMARKS (1400 FT W OF NO 1 ZONE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)

ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE/MAGNETITE/  
ARSENOPYRITE/SPECULARITE/N.SILVER/ARGENTITE)

GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (315) DIP (80)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 32-33)  
COMMENTS (ZONE 700FT LONG/6-8FT WIDE)

MAP(S) (GEOLOGICAL PROVINCE 1412A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 78/ \*CG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
\*CG\*

41-221

JARDUN MINE-NO 2 ZONE (CASCADE MINE)  
PB(2) ZN(2) AG(2) CU(8)

41/K/09 46 38 40 084 08 33 JARVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN SCHISTOSE MAFIC DYKE CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)

ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/MAGNETITE/  
ARSENOPYRITE/SPECULARITE/N.SILVER/ARGENTITE)  
GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (165)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 32-33)  
COMMENTS (ZONE 100FT LONG/10-15FT WIDE/TRACED BY DRILLING  
TO DEPTH OF 190FT)

MAP(S) (GEOLOGICAL PROVINCE 1181A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
\*CG\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 78/ \*CG\*

41-222

JARDUN MINE-NO 1 ZONE (VICTORIA MINE / JARDUN NO 5)  
PB(3) ZN(3) AG(3) CU(3) AU(3)

41/K/09 46 38 09 084 08 09 DUNCAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
CANMINDEX NUMBER (008655) NMI NUMBER (041/K/09/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM IN 2 BANDS OF GREENSTONE SCHIST IN GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)

ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE/MAGNETITE/  
ARSENOPYRITE/SPECULARITE/N.SILVER/ARGENTITE)

GANGUE (QUARTZ/CARBONATE/BARITE/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (345) DIP (70)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 32-33)  
COMMENTS (ZONE 700FT LONG/MINING WIDTHS 10-40FT/MINED TO  
DEPTH OF 380FT)

MAP(S) (GEOLOGICAL PROVINCE 1412A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 78/ \*CG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 32-33/  
\*CG\*

PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

READER, M. 1953  
MINING OPERATIONS IN 1951/ ODM ANN REPT 1952/ VOL  
61 PT 2/ PG 85/ \*I\*

41-223

NYSTEDT (Y)  
CU(6)

41/K/09 46 40 25 084 16 27 AWERES TP/ SEC 10  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (009024) NMI NUMBER (041/K/09/CU/007)

CU DEPOSIT TYPE (PORPHYRY)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (DISSEMINATIONS AND VEINS IN FRACTURED GRANITE)

REMARKS (NW-TRENDING DIABASE DYKE SWARM CUTS AREA/  
PORPHYRY CU?)

TYPE (PORPHYRY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (POSSIBLE PORPHYRY DEPOSIT)

MAP(S) (GEOLOGICAL PROVINCE 2419 OGS/GEOL 1412A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 16/ \*I\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 303/ \*AC\*

41-224

TAYLOR  
CU(7)

41/J/12 46 41 08 083 59 45 ANDERSON TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008557) NMI NUMBER (041/J/12/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS ALONG GRANITE-DIABASE CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)

ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (290) DIP (67)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 15)  
COMMENTS (VEIN 900FT LONG/2-15FT WIDE/CU CONTENT LOW)

MAP(S) (GEOLOGICAL PROVINCE 1413A GSC/GEOL P303 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 77/ \*C\*  
FRAREY, M.J. 1959  
DESCRIPTIVE NOTES/ GSC MAP 23-1959

---- / ODM ANN REPORTS/ VOL 11 (1911) PG 272-273/ VOL  
12 (1902) PG 100/ VOL 13 1903 PT 1 PG 81-82  
---- 1948  
/ INVESTIGATION NO 2362/ MINERAL DRESSING AND  
METALLURGICAL LABORATORY REPORT/ MINES BRANCH/  
OTTAWA/ FEB  
----

/ FINANCIAL POST SURVEY OF MINES/ 1945 PG 165/  
1964 PG 169  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 15/ \*C\*

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/ ODM RESIDENT GEOLOGIST FILES/ SSM-6/-44

41-225

COPPERMINE POINT  
CU(7)

41/K/15 46 59 20 084 47 08 PANCAKE POINT LOCATION  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2251)  
CANMINDEX NUMBER (008608) NMI NUMBER (041/N/02/017)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FISSURE VEINS IN BASALT & SED ROCKS)

REMARKS (SPARSE CU MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 44-45)  
COMMENTS (AVG OF DRILL SLUDGE SAMPLES/0.04% CU/SPARSE  
MINERALIZATION)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

THOMSON, J.E. 1954  
GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
ANN REPT 1953 PT 4/ VOL 62/ PG 20

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 44-45/  
\*CG\*

41-226

DENISON  
CU(6)

41/K/15 46 59 54 084 42 56 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008578) NMI NUMBER (041/N/02/015)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (MINOR SLFD IN CONGLOMERATE/ALSO VEINLETS IN BASALT)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCLITE)  
GANGUE (CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (155) DIP (35)  
REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 59-60)  
COMMENTS (DDH ASSAYS 0.03-0.09% CU/WIDTHS 2-3FT IN CGL/  
0.04-0.22% CU/WIDTHS 3FT IN BASALT)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 2251 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 59-60/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-160

41-227

PALL-MALL  
CU(7)

41/K/15 46 59 52 084 43 44 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2251)  
CANMINDEX NUMBER (008579) NMI NUMBER (041/N/02/025)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ-CARBONATE VEINS CUTTING BASALT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCLITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 61)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 61/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-682/-764

41-228

ACHIGAN CREEK  
CU(6)

41/K/16 46 52 05 084 09 49 SHIELDS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008580) NMI NUMBER (041/K/16/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE IN MAFIC METAVOLCANIC ROCKS & GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE/MAGNETITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (135)  
REL. TO NIP, DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 64-65)  
COMMENTS (ZONE 6-12FT WIDE/CHANNEL SAMPLE ACROSS SHEARED  
ZONE ASSAYED 0.67% CU)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL P302 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 64-65/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-621

41-229

BEGLEY  
CU(7)

41/K/16 46 54 30 084 22 02 TILLEY TP/ SEC 25  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008581) NMI NUMBER (041/I/16/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (QTZ VEIN STOCKWORK IN GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE/CHALCOCLITE/BORNITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION/HEMATIZATION/SUPERGENE COPPER  
ENRICHMENT)  
VEIN TYPE (VEIN SETS) STRIKE (105) DIP (90)  
REL. TO NIP, DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 68/WNP FIELD)  
COMMENTS (MUCH OF VEIN STOCKWORK IS BARREN/SLFDS VERY  
IRREGULARLY DISTRIBUTED)

MAP(S) (GEOLOGICAL P304 ODM/GEOLOGICAL 2419 OGS)

LOGAN, W.E. 1963  
REPORT OF PROGRESS FROM COMMENCEMENT TO 1863 -ONT  
-QUE/ GEOLOGY OF CANADA/ GSC/ PG 700  
MCCONNELL, R.G. 1927  
SAULT STE MARIE DISTRICT OF ALGOMA/ ODM ANN REPT/  
VOL 35 PT 2 1926/ PG 84-85

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 68/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-678/-1104

41-230

BONE LAKE SOUTH (ONTARIO RARE METALS-1)  
CU(7)41/K/16 46 48 05 084 14 42 TUPPER TP/ SEC 4  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008582) NMI NUMBER (041/K/16/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN SHEARED DIABASE)REMARKS (MAPREF 1 IS SEARCHMONT-SSM/ALGOMA CENTRAL &  
HUDSON BAY RAILWAY CO 1964)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1964 ACR/GEOL 2419 OGS)

MCCONNELL, R.G. 1927  
SAULT STE MARIE DISTRICT OF ALGOMA/ ODM ANN  
REPORT/ VOL 35 PT 2 1926-----  
ONTARIO RARE METAL MINES LTD/ THE FINANCIAL POST  
SURVEY OF MINES 1956/ PG 363SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 68/ \*CG\*

41-231

CONSOLIDATED NEW PACIFIC  
CU(6)41/K/16 46 51 09 084 02 28 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008583) NMI NUMBER (041/K/16/CU/010)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (IN MAFIC METAVOLCANIC ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 24)  
COMMENTS (DDH ASSAYS/0.03-0.10% CU OVER WIDTHS RANGING FROM  
2.5-5.0FT)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 24/ \*CG\*-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-965

41-232

FITZPATRICK  
NI(6) CU(7)41/K/16 48 51 44 084 02 08 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008743) NMI NUMBER (041/K/16/NI/001)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (STRINGERS IN MAFIC DYKE INTRUDING GRANITE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED/ARCHEAN  
GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 24)  
COMMENTS (GRAB SAMPLES 0.07-0.99% NI/ONLY CU ASSAY 6.96% CU/  
BEST DDH 0.52% NI/2FT)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 24/ \*CG\*  
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/ ODM RESIDENT GEOLOGIST FILES/ SSM-685

41-233

JANOSE  
CU(5)41/J/13 46 50 45 083 59 55 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008561) NMI NUMBER (041/J/13/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN ALONG DIABASE-GRANITE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (305) DIP (70)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 24-25)  
COMMENTS (CHANNEL SAMPLES ACROSS 5FT AVG 2.1% CU/DRILLING  
RESULTS-ONLY SPARSE CLCP)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 24-25/  
\*CG\*-----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-30/-516

41-234

KRISTINA MINE (SUPERCREST/ SUPERIOR COPPER)  
CU(3) PB(7)41/K/16 46 53 07 084 05 25 LAVERENDRYE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NO 6 SHAFT/ PEARSON VERIF 1977)  
CANMINDEX NUMBER (008736) NMI NUMBER (041/K/16/CU/011)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN GRANITIC ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/GALENA)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110) DIP (65)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 75)PRODUCTION: 1903 TO 1907 295 TONNES REFINED METAL  
99.999% CU  
COMMENTS (PRDD 1903/ 1905-1907)  
REFERENCE (ODM MRC 12/ PG 75)RESERVE: 1969 335,104 TONNES 1.950% CU  
COMMENTS (PROBABLE AND POSSIBLE ORE)  
REFERENCE (ODM MRC 12/ PG 75)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 75/ \*CG\*-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-36/ -38/ -40/  
-672-----  
/ ODM ANN REPORTS/ VOL 11 1902/ PG 274-275/ VOL 12  
1903/ PG 100/ VOL 13 PT 1 1904/ PG 82/ VOL 14 PT  
1 1905/ PG 41 & 61/ VOL 15 PT 1 1906/ PG 68-69/  
VOL 16 PT 1 1907/ PG 72/ VOL 17 1908/ PG 79-80

41-235

WOLFE LAKE  
CU(6) U(7)41/K/16 46 52 15 084 13 33 SHIELDS TP/ TUPPER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (008595) NMI NUMBER (041/K/16/CU/014)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN DIABASE AND GRANITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (100) DIP (90)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 69)  
COMMENTS (ZONE 460FT LONG/CORE WIDTHS 1-30FT/ ASSAYS  
TR-1.52% CU/WIDTHS 1.5-10FT)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*CG\*

41-236

ALCOURT  
CU(5)41/N/01 47 04 49 084 26 29 NORBERG TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1516)  
CANMINDEX NUMBER (008597) NMI NUMBER (041/N/01/CU/005)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SHEAR VEIN IN MAFIC METAVOLCS NEAR GRANITE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (065)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 78)  
COMMENTS (VEIN 400FT LONG/SAMPLES ASSAYED 2.1% CU/2FT/0.3%  
CU/5FT/0.8% CU/6FT&0.5% CU/5FT)

MAP(S) (GEOL 2419 OGS/GEOL 2251 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 78/ \*CG\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-241

41-237

CAPUTO-JUST (TILLEY LAKES/ THOMPSON)  
CU(3) AU(8)41/N/01 47 00 38 084 21 33 WISHART TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (008598) NMI NUMBER (041/N/01/CU/009)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE VEINS IN SHEARED DIABASE)REMARKS (475 TONS AT 1.18% CU SHIPPED IN 1968/ 3 VEINS/  
ORE FROM NO 1 & 2)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOCITE/BORNITE/CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (110) DIP (90)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 78)  
COMMENTS (NO 1 VEIN/2.2% CU/3.64% CU/3.64% WIDTH/LENGTH  
150FT/NO 2 VEIN 1.5% CU/9FT(ADIT))

MAP(S) (GEOL P364 ODM/GEOL 2251 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 78/ \*CG\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1116/-1337  
GIBLIN, P.E. 1969  
/ ANNUAL REPORT OF RESIDENT GEOLOGISTS SECTION/  
1968 PART 2 MISC PAPER 24/ PG 5

41-238

MCGOVERN & MCCOLLOUGH LAKES  
CU(6)41/N/01 47 05 23 084 20 27 OLSEN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008601) NMI NUMBER (041/N/01/CU/001)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISSEM SLFDS IN GRAPHITIC SCHIST)REMARKS (ASSAYS UP TO 0.1% CU OVER 5.5 FT/ UNDERLAIN BY  
METAVOLCS & SEDIMENTS)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRD)  
SOURCE (NMI)  
COMMENTS (DDH ASSAYS UP TO 0.1% CU/5.5FT/SFLDS ASSOC WITH  
GRAPHITIC PORTIONS)

MAP(S) (GEOL 2419 OGS/GEOL 2251 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 77/ \*C\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-482/ -793/  
-806/ -806/ -1044/ -1269

41-239

BASELINE D  
CU(5)41/N/02 47 04 36 084 43 26 KINCAID LOCATION 7 & 8  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008606) NMI NUMBER (041/N/02/CU/031)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEINS CUTTING KEWEENAWAN BASALTS)REMARKS (TWO VEINS 120 FT APART/ W VEIN 380 FT BY 4-6 FT/  
E VEIN 500 FT BY 4-6F)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS)  
ORE MNRLS (CHALCOCITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (340) DIP (60)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRD)  
SOURCE (ODM MRC 12/PG 36-37)  
COMMENTS (2 VEINS/WEST 380FT LONG/AVG WIDTH 4-6FT/EAST  
500FT/AVG WIDTH 4-6FT/ERRATIC SFLD)

MAP(S) (GEOL 2251 ODM/GEOL 35B ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 36-37/  
\*C\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1090/-1371

41-240

EVANGELINE LAKE/ MOOSE LAKE (BOB TOUGH)  
AU(6) AS(7) CU(7)41/I/04 46 08 15 081 52 03 MCKINNON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP P668)  
CANMINDEX NUMBER (004325) NMI NUMBER (041/I/04/AU/007)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)

## GEOLOGY (QTZ VEINS &amp; STRINGERS IN FELDSPATHIC QUARTZITE)

REMARKS (2 SHOWINGS (EAST &amp; WEST) ON NORTH SHORE OF THE LAKE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (PYRITE/ARSENOPYRITE/N. GOLD/CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM VOL 44 PT 7/PG 61)  
 COMMENTS (DIABASE DYKES CUT SEDIMENTS)

MAP(S) (GEOL 2361 ODM/GEOL P668 ODM)

RICKABY, H.C. 1936  
 NOTES ON MONGOWIN TOWNSHIP AND VICINITY/ ODM ANN  
 REPORT 1935 PT 7/ VOL 44/ PG 61

----- / ODM ANN REPORTS/ 1935 PT 1 VOL 44 PG 73/ 1936  
 PT 1 VOL 45 PG 83-84

KINDLE, E.D. 1936  
 GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
 GSC MEMOIR 192/ PG 98

GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 73

41-240

COPPERCORP MINE  
 CU(3) AG(3) AU(3)

41/N/02 47 01 29 084 45 15 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (C ZONE/ ODM MAP 2251)  
 CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (5 MAJOR ZONES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (345) DIP (60)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS 1970)

PRODUCTION: NOV/1965 TO NOV/1967 348,602 TONNES ORE

1.370% CU  
 COMMENTS (CALCULATED GRADE)  
 REFERENCE (NMI)

PRODUCTION: 1965 TO DEC/1972 849,547 TONNES ORE  
 1.154% CU 0.066/T AU 8.336/T AG  
 COMMENTS (PROD 1965-71/ CALC GRADE)  
 REFERENCE (ODM SMDR 000852)

RESERVE: 1957 1,360,777 TONNES 1.700% CU  
 COMMENTS (DEPTH TO 550 FT)  
 REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

HESLOP, J.B. 1970  
 GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
 ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 45-46/  
 \*CG\*

----- / NORTHERN MINER/ NOV 18 1965/ JAN 25 AND JULY 18  
 1968

----- / ODM RESIDENT GEOLOGISTS FILES/ SSM-159

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

MOORE, E.S. 1927  
 BATCHAWANA AREA DISTRICT OF ALGOMA/ ODM ANNUAL  
 REPORT/ VOL 35 PT 2 1926/ PG 82-83

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87/ NO 4/ PG 77-79/ \*AC\*

41-885

COPPERCORP MINE-C-2 ZONE  
 CU(3) AG(3) AU(3)

41/N/02 47 01 09 084 45 11 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2251)  
 CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH C ZONE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (300) DIP (45)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS 1970)  
 COMMENTS (UPPER BODY 250FT LONG/10FT WIDE/500FT DOWN DIP/  
 LOWER-250FT LONG/30FT WIDE/)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954

GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966

RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87 NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970

GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
 ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

41-886

COPPERCORP MINE-SB ZONE  
 CU(3) AG(3) AU(3)

41/N/02 47 01 18 084 45 05 RYAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
 CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH SILVER CK NORTH ZONE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
 ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
 GANGUE (CALCITE/QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (021)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (HESLOP MSC THESIS 1970)  
 COMMENTS (ZONE 3600FT LONG/SUBPARALLEL TO C ZONE)

RESERVE: 1965 589,670 TONNES 2.100% CU  
 COMMENTS (SILVER CREEK NORTH & SB ZONES)  
 REFERENCE (NMI)

MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954

GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966

RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
 BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
 JOURNAL/ VOL 87 NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970

GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
 THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
 ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
 UNIVERSITY 1970/ 103 PAGES

41-887

COPPERCORP-SILVER CK SOUTH (SILVER CREEK SOUTH ZONE)  
CU(3) AG(3) AU(3)

41/N/02 47 01 32 084 45 31 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2251)  
CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
GANGUE (CALCITE/QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (010) DIP (55)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (HESLOP MSC THESIS)

RESERVE: 1965 444,520 TONNES 2.300% CU  
COMMENTS (SILVER CREEK SOUTH)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 1953-1 ODM)

THOMSON, J.E. 1954  
GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
JOURNAL/ VOL 87/ NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
UNIVERSITY 1970/ 103 PAGES

41-888

COPPERCORP-SILVER CK NORTH (SILVER CREEK NORTH ZONE)  
CU(3) AG(3) AU(3)

41/N/02 47 01 39 084 45 20 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS CUT BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH SB ZONE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
GANGUE (CALCITE/QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (110) DIP (55)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (HESLOP MSC THESIS)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 1953-1 ODM)

THOMSON, J.E. 1954  
GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
JOURNAL/ VOL 87/ NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
UNIVERSITY 1970/ 103 PAGES

41-889

COPPERCORP MINE-C ZONE  
CU(3) AG(3) AU(3)

41/N/02 47 01 29 084 45 15 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANINDEX NUMBER (008607) NMI NUMBER (041/N/02/CU/008)

CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS IN BASALTS & CONGLOMERATES)

REMARKS (RESERVES COMBINED WITH C2 ZONE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS)  
ORE MNRLS (CHALCOCITE/PYRITE/BORNITE/N. COPPER/SPECULARITE)  
GANGUE (CALCITE/QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (345) DIP (60)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (HESLOP MSC THESIS 1970)  
COMMENTS (ZONE 5400FT LONG/AVG WIDTH 8FT)

RESERVE: 1965 362,873 TONNES 2.300% CU  
COMMENTS (C AND C-2 ZONES COMBINED)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 1953-1 ODM)

THOMSON, J.E. 1954  
GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
ANNUAL REPORT/ VOL 62 PT 4 1953/ \*A\*

GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
JOURNAL/ VOL 87 NO 4/ PG 77-79/ \*CG\*

HESLOP, J.B. 1970  
GEOLOGY MINERALOGY AND TEXTURAL RELATIONSHIPS OF  
THE COPPERCORP DEPOSIT MAMAINSE POINT AREA  
ONTARIO/ UNPUBLISHED MSC THESIS/ CARLETON  
UNIVERSITY 1970/ 103 PAGES

41-241

GIMLET LAKE  
CU(5)

41/N/02 47 02 24 084 35 36 PALMER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANINDEX NUMBER (008609) NMI NUMBER (041/N/02/CU/016)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (QTZ-RICH SLFD FACIES IRON FM)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
GANGUE (QUARTZ/OTHER)  
STRIKE (090)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 47)  
COMMENTS (ZONE 1600FT LONG/MAX CORE WIDTH 38FT/CORE ASSAYS  
0.03-0.15% CU/WIDTHS 8-10FT)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 47/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1167

41-242

GIMLET LAKE (GUI-PDR)  
CU(2)

41/N/02 47 00 58 084 38 16 RYAN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANINDEX NUMBER (008610) NMI NUMBER (041/N/02/CU/002)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (DISSEM IN QTZ PORPHYRY & IN SEAMS IN ADJ METAVOLCS)

REMARKS (PORPHYRY INTRUDES METVOLCANICS)

TYPE (UNCLASSIFIED)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN FELSIC INTRUSIONS/ARCHEAN METAVOLCANIC  
ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 60)  
COMMENTS (QTZ PORPHYRY 600FT LONG/20-140FT WIDE/DDH ASSAYS  
0.09-0.12% CU/WIDTHS 5-10FT)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/

ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 60/ \*CG\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-60

41-243

HATHAWAY  
CU(7)41/N/O2 47 07 58 084 43 05 RANKIN LOCATION  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANINDEX NUMBER (008611) NMI NUMBER (041/N/O2/CU/014)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FRACTURE ZONES IN GRANITE AND QUARTZ PORPHYRY)

REMARKS (SPARSE MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/KEWEENAWAN FELSIC INTRUSIONS)  
ORE MNRLS (BORNITE/N. COPPER)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 57-58)  
COMMENTS (NO ASSAYS REPORTED)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 57-58/  
\*C\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-664

41-244

HIGHWAY  
CU(5) AG(5) PB(7)41/N/O2 47 07 19 084 41 34 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ROADCUT/W PEARSON VERIFIED 1977)  
CANINDEX NUMBER (008612) NMI NUMBER (041/N/O2/CU/030)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ-CARBONATE VEIN BRECCIA ADJACENT DYKE)REMARKS (DRILL CORE ASSAY/ 0.37% CU AND 0.18 OZ/TON AG  
OVER 3 FEET)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/KEWEENAWAN DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (015) DIP (50)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 37/WNP FIELD)  
COMMENTS (BRECCIA ZONE 50FT LONG/10FT THICK/DDH 0.37% CU &  
0.18OZ/TON AG/3FT)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 37/ \*CG\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1320

41-245

JOGRAAN (BJORNAS-DALE)  
CU(2) MO(2) AG(6)41/N/O2 47 02 35 084 36 55 RYAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008613) NMI NUMBER (041/N/O2/CU/004)CU DEPOSIT TYPE (PORPHYRY)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (DISSEM & FRACTURE SLFDS IN QTZ-FELDSPAR PORPHYRY)

REMARKS (KEWEENAWAN AGE PORPHYRY COPPER DEPOSIT)

TYPE (PORPHYRY)

SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN FELSIC INTRUSIONS)ORE MNRLS (CHALCOPYRITE/MOLYBDENITE/PYRITE)  
ALTERATION (SERICITIC/CHLORITIC/CARBONATIZATION/POTASH  
FELDSPAR)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 60-61)  
COMMENTS (QFP PLUG 60OFT IN DIAMETER/MIN DEPTH 68OFT/AVG  
GRADE 0.19% CU & 0.053% MOS2)

MAP(S) (GEOLOGICAL P555 ODM/GEOLOGICAL 2251 ODM)

JOHNSTON, F.J. 1968  
MOLYBDENUM DEPOSITS IN ONTARIO/ ODM MINERAL  
RESOURCES CIRCULAR NO 7/ PG 11BLECHA, M. 1974  
BATCAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
COPPER DISTRICT/ CIM BULL VOL 68/ NO 748/ PG 71-76SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 60-61/  
\*CG\*GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCAWANA AREA OF ONTARIO/ CAN MINING JOUR VOL  
87/ NO 4/ PG 77-80/ \*AC\*/ ODM RESIDENT GEOLOGISTS FILES/ SSM-595/ -639/  
-944/ -1073/ -1167PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 303/ \*I\*ARMBRUST, G.A. 1979  
GEOLOGY OF THE JOGRAAN DISSEMINATED CU-MO DEPOSIT/  
OGS GEOSCIENCE RESEARCH SEMINAR/ DEC 5-6 1979/ PG  
1-2

41-246

MALACHITE CREEK  
CU(5)41/N/O2 47 04 33 084 41 57 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2251)  
CANINDEX NUMBER (008614) NMI NUMBER (041/N/O2/CU/028)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN FAULT ZONE CUTTING GRANITE)REMARKS (CORE ASSAYS RANGE FROM 0.19% CU (4 FT) TO 0.28%  
CU (5.2 FT))TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (055) DIP (60)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 37-38)  
COMMENTS (ZONE 60OFT LONG/4-5.2FT WIDE/DDH ASSAYS RANGE  
0.19% CU/4FT TO 0.28% CU/5.2FT)

MAP(S) (GEOLOGICAL P302 ODM/GEOLOGICAL 2251 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 37-38/  
\*CG\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-481

41-247

MAMAINSE MINE  
CU(7)41/N/O2 47 03 20 084 45 42 MCDONNELL LOCATION  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2251)  
CANINDEX NUMBER (008615) NMI NUMBER (041/N/O2/CU/013)CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FISSURE VEIN WITH SPARSE NATIVE COPPER CUTS BASALT)

REMARKS (NO PRODUCTION RECORDED)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS)  
ORE MNRLS (N. COPPER)  
GANGUE (CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (155) DIP (60)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 57)  
COMMENTS (VEIN 150OFT LONG/1.5-13FT WIDE)



MAP(S) (GEOL 2251 ODM/GEOL 1953-1 ODM)

THOMSON, J.E. 1954  
GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
ANN REPT 1953 PT 4/ VOL 62/ PG 23  
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1890  
/ REPORT OF THE ROYAL COMMISSION ON MINERAL  
RESOURCES OF ONTARIO/ PG 102  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 57/ \*C\*

41-248

MARICONA  
CU(2)

41/N/02 47 08 31 084 43 35 SLATER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (DUMP/ W PEARSON VERIFIED 1977)  
CANINDEX NUMBER (008616) NMI NUMBER (041/N/02/CU/027)  
CU DEPOSIT TYPE (CU SULPH-NATIVE CU IN VOLC)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN VEIN BRECCIAS CUTTING KEWEENAWAN BASALTS)

REMARKS (3 ZONES)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS)  
ORE MNRLS (CHALCOCITE/CHALCOPYRITE/BORNITE/N. COPPER/  
SPECULARITE)  
GANGUE (CALCITE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (310) DIP (45)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI/ODM MRC 12/PG 58)  
COMMENTS (3 ZONES 240/258/400FT LONG/AVG TRUE WIDTH 6.4/9/  
8FT/GRADES 1.38/1.09/1.16% CU)

RESERVE: 1956 267,986 TONNES 1.170% CU  
COMMENTS (RESERVES IN 3 SECTIONS)  
REFERENCE (NMI)

MAP(S) (GEOL 1951-B ODM/GEOL 1955-1 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 79/ \*CG\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 58/ \*CG\*  
NUFFIELD, E.W. 1956  
GEOLOGY OF THE MONTREAL RIVER AREA/ ODM ANNUAL  
REPT/ VOL 64 PT 3 1955/ PG 11/ \*A\*  
ANNELLS, R.H. 1972  
PROTEROZOIC FLOOD BASALTS OF EASTERN LAKE  
SUPERIOR/ THE KEWEENAWAN VOLCANIC ROCKS OF THE  
MAMAINSE POINT AREA ONTARIO/ GSC PAPER 72-10  
PYE, E.G. 1975  
ANNUAL REPORT OF THE REGIONAL AND RESIDENT  
GEOLOGISTS/ ODM MISC PAPER 60/ PG 161  
MOORE, E.S. 1927  
BATCHAWANA AREA DISTRICT OF ALGOMA/ ODM ANNUAL  
REPORT/ VOL 35 PT 2 1926/ PG 81  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-292/ -294

41-249

MCKINNEY  
CU(S)

41/N/02 47 02 46 084 37 09 RYAN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANINDEX NUMBER (008617) NMI NUMBER (041/N/02/CU/020)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS IN METAVOLC ROCKS)

REMARKS (LENGTH 400 FT/ ASSAYS FROM 0.3% CU (19.5 FT) TO  
4% CU (5.5 FT))

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110) DIP (90)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (ZONE 400FT LONG/ASSAYS RANGE 0.30% CU/19.5FT TO  
4.03% CU/5.5FT)

MAP(S) (GEOL P555 ODM/GEOL 2251 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 61/ \*CG\*  
GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
JOURNAL/ APRIL 1966/ PG 77-80

41-250

NEW SENATOR EAST  
CU(S) PB(S) ZN(S) AG(S)

41/N/02 47 04 00 084 31 50 NICOLET TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008620) NMI NUMBER (041/N/02/CU/018)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SILICIFIED ZONE IN REPLICATED MAFIC VOLCANICS)

REMARKS (ALL ASSAY RESULTS LESS THAN 1% CU)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN BRECCIAS)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 79)  
COMMENTS (ALL ASSAY RESULTS LESS THAN 1% CU/ZONE APPROX  
250FT LONG)

MAP(S) (GEOL 2251 ODM/GEOL P361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 79/ \*C\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-520/ -633

41-251

PALMER BRECCIA ZONE  
CU(S) BA(7)

41/N/02 47 02 00 084 33 00 PALMER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008621) NMI NUMBER (041/N/02/CU/007)

CU DEPOSIT TYPE (PORPHYRY)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (BRECCIA PIPE WITH QTZ-CARBONATE-BARITE-SLFD MATRIX)

REMARKS (MINERALIZ ERRATIC AND GENERALLY LOW GRADE/  
BRECCIA CUTS MAFIC METAVOLC)

TYPE (PORPHYRY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (CARBONATE/QUARTZ/BARITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 48)  
COMMENTS (BX PIPE 900FT IN DIAM/MIN DEPTH 800FT/APPEARS TO  
PLUNGE N AT 55 DEG/LOW GRADE CU)

MAP(S) (GEOL P710 ODM/GEOL 2251 ODM)

GIBLIN, P.E. 1966  
RECENT EXPLORATION AND MINING DEVELOPMENTS IN THE  
BATCHAWANA AREA OF ONTARIO/ CANADIAN MINING  
JOURNAL/ VOL 87 NO 4/ PG 79/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 48/ \*CG\*  
BLECHA, M. 1974  
BATCHAWANA AREA A POSSIBLE PRECAMBRIAN PORPHYRY  
COPPER DISTRICT/ CAN INST MINING MET BULL/ VOL 67  
NO 748/ PG 71-76

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-627/-674

41-252

PHELPS  
CU(5) MO(5)41/N/02 47 02 35 084 36 45 RYAN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008622) NMI NUMBER (041/N/02/CU/026)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (NARROW FRACTURES & VEINS IN MAFIC METAVOLCANICS)REMARKS (ZONE 450 FT LONG/ WIDTH 100 FT / DEPTH 500 FT/  
MOST ASSAYS <1% CU)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/MOLYBDENITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (103)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 62)  
COMMENTS (DDH ASSAYS RANGE/NIL TO 3.00% CU/MOST LESS THAN  
1% CU)

MAP(S) (GEOL 2251 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 62/ \*CG\*

41-253

RAYTOMIC-1  
CU(7)41/N/02 47 04 24 084 42 27 KINCAID TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ODM MAP 2251)  
CANMINDEX NUMBER (008623) NMI NUMBER (041/N/02/CU/029)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEIN CUTTING KEWEENAWAN ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS)  
ORE MNRLS (CHALCOCITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (135)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 38)  
COMMENTS (ZONE 300FT LONG/MAX CORE WIDTH 40FT/SPARSE  
MINERALIZATION)

MAP(S) (GEOL 2251 ODM/GEOL P302 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 38/ \*C\*

/ ODM RESIDENT GEOLOGIST FILES/ SSM-72

41-254

PANCAKE LAKE (RICHARDS)  
CU(2)41/N/02 47 03 40 084 37 50 KINCAID & RYAN TPS  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008625) NMI NUMBER (041/N/02/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN FAULT ZONE CUTTING METAVOLCANICS)REMARKS (DRILLING OVER 300 FT LENGTH/ WIDTH 21.5 FT/ DEPTH  
200 FT/ 0.76% CU)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/BORNITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (140) DIP (90)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 38-39)  
COMMENTS (ZONE 310FT LONG/TRUE WIDTH 21.5FT/GRADES 0.76% CU  
TO DEPTH OF 200FT)

MAP(S) (GEOL P553 ODM/GEOL 2251 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 38-39/  
\*CG\*  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-522/ -655

41-255

CONSOLIDATED MARBENOR  
CU(6)41/N/02 47 02 13 084 32 00 PALMER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008637) NMI NUMBER (041/N/02/CU/034)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN FAULT BRECCIA CUTTING MAFIC METAVOLC RKS)

REMARKS (BEST INTERSECTION 0.28% CU OVER 5 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (160)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (ZONE 2200FT LONG/80FT WIDE/BEST DDH INTERSECTION  
0.28% CU/5FT)

MAP(S) (GEOL P710 ODM/GEOL 2251 ODM)

GIBLIN, P.E. 1971  
ODM MAP P710 (MARGINAL NOTES)

41-256

UPTON-DOUGHTY  
CU(7)41/N/02 47 07 16 084 41 48 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2251)  
CANMINDEX NUMBER (008626) NMI NUMBER (041/N/02/CU/024)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE VEIN BRECCIA IN GRANITE & METABASALT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (105) DIP (80)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 39)  
COMMENTS (ZONE 200FT LONG/2-3FT WIDE/DDH INTERSECTIONS TO  
145FT/SPARSE MINERALIZATION)

MAP(S) (GEOL 2251 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 39/ \*C\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-888

41-257

WEST CREEK  
CU(7)41/N/02 47 02 16 084 37 28 RYAN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008627) NMI NUMBER (041/N/02/CU/022)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FRACTURE VEINS IN MAFIC METAVOLCANICS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
GANGUE (QUARTZ/CARBONATE)

ALTERATION (CHLORITIC)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (150)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 62)

MAP(S) (GEOL 2251 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 62/ \*C\*

----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1352

41-258

WHITMELL  
CU(5) AG(5)

41/N/02 47 07 24 084 42 13 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (008628) NMI NUMBER (041/N/02/CU/023)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CALCITE-QTZ-SLFD VEIN NEAR DIABASE/GRANITE CONTACT)

REMARKS (LENGTH 150 FT/ WIDTH 1-6 FT/ BEST ASSAY 0.6% CU &  
0.3 OZ/TON AG/3.3 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWENAWAN DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/N. COPPER/CUPRITE/MALACHITE/  
SPECULARITE)  
GANGUE (CALCITE/QUARTZ/OTHER)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (040) DIP (50)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 39-40)  
COMMENTS (VEIN 150FT LONG/WIDTH 1-6FT/ASSAYS RANGE 0.14% CU/  
1.5FT/0.6% CU/3.3FT/AG ALSO)

MAP(S) (GEOL 2251 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 39-40/  
\*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1320

41-294

TYRONE  
CU(7) NI(7)

41/I/14 46 48 14 081 18 20 TYRONE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2133)  
CANMINDEX NUMBER (008403) NMI NUMBER (041/I/14/CU/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SPARSE SLFDS IN QTZ DIORITE OF F0V OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOL 2170 ODM/GEOL 2133 ODM)

CARD, K.D. 1969  
GEOLOGY OF THE LEINSTER-BOWELL AREA/ ODM GEOL  
REPT 65/ PG 34

BURROWS, A.G. 1935  
SUDBURY NICKEL FIELD RESTUDIED/ ODM ANN REPORT/  
VOL 43 PT 2 1934/ PG 28-29

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282/ \*C\*

41-302

NICKEL RIM MINE  
NI(3) CU(3) PT(3) PD(3) AU(3)

41/I/10 46 40 30 080 48 12 MACLENNAN TP/ LOT 11 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008684) NMI NUMBER (041/I/10/NI/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)  
TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

PRODUCTION: 1952 TO 1958 1,157,234 TONNES ORE  
0.240% CU 0.550% NI  
COMMENTS (CALC GRADES)  
REFERENCE (ODM MRC 12/ PG 255)

RESERVE: JAN/1959 678,233 TONNES 0.350% CU  
0.900% NI  
COMMENTS (BEFORE DILUTION)  
REFERENCE (ODM MRC 12/ PG 255)

MAP(S) (GEOL 2170 ODM/GEOL 2009 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 254/ \*CG\*

THOMSON, J.E. 1961  
GEOLOGY OF MACLENNAN AND SCADDING TOWNSHIPS/ ODM  
GEOL REPORT 2/ PG 25-27

----  
1953  
EAST RIM NICKEL ML/ CANADIAN MINES HANDBOOK 1953/  
PG 68

41-303

CENTRE LINE  
CU(5)

41/J/05 46 21 13 083 47 55 PLUMMER ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/GSC MAP 1414A)  
CANMINDEX NUMBER (009007) NMI NUMBER (041/J/05/CU/012)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-SULPHIDE VEINS CUTTING GOWGANDA QUARTZITE)

REMARKS (NEGLECTIBLE COPPER WAS FOUND IN DRILLING)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (080)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 54-55)  
COMMENTS (ZONE TRACED FOR 2000 FT LENGTH/MAX WIDTH 11 FT/  
NEGLECTIBLE CU FOUND IN DRILLING)

MAP(S) (GEOL 1414A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 54-55

----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1232/-1236

41-304

CANDORE  
CU(7) NI(7)

41/I/10 46 38 30 080 30 18 DAVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (008675)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)

REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NM MAY 21/ 1970)

MAP(S) (MIN POT P1512 OGS/GEOL 2361 ODM)

---- 1970  
/ THE NORTHERN MINER/ MAY 21 1970/ PG 3/ \*1\*

41-307

AGGRESSIVE MINING PROPERTY (BOUSQUET AND WHITE CLAIMS)  
CU(7) NI(7) AU(7) AG(7) PTM(7) AS(7)

41/I/04 46 09 02 081 37 11 CURTIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DYKE N OF AU MINE/ODM MAP 2312)  
CANMINDEX NUMBER (008654)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISS SLFDS IN METAGABBRO DYKE)

REMARKS (MINERALIZATION SCATTERED IN DYKE NEAR OLD  
BOUSQUET MINE-NMI 41 I 4 AU1)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/BORNITE/PYRITE)  
REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (NM SEPT 13/1973/PG 3)  
COMMENTS (SLFDS IN GABBRO OVER 1600FT LONGX600FT WIDE/  
COMPOSITE 0.27%NI/0.79%CU& SOME PT)

MAP(S) (GEOL 2361 ODM/GEOL 2312 ODM)

---- 1973  
AGGRESSIVE MINING OPTIONS CLAIMS BIG TONNAGE  
NI-CU CHANCES/ THE NORTHERN MINER/ SEPT 13 1973/  
\*CG\*

---- 1974  
AGGRESSIVE TURNS TO URANIUM & GOLD/ THE NORTHERN  
MINER/ FEB 14 1974/ \*1\*

---- 1974  
AGGRESSIVE INTERESTED IN GOLD ACQUIRES SOUTH  
DAKOTA CLAIMS/ THE NORTHERN MINER/ MARCH 7 1974/  
\*1\*

CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ \*B\*

41-308

MOVADO  
CU(7) AU(7)

41/I/09 46 39 30 080 29 03 DAVIS TP/ FORMER LOT 7 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2037)  
CANMINDEX NUMBER (008377) NMI NUMBER (041/I/09/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEINS CUTTING GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/BORNITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (230) DIP (25)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 15/PG 17)  
COMMENTS (4 GRABS ASSAYED FROM 1.08%-6.81% CU & TR-0.01 OZ/  
TON AU/GABBRO RAN 0.04% CU)

MAP(S) (GEOL 2037 ODM/GEOL 2361 ODM)

KINDLE, L.F. 1933  
GEOLOGY OF MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN  
REPT 1932 PART 4/ VOL 41/ PG 48

THOMSON, J.E. 1963  
GEOLOGY OF KELLY AND DAVIS TOWNSHIPS/ ODM GEOL  
REPT 15/ PG 17/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 274/ \*C\*

41-309

COPPER PRINCE  
CU(6)

41/I/10 46 34 03 080 45 23 FALCONBRIDGE TP/LOT6-7/CON2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 1957-5)  
CANMINDEX NUMBER (008385) NMI NUMBER (041/I/10/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN BRECCIATED QTZITE/ ALSO AT GABBRO-SEDS CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE/MARCASITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (090)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (NMI)  
COMMENTS (DRILLING 1.6% CU/20-25 FT/LOCAL SECTIONS 5% CU/  
3-5 FT)

MAP(S) (GEOL 1957-5 ODM/GEOL 2361 ODM)

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANN REPT  
1957 PART 6/ VOL 66/ PG 22/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275/ \*C\*

41-310

FORD CLAIM (W D 66)  
CU(7) AU(7)

41/I/10 46 38 20 080 32 48 DAVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (008386) NMI NUMBER (041/I/10/CU/003)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS WITH LOCAL NATIVE GOLD)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/N. GOLD)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)/VEIN BRECCIAS) STRIKE (090) DIP (65)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)

MAP(S) (GEOL P367 ODM/GEOL 2037 ODM)

---- 1897  
/ ODM ANN REPT 1896/ VOL 7/ PG 140  
FAIRBAIRN, H.W. 1939  
GEOLOGY OF THE ASHIGAMI LAKE AREA/ ODM ANN REPT  
1939 PT 10/ VOL 48

41-311

FALCONBRIDGE TP-LOT 7 CON 4  
NI(7) CU(7)

41/I/10 46 35 20 080 45 49 FALCONBRIDGE TP/ LOT 7 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008680) NMI NUMBER (041/I/10/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2170)

MAP(S) (GEOL 2170 ODM/GEOL P367 ODM)

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TP/ ODM ANN REPT 1957 PT  
6/ VOL 66/ PG 32-33

41-314

ISLAND 725/ ABEX  
CU(7)41/I/16 46 57 32 080 04 18 PHYLLIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CENTER OF ISLAND/ ODM MAP 2057)  
CANINDEX NUMBER (008716)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (MASSIVE SLFDS IN FELSIC METAVOLC ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOLOGICAL 2057 ODM/GEOLOGICAL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 210  
---- 1972  
/ CANADIAN MINE HANDBOOK 1972-73/ PG 17

41-315

ANDOVER-1 (NEW MINDA-SCOTIA)  
CU(7)41/I/16 46 59 41 080 08 46 JOAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2057)  
CANINDEX NUMBER (008412) NMI NUMBER (041/I/16/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS ON OR NEAR CONTACT OF DIABASE SILL & SEDS)REMARKS (ON VEIN ZONE WHICH IS EXPOSED FOR APPROX 2000 FT/  
PITS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MRC 12/PG 200)  
COMMENTS (VEIN ZONE APPROX 2000 FT LONG)

MAP(S) (GEOLOGICAL P367 ODM/GEOLOGICAL 2057 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 112/ \*C \*  
SIMONY, P.S. 1964  
NORTHWESTERN TIMAGAMI AREA/ ODM GEOL REPORT NO 28/  
PG 20-21  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 200/ \*C\*

41-320

GOULAIS RIVER (DOUGHTY)  
CU(2) AG(2) PB(7)41/K/16 46 45 44 084 15 45 YANKOUGHNET TP/ SEC 14  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP P302)  
CANINDEX NUMBER (008584) NMI NUMBER (041/K/16/CU/008)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS & VEINS IN ALTERED MAFIC METAVOLC ROCKS)

REMARKS (32 ZONES/ SOME QTZ-CRBN-SLFD VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEINS) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI/WNP FIELD DATA)  
COMMENTS (DRILLING/ZONE 2800FT LONG WITH 3 MINERALIZED  
ZONES/WIDTH 5-15FT)RESERVE: 1972 226,796 TONNES 2.350% CU  
0.26G/T AG  
COMMENTS (THREE ZONES)  
REFERENCE (NMI)

MAP(S) (GEOLOGICAL P302 ODM/GEOLOGICAL 35A ODM)

GUILLET, G.R. 1971  
ANNUAL REPORT OF RESIDENT GEOLOGISTS SECTION  
GEOLOGICAL BRANCH 1970/ ODM MISCELLANEOUS PAPER  
46/ PG 92-93  
---- 1973  
/ THE NORTHERN MINER/ JAN 11 & 18 1973/ JUNE 14  
1973

41-321

IROQUOIS ISLAND/ ISLAND 2198 (IROQUOIS BAY)  
CU(5) AU(5) CO(6) AG(7) AS(7) NI(7) PB(7)41/I/04 46 05 39 081 39 47 CURTIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2317)  
CANINDEX NUMBER (009064) NMI NUMBER (041/I/04/CU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS/PDS/QTZ VEINS IN SHEARED CALCAR METASEDS)REMARKS (1500 LB BULK SAMPLE/1.18% CU/0.12% NI/0.15% CO/  
81.6 OZ/TON AG)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (CHALCOPYRITE/ARSENOPYRITE/COBALTITE/N. GOLD)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 138/PG 51)

MAP(S) (GEOLOGICAL 2317 ODM/GEOLOGICAL 2361 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 89  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 196---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
---- 1954  
/ THE NORTHERN MINER/ DEC 9 1954CARD, K.D. 1976  
GEOLOGY OF THE MCGREGOR BAY-BAY OF ISLANDS AREA/  
ODM GEOSCIENCE REPT 138/ PG 51/ \*AC\*

41-322

BOUSQUET MINE  
AU(4) AG(4) CU(7) AS(7)41/I/04 46 08 58 081 37 16 CURTIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (005608) NMI NUMBER (041/I/04/AU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEIN ALONG DIABASE-QUARTZITE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/GOWGANDA FORMATION)  
ORE MNRLS (ARSENOPYRITE/PYRITE/N. GOLD/CHALCOPYRITE)  
GANGUE (QUARTZ/SIDERITE/ANKERITE/CALCITE)  
VEIN TYPE (VEIN SETS) STRIKE (090) DIP (90)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT/  
-- CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 131/PG 51-52)  
COMMENTS (PRODUCTION 1936-38/4672 OZ AU & 196 OZ AG FROM  
17129 TONS OF ORE)

MAP(S) (GEOLOGICAL 2312 ODM/GEOLOGICAL 2361 ODM)

COLLINS, W.H. 1918  
NORTH SHORE OF LAKE HURON/ ONTARIO/ GSC SUMM  
REPORT 1917/ PT E/ PG 12  
PHEMISTER, T.C. 1939  
NOTES ON SEVERAL PROPERTIES IN THE DISTRICT OF  
SUDBURY/ ODM ANN REPT 1939 PT 10/ VOL 48/ PG 16-17  
CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPORT 131/ PG 51-52/ \*AC\*  
RICKABY, H.C. 1936  
NOTES ON MONGOWIN TOWNSHIP AND VICINITY/ ODM ANN

REPORT 1935 PT 7/ VOL 44/ PG 60  
 HURST, M.E. 1927  
 ARSENIC-BEARING DEPOSITS IN CANADA/ GSC ECON GEOL  
 SERIES NO 4/ PG 115  
 GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 56-57

41-323

NORTH MONTGOMERY (DESTORADA/ IRON BRIDGE)  
 CU(2)  
 41/J/06 46 26 14 083 09 11 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

REMARKS (3 COMPONENT ZONES)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
 REL TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)  
 COMMENTS (MAIN VEIN TRACED BY DRILLING FOR 2100 FT/AVG TRUE  
 WIDTH 6-17 FT IN ORE BLOCKS)

RESERVE: 1970 147,677 TONNES 1.730% CU  
 COMMENTS (RECALCULATED RESERVES)  
 REFERENCE (NMI/ 1971 NM MARCH 18/ PG 22)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
 PG 17

-----  
 / ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
 TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
 AND TECHNICAL FILES 63.2404 63.2709 & 63.2928

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 / ODM SOURCE MINERAL DEPOSIT RECORD 000794

FRAREY, M.J. 1977  
 GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
 MARIE & BLIND RIVER/ GSC MEM 383/ PG 73

41-890

NORTH MONTGOMERY NO 1 (DESTORADA NO 1/ IRON BRIDGE)  
 CU(2)

41/J/06 46 26 14 083 09 11 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
 REL TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)

RESERVE: 1952 21,772 TONNES 1.580% CU  
 COMMENTS (EAST ZONE/ DESTORADA NO.1)  
 REFERENCE (NMI)

RESERVE: 1963 40,900 TONNES 1.960% CU  
 COMMENTS (EAST ZONE/ DESTORADA NO.1)  
 REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
 PG 17

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 / ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY

TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
 AND TECHNICAL FILES 63.2404 63.2709 & 63.2928  
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 1973  
 / ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-880

NORTH MONTGOMERY NO 2 (DESTORADA NO 2/ IRON BRIDGE)  
 CU(2)

41/J/06 46 26 15 083 09 20 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (105) DIP (75)  
 REL TO NIP, DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 43-44)

RESERVE: 1963 77,063 TONNES 3.230% CU  
 COMMENTS (CENTRAL ZONE/ DESTORADA NO.2)  
 REFERENCE (NMI)

RESERVE: 1952 72,574 TONNES 3.540% CU  
 COMMENTS (CENTRE ZONE/ DESTORADA NO.2)  
 REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
 PG 17

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 / ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
 TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
 AND TECHNICAL FILES 63.2404 63.2709 & 63.2928

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 / ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-881

NORTH MONTGOMERY NO 3 (DESTORADA NO 3/ IRON BRIDGE)  
 CU(2)

41/J/06 46 26 19 083 09 45 MONTGOMERY TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009001) NMI NUMBER (041/J/06/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (90)  
 REL TO NIP, DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 43-44/WNP FIELD)

RESERVE: 1952 61,688 TONNES 1.000% CU  
 COMMENTS (WEST ZONE/ DESTORADA NO.3)  
 REFERENCE (NMI)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 43-44  
 ROBERTSON, J.A. 1963  
 GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
 PG 17

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 / ODM TORONTO ASSESSMENT WORK LIBRARY/ MONTGOMERY  
 TP DRILL LOG REPORTS 1972 (DESTORADA MINES LTD)  
 AND TECHNICAL FILES 63.2402 63.2709 & 63.2928

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 / ODM SOURCE MINERAL DEPOSIT RECORD 000794

41-324

ALEXANDER  
CU(2)41/I/05 46 16 38 081 58 38 MAY TP/ LOT 4 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008524) NMI NUMBER (041/J/08/CU/004)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN CHERTY QTZITE)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SFLD ZONE 95M LONG/AVG WIDTH 3M)RESERVE: 1974 350,569 TONNES 0.880% CU  
REFERENCE (NMI/ 1974 NM AUG 15/ PG 8)

MAP(S) (GEOLOGICAL P702 ODM/GEOLOGICAL FIG46-6 BIB3)

-----  
DEVON RESOURCES/ FINANCIAL PDST SURVEY OF MINES  
1976/ PG 87-----  
1974  
DEVON RESOURCES/ THE NORTHERN MINER/ AUGUST 15  
1974/ PG 8/ \*G\*PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 298-300/ \*AC\*

41-325

TECK  
CU(7)41/J/10 46 42 38 082 42 23 VIEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008725)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS & FRACTURES IN ALTERED DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MISC PAPER 57/PG 88)

MAP(S) (GEOLOGICAL P304 ODM/GEOLOGICAL 2419 OGS)

KUSTRA, C.R. 1973  
ANN REPORT OF RESIDENT GEOLOGISTS SECTION  
GEOLOGICAL BRANCH/ ODM MISC PAPER 57/ PG 88/ \*C\*

41-333

CARIBOU CREEK  
CU(7) AU(7)41/J/11 46 35 40 083 18 15 JACKSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (CU COMMODITY FILE)  
CANMINDEX NUMBER (008729)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN SHEAR ZONE NEAR DIABASE DYKE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (PYRITE/MAGNETITE/MALACHITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 46)  
COMMENTS (3 GRAB SAMPLES/0.42% CU/1.36% CU&0.02 OZ/TON AU/  
0.56% CU&0.01 OZ/TON AU)

MAP(S) (GEOLOGICAL 2350 ODM/GEOLOGICAL 2419 OGS)

SIEMIATKOWSKA, K.M. 1977

GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 46

41-334

CHUB LAKE  
CU(7)41/J/11 46 30 06 083 21 55 GOULD TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2350)  
CANMINDEX NUMBER (008730)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS SLFD IN QTZ VEIN CUTTING LAMPROPHYRE DYKE)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 46)  
COMMENTS (VEIN 10FT LONG/3FT WIDE/GRAB SAMPLE ASSAYED 0.2%  
CU)

MAP(S) (GEOLOGICAL 2350 ODM/GEOLOGICAL 2419 OGS)

SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 46 5121/ PG 60/ \*CG\*

41-335

EAST CARIBOU LAKE-HARICO  
CU(7) U(7)41/J/11 46 35 52 083 13 07 JACKSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2350)  
CANMINDEX NUMBER (008731)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (UNDERLAIN BY GRANITIC RK CUT BY PEGMATITE & DIABASE)REMARKS (CU MINERALIZATION LOW GRADE AND ERRATIC/URANIUM  
IN PEGMATITES)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 48)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2350 ODM/GEOLOGICAL 2419 OGS)

SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 48/ \*AC\*

41-336

EAST CARIBOU LAKE-SOUTH SHORE  
CU(7)41/J/11 46 35 32 083 12 56 JACKSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2350)  
CANMINDEX NUMBER (008732)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN SHEAR ZONE NEAR DIABASE DYKE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (PYRITE/MAGNETITE/MALACHITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 46)  
COMMENTS (NEAR DIABASE DYKE)

MAP(S) (GEOLOGICAL 2350 ODM/GEOLOGICAL 2419 OGS)

SIEMIATKOWSKA, K.M. 1977

GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 46/ \*AC\*

41-337

RENNER NO 1  
CU(7) CO(7)41/J/11 46 36 38 083 15 40 JACKSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2350)  
CANMINDEX NUMBER (008733)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN FAULT IN METAGABBRO AND GRANITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE/ERYTHRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S))  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 151/PG 48-49)  
COMMENTS (AVG CU CONTENT LESS THAN 0.1%)

MAP(S) (GEOL P304 ODM/GEOL 2350 ODM)

SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 48-49

41-338

ANDOVER MINING  
CU(7)41/J/06 46 29 28 083 01 43 KAMICHISITIT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008718)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEINS CUTTING METASED ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S))  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 3-1960 GSC/GEOL 1415A GSC)

41-350

KELLY  
CU(6)41/I/04 46 13 00 081 53 30 HALLAM TP/ LOT 7 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009063) NMI NUMBER (041/I/04/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ-CALCITE VEIN SETS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (PECORS FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SETS)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)

MAP(S) (GEOL P105 ODM/GEOL 2361 ODM)

41-352

MCMILLAN MINE (HOUSE LAKE)  
AU(3) AG(3) CU(7) AS(7)41/I/04 46 08 23 081 47 53 MONGOWIN TP/ LOT 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009025) NMI NUMBER (041/I/04/AU/015)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS IN GOWGANDA FM SED ROCKS)

REMARKS (1934-37 10593 OZ AU/ 378 OZ AG FROM 60139 TONS ORE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (ARSENOPYRITE/PYRRHOTITE/CHALCOPYRITE/PYRITE/N.  
GOLD)  
GANGUE (QUARTZ/OTHER)  
VEIN TYPE (VEIN SETS/VEIN SWARM(S)) STRIKE (085)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 131/PG 53-55)  
COMMENTS (PROD 1934/2187 OZ AU & 84 OZ AG/AU IN FINE QTZ  
VEINLETS CUTTING ARSENOPYRITE)

MAP(S) (GEOL 2312 ODM/GEOL PG 40 BIBL 2)

ROBERTSON, J.A. 1972  
GEOLOGY AND SCENERY NORTH SHORE OF LAKE HURON  
REGION/ ODM GEOL GUIDE BOOK 4(REPRINTED 1975)/ PG  
114MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANNUAL REPORT/ VOL 38 PART 7 1929/ PG 39-46/  
\*AC\*RICKABY, H.C. 1936  
NOTES ON MONGOWIN TOWNSHIP AND VICINITY/ ODM ANN  
REPT/ VOL 44 PART 7 1935/ PG 57-60/ \*1\*CARD, K.D. 1976  
GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 53-55/ \*AC\*GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 77-78

41-353

NAIRN TP-LOT 9 CON 2  
CU(7) NI(7)41/I/05 46 17 53 081 39 24 NAIRN TP/ LOT 9 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2062)  
CANMINDEX NUMBER (009077) NMI NUMBER (041/I/05/CU/036)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD VEIN IN METAGABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (000)  
REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 35/PG 35)  
COMMENTS (GRAB SAMPLE 0.94% CU/0.74% NI/VEIN UP TO 3 FT  
WIDE/LENGTH 12 FT/MASSIVE SLFD)

MAP(S) (GEOL 2062 ODM/GEOL P668 ODM)

GINN, R.M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM  
GEOLOGICAL REPORT NO 35/ PG 35/ \*A\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280/ \*CG\*

41-354

ALANEN AND MAKI  
CU(7)41/I/05 46 25 21 081 31 41 DRURY TP/ LOT 9 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (009080) NMI NUMBER (041/I/05/CU/032)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS ALONG SILICIFIED METASED-METAVOLC CONTACT)

REMARKS (SEE ALSO NMI 41 I/5 U 10)



TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (CHERTY QUARTZITE)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (HURONIAN VOLCANIC ROCKS/MATINENDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 ALTERATION (SILICIFICATION)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 32)  
 COMMENTS (WIDTH APPROX 50 FT/LENGTH 500 FT)

MAP(S) (GEOL P668 ODM/GEOL 2055 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM  
 GEOLOGICAL REPORT NO 34/ PG 32/ \*A\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275

41-355

POND SHOWING NO 2  
 CU(7)

41/1/05 46 25 15 081 33 46 DRURY TP/ LOT 12 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANINDEX NUMBER (009081) NMI NUMBER (041/1/05/CU/031)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS IN SHEARED METAGABBRO & ADJ METASEDS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE/MCKIM FORMATION)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (065)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
 --ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM GR 24/PG 31)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM  
 GEOLOGICAL REPORT 34/ PG 31

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275

41-356

ALFORD  
 CU(7) NI(7) AG(7)

41/1/05 46 24 38 081 32 06 DRURY TP/ LOT 10 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
 CANINDEX NUMBER (009082) NMI NUMBER (041/1/05/CU/030)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM & MASSIVE SLFDS IN BRECCIATED METAGABBRO)

REMARKS (SEE ALSO NMI 41 1/5 U 3)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE)  
 GANGUE (OTHER)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 34/PG 32)

MAP(S) (GEOL P668 ODM/GEOL 2055 ODM)

CARD, K.D. 1965  
 GEOLOGY OF HYMAN DRURY TOWNSHIPS DISTRICT OF  
 SUDBURY/ ODM GEOL REPORT 34/ PG 32/ \*A\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275

41-357

LORNE TP-LOT 8 CON 4  
 CU(7)

41/1/05 46 19 43 081 31 15 LORNE TP/ LOT 8 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (009020)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SULPHIDES IN SHEAR ZONE IN MICACEOUS QUARTZITE)

REMARKS (POD 30 CM WIDE & 1 M LONG IN PIT)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MISSISSAGI FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (220) DIP (72)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (WNP FIELD DATA)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2361 ODM/GEOL 2062 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278-279/  
 \*A\*

GINN, R.M. 1965  
 GEOLOGY OF NAIRN & LORNE TOWNSHIPS/ ODM GEOL REPT  
 35/ PG 37/ \*AC\*

41-359

CRAZY CREEK  
 CU(7)

41/1/05 46 26 55 081 48 57 PORTER TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2011)  
 CANINDEX NUMBER (009084) NMI NUMBER (041/1/05/CU/028)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN QTZ VEINS CUTTING SHEARED METASEDIMENTS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MISSISSAGI FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (036) DIP (90)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 5/PG 32)  
 COMMENTS (GRAB SAMPLE/2.11% CU/SFLDS CONCENTRATED AT 2-FOLD  
 HINGES)

MAP(S) (GEOL 2011 ODM/GEOL 2361 ODM)

GINN, R.M. 1961  
 GEOLOGY OF PORTER TOWNSHIP/ ODM GEOLOGICAL REPORT  
 NO 5/ PG 32/ \*A\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281/ \*CG\*

41-360

NAIRN TP- LOT 8-9 CON 5  
 CU(7)

41/1/05 46 20 20 081 39 20 NAIRN TP/ LOT 8 & 9 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (009056) NMI NUMBER (041/1/05/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS WITH SLFDS CUTTING DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM VOL 38 PT 7/PG 33)  
 COMMENTS (VEINS ASSOC WITH PEGMATITIC PHASE IN DIABASE/GRAB  
 SAMPLE 0.82% CU)

MAP(S) (GEOLOGICAL 2062 ODM/GEOLOGICAL P668 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 33  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280

41-361

POND SHOWING NO 1  
CU(7) NI(7)

41/I/05 46 24 57 081 35 38 HYMAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (009086) NMI NUMBER (041/I/05/CU/026)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN SHEARED METAGABBRO & METASEDS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (050)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM GR 34/PG 31)

MAP(S) (GEOLOGICAL 2055 ODM/GEOLOGICAL P668 ODM)

CARD, K.D. 1965  
HYMAN AND DRURY TOWNSHIPS/ ODM GEOLOGICAL REPORT  
NO 34/ PG 31/ \*A\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278/ \*C\*

41-362

ESPANOLA BAY INLET  
CU(6)

41/I/05 46 20 36 081 44 30 BALDWIN TP/ LOT 5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009087) NMI NUMBER (041/I/05/CU/025)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEIN WITH SLFD CUTS GABBRO)

REMARKS (NO SURFACE EXPOSURE OF VEIN/ INTERSECTED BY  
DRILLING)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (DDH ALONG 50FT LENGTH/4.19% CU/8FT/0.48% CU/4.1FT  
& 1.01% CU/2.6FT)

MAP(S) (GEOLOGICAL 1952-1 ODM/GEOLOGICAL P668 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPT 1952 PT  
4/ VOL 61/ PG 30

----- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-364

SPRINGER (LOTS 9-10 CON 5) (MCKERROW/ UNITED COBALT/ ERIE)  
CU(7) AU(7) ZN(7)

41/I/05 46 20 17 081 46 50 BALDWIN TP/ LOTS 9-10 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (VEIN (LOT 9)/ ODM MAP 1952-1)  
CANMINDEX NUMBER (009050) NMI NUMBER (041/I/05/CU/012)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS & SILICIFIED ZONES IN VOLC & INTR ROCKS)

REMARKS (SEVERAL MINERALIZED VEINS ON LOTS 9-10)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE/CUBANITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SMALL MASSIVE SFLD POD APPROX 20FT LONG/UP TO 6FT  
WIDE)

MAP(S) (GEOLOGICAL 1952-1 ODM/GEOLOGICAL 2361 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPT 1952 PT  
4/ VOL 61/ PG 29/ \*AC\*

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 100

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272

HARDING, W.D. 1953  
PRELIMINARY REPT ON GROUND INVESTIGATIONS OF  
AEROMAGNETIC & AERORADIOACTIVE ANOMALIES/ ODM  
PREL REPT 1953-1/ PG 3 & 5

----- / ODM RESIDENT GEOLOGIST FILES/ SUDBURY

41-365

SHAKESPEARE MINE (VERMONT MINES LTD)  
AU(3) CU(7)

41/I/05 46 17 33 081 51 34 SHAKESPEARE TP/ LOT 5 CON 1 &  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009026) NMI NUMBER (041/I/05/AU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM SLFDS & QTZ VEINS IN QTZ-RICH METASEDS)

REMARKS (2 ZONES 250 FT APART/ ORE BODY CONFORMABLE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (N. GOLD/CHALCOPYRITE/PYRRHOTITE/PYRITE/  
ARSENOPYRITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (060) DIP (75)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 139/PG 39-40)  
COMMENTS (ORE ZONE CONFORMABLE WITH HOST ROCKS/LIMITED  
PRODUCTION 1903-07)

MAP(S) (GEOLOGICAL 2361 ODM/GEOLOGICAL 2313 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANNUAL REPT/ VOL 38 PART 7 1929/ PG 21-24/  
\*CI\*

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 96/ \*C\*

CARD, K.D. 1976  
GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPT 139/ PG 39/ \*AC\*

GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 82

41-366

HANOVER EXPLORATIONS LTD (SUTHERLAND CREEK)  
CU(6) CO(7)

41/I/05 46 23 09 081 47 28 PORTER TP/ CONC 1 & 2/ L 8-12  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2011)  
CANMINDEX NUMBER (009042) NMI NUMBER (041/I/05/CU/022)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (FAULT ZONE VEINS IN CONGLOMERATE NEAR GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (090)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 5/PG 32)

## COMMENTS (LENGTH 700 FT/WIDTH 120 FT/ERRATIC MINERALIZATION)

MAP(S) (GEOL 2011 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281/ \*CG+

GINN, R.M. 1961  
GEOLOGY OF PORTER TOWNSHIP/ ODM GEOLOGICAL REPORT  
NO 5/ PG 32/ \*A\*

THOMSON, J.E. 1960  
URANIUM AND THORIUM AT THE BASE OF THE HURONIAN  
SERIES IN THE SUDBURY DISTRICT/ ODM GEOLOGICAL  
REPORT NO 1

41-367

BALDWIN TP-LOT 11 CON 3  
CU(7)

41/1/05 46 18 30 081 48 30 BALDWIN TP/ LOT 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (009044) NMI NUMBER (041/1/05/CU/020)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEIN WITH SLFD CUTS DIORITE)

REMARKS (SMALL SHOWING)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
STRIKE (070)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM VOL 61/PT 4/PG 31)

MAP(S) (GEOL 1952-1 ODM/GEOL P668 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPORT/ VOL  
61 PT 4 1952/ PG 31/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272

41-368

BALDWIN TP-LOT 1 CON 2  
CU(7) NI(7)

41/1/05 46 19 00 081 41 50 BALDWIN TP/ LOT 1 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (009045) NMI NUMBER (041/1/05/CU/019)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN DIABASE (?))

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM VOL 61/PT 4/PG 31)  
COMMENTS (GRAB SAMPLE 0.37% NI/0.53% CU)

MAP(S) (GEOL 1952-1 ODM/GEOL P668 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPORT/ VOL  
61 PT 4 1952/ PG 31/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272

41-369

LORNE STATION  
CU(7) NI(7)

41/1/05 46 17 09 081 41 24 BALDWIN TP/ LOT 1 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 1952-1)  
CANINDEX NUMBER (009047) NMI NUMBER (041/1/05/CU/017)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFD STRINGERS IN DIORITE)

REMARKS (ZONE IS DEFORMED)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
GANGUE (OTHER)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM VOL 61/PT 4/PG 30)  
COMMENTS (SEVERAL PITS/GRAB SAMPLE 1.23% CU/0.16% NI)

MAP(S) (GEOL 1952-1 ODM/GEOL P668 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANN REPT 1952 PT  
4/ VOL 61 1952/ PG 30/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272

41-370

ROBB FARM  
CU(7) NI(7)

41/1/05 46 22 00 081 30 10 DRURY TP/ LOT 7 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (009048) NMI NUMBER (041/1/05/CU/016)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SMALL SLFD ZONES IN NIPPISING GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
GANGUE (OTHER)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM VOL 38/ PT 7/ PG 36-37)  
COMMENTS (VEIN-LIKE SEGREGATIONS IN METAGABBRO/GRAB SAMPLE  
0.26% CU/0.49% NI)

MAP(S) (GEOL P668 ODM/GEOL 2055 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 36-37

CARD, K.D. 1965  
GEOLOGY OF HYMAN AND DRURY TOWNSHIPS DISTRICT OF  
SUDBURY/ ODM GEOL REPORT 34/ PG 31/ \*A\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275

41-371

HARMER  
CU(7)

41/1/05 46 18 36 081 49 47 SHAKESPEARE TP/ LDT 2 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2313)  
CANINDEX NUMBER (009052) NMI NUMBER (041/1/05/CU/010)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN CHERTY QTZITE & SCHISTOSE METAPELITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION/HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 139/ PG 42-43)  
COMMENTS (LENSES/VEINS & STRINGERS OF QTZ WITH SLFDS)

MAP(S) (GEOL 2313 ODM/GEOL 2361 ODM)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 24-25

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 97

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282

CARD, K.D. 1976  
GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPT 139/ PG 42/ \*AC\*

41-372

DURET AND MACPHERSON  
CU(7)41/1/05 48 22 36 081 41 55 PORTER TP/ LOT 1-2 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ ODM MAP 2011)  
CANMINDEX NUMBER (009054) NMI NUMBER (041/1/05/CU/008)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN BRECCIATED QUARTZITE & SERICITE SCHIST)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
VEIN TYPE (VEIN BRECCIAS)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 5/PG 32)  
COMMENTS (LOW GRADE MINERALIZATION)

MAP(S) (GEOL 2011 ODM/GEOL 2361 ODM)

MOORE, E.S. 1930

ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 35

GINN, R.M. 1961

GEOLOGY OF PORTER TOWNSHIP/ ODM GEOL REPORT NO 5/  
PG 32/ \*A\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281

41-373

MCCAULEY  
CU(7)41/1/05 48 16 00 081 59 03 MAY TP/ LOT 5 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P668)  
CANMINDEX NUMBER (009057) NMI NUMBER (041/1/05/CU/004)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM VOL 38/PT 7/PG 33)

MAP(S) (GEOL 2361 ODM/GEOL P668 ODM)

MOORE, E.S. 1930

ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 27

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279

41-374

BISHOP/ FARMER (MCKEE)  
CU(6)41/1/05 46 16 29 081 56 45 MAY TP/ LOT 1 (N HALF) CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ WNP VERIFIED 1978)  
CANMINDEX NUMBER (009058) NMI NUMBER (041/1/05/CU/003)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (DISSEM SLFDS IN CHERTY QTZITE)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (STREAKS OF SLFDS IN CHERTY QTZITE WHICH FORMS  
CORE OF OVERTURNED ANTICLINE)

MAP(S) (GEOL P702 ODM/GEOL 2361 ODM)

---- 1906

/ ODM ANN REPORT/ VOL 15 1906/ PG 68

THOMSON, J.E. 1950

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM PRELIM REPORT 1950-4/ PG 5

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279

PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 300 (2 FIG 46-8)/ \*AC\*

41-376

SCOTT  
CU(6)41/1/05 48 16 39 081 58 03 MAY TP/ LOT 3 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (009060) NMI NUMBER (041/1/05/CU/001)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN CHERTY QTZITE)

REMARKS (EAST EXTENSION OF ALEXANDER)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (EAST EXTENSION OF ALEXANDER)

MAP(S) (GEOL P668 ODM/GEOL 2361 ODM)

MOORE, E.S. 1930

ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT/ VOL 38 PT 7 1929/ PG 27

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279/ \*CG\*

41-378

MEAT BIRD LAKE  
CU(7)41/1/06 46 26 30 081 08 45 WATERS TP/ LOT 7 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009067) NMI NUMBER (041/1/06/CU/011)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)REMARKS (COPPER OCCURRENCE REPORTED IN 1890/ NOT SHOWN ON  
RECENT MAPS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)

MAP(S) (GEOL 2119 ODM/GEOL 2170 ODM)

----

/ REPORT ON THE ROYAL COMMISSION ON THE MINERAL  
RESOURCES OF ONTARIO-TORONTO 1890/ PG 24 & 433

41-379

CENTURY  
CU(7) NI(7) CO(7) AS(7)41/1/06 46 25 06 081 13 10 GRAHAM TP/ LOT 4 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (009070) NMI NUMBER (041/1/06/CU/008)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISSEM SLFDS IN BIOTITE AND HORNBLende SCHIST)REMARKS (DANAITE LOCALITY/ SOME MINERALIZATION ALSO IN  
METASED RKS)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (SULPH FE FORMATION)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (HURONIAN VOLCANIC ROCKS)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE/DANAITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

MAP(S) (GEOL P203 ODM/GEOL 2119 ODM)

BARLOW, A.E. 1904  
 NICKEL AND COPPER DEPOSITS OF THE SUDBURY MINING  
 DISTRICT/ GSC ANN REPORT 1901 VOL 14 PART H/ PG  
 105 & 160

JOHNSON, R.A. 1915  
 A LIST OF CANADIAN MINERAL OCCURRENCES/ GSC  
 MEMOIR 74/ PG 61

HURST, M.E. 1927  
 ARSENIC-BEARING DEPOSITS IN CANADA/ GSC ECON GEOL  
 SERIES NO 4/ PG 97  
 BURROWS, A.G. 1935  
 SUDBURY NICKEL FIELD RESTUDIED/ ODM ANN REPT/ VOL  
 43 PT 2 1934

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276  
 CARD, K.D. 1968  
 GEOLOGY OF THE DENISON-WATERS AREA DISTRICT OF  
 SUDBURY/ ODM GEOL REPORT NO 60/ PG 59

41-380

RAMSEY LAKE  
 CU(7) NI(7)

41/I/06 46 28 30 081 00 05 MCKIM TP/ LOT 6 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (009071) NMI NUMBER (041/I/06/CU/007)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFD PDD IN NIPissing GABBRO)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPissing DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (NMI)  
 COMMENTS (MINDR OCCURRENCE)

MAP(S) (GEOL 1956-1 ODM/GEOL 2170 ODM)

COLEMAN, A.P. 1905  
 THE SUDBURY NICKEL REGION/ ODM ANN REPT 1905/ VOL  
 14/ PT 3/ PG 78

41-381

RIOPELLE  
 CU(7) NI(7) AU(7)

41/I/06 46 25 41 081 24 00 DENISON TP/ LOT 9 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2119)  
 CANMINDEX NUMBER (009072) NMI NUMBER (041/I/06/CU/006)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (?)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

MAP(S) (GEOL P669 ODM/GEOL 2119 ODM)

-----  
 / REPORT OF THE ROYAL COMMISSION ON THE MINERAL  
 RESOURCES OF ONTARIO-TORONTO 1917/ PG 105-106

-----  
 / REPORT OF THE ROYAL ONTARIO NICKEL  
 COMMISSION-TORONTO 1917/ PG 40

41-383

MCCONNELL  
 CU(7) NI(7)

41/I/06 46 25 26 081 25 05 DENISON TP/ LOT 11 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2119)  
 CANMINDEX NUMBER (009074) NMI NUMBER (041/I/06/CU/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN NORITE BRECCIA)

REMARKS (ALONG SUDBURY IRRUPTIVE CONTACT)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

----- 1917  
 / REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION  
 TORONTO 1917/ PG 40/ 189  
 CARD, K.D. 1968  
 GEOLOGY OF THE DENISON-WATERS AREA/ ODM GEOL REPT  
 60/ PG 55

41-384

ROSS AND CAMERON LAKES (SUDBURY LODGE MINES)  
 CU(5) PB(7) ZN(7) AU(7)

41/I/06 46 30 00 081 28 30 TRILL TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NMI)  
 CANMINDEX NUMBER (009076) NMI NUMBER (041/I/06/CU/001)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN SHEAR ZONES)

REMARKS (TWO SHOWINGS IN AREA)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (WHITEWATER GROUP)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/GALENA)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)  
 COMMENTS (WIDESPREAD MINERALIZATION BUT GENERALLY LOW GRADE/  
 ASSAYS UP TO 2.80% CU)

MAP(S) (GEOL 292A GSC/GEOL 1956-1 ODM)

THOMSON, J.E. 1957  
 GEOLOGY OF THE SUDBURY BASIN/ ODM ANN REPORT/ VOL  
 65 PART 3 1956/ \*A\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282

41-385

BALDWIN (TURPEINEN)  
 CU(7)

41/I/05 46 18 50 081 46 00 BALDWIN TP/ LOT 8 CONC 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (NMI)  
 CANMINDEX NUMBER (009043) NMI NUMBER (041/I/05/CU/021)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (DISSEM SLFDS IN BASIC METAVOLCANICS)

REMARKS (SEVERAL ZONES/ LARGEST IS 200 FT LONG/ 80 FEET  
 WIDE)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (SULPH FE FORMATION)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (HURONIAN VOLCANIC ROCKS)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 STRIKE (060)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM VOL 61/PT 4/PG 31)  
 COMMENTS (LARGEST MINERALIZED ZONE 200FT LONG/80FT WIDE/  
 SLFDS COMPRISE 5-10% OF ROCK)

MAP(S) (GEOL 1952-1 ODM/GEOL P49 ODM)

THOMSON, J.E. 1953  
GEOLOGY OF BALDWIN TOWNSHIP/ ODM ANNUAL REPORT/  
VOL 61 PT 4 1952/ PG 31/ \*A\*

HARDING, W.D. 1953  
PRELIMINARY REPORT ON GROUND INVESTIGATIONS OF  
AEROMAGNETIC ANOMALIES/ ODM PRELIMINARY REPORT  
1953-1/ PG 3 & 6

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272

----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-386

JOHNSTON TP-LOT 7 CON 3  
CU(7) U(7)

41/J/05 46 22 55 083 54 08 JOHNSTON TP/ LOT 7 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009016)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD-PITCHBLEND E ALONG DIABASE-QUARTZITE CONTACT)

REMARKS (RADIOACTIVITY LOCALLY UP TO 50 TIMES BACKGROUND#)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE/PITCHBLEND E)  
GANGUE (QUARTZ)  
ALTERATION (HEMATIZATION/SILICIFICATION)  
STRIKE (090)  
REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (WNP FIELD DATA)

MAP(S) (GEOLOG 1414A GSC/GEOL P303 ODM)

41-387

REUBEN MCKEE  
CU(3)

41/J/11 46 33 58 083 27 58 OTTER TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009012) NMI NUMBER (041/J/11/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARBONATE-SLFD-QTZ VEIN CUTTING GOWGANDA FM)

REMARKS (1000 TONS MINED IN 1976)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (260) DIP (80)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MISC PAPER 60/PG 155)  
COMMENTS (VEIN 5-7FT WIDE/500-600FT LONG)

MAP(S) (GEOLOG P737 ODM/GEOL P304 ODM)

RUPERT, R.J. 1974  
ANNUAL REPORT OF RESIDENT GEOLOGISTS SECTION 1973/  
ODM MISC PAPER 57/ PG 88-89

GIBLIN, P.E. 1975  
ANNUAL REPORT OF REGIONAL AND RESIDENT GEOLOGISTS  
1974/ ODM MISC PAPER 60/ PG 155

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103

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1973  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1309

CHANDLER, F.W. 1976  
GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
REPT 155/ PG 35-36

41-388

BURDEN LAKE-1  
CU(7) CO(7)

41/J/11 46 34 30 083 27 58 OTTER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (004808) NMI NUMBER (041/J/11/CU/004)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QUARTZ-CARBONATE VEIN CUTS DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (130)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 155/PG 33)  
COMMENTS (LOW GRADE MINERALIZATION)

MAP(S) (GEOLOG P737 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103

----  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-810

CHANDLER, F.W. 1976  
GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
REPT 155/ PG 33

41-389

CASSON TP  
CU(7)

41/J/11 46 32 02 083 26 21 CASSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ROAD CUT/W PEARSON VERIFIED-77)  
CANMINDEX NUMBER (009008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SULPHIDES ALONG FRACTURES IN GOWGANDA ARGILLITE)

REMARKS (UNCOVERED DURING HIGHWAY CONSTRUCTION 1977)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
VEIN TYPE (VEIN SETS)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (WNP FIELD DATA)  
COMMENTS (ERRATIC MINERALIZATION)

MAP(S) (GEOLOG P737 ODM/GEOL P304 ODM)

41-390

AWERES SHOWING  
CU(7)

41/K/09 46 37 23 084 18 25 AWERES TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009019)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VUGGY QRTZ/CARB VEINS WITH CHALCOPYR CUT GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (030) DIP (90)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOG 2419 OGS/GEOL 1412A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*1\*

41-391

TROUT LAKE  
CU(7) FE(7)41/K/09 46 37 12 084 16 30 AWERES TP/ SEC 32  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008576) NMI NUMBER (041/K/09/CU/005)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS WITH SLFD CUT GRANITE-SCHIST COMPLEX)REMARKS (LARGE XENOLITH OF MAGNETITE FE FM IN GRANITE  
GNEISS CLOSE BY)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (CHALCOPYRITE/MAGNETITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (EXPLORED AS FE PROSPECT)

MAP(S) (GEOL 1412A GSC/GEOL 2419 OGS)

MCCONNELL, R.G. 1927  
SAULT STE MARIE AREA DISTRICT OF ALGOMA/ ODM ANN  
REPT/ VOL 35 PT 2 1926/ PG 46COLEMAN, A.P. 1900  
IRON RANGES OF THE LOWER HURONIAN/ ODM ANNUAL  
REPORT/ VOL 9 1900/ PG 187COLEMAN, A.P. 1914  
THE PRECAMBRIAN ROCKS NORTH OF LAKE HURON/ ODM  
ANNUAL REPORT/ VOL 23 1914 PART 1/ PG 207SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*1\*

41-392

RANKIN  
CU(7)41/K/09 46 34 00 084 14 00 RANKIN LOCATION  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008575) NMI NUMBER (041/K/09/CU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN GREENSTONE SCHIST INCLUSIONS IN GRANITE)

REMARKS (VEINS VERY ERRATIC)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN UNDIFFERENTIATED/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM VOL 35/PT 2/PG 46)  
COMMENTS (VEINS IRREGULAR AND LOW GRADE)

MAP(S) (GEOL 1181A GSC/GEOL 2419 OGS)

---- 1978  
/ GSC SUMMARY REPT 1876-1877/ PG 212MCCONNELL, R.G. 1927  
SAULT STE MARIE AREA DISTRICT OF ALGOMA/ ODM ANN  
REPT 1926 PART 2/ VOL 35/ PG 46SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*C\*

41-393

TROTTER LAKE  
CU(7)41/K/09 46 34 36 084 00 12 GARDEN RIVER INDIAN RESERVE  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008577) NMI NUMBER (041/K/09/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEINS CUTTING CHLORITIC ARGILLITE)REMARKS (SHOWING ON W EXTENSION OF AUSTIN VEIN(41J/12 CU  
002))TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE/MOLYBDENITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (060)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)

MAP(S) (GEOL 1412 A GSC/GEOL 2419 OGS)

HAY, R.E. 1963  
THE GEOLOGY OF THE SAULT STE MARIE MAP-AREA/  
UNPUBLISHED PHD THESIS/ MCGILL UNIVERSITY 1963/  
PG 308

41-394

ECHO LAKE  
CU(7)41/K/09 46 31 48 084 01 24 KEHOE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008565) NMI NUMBER (041/K/09/CU/003)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1412A GSC/GEOL 2419 OGS)

41-397

DUNCAN TP (RANSON CREEK)  
CU(7)41/K/09 46 36 10 084 03 26 DUNCAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
CANMINDEX NUMBER (008572) NMI NUMBER (041/K/09/CU/008)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2419 OGS/GEOL 1412A GSC)

MCCONNELL, R.G. 1927  
SAULT STE MARIE AREA DISTRICT OF ALGOMA/ ODM ANN  
REPT 1926 PART 2/ VOL 35/ PG 46SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*1\*

41-398

AWERES TP  
CU(7)41/K/09 46 37 03 084 14 40 AWERES TP/ SEC 35 SE 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P303)  
CANMINDEX NUMBER (008574) NMI NUMBER (041/K/09/CU/011)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)

## COMMENTS (MINOR OCCURRENCE)

MAP(S) {GEOL P303 ODM/GEOL 1412A GSC}

MCCONNELL, R.G. 1927  
SAULT STE MARIE AREA DISTRICT OF ALGOMA / ODM ANN  
REPT 1926 PART 2/ VOL 35/ PG 46  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MIN RES CIRC 12/ PG 100/ \*C\*

41-400

JARVIS TP (RESERVE LAKE)  
CU(7)

41/K/09 46 38 50 084 10 47 JARVIS TP SW 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1412A)  
CANMINDEX NUMBER {008569} NMI NUMBER {041/K/09/CU/016}

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 102)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) {GEOL 2419 OGS/GEOL 1412A GSC}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*1\*

41-401

PATTERSON  
CU(7)

41/K/09 46 40 25 084 07 03 JARVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P303)  
CANMINDEX NUMBER {008570} NMI NUMBER {041/K/09/CU/017}

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 102)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) {GEOL 2419 OGS/GEOL 1412A GSC}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*1\*

41-402

ROBERTSON  
CU(7) AU(7) NI(7)

41/K/16 46 48 49 084 14 06 TUPPER TP/ SEC 1  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER {008594} NMI NUMBER {041/K/16/CU/001}

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN SHEARED GREENSTONE INCLUSION IN GRANITE)

REMARKS (MAPREF 1 IS SEARCHMONT-SSM/ALGOMA CENTRAL &  
HUDSON BAY RAILWAY CO 1964)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN UNDIFFERENTIATED/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/BORNITE/PYRITE)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (ZONE 4FT WIDE)

MAP(S) {GEOL 1964 ACR/GEOL P302 ODM}

MCCONNELL, R.G. 1927

SAULT STE MARIE DISTRICT OF ALGOMA/ ODM ANN  
REPORT/ VOL 35 PT 2 1926/ PG 46-47

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105

41-404

GAUDETTE TP  
CU(7)

41/K/16 46 52 22 084 04 56 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER {008585} NMI NUMBER {041/K/16/CU/004}

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (110)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (VEIN 2FT WIDE/SOFT LONG/ON PROJECTED STRIKE OF  
KRISTINA MINE)

MAP(S) {GEOL P302 ODM/GEOL 2419 OGS}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-33

41-405

GAUDETTE TP  
CU(7)

41/J/13 46 52 36 083 59 48 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER {008586} NMI NUMBER {041/K/16/CU/005}

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) {GEOL P302 ODM/GEOL 2419 OGS}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILE/ SSM-1330

41-406

GRATTON  
CU(7) MO(7)

41/K/16 46 48 09 084 03 13 GAUDETTE TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER {008587} NMI NUMBER {041/K/16/CU/006}

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)

REMARKS (TWO VEINS 800 FT APART)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE/MOLYBDENITE)



GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (200) DIP (25)  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 100)  
 COMMENTS (VEIN 41N-6FT WIDE/LENGTH NOT RECORDED)  
 MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL P302 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C\*  
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 / ODM RESIDENT GEOLOGISTS FILE/ SSM-1123

41-408

SHIELDS TP  
 CU(7)

41/K/16 46 48 18 084 08 24 SHIELDS TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P302)  
 CANMINDEX NUMBER (008589) NMI NUMBER (041/K/16/015)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINLET IN GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 104)  
 COMMENTS (VERY MINDR OCCURRENCE)

MAP(S) (GEOLOGICAL P302 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*  
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 / ODM RESIDENT GEOLOGISTS FILE/ SSM-1123

41-409

VANKOUGHNET TP (ROBERTSON LAKE(NE OF))  
 CU(6) AG(6) AU(6)

41/K/16 46 47 45 084 14 22 VANKOUGHNET TP/ SEC 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P302)  
 CANMINDEX NUMBER (008590) NMI NUMBER (041/K/16/013)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (VEIN)

REMARKS (3/4 MILE NE OF ROBERTSTON LAKE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 105)  
 COMMENTS (CHIP SAMPLE ASSAYED 2.30% CU/1.54 OZ/TON AG &  
 0.03 OZ/TON AU/40IN)

MAP(S) (GEOLOGICAL P302 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*  
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 / ODM RESIDENT GEOLOGISTS FILE/ SSM-25

41-410

VANKOUGHNET TP  
 CU(7)

41/K/09 46 43 59 084 13 20 VANKOUGHNET TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008591) NMI NUMBER (041/K/09/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS)

REMARKS (VEINS UP TO 6 INS WIDE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (300) DIP (60)  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 105)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL 1412A GSC)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*  
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 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1124

41-412

QUINTET LAKE (MOOSE LAKE)  
 CU(7)

41/N/01 47 07 42 084 13 51 OLSEN TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
 CANMINDEX NUMBER (008605) NMI NUMBER (041/N/01/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS IN ALTERED SED RKS NEAR GRANITIC INTRUS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METASEDIMENTARY ROCKS)  
 ORE MNRLS (PYRITE/CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM VOL 35 PT 2/PG 85)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL P363 ODM/GEOLOGICAL 2251 ODM)

MOORE, E.S. 1927  
 BATCHAWANA AREA DISTRICT OF ALGOMA/ ODM ANN  
 REPORT/ VOL 35 PT 2 1926/ PG 85

41-413

ADELAIDE LAKE  
 CU(7)

41/N/01 47 04 24 084 19 30 OLSEN TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008596) NMI NUMBER (041/N/01/003)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
 GEOLOGY (IN MAFIC-INTERMEDIATE METAVOLCANICS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 REL. TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (NMI)

MAP(S) (GEOLOGICAL P363 ODM/GEOLOGICAL 2251 ODM)

41-414

DICK LAKE  
 CU(7)

41/N/01 47 07 00 084 22 06 NORBERG TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (008599) NMI NUMBER (041/N/01/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFD IN QTZ VEIN)

REMARKS (MAPREF1-BATCHAWANA-HUBERT 41N/1&8 PREP FOR ALGOMA  
 CENTRAL RAILWAY 1964)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN UNDIFFERENTIATED)

GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 41N/128 ACR/GEOLOGICAL P359 ODM)

41-415

OLSEN TP  
CU(7)

41/N/01 47 05 23 084 18 46 OLSEN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (008602) NMI NUMBER (041/N/01/01/008)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFD IN IRON FORMATION)

REMARKS (SEVERAL SMALL SHOWINGS IN AREA/ SEE 41 N/01/ CU 001)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/MAGNETITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (SEVERAL SMALL OCCURRENCES)

MAP(S) (GEOLOGICAL P363 ODM/GEOLOGICAL 2251 ODM)

41-416

RYAN TP  
CU(7)

41/N/02 47 03 08 084 38 08 RYAN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008603) NMI NUMBER (041/N/01/01/010)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN ARCHEAN METAVOLC ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-1167

41-417

RYAN TP (NE 1/4)  
CU(7)

41/N/02 47 03 16 084 36 55 RYAN TP (NE 1/4)  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (008604) NMI NUMBER (041/N/01/01/011)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFD SEAMS ALONG FOLIATION IN METAVOLC ROCKS)

REMARKS (VEINS ERRATIC AND VERY SMALL)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-420

TRIBAG  
W(2) CU(3) AG(3) AU(3) MO(8) ZN(8) PB(8)

41/N/02 47 05 09 084 30 30 NICOLET TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (BRETON ZONE/ PEARSON VERIF 77)  
CANMINDEX NUMBER (008624) NMI NUMBER (041/N/02/01/005)

CU DEPOSIT TYPE (PORPHYRY)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (BRECCIA PIPES WITH QTZ-CARBONATE-SLFD MATRICES)

REMARKS (4 ZONES/ PRODUCTION 1967-1973 FROM BRETON & WEST BRECCIAS)

TYPE (PORPHYRY)

SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
MARCASITE/MOLYBDENITE/SCHAEERITE)  
GANGUE (QUARTZ/CALCITE/BARITE/OTHER)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ECON GEOL VOL 64/PG 551-563)  
COMMENTS (BRETON/WEST/EAST AND SOUTH BRECCIAS)

PRODUCTION: 1967 TO 1972 900,369 TONNES ORE

1.710% CU  
COMMENTS (AG INCOMPLETE FIGURES)

REFERENCE (NMI)  
PRODUCTION: 1967 TO 1971 726,332 TONNES ORE

1.736% CU 0.016% T AU 10.52G/T AG

COMMENTS (CALC GRADE)  
REFERENCE (ODM SMDR 000849)

PRODUCTION: 1967 TO 1974 1,104,681 TONNES ORE

1.530% CU  
COMMENTS (CALC GRADE)

REFERENCE (ODM SMDR 000849)

RESERVE: 1968 929,864 TONNES 2.310% CU

COMMENTS (H ZONE)

REFERENCE (NMI)

RESERVE: 1968 544,310 TONNES 2.200% CU

COMMENTS (POSITIVE RESERVES)

REFERENCE (NMI)

RESERVE: 1982 907,184 TONNES

COMMENTS (0.18% W IN TAILINGS PILE)

REFERENCE (N. MINER NOV 25 1982/ PG A3)

RESERVE: 1982 90,718 TONNES

COMMENTS (0.8% W (RANGE OF 0.6% TO 1.0%))

REFERENCE (N. MINER NOV 25 1982/ PG A3)

MAP(S) (GEOLOGICAL P361 ODM/GEOLOGICAL FIG 1 BIBL 2)

ARMBRUST, G. A. 1969  
HYDROTHERMAL ALTERATION OF A BRECCIA PIPE DEPOSIT

TRIBAG MINE BATCHAWANA BAY ONTARIO/ ECON GEOL VOL

64/ PG 551-563

BLECHA, M. 1965

GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET

TRANS VOL 68/ PG 321-326/ \*AC\*

BLECHA, M. 1969

THE ORIGIN OF THE BRETON BRECCIA BATCHAWANA AREA

ONTARIO/ UNPUBLISHED PHD THESIS MCGILL UNIVERSITY

1969

BLECHA, M. 1974

BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY

COPPER DISTRICT/ CAN INST MINING MET BULL/ VOL 67

NO 748/ PG 71-76/ \*AC\*

GIBLIN, P. E. 1966

RECENT EXPLORATION AND MINING DEVELOPMENT IN THE

BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/

PG 77-80/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/

ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 80/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-247 TO 253/

-635/-894

41-423

TRIBAG MINE-BRETON BRECCIA  
CU(3) AG(3) AU(3) MO(7) ZN(8) PB(8)

41/N/02 47 05 09 084 30 30 NICOLET TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008624) NMI NUMBER (041/N/02/01/005)

CU DEPOSIT TYPE (PORPHYRY)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
GEOLOGY (BRECCIA PIPE WITH QTZ-CARBONATE-SLFD MATRIX)

REMARKS (3 OR 4 MAJOR ORE ZONES/ SEE ALSO NMI 41 N 2 CU 32)

TYPE (PORPHYRY)

SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
 MARCASITE/MOLYBDENITE/SCHHEELITE)  
 GANGUE (QUARTZ/CALCITE/BARITE/OTHER)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ECON GEOL VOL 64/PG 551-563)  
 COMMENTS (BRETON PIPE 1300FT LONG/400FT WIDE AT SURFACE/  
 WIDENS SLIGHTLY W DEPTH/DDH-2175FT)

RESERVE: 1968 2,267,961 TONNES 1.570% CU  
 COMMENTS (BRETON BRECCIA/ SOME AG)  
 REFERENCE (NMI)  
 RESERVE: JUL/1965 2,983,709 TONNES 1.750% CU  
 COMMENTS (BRETON BRECCIA)  
 REFERENCE (CAN MIN JOUR/ V 87 NO 4/ PG 79)  
 RESERVE: DEC/1967 67,632 TONNES 1.750% CU  
 COMMENTS (BRETON BRECCIA/RECOVERABLE MOS)  
 REFERENCE (NMI)

MAP(S) (GEOL P361 ODM/GEOL FIG 3 BIBL4)

ARMBRUST, G.A. 1969  
 HYDROTHERMAL ALTERATION OF A BRECCIA PIPE DEPOSIT  
 TRIBAG MINE BATCHAWANA BAY ONTARIO/ ECON GEOL VOL  
 64/ PG 551-563

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 TRANS VOL 68/ PG 321-326/ \*AC\*

BLECHA, M. 1969  
 THE ORIGIN OF THE BRETON BRECCIA BATCHAWANA AREA  
 ONTARIO/ UNPUBLISHED PHD THESES MCGILL UNIVERSITY  
 1969

BLECHA, M. 1974  
 BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MINING MET BULL VOL 67  
 NO 748/ PG 71/ \*AC\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENT IN THE  
 BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/  
 PG 77-80/ \*AC\*

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 80/ \*CG\*

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 / ODM RESIDENT GEOLOGIST FILES/ SSM-247 TO -253/  
 -635/ -894

41-424

TRIBAG MINE-WEST BRECCIA  
 CU(3) AG(3) AU(8) W(8) PB(8) ZN(8)

41/N/02 47 04 51 084 30 36 TOWNSHIP 28 RANGE 13  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (008624) NMI NUMBER (041/N/02/CU/005)

CU DEPOSIT TYPE (PORPHYRY)  
 CU DEPOSIT STATUS (PAST PRODUCER)  
 CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
 GEOLOGY (BRECCIA PIPE WITH QTZ-CARBONATE-SLFD MATRIX)

TYPE (PORPHYRY)

SIZE (10,000 - 100,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
 MARCASITE/MOLYBDENITE/SCHHEELITE)  
 GANGUE (QUARTZ/CALCITE/BARITE/OTHER)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ECON GEOL VOL 64/PG 551-563)  
 COMMENTS (WEST BRECCIA 2000FT LONG/700FT WIDE AT SURFACE)

RESERVE: DEC/1971 429,688 TONNES 1.600% CU  
 COMMENTS (BRETON & WEST BRECCIAS)  
 REFERENCE (NMI)  
 RESERVE: DEC/1972 156,307 TONNES 1.420% CU  
 COMMENTS (BRETON & WEST BRECCIAS)  
 REFERENCE (NMI)

MAP(S) (GEOL P361 ODM/GEOL 2251 ODM)

BLECHA, M. 1974  
 BATCHAWANA AREA A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MIN MET BULL/ NO 748  
 VOL 67/ \*AC\*

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 BULL VOL 58/ PG 1077-1082/ \*AC\*

PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 303/ \*1\*

41-425

TRIBAG-SOUTH BRECCIA  
 CU(7) MO(7)

41/N/02 47 05 10 084 30 07 NICOLET TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANINDEX NUMBER (008624) NMI NUMBER (041/N/02/CU/033)

CU DEPOSIT TYPE (PORPHYRY)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
 GEOLOGY (BRECCIA ZONE WITH QTZ-CARBONATE-SLFD MATRIX)

REMARKS (NEAR CONTACT OF GREENSTONE &amp; GRANITE)

TYPE (PORPHYRY)

SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/PYRRHOTITE/  
 MARCASITE/MOLYBDENITE/SCHHEELITE)  
 GANGUE (QUARTZ/CALCITE/BARITE/OTHER)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ECON GEOL VOL 64/PG 551-563)

MAP(S) (GEOL P361 ODM/GEOL 2251 ODM)

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MIN MET BULL  
 VOL 58/ PG 1077-1082/ \*AC\*

41-426

TRIBAG-EAST BRECCIA ZONE  
 CU(2) MO(2) AG(8)

41/N/01 47 05 31 084 28 42 NICOLET TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
 CANINDEX NUMBER (008624) NMI NUMBER (041/N/02/CU/032)

CU DEPOSIT TYPE (PORPHYRY)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (STOCKWORK/BRECCIA PIPE)  
 GEOLOGY (BRECCIA ZONE AT CONTACT OF GRANITE & METAVOLC RKS)

REMARKS (SEE ALSO NMI 41 N 1 CU 7)

TYPE (PORPHYRY)

SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/MOLYBDENITE)  
 GANGUE (QUARTZ/CARBONATE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (CIM BULL VOL 67/NO 748)  
 COMMENTS (ZONE 2000FT LONG/1000FT WIDE/DEPTH UNKNOWN)

RESERVE: 1974 113,398,092 TONNES 0.130% CU  
 0.024% MO  
 COMMENTS (MINOR BUT RECOVERABLE AG)  
 REFERENCE (CIM BULL/ VOL 67 NO 748/ PG 71)  
 RESERVE: 1974 3,878,214 TONNES 0.270% CU  
 0.024% MO  
 COMMENTS (HIGHER GRADE ZONE)  
 REFERENCE (CIM BULL/ VOL 67 NO 748/ PG 71)

MAP(S) (GEOL P361 ODM/GEOL FIG 3 BIBL 3)

BLECHA, M. 1965  
 GEOLOGY OF THE TRIBAG MINE/ CAN INST MINING MET  
 BULL VOL 58/ PG 1077-1082/ \*AC\*

GIBLIN, P.E. 1966  
 RECENT EXPLORATION AND MINING DEVELOPMENT IN THE  
 BATCHAWANA AREA OF ONTARIO/ CAN MINING JOUR APRIL/  
 PG 77-80/ \*AC\*

BLECHA, M. 1974  
 BATCHAWANA AREA-A POSSIBLE PRECAMBRIAN PORPHYRY  
 COPPER DISTRICT/ CAN INST MIN MET BULL/ VOL 67 NO  
 748/ PG 71/ \*AC\*

41-421

LUTZ VEIN  
 CU(7)

41/N/02 47 02 46 084 45 38 MCDONNELL LOCATION  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
 CANINDEX NUMBER (004811) NMI NUMBER (041/N/02/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT KEWEENAWAN ROCKS)

REMARKS (ZONE 500 FEET LONG)

TYPE (VEIN/REPLACEMENT)

SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS}  
 VEIN TYPE {VEIN SWARM(S)} STRIKE {010}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM MRC 12/PG 104}

MAP(S) {GEOL 2251 ODM/GEOL 1953-1 ODM}

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANN REPT 1953 PT 4/ VOL 62/ PG 22/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-422

L ZONE  
 CU(7)

41/N/02 47 02 39 084 45 38 MCDONNELL LOCATION  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED {5} COMMENTS {TRENCH/ W PEARSON VERIFIED 77}  
 CANMINDEX NUMBER {004810} NMI NUMBER {041/N/02/CU/011}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-CARBONATE-SLFD VEINS CUT KEWEENAWAN ROCKS}

REMARKS {ZONE 300 FEET LONG}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {KEWEENAWAN VOLCANICS/KEWEENAWAN SEDIMENTS}  
 ORE MNRLS {CHALCOPYRITE}  
 GANGUE {QUARTZ}  
 VEIN TYPE {VEIN SWARM(S)/VEIN BRECCIAS} STRIKE {200} DIP {28}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {WNP FIELD DATA}

MAP(S) {GEOL 2251 ODM/GEOL 1953-1 ODM}

THOMSON, J.E. 1954  
 GEOLOGY OF THE MAMAINSE POINT COPPER AREA/ ODM  
 ANN REPT 1953 PT 4/ VOL 62/ PG 22/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-428

MCDONNELL LOCATION  
 CU(7)

41/N/02 47 04 14 084 42 02 MCDONNELL LOCATION  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED {S} COMMENTS {ODM MAP 2251}  
 CANMINDEX NUMBER {008618} NMI NUMBER {041/K/02/CU/001}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {CHALCOCITE IN QTZ VEIN}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CC-BN-NATIVE CU}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN UNDIFFERENTIATED}  
 ORE MNRLS {CHALCOCITE}  
 GANGUE {QUARTZ}  
 VEIN TYPE {SIMPLE VEIN(S)}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 103}  
 COMMENTS {SPARSE MINERALIZATION}

MAP(S) {GEOL 2419 OGS/GEOL P302 ODM}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-1371

41-429

RANSON  
 CU(7)

41/N/02 47 02 29 084 36 55 RYAN TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {PIT/ ODM MAP 2251}  
 CANMINDEX NUMBER {008619} NMI NUMBER {041/N/02/CU/012}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}

GEOLOGY {QTZ-CARBONATE-SLFD VEINS CUT MAFIC METAVOLCANICS}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METAVOLCANIC ROCKS}  
 ORE MNRLS {CHALCOPYRITE/MAGNETITE}  
 GANGUE {QUARTZ/CARBONATE}  
 VEIN TYPE {UNCERTAIN OR OTHER}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 104}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL 2251 ODM/GEOL 2419 OGS}

---- / ODM ANNUAL REPORT/ VOL 35 PT 2 1926/ PG 80  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-430

DENVIC LAKE  
 CU(7)

41/J/01 46 13 18 082 18 00 VICTORIA TP/ SEC 19 SE 1/4  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED {S} COMMENTS {ODM MAP P377}  
 CANMINDEX NUMBER {008439} NMI NUMBER {041/J/01/CU/005}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {NIPPISING DIABASE}  
 ORE MNRLS {CHALCOPYRITE/PYRITE}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/ PG 105}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL P377 ODM/GEOL 2419 OGS}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*1 \*

41-431

LAKE GENEVA MINE  
 PB(3) ZN(3) AG(3) AU(3) CU(7)

41/I/13 46 47 25 081 30 54 HESS TP/ LOT 7 CON 6  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {SHAFT/ W PEARSON VERIFIED 1978}  
 CANMINDEX NUMBER {008401} NMI NUMBER {041/I/13/PB/001}

CU DEPOSIT TYPE {VOLCANIC EXHALATIVE}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN VOLCANIC ROCKS}  
 GEOLOGY {TABULAR MASSIVE SLFD BODY IN METASEDS & METAVOLCS}

TYPE {VOLCANIC EXHALATIVE}  
 SUBTYPE {POLYMETALLIC}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
 METAVOLCANIC ROCKS}  
 ORE MNRLS {SPHALERITE/GALENA/PYRITE/CHALCOPYRITE}  
 STRIKE {135} DIP {50}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM MRC 12/PG 248/WNP FIELD}  
 COMMENTS {HOST ROCKS HIGHLY DEFORMED AND CUT BY NUMEROUS  
 GABBRO DYKES}

MAP(S) {GEOL P1108 ODM/GEOL 2170 ODM}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 248-249/  
 \*CG\*

OSBORNE, F.F. 1930  
 THE CARTIER-STRAKAL AREA/ ODM ANN REPT 1929 PART  
 7/ VOL 36/ PG 61-63 & 66 & 54-55

HAWLEY, J.E. 1948  
 LAKE GENEVA MINE/ STRUCTURAL GEOLOGY OF CANADIAN  
 ORE DEPOSITS/ JUBILEE VOLUME/ SYMPOSIUM OF CIMM/  
 PG 590-596/ \*C\*

TUCK, R. 1931  
 A LEAD-ZINC DEPOSIT AT GENEVA LAKE/ BULL ECON  
 GEOL/ VOL 26/ NO 3/ PG 295-313

ALCOCK, F.J. 1930  
 ZINC AND LEAD DEPOSITS OF CANADA/ GSC ECON GEOL  
 SERIES NO 8/ PG 169-175/ \*C\*

CARD, K.D. 1978  
 GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
 5256/ PG 107

PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1/ PG 299/ \*AC\*

41-433

BEATH  
CU(7) NI(7) AU(7)41/1/10 46 32 44 080 41 46 FALCONBRIDGE TP/ LOT 1 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 1957-5)  
CANMINDEX NUMBER (008383) NMI NUMBER (041/1/10/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN ALONG DIABASE/ CONGLOMERATE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISSING DIABASE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (NMI)  
COMMENTS (VEIN UP TO 40 FT WIDE)

MAP(S) (GEOL 872A GSC/GEOL 1957-5 ODM)

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANN REPT  
1957 PART 6/ VOL 66/ PG 1-36/ MINERAL RESOURCES DIVISION/ RESOURCE FILE/  
MR-CU-301.00 (SUDBURY AREA)

41-434

WINDY LAKE  
CU(6) NI(6)41/1/11 46 35 38 081 28 14 CASCADEN TP/ LOT 3 CON 4  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008396) NMI NUMBER (041/1/11/CU/001)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUTTING GRANITE AND GREENSTONE)

REMARKS (MAY BE RELATED TO OFFSET OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (PYRITE/CHALCOPYRITE/PYRRHOTITE/MAGNETITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (VEIN 1FT WIDE/400FT LONG/GRAB SAMPLE/1.72% CU/  
0.81% NI & TR CO)

MAP(S) (GEOL P287 ODM/GEOL 2170 ODM)

/EASTVIEW MINES/ NORTHERN MINER VOL 42 NO 20 P23/  
AUGUST 1956/ VOL 39 NO 45 PG 21/24/JAN 1954

1957

/EASTVIEW MINES/ CAN MINING JOUR/ VOL 78/ NO 1/  
PG 96BELL, R. 1891  
SUDBURY MINING DISTRICT/ GSC ANN REPORT/ VOL 5/  
PT F/ PG 83/92/38/44/ODM ANN REPORT/ VOL 28 PT 1 1918/ PG 25/ VOL 29  
PT 1 1919/ PG 193-207THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 103SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 273/ \*CG\*

1957

/ CANADIAN MINING JOURNAL/ VOL 78 NO 1/ PG 96

41-435

AYLMER TOWNSHIP  
CU(6)41/1/15 46 51 34 080 47 19 AYLMEER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (008406) NMI NUMBER (041/1/15/CU/005)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN BRECCIATED & SILICIFIED QUARTZITE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
ALTERATION (SILICIFICATION)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 272)  
COMMENTS (CHIP SAMPLING MAX 0.64% CU OVER 8.6 FT)

MAP(S) (GEOL P367 ODM/GEOL 2170 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 103/ \*I\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 272/ \*CG\*  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-437

DENISON TP- LOT 6-8 CON 3  
CU(7)41/1/06 46 24 31 081 22 30 DENISON TP/ LOT 6-8 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANMINDEX NUMBER (008367) NMI NUMBER (041/1/06/CU/022)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS SLFDS IN METASED-METAVOLC CYCLE)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 59)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

CARD, K.D. 1977  
STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA /  
ODM GEOSCIENCE STUDY 16 / PG 25-29INNES, D.G.  
PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA ONTARIO / UNPUB BSC THESIS/ LAURENTIAN  
UNIVERSITY SUDBURY 1972

41-438

DENISON TP-LOT 11 CON 2  
CU(7)41/1/06 46 23 11 081 25 10 DENISON TP/ LOT 11 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2119)  
CANMINDEX NUMBER (008368) NMI NUMBER (041/1/06/CU/023)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN NIPPISSING METAGABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISSING DIABASE)  
REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MAP 2119)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

CARD, K.D. 1977  
STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY AREA ONTARIO/  
UNPUB BSC THESIS/ LAURENTIAN UNIVERSITY SUDBURY  
1972  
INNES, D.G. 1972

PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA ONTARIO/ UNPUB BSC THESIS/ LAURENTIAN  
UNIVERSITY SUDBURY 1972

41-439

DENISON TP-LOT 12 CON 4  
CU(7) NI(7)

41/I/06 46 25 22 081 25 38 DENISON TP/ LOT 12 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2119)  
CANINDEX NUMBER (008369) NMI NUMBER (041/I/06/CU/025)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS AT IRRUPTIVE CONTACT)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

41-440

DENISON TP- LOT 3-4 CON 4  
CU(7)

41/I/06 46 24 53 081 20 27 DENISON TP/ LOT 3-4 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANINDEX NUMBER (008370) NMI NUMBER (041/I/06/CU/026)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISSEM SLFDS IN METAVOLCS & INTERFLOW METAPELITES)

REMARKS (SEVERAL LONG NARROW ZONES)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 59)

MAP(S) (GEOL P202 ODM/GEOL 2119 ODM)

CARD, K.D. 1977

STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA/  
ODM GEOSCIENCE STUDY 16/ PG 25-29

INNES, D.G. 1972

PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA ONTARIO/ UNPUB BSC THESIS/ LAURENTIAN  
UNIVERSITY SUDBURY 1972

CARD, K.D. 1968

GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPT 60/  
PG 59/ \*AC\*

41-441

GRAHAM TP- LOTS 5-6 CON 3  
CU(7)

41/I/06 46 24 19 081 14 26 GRAHAM TP/ LOT 5-6 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANINDEX NUMBER (008371) NMI NUMBER (041/I/06/CU/027)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS SLFDS IN HURONIAN METAVOLCANIC ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 59)

MAP(S) (GEOL P203 ODM/GEOL 2119 ODM)

CARD, K.D. 1977

STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA/  
ODM GEOSCIENCE STUDY 16/ PG 25-29

INNES, D.G. 1972

PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA ONTARIO/ UNPUB BSC THESIS/ LAURENTIAN  
UNIVERSITY SUDBURY 1972

CARD, K.D. 1968

GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPT 60

41-442

GRAHAM TP-LOT 12 CON 3  
CU(7)

41/I/06 46 24 18 081 18 12 GRAHAM TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ ODM MAP 2119)  
CANINDEX NUMBER (008372) NMI NUMBER (041/I/06/CU/028)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS IN HURONIAN METAVOLC/ METAPELITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS/MATINENDA FORMATION)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

MAP(S) (GEOL P203 ODM/GEOL 2119 ODM)

CARD, K.D. 1977

STRATIGRAPHY SEDIMENTOLOGY & PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA/  
ODM GEOSCIENCE STUDY 16/ PG 25-29

INNES, D.G. 1972

PROTEROZOIC VOLCANISM & ASSOCIATED SULPHIDE  
BEARING METASEDIMENTS IN THE SUDBURY AREA/ UNPUB  
BSC THESIS/ LAURENTIAN UNIVERSITY 1972

41-443

GRAHAM TP- LOTS 6-8 CON 3  
CU(7)

41/I/06 46 24 10 081 15 25 GRAHAM TP/ LOTS 6-8 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2119)  
CANINDEX NUMBER (008373) NMI NUMBER (041/I/06/CU/029)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS SLFDS IN HURONIAN METAVOLCANIC ROCKS)

REMARKS (SEVERAL OCCURRENCES IN AREA)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

MAP(S) (GEOL P203 ODM/GEOL 2119 ODM)

CARD, K.D. 1977

STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA/  
ODM GEOSCIENCE STUDY 16/ PG 25-29

INNES, D.G. 1972

PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA ONTARIO/ UNPUB BSC THESIS/ LAURENTIAN  
UNIVERSITY SUDBURY 1972

41-444

GRAHAM TP- LOTS 9-11 CON 3-4  
CU(7)

41/I/06 46 24 22 081 16 40 GRAHAM TP/ LOT 9-11 CON 3-4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANINDEX NUMBER (008374) NMI NUMBER (041/I/06/CU/030)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS SLFDS IN HURONIAN METAVOLCANIC ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (NMI)

MAP(S) (GEOL P203 ODM/GEOL 2119 ODM)

CARD, K.D. 1977  
STRATIGRAPHY SEDIMENTOLOGY AND PETROLOGY OF THE  
HURONIAN SUPERGROUP IN THE SUDBURY-ESPANOLA AREA/  
ODM GEOSCIENCE STUDY 16/ PG 25-29

INNES, D.G. 1972  
PROTEROZOIC VOLCANISM AND ASSOCIATED  
SULPHIDE-BEARING METASEDIMENTS IN THE SUDBURY  
AREA/ UNPUB BSC THESIS LAURENTIAN UNIVERSITY  
SUDBURY 1972

41-445

NEELEN TP- LOT 2 CON 4  
CU(7) NI(7)

41/I/07 46 28 28 080 49 39 NEELEN TP/ LOT 2 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANINDEX NUMBER (008375) NMI NUMBER (041/I/07/CU/001)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN QUARTZ DIDRITE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 9/PG 22)  
COMMENTS (DRILL HOLE/10.3 FT AT 0.56% CU & 0.54% NI)

MAP(S) (GEOL P681 ODM/GEOL 2017 ODM)

GRANT, J.A. 1962  
GEOLOGY OF BRODER DILL NEELEN & DRYDEN TOWNSHIPS/  
ODM GEOL REPT 9/ PG 22

41-446

LETSON (DWYER LAKE)  
CU(6) AG(6) AU(6)

41/I/09 46 38 53 080 24 49 JANES TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
CANINDEX NUMBER (008379) NMI NUMBER (041/I/09/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEINS IN SCHIST)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (NMI)  
COMMENTS (SAMPLE ACROSS 3FT/0.059% CU/1.35 OZ/TON AG & 0.04 OZ/TON AU)

MAP(S) (GEOL P367 ODM/GEOL 41F ODM)

BRUCE, E.L. 1933  
GEOLOGY OF THE TOWNSHIPS OF JANES MCNISH PARDO  
AND DANA/ ODM ANN REPT 1932 PT4/ VOL 41/ \*AB\*

41-447

DALE  
CU(7) AG(7) AU(7)

41/I/09 46 42 30 080 18 30 JANES TP/ LOT 2 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008380) NMI NUMBER (041/I/09/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN BRECCIATED SCHIST)

REMARKS (LOCATION APPROXIMATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)

VEIN TYPE (VEIN SETS)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (NMI)  
COMMENTS (GRAB SAMPLE/1.1% CU/0.04 OZ/TON AG & 0.01 OZ/TON AU)

MAP(S) (GEOL 41F ODM/GEOL P367 ODM)

BRUCE, E.L. 1933  
GEOLOGY OF THE TOWNSHIPS OF JANES MCNISH PARDO  
AND DANA/ ODM ANN REPT 1932 PT4/ VOL 41/ \*AB\*

41-448

OSSINGTON  
CU(6) NI(6)

41/I/09 46 40 55 080 21 26 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP P1231)  
CANINDEX NUMBER (008381) NMI NUMBER (041/I/09/CU/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISS SLFDS IN GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (BEST GRAB SAMPLE ASSAYED 0.79% CU & 0.19% NI)

MAP(S) (GEOL P1231 ODM/GEOL 2361 ODM)

41-449

MCLEOD  
CU(7) AG(7)

41/I/09 46 38 54 080 26 35 DAVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANINDEX NUMBER (008390) NMI NUMBER (041/I/10/CU/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB VEIN NEAR GABBRO/ METASEDIMENTS CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 274)  
COMMENTS (GRAB SAMPLE 8.53% CU/0.73 OZ/TON AG & 0.002 OZ/TON AU)

MAP(S) (GEOL 2361 ODM/GEOL 2037 ODM)

41-450

RUTTAN  
CU(7) AU(7) AG(7) NI(7)

41/I/10 46 38 48 080 30 10 DAVIS TP/ LOT 9 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2037)  
CANINDEX NUMBER (008391) NMI NUMBER (041/I/10/CU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINLETS IN CHERT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/PYRRHOTITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (090)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 15/PG 17)  
COMMENTS (GRAB SAMPLE 0.42% CU/0.07% NI/TR AU/ZONE APPROX 900 FT LONG)

MAP(S) (GEOL 2361 ODM/GEOL 2037 ODM)

THOMSON, J.E. 1963

KELLY AND DAVIS TOWNSHIPS/ ODM GEOL REPT 15/ PG 17  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 274/ \*CG\*

41-451

HANMER TOWNSHIP  
CU(7) PB(7) ZN(7)

41/1/10 46 38 40 080 57 21 HANMER TP/ LOT 1-2/ CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
CANMINDEX NUMBER (008392) NMI NUMBER (041/1/10/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ STRINGERS & DISSEM IN SCHIST)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (WHITEWATER GROUP)  
ORE MNRLS (PYRITE/SPHALERITE/GALENA/CHALCOPYRITE)  
GANGUE (QUARTZ/OTHER)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM ANN REPT VOL 38/PT 3/PG 48)

MAP(S) (GEOL P42 ODM/GEOL 872A GSC)

LONEY, E.D. 1927  
A PROMISING FUTURE FOR SUDBURY DISTRICT/ CAN MIN  
JOUR/ VOL 48/ PG 497-498  
BURROWS, A.G. 1930  
THE SUDBURY BASIN AREA/ ODM ANN REPT 1929 PT 3/  
VOL 38/ PG 48-49  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*C\*

41-452

MCVITTIE  
CU(7) AU(7)

41/1/10 46 34 30 080 39 58 STREET TP/ LOT 9-10 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008393) NMI NUMBER (041/1/10/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS & DISSEM IN QUARTZITE)

REMARKS (LOCATION APPROXIMATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM ANN REPT VOL 41/PT4)  
COMMENTS (GRAB SAMPLE 1.12% CU/TR AU/SOME DISSEM SFLDS IN  
QTZITE)

MAP(S) (GEOL P367 ODM/GEOL 872A GSC)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEM 192/ PG 145  
KINDLE, L.F. 1933  
MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN REPT 1932  
PT 4/ VOL 41/ PG 47  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282/ \*C\*

41-453

HODDEN GREY  
CU(7)

41/1/10 46 35 00 080 43 40 FALCONBRIDGE TP/ LOT 4 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008394) NMI NUMBER (041/1/10/CU/012)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SPARSE SFLDS IN METASED ROCKS)

REMARKS (LOCATION APPROXIMATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (MINERALIZATION POSSIBLY RELATED TO KEWEENAWAN  
DIABASE DYKES)

MAP(S) (GEOL 1957-5 ODM/GEOL 2361 ODM)

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TOWNSHIP/ ODM ANN REPT  
1957 PT 6/ VOL 66/ \*A \*

41-454

BALFOUR TP-LOT 7 CON 6  
CU(7) PB(7) ZN(7) AU(7)

41/1/11 46 36 54 081 15 00 BALFOUR TP/ LOT 7 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 1956-2)  
CANMINDEX NUMBER (008397) NMI NUMBER (041/1/11/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ VEINS CUTTING DIABASE DYKE & SLATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (WHITEWATER GROUP/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (SPHALERITE/GALENA/CHALCOPYRITE/PYRITE/  
ARSENOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (MINERALIZATION ASSOCIATED WITH A RUSTY WEATHERING  
DYKE)

MAP(S) (GEOL 2170 ODM/GEOL 1956-2 ODM)

BURROWS, A.G. 1930  
SUDBURY BASIN AREA/ ODM ANN REPORT/ VOL 38 PT 3  
1929/ PG 47-48  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 273/ \*C\*

41-455

SUDBURY ELBOW  
CU(7) ZN(7) AG(7)

41/1/11 46 31 29 081 26 00 TRILL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (NMI DESCRIPTION)  
CANMINDEX NUMBER (008398) NMI NUMBER (041/1/11/CU/006)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (PARALLEL FAULT ZONES)

REMARKS (FIVE PARALLEL ZONES)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (WHITEWATER GROUP)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (GRAB SAMPLE 1.6 OZ/TON AG/4.97% CU/8.1% ZN/MINOR  
AU)

MAP(S) (GEOL 2361 ODM/GEOL 1956-1 ODM)

----- / FINANCIAL POST SURVEY OF MINES 1930/ PG 107

41-457

ALMORE  
CU(7)

41/1/13 46 45 10 081 43 45 CRAIG TP/ LOT 4 CON 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008400) NMI NUMBER (041/1/13/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)



## GEOLOGY (QTZ-SLFD VEIN IN DIABASE)

## REMARKS (LOCATION APPROXIMATE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (NMI)  
 COMMENTS (VEIN EXPOSED BY STRIPPING FOR 30-35FT LENGTH/7FT  
 WIDE/NO ASSAYS REPORTED)

MAP(S) (GEOL P287 ODM/GEOL P1107 ODM)

41-458

MARION LAKE  
CU(7) ZN(7)

41/I/13 46 47 50 081 41 06 MONCRIEFF TP/ LOT 12 CON 6  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P1107)  
 CANMINDEX NUMBER (008402) NMI NUMBER (041/I/13/CU/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (DISS SLFDS IN SCHIST ZONES WITHIN GNEISS)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
 METAVOLCANIC ROCKS)  
 ORE MNRLS (PYRITE/CHALCOPYRITE/SPHALERITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM VOL 38/PT 7/Pg 65)  
 COMMENTS (LOW GRADE DISS SLFDS)

MAP(S) (GEOL 2170 ODM/GEOL P1107 ODM)

OSBORNE, F.F. 1930  
 CARTIER-STRAK AREA/ ODM ANN REPT 1929 PART 7/  
 VOL 38/ PG 65  
 ----  
 1917  
 / REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION  
 (TORONTO 1917)/ PG 209  
 QUIRKE, T.T. 1921  
 GENEVA MAP-AREA/ GSC SUMM REPT 1920 PART D/ PG  
 7-18

41-459

HOLSTROM (VENETIAN LAKE)  
CU(7) PB(7) ZN(7) AG(7) AU(7)

41/I/14 46 56 13 081 16 15 BOTHA TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P287)  
 CANMINDEX NUMBER (008404) NMI NUMBER (041/I/14/CU/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASSIVE SLFDS IN METAVOLCANIC ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/Pg 232-233)  
 COMMENTS (MINERALIZED ZONE TRACED FOR 300FT/LOW GRADE)

MAP(S) (GEOL 2361 ODM/GEOL P287 ODM)

THOMSON, J.E. 1950  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM PRELIM REPORT 1950-4/ PG 14

THOMSON, J.E. 1952  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM PRELIM REPORT 1952-4/ PG 16

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 232-233/  
 \*1\*

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-460

EAMES  
CU(7)

41/I/14 46 47 27 081 29 30 HESS TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
 CANMINDEX NUMBER (008405) NMI NUMBER (041/I/14/CU/002)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
 GEOLOGY (SLFDS ALONG SVENITE PORPHYRY/ GNEISS CONTACT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN UNDIFFERENTIATED)  
 ORE MNRLS (PYRITE/PYRRHOTITE/MAGNETITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM VOL 38/PT 7/Pg 67-68)  
 COMMENTS (GRAB SAMPLE/4.1% CU)

MAP(S) (GEOL P1108 ODM/GEOL P287 ODM)

OSBORNE, F.F. 1930  
 THE CARTIER-STRAK AREA/ ODM ANN REPORT/ VOL 38  
 PT 7 1929/ PG 67-68  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*C\*

41-461

NEW DOMINION  
CU(2) NI(2)

41/I/15 46 46 16 080 54 58 NORMAN TP/ LOT 9-10 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANMINDEX NUMBER (008408) NMI NUMBER (041/I/15/CU/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS ALONG NORTH BOUNDARY OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (NMI)

RESERVE: 1955 40,823 TONNES 0.750% CU  
 0.900% NI  
 REFERENCE (NMI)

MAP(S) (GEOL P367 ODM/GEOL 2361 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 96/ \*CG\*

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 / THE NORTHERN MINER/ APRIL 30 1953/ JAN 27 & FEB  
 3 & FEB 24 & MAR 17 & MAR 31 1955/ JUNE 21 1956

41-463

NORTHBRIDGE  
CU(7) NI(7)

41/I/15 46 48 20 080 52 39 PARKIN TP/ LOT 6-7 CON 1  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2180)  
 CANMINDEX NUMBER (008410) NMI NUMBER (041/I/15/CU/003)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN QTZ DIORITE DYKE/ PARKIN OFFSET)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 80/PG 53)

MAP(S) (GEOL 2170 ODM/GEOL 2180 ODM)

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 98/ \*CG\*

MEYN, H.D. 1970  
 GEOLOGY OF HUTTON & PARKIN TOWNSHIPS/ ODM GEOL  
 REPT 80/ PG 53/ \*AC\*  
 ----  
 1952

/ THE NORTHERN MINER/ NOV 20 1952

41-464

MOWAT LAKE (RIVERS/ FAB)  
CU(7) ZN(7)41/I/15 46 50 10 080 55 58 PARKIN TP/ LOT 12 CON 3-4  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (TRENCH/W. PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (008411) NMI NUMBER (041/I/15/CU/006)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISSEM & MASSIVE SLFDS IN FELSIC TUFFS)

REMARKS (2 PARALLEL ZONES 150 FT APART)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/SPHALERITE/PYRITE/PYRRHOTITE/  
ARSENOPYRITE)  
STRIKE (020)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 80/PG 61-63)  
COMMENTS (EAST ZONE 50-300 FT WIDE/1500FT LONG/WEST ZONE  
20-130FT WIDE/1900FT LONG)

MAP(S) (GEOLOG 2170 ODM/GEOLOG 2361 ODM)

THOMSON, J.E. 1952  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM PREL REPT 1952-4/ PG 5  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281/ \*C\*  
MEYN, H.D. 1970  
GEOLOGY OF HUTTON & PARKIN TOWNSHIPS/ ODM GEOLOG  
REPT 80/ PG 61-63

41-467

AUSTIN BAY  
CU(6)41/I/16 46 50 00 080 02 00 VOGT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008433) NMI NUMBER (041/I/16/CU/007)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISS SLFDS IN SHEARED RHYOLITIC VOLCANIC BANDS)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 22/PG 20)  
COMMENTS (BEST INTERSECTION 0.84% CU/CORE LENGTH OF 2.6FT)

MAP(S) (GEOLOG 2048 ODM/GEOLOG P367 ODM)

GRANT, J.A. 1964  
VOGT-HOBBS AREA/ ODM GEOLOG REPT 22/ PG 20  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 210/ \*C\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ KIRKLAND LAKE

41-468

SAVILLE (TOMBILL-GUNNEX)  
CU(6)41/I/16 46 49 22 080 04 30 VOGT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
CANMINDEX NUMBER (008434) NMI NUMBER (041/I/16/CU/016)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS ALONG FRACTURES IN METAGREYWACKE)

REMARKS (LOCATION APPROXIMATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA)ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 210/NMI)  
COMMENTS (DDH 0.02% CU/1FT TO 2.15% CU & 1.18% CU/1FT)

MAP(S) (GEOLOG 2048 ODM/GEOLOG 2361 ODM)

GRANT, J.A. 1964  
GEOLOGY OF VOGT-HOBBS AREA/ ODM GEOLOG REPT 22  
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/ ODM RESIDENT GEOLOGISTS FILES/ KIRKLAND LAKE

41-469

SALTER TOWNSHIP  
CU(7)41/J/01 46 14 24 082 09 18 SALTER TP/ SEC 17  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (008441) NMI NUMBER (041/J/01/CU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ VEINS CUTTING HURONIAN DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN GABBRO-ANDRTHOSITE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (087)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)

MAP(S) (GEOLOG P378 ODM/GEOLOG 2308 ODM)

41-470

CLEAR LAKE (STEINKE)  
CU(7) NI(7)41/J/01 46 11 54 082 04 50 SALTER TP/ SEC 36  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANMINDEX NUMBER (008438) NMI NUMBER (041/J/01/CU/004)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM & FRACTURE SLFDS IN METADIABASE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 136/PG 105)  
COMMENTS (GRAB SAMPLE 0.055% CU/0.41% NI)

MAP(S) (GEOLOG P378 ODM/GEOLOG 2308 ODM)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
136/ PG 105  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281/ \*C\*  
ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
136/ PG 105

41-471

SUGAR LAKE (BUDGE)  
CU(7)41/J/01 46 14 21 082 13 35 VICTORIA TP/ SEC 14  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANMINDEX NUMBER (008442) NMI NUMBER (041/J/01/CU/006)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ VEINS CUTTING GRANITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (160)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)

SOURCE (ODM GR 136/PG 106)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL P377 ODM/GEOLOGICAL 2308 ODM)

ROBERTSON, J.A. 1966  
MARGINAL NOTES/ ODM MAP P377  
COLLINS, W.H. 1925  
NORTH SHORE REGION OF LAKE HURON/ GSC MEMOIR 143/  
PG 130  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*

41-472

WALFORD STATION  
CU(7) ZN(7)

41/J/01 46 13 12 082 12 30 VICTORIA TP/ SEC 26  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008443) NMI NUMBER (041/J/01/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ VEIN IN EPIDIORITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/SPHALERITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL P377 ODM/GEOLOGICAL 2308 ODM)

ROBERTSON, J.A. 1966  
MARGINAL NOTES/ ODM MAP P377  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*

41-473

SALMAY LAKE (GUTCHER)  
CU(7)

41/J/01 46 14 42 082 05 00 SALTER TP/ SEC 13 & 14  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008440) NMI NUMBER (041/J/01/CU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN AND NEAR QTZ VEINS IN HURONIAN METAVOLCS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2308 ODM/GEOLOGICAL 2419 OGS)

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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 281/ \*C\*  
ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
136/ PG 104

41-474

WALFORD  
CU(7)

41/J/01 46 14 33 082 14 47 VICTORIA TP/ SEC 15  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANINDEX NUMBER (008444) NMI NUMBER (041/J/01/CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 136/PG 106)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL P304 ODM)

COLLINS, W.H. 1925  
NORTH SHORE REGION OF LAKE HURON/ GSC MEMOIR 143/  
PG 130

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT 1929 PT 7/ VOL 38/ PG 31

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
136/ PG 106

41-475

VICTORIA TP-SEC 17  
CU(7)

41/J/01 46 14 24 082 17 01 VICTORIA TP/ SEC 17  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANINDEX NUMBER (008445) NMI NUMBER (041/J/01/CU/011)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN DIABASE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN GABBRO-ANORTHOSITE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL P377 ODM/GEOLOGICAL 2308 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*

41-476

VICTORIA TP- SEC 21  
CU(7)

41/J/01 46 13 47 082 15 43 VICTORIA TP/ SEC 21  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2308)  
CANINDEX NUMBER (008446) NMI NUMBER (041/J/01/CU/012)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SPARSE SLFD IN SHEAR ZONE IN QUARTZITE)

REMARKS (LENGTH 50 FT/ WIDTH 3 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (125)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (LENGTH 50 FT/WIDTH 3 FT/SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 2308 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-724

41-477

VICTORIA TP-SEC 36  
CU(7)41/J/01 46 11 28 082 11 51 VICTORIA TP/ SEC 36  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANMINDEX NUMBER (008447) NMI NUMBER (041/J/01/CU/015)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN NIPissing DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P377 ODM/GEOL 2308 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*I\*

41-478

COBDEN TP-LOT 5 CON 3  
CU(7)41/J/02 46 12 40 082 59 40 COBDEN TP/ LOT 5 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008448) NMI NUMBER (041/J/02/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2419 OGS/GEOL P304 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C\*

41-479

STRIKER TP-LOT 12 CON 1  
CU(7)41/J/02 46 11 20 082 55 55 STRIKER TP/ LOC 12 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (008449) NMI NUMBER (041/J/02/CU/004)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT NIPissing DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (085)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (VEINS OVER AREA 1000 FT BY 75 FT/INDIVIDUAL VEINS  
UP TO 3 FT WIDE)

MAP(S) (GEOL 2028 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1153

41-480

STRIKER TP - LOT 2 CON 2  
CU(7)41/J/02 46 11 46 082 49 33 STRIKER TP/ LOT 2 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2028)  
CANMINDEX NUMBER (008450) NMI NUMBER (041/J/02/CU/005)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2419 OGS/GEOL 2028 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-481

COBDEN TP - LOT 11 CON 2  
CU(7)41/J/03 46 12 08 083 03 13 COBDEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2028)  
CANMINDEX NUMBER (008451) NMI NUMBER (041/J/03/CU/002)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN NIPissing DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/GEOL 2028 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*I\*

41-482

COBDEN TP-LOT 10 CON 2  
CU(7)41/J/03 46 12 18 083 02 18 COBDEN TP/ LOT 10 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2028)  
CANMINDEX NUMBER (008452) NMI NUMBER (041/J/03/CU/004)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN NIPissing DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/GEOL 2028 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*I\*

41-483

GALBRAITH TP- LOT 8 CON 2  
CU(7)41/J/05 46 27 13 083 39 32 GALBRAITH TP/ LOT 8 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008468) NMI NUMBER (041/J/05/CU/004)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*1\*

41-484

GALBRAITH TP-LOT 7 CON 2  
CU(7)41/J/05 46 27 20 083 38 59 GALBRAITH TP/ LOT 7 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008469) NMI NUMBER (041/J/05/CU/005)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*1\*

41-485

KING EDWARD  
CU(7)41/J/05 46 24 52 083 36 52 ROSE TP/ SEC 11  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008460) NMI NUMBER (041/J/05/CU/014)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEIN IN DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 04/NMI)  
COMMENTS (VEIN(ZONE?) 10 FT WIDE/PART IS BARREN)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

COLLINS, W. H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMOIR 143  
PYE, E. G. 1975  
ANNUAL REPORT OF THE REGIONAL AND RESIDENT  
GEOLOGISTS 1974/ ODM MISC PAPER 60/ PG 161  
KNIGHT, C. W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPORT/  
VOL 24 PT 1 1915/ PG 237

41-486

TARBUTT TP-LOT 2 CON 3  
CO(6) CU(7)41/J/05 46 22 58 083 58 34 TARBUTT TP/ LOT 2 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008470) NMI NUMBER (041/J/05/CU/017)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (BEST DDH INTERSECTION 1.1% CO OVER 8.3 FT)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-5

41-487

TARBUTT TP-LOT 4 CON 2  
CU(7)41/J/05 46 22 40 083 59 54 TARBUTT TP/ LOT 4 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008471) NMI NUMBER (041/J/05/CU/020)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARBONATE-SLFD VEIN IN DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*  
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/ ODM ANN REPORT/ VOL 31 PT 10 1922/ PG 28

41-488

PLUMMER TP - LOT 12 CON 2  
CU(7)41/J/05 46 22 47 083 49 24 PLUMMER TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008472) NMI NUMBER (041/J/05/CU/021)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SPARSE SLFD IN CARBONATE-QTZ VEINS IN DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (CARBONATE/QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (020)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (VEIN ZONE 10 IN WIDE/SPARSE MINERALIZATION)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*C\*  
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/ ODM RESIDENT GEOLOGIST FILES/ SSM-1237

41-489

AMAX  
CU(7)

41/J/05 46 29 38 083 43 40 ABERDEEN TP/ LOT 3 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008454) NMI NUMBER (041/J/05/CU/032)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (IN INTERBEDDED MAFIC-INT VOLCS & VOLC BRECCIAS)

REMARKS (LOCATION APPROXIMATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (VOLCANIC EXHALATIVE DEPOSIT (?))

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

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/ ODMNA TORONTO ASSESSMENT WORK LIBRARY/ DIAMOND  
DRILL LOG ABERDEEN NO 10/ 63-2443

41-490

J KRUMMEN  
CU(7)

41/J/05 46 26 58 083 44 50 ABERDEEN TP/ LOT 4 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI DESCRIPTION)  
CANINDEX NUMBER (008459) NMI NUMBER (041/J/05/CU/031)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (DDM MRC 12/PG 100)  
COMMENTS (VEIN 50 FT LONG/MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C\*

41-491

GLADSTONE TP-LOT 12 CON 4  
CU(7)

41/J/06 46 18 50 083 19 15 GLADSTONE TP/ LOT 12 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008473) NMI NUMBER (041/J/06/CU/004)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEINS IN GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN SETS) STRIKE (095)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (DDM MRC 12/PG 101)  
COMMENTS (VEIN SYSTEM TRACED FOR 100 FT)

MAP(S) (GEOL 2012 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA ONTARIO/ ODM GEOL  
REPORT NO 17/ PG 48/ \*A\*

41-494

HARBINSON  
CU(6)

41/J/06 46 25 58 083 10 27 MONTGOMERY TP/ LOT 7-8 CON 5-6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANINDEX NUMBER (008483) NMI NUMBER (041/J/06/CU/009)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ CEMENTED CONGLOM BRECCIA NEAR GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS)  
REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (NMI)  
COMMENTS (ASSAYS UP TO 3.4% CU/5.6 FT REPORTED/ZONE EXPOSED  
OVER LENGTH OF 530 FT)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

41-495

PEAKE LAKE  
CU(7)

41/J/06 46 21 32 083 09 40 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008488) NMI NUMBER (041/J/06/CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)/BRANCHED VEINS) STRIKE (125)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 17/PG 48)  
COMMENTS (VEINS UP TO 6 FT WIDE/TRACED FOR 990 FT LENGTH)

MAP(S) (GEOL 2012 ODM/GEOL 1415A GSC)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 48/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*C\*

41-496

COBDEN TP-LOT 12 CON 6  
CU(7)

41/J/06 46 15 56 083 04 11 COBDEN TP/ LOT 12 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2028)  
CANINDEX NUMBER (008498) NMI NUMBER (041/J/06/CU/011)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/GEOL 2028 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*I\*

41-497

PATTON TP-LOT 11 CON 6  
CU(7)41/J/06 46 20 52 083 11 30 PATTON TP/ LOT 11 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008499) NMI NUMBER (041/J/06/CU/012)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (DISS SLFD IN BRUCE LIMESTONE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*AC\*

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-487

41-498

PATTON TP- LOT 6-7 CON 4  
CU(7)41/J/06 46 18 55 083 08 19 PATTON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008500) NMI NUMBER (041/J/06/CU/013)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
ALTERATION (HEMATIZATION)  
VEIN TYPE (BRANCHED VEINS)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 17/PG 60)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 1415A GSC)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 60/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*AC\*

41-501

PATTON TP-SEC 28 SE 1/4  
CU(7)41/J/06 46 17 06 083 08 21 PATTON TP/ SEC 28 SE 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
CANINDEX NUMBER (008501) NMI NUMBER (041/J/06/CU/029)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA SED ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/SPECULARITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (095)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 60/PG 60)  
COMMENTS (10-12 FT WIDE ZONE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*AC\*  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT

NO 17/ PG 60/ \*AC\*

41-502

THOMPSON TP  
CU(7)41/J/06 46 15 38 083 10 20 THOMPSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (GSC MAP 1415A)  
CANINDEX NUMBER (008502) NMI NUMBER (041/J/06/CU/030)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)

REMARKS (3 OCCURRENCES ARE KNOWN/ OLD PITS ON 2 OF THEM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (080)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 105)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 1415A GSC)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 62/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*AC\*

41-503

BROWN  
CU(7)41/J/06 46 17 32 083 09 25 PATTON TP/ SEC 29 N 1/2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2012)  
CANINDEX NUMBER (008503) NMI NUMBER (041/J/06/CU/031)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)

REMARKS (OLD SHAFT 27 FEET DEEP/ SEVERAL VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (270) DIP (80)  
REL TO NIP.DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (#1 VEIN/300FT LONG&3-6FT WIDE/#2 VEIN/100FT  
LONG&6-20FT WIDE/NO GRADE DATA)

MAP(S) (GEOLOGICAL 2012 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*AC\*  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 59/ \*AC\*

41-504

MONTGOMERY TP-3  
CU(7)41/J/06 46 21 45 083 11 21 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (008504) NMI NUMBER (041/J/06/CU/032)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (DISS SLFD IN BRUCE LIMESTONE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 102)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*C\*  
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/ ODM RESIDENT GEOLOGIST FILES/ SSM-487

41-505

MONTGOMERY TP-2  
CU(6) AU(6)

41/J/06 46 22 16 083 11 34 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (008505) NMI NUMBER (041/J/06/CU/033)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFD DISS ON BEDDING PLANES IN BRUCE LIMESTONE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (CHALCOPHYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 102)  
COMMENTS (MINERALIZATION OVER KNOWN AREA OF 1000 FT BY 1600  
FT/BEST ASSAY 0.24% CU)

MAP(S) (GEOLOGICAL 1415A GSC/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-487

41-506

MONTGOMERY TP-1  
CU(7)

41/J/06 46 23 19 083 06 56 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ GSC MAP 1415A)  
CANMINDEX NUMBER (008506) NMI NUMBER (041/J/06/CU/034)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEIN CUTTING MISSISSAGI QUARTZITE)

REMARKS (4 FT VEIN INTERSECTION IN DDH AT 3566.5 FT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPHYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 102)  
COMMENTS (VEIN 4FT WIDE INTERSECTED DURING DRILLING FOR  
URANIUM)

MAP(S) (GEOLOGICAL 2419 OGS/GEOL 1415A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1060

41-507

PATTON TP-SEC 28 NW 1/4  
CU(7)

41/J/06 46 17 19 083 09 04 PATTON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2012)  
CANMINDEX NUMBER (008507) NMI NUMBER (041/J/06/CU/035)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (OLD PITS/ 2 SHOWINGS IN NW QUARTER SECTION 28)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPHYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (095) DIP (90)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 17/PG 103)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*C\*  
ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 59-60/ \*AC\*

41-508

GLADSTONE TP-LOT 10 CON 4  
CU(7)

41/J/06 46 18 58 083 17 33 GLADSTONE TP/ LOT 10 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2012)  
CANMINDEX NUMBER (008508) NMI NUMBER (041/J/06/CU/036)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SMALL SLFD MASSES IN GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/CHALCOPHYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 48/ \*A\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*  
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41-509

GLADSTONE TP-LOT 7 CON 1  
CU(7)

41/J/06 46 16 39 083 16 01 GLADSTONE TP/ LOT 7 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
CANMINDEX NUMBER (008509) NMI NUMBER (041/J/06/CU/037)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS SYENITIC GABBRO)

REMARKS (TEST PIT SUNK ON VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPHYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 17/PG 50)  
COMMENTS (VEIN TRACED FOR 100 FT/WIDTH UP TO 8 IN/MINOR  
OCCURRENCE)

MAP(S) (GEOLOGICAL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 50/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*  
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41-510

GLADSTONE TP-LOT 11 CON 2  
CU(7)

41/J/06 46 17 28 083 18 32 GLADSTONE TP/ LOT 11 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
CANMINDEX NUMBER (008510) NMI NUMBER (041/J/06/CU/038)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)



CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEIN BRECCIA CUTS SED ROCKS)

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-934

REMARKS (TEST PIT ON VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/SIDERITE/CALCITE)  
ALTERATION (SILICIFICATION/HEMATIZATION)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS) STRIKE (105) DIP (90)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 17/PG 49-50/WNP FIELD)  
COMMENTS (ZONE APPROX 70 FT WIDE/SLFDS VERY IRREGULARLY DISTRIBUTED)

MAP(S) (GEOL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 49-50/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*

41-511

GLADSTONE TP-LOT 12 CON 3  
CU(7)

41/J/06 46 17 56 083 18 42 GLADSTONE TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2012)  
CANINDEX NUMBER (008511) NMI NUMBER (041/J/06/CU/039)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FM)

REMARKS (TEST PITS ON ZONE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S) STRIKE (090)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (ZONE 600FT LONG/WIDTH 15 FT/ZONE CONSISTS OF APPROX 50% QTZ VEINS UP TO 8IN WIDE)

MAP(S) (GEOL 2012 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPT 17/  
PG 49/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*

41-512

GOULD TP-LOT 12 CON 6  
CU(7)

41/J/11 46 31 04 083 27 23 GOULD TP/ LOT 12 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (008512) NMI NUMBER (041/J/06/CU/040)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)

REMARKS (VEINS LESS THAN 1 FT WIDE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (VEIN LESS THAN 1FT THICK/INTERSECTED DURING DRILLING/MINOR OCCURRENCE)

MAP(S) (GEOL 2419 OGS/MIN PDT P1513 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*

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41-513

GOULD TP- LOT 12 CON 3  
CU(7)

41/J/06 46 28 25 083 27 10 GOULD TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008513) NMI NUMBER (041/J/06/CU/050)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (090) DIP (75)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

KNIGHT, C.W. 1915  
THE NDRTH SHORE OF LAKE HURON/ ODM ANN REPT 1915  
PART 1/ VOL 24/ PG 235  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*C\*

41-515

COFFEE LAKE  
CU(7)

41/J/07 46 27 00 082 55 30 TIMMERMAN & JOGUES TPS  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008516) NMI NUMBER (041/J/07/CU/001)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

REMARKS (PROPERTY STAKED AS URANIUM PROSPECT/ LOCATION APPROXIMATE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 13/PG 72-73)  
COMMENTS (DDH ASSAY 1.2% CU/2.5FT/TR AU AND CO)

MAP(S) (GEOL 2026 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1963  
GEOLOGY OF TOWNSHIPS 155 156 161 AND 162/ ODM  
GEOL REPT 13/ PG 72-73  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111

41-516

HOPE LAKE  
CU(7)

41/J/07 46 15 30 082 30 06 LEWIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (008517) NMI NUMBER (041/J/07/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ VEINS)

REMARKS (LOCATION APPROXIMATE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)

## COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P246 ODM/GEOL 2419 OGS)

41-517

ESTEN TP  
CU(7)41/J/07 46 21 22 082 39 15 ESTEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008518) NMI NUMBER (041/J/07/CU/004)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 100)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100/ \*C \*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-366

41-518

PROCTOR TP  
CU(6)41/J/07 46 20 55 082 33 09 PROCTOR TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008519) NMI NUMBER (041/J/07/CU/005)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SPARSE SLFD IN METAVOLC & METASED ROCKS)

REMARKS (VERY LEAN SULPHIDE-FACIES IRON FORMATION)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (BEST ASSAY DDH/0.02% CU/SFT)

MAP(S) (GEOL P304 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1152

41-519

CARIBOU LOCATION Y 401  
CU(7)41/J/08 46 27 13 082 25 00 LEHMAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2004)  
CANMINDEX NUMBER (008530) NMI NUMBER (041/J/08/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QUARTZITE NEAR DIABASE)

REMARKS (SLFDS PREDOM IN TALUS BLOCKS NEAR BASE OF RIDGE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SERPENT FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 10/PG 66)

MAP(S) (GEOL 2004 ODM/GEOL 2419 OGS)

COLLINS, W.H. 1918  
NORTH SHORE OF LAKE HURON/ GSC SUMMARY REPORT  
1917 PART E/ PG 9  
ROBERTSON, J.A. 1962  
GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
NO 10/ PG 66

41-520

KINDLE LAKE  
CU(7)41/J/08 46 28 06 082 24 05 LEHMAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2004)  
CANMINDEX NUMBER (008531) NMI NUMBER (041/J/08/CU/007)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN NARROW QTZ VEINS IN DIABASE)

REMARKS (ON SMALL ISLAND IN KINDLE LAKE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 10/PG 81)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2004 ODM/GEOL 2419 OGS)

ROBERTSON, J.A. 1962  
GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
NO 10/ PG 81/ \*C\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 110/ \*C\*

41-521

SHEDDEN TP  
CU(7)41/J/08 46 15 13 082 25 20 SHEDDEN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (008532) NMI NUMBER (041/J/08/CU/011)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2419 OGS/GEOL P304 ODM)

---- 1969  
/ ODM OPEN FILE REPORT 5026/ PG 107  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*

41-522

NICHOLAS TP  
CU(7) CO(7)41/J/10 46 34 27 082 57 01 NICHOLAS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1513)  
CANMINDEX NUMBER (008538) NMI NUMBER (041/J/10/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD & ARSENIDES IN FAULT ZONE IN GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/COBALTITE)  
VEIN TYPE (UNCERTAIN OR OTHER)

REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (ZONE 500FT LONG/9-25FT WIDE)

MAP(S) (GEOLOGICAL P560 ODM/GEOLOGICAL 2419 OGS)

41-527

HODGINS TP-LOT 2 CON 1  
CU(7)

41/J/12 46 42 13 083 59 12 HODGINS TP/ LOT 2 CON 1  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (008558) NMI NUMBER (041/J/12/CU/003)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 1413A GSC/MIN POT P1513 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*1\*

41-528

HODGINS TP-LOT 2 CON 4  
CU(7) AU(7)

41/J/12 46 44 32 083 58 45 HODGINS TP/ LOT 2 CON 4  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANINDEX NUMBER (008559) NMI NUMBER (041/J/12/CU/004)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN ALONG EDGE OF GREENSTONE INCLUSION IN GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (315) DIP (50)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 101)  
COMMENTS (GRAB SAMPLES/0.22% TO 4.08% CU & TRACE TO 0.06 OZ/  
TON AU)

MAP(S) (GEOLOGICAL 1413A GSC/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*CG\*

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/ODM RESIDENT GEOLOGISTS FILES/ SSM-1128

41-529

OTTER TP  
CU(7)

41/J/12 46 33 55 083 34 37 OTTER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (008560) NMI NUMBER (041/J/12/CU/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN VEIN)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (MINOR OCCURRENCE/VEIN 3FT WIDE)

MAP(S) (GEOLOGICAL 1413A GSC/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103/ \*C\*

41-530

COOPER  
CU(7) PB(7) ZN(7) BI(7)

41/J/13 46 50 26 083 44 17 HUGHES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (008562) NMI NUMBER (041/J/13/CU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD CEMENTED BRECCIA)

REMARKS (GRANITE AND METADIABASE FRAGMENTS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE/SPHALERITE/GALENA/  
BISMUTHINITE/GALENABISMUTHITE)  
GANGUE (QUARTZ/CALCITE/SIDERITE)  
VEIN TYPE (VEIN BRECCIAS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD AND LAB DATA)  
COMMENTS (BRECCIA ZONE ALONG METADIABASE/GRANITE CONTACT/  
SLFDS VERY ERRATIC)

MAP(S) (GEOLOGICAL 2419 OGS/GEOLOGICAL P302 ODM)

HURST, M.E. 1929  
RANGER LAKE AND GARDEN RIVER DISTRICT OF ALGOMA/  
ODM ANN REPORT/ VOL 37 PT 3 1928/ PG 54 & 62

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/ODM RESIDENT GEOLOGISTS FILES/ SAULT STE MARIE

41-531

GRANT (VANCE)  
CU(6) AG(6) AU(7)

41/J/08 46 15 36 082 02 21 MAY TP/ LOT 10 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP P702)  
CANINDEX NUMBER (008539) NMI NUMBER (041/J/08/CU/005)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN IN QUARTZITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION/HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 280)  
COMMENTS (ZONE 6FT WIDE/200FT LONG/3FT CORE SECTION ASSAYED  
1.1% CU)

MAP(S) (GEOLOGICAL P702 ODM/GEOLOGICAL 2419 OGS)

DOUGLAS, G.V. 1926  
THE WHISKEY LAKE AREA/ ODM ANN REPORT/ VOL 34 PT  
4 1925/ PG 49

COLLINS, W.H. 1925  
NORTH SHORE REGION OF LAKE HURON/ GSC MEMOIR 143/  
PG 130

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280

41-536

APSEY LAKE  
CU(7)

41/I/04 46 12 11 081 48 05 MERRITT TP/ LOT 11 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (S SYMBOL/ ODM MAP 2311)  
CANINDEX NUMBER (004817)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (DISS SLFDS IN MISSISSAGI QTZITE & BRUCE CONGLOM)

REMARKS (GRAPHITE VEINLETS CLOSELY ASSOC WITH SLFDS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MISSISSAGI FORMATION/BRUCE FORMATION)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 131/PG 47)  
 COMMENTS (SFLDS COMPRISE LESS THAN 5% OF ROCK OVER AREA 30  
 BY 90M/GRAPHITE VEINLETS)

MAP(S) (GEOL 2311 ODM/GEOL 2361 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
 GEOSCIENCE REPORT 131/ PG 47/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280/ \*CG\*

41-637

ELIZABETH LAKE  
 CU(7)

41/I/04 46 14 28 081 37 49 FOSTER TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (C) COMMENTS (TRENCH/ ODM MAP 2311)  
 CANMINDEX NUMBER (004818)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISS SLFDS IN METAGABBRO)

REMARKS (3 ZONES OF SPARSELY DISSEM SLFDS APPROX 3600 FT  
 APART)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUBBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 275)  
 COMMENTS (3 ZONES OF SPARSELY DISSEM SFLDS IN METAGABBRO)

MAP(S) (GEOL 2311 ODM/GEOL 2361 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
 GEOSCIENCE REPORT 131/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275/ \*C\*

41-638

FOX LAKE  
 AU(7) AG(7) CU(7) AS(7)

41/I/04 46 09 34 081 44 06 MONGOWIN TP/ LOTS 5 & 6 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2312)  
 CANMINDEX NUMBER (004819) NMI NUMBER (041/I/04/AU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEINS & SILICIFIED ZONES ADJACENT FAULT IN SEDS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SERPENT FORMATION/GOWGANDA FORMATION)  
 ORE MNRLS (PYRITE/N. GOLD)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (090)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 131/PG 56)  
 COMMENTS (EXTENSIVELY OXIDIZED)

MAP(S) (GEOL 2312 ODM/GEOL 2361 ODM)

RICKABY, H.C. 1936  
 NOTES ON MONGOWIN TOWNSHIP AND VICINITY/ ODM ANN  
 REPORT 1935 PT 7/ VOL 44/ PG 60-61

KINDLE, E.D. 1936  
 GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
 GSC MEMOIR 192/ PG 97

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 / ODM ANN REPORTS/ 1935 PT 1 VOL 44 PG 95/ 1936  
 PT 1 VOL 45 PG 108

CARD, K.D. 1976  
 GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
 GEOSCIENCE REPORT 131/ PG 56/ \*AC\*

GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 76

41-639

KARL  
 CU(7) NI(7)

41/I/04 46 15 00 081 40 58 FOSTER TP/ LOT 12 CONC 5 & 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2311)  
 CANMINDEX NUMBER (004820)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN IN ESPANOLA FM QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ESPANOLA FORMATION)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS) STRIKE (000)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 131/PG 47-48)

MAP(S) (GEOL 2311 ODM/GEOL 2361 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
 GEOSCIENCE REPORT 131/ PG 47-48/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276/ \*CG\*

41-640

LACELLE  
 AU(7) CU(7)

41/I/04 46 12 28 081 41 41 MERRITT TP/ LOT 1 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2311)  
 CANMINDEX NUMBER (004821)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS IN SILICIFIED SERPENT SANDSTONE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SERPENT FORMATION)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 ALTERATION (SILICIFICATION)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (086)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 131/PG 58)  
 COMMENTS (UP TO 15% SFLDS)

MAP(S) (GEOL 2311 ODM/GEOL 2361 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
 GEOSCIENCE REPORT 131/ PG 58/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280/ \*C\*

41-641

MAJESTIC MINE  
 AU(7) CU(7) AS(7)

41/I/04 46 08 29 081 46 01 MONGOWIN TP/ LOTS 8 & 9 CONC 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2312)  
 CANMINDEX NUMBER (004822) NMI NUMBER (041/I/04/AU/008)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA QUARTZITE)

REMARKS (VEIN UP TO 30 FT WIDE BUT SPARSELY MINERALIZED)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWGANDA FORMATION)  
 ORE MNRLS (PYRITE/ARSENOPYRITE/CHALCOPYRITE/N. GOLD)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (075)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM VOL 48 PT 7/PG 46-47)  
 COMMENTS (VEIN UP TO 30FT WIDE/MINERALIZATION LOW GRADE)

MAP(S) (GEOL 2312 ODM/GEOL 2361 ODM)

KINDLE, E.D. 1936

GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 98

MOORE, E. S. 1930

ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPORT 1929 PT 7/ VOL 38/ PG 46

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/ ODM ANN REPORTS/ 1921 PT 1 VOL 30 PG 106/ 1922  
PT 10 VOL 31 PG 47

CARD, K.D. 1976

GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPORT 131/ PG 56-57/ \*AC\*

GORDON, J.B. 1979

GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 77-78

41-642

ROCHE

AU(7) CU(7)

41/I/04 46 13 16 081 43 36 MERRITT TP/ LOT 4 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2311)  
CANINDEX NUMBER (004823)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN SHEARED QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SERPENT FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/N. GOLD)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (068)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 131/PG 58)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 2311 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1976

GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPORT 131/ PG 56/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280/ \*C\*

41-643

STRATTON LAKE

AU(7) CU(7) AS(7)

41/I/04 46 12 13 081 39 32 FOSTER TP/ LOT 10 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DRILL HOLE/ ODM MAP 2311)  
CANINDEX NUMBER (004824)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SPARSE SLFDS IN QTZ VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE/ARSENOPYRITE/N.  
GOLD)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 131/PG 58)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOLOGICAL 2311 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1976

GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPORT 131/ PG 56/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276/ \*C\*

41-644

UPSALA MINE

AU(7) CU(7) PB(7)

41/I/04 46 08 56 081 39 19 CURTIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2312)  
CANINDEX NUMBER (004825)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)

CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT GOWGANDA SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/GALENA/N. GOLD)  
GANGUE (CALCITE/ANKERITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (089)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 131/PG 57)  
COMMENTS (VEIN 120M LONG/UP TO 2.4 M WIDE/GRAB SAMPLE/0.11  
OZ/TON AU & 0.4% CU)

MAP(S) (GEOLOGICAL 2312 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1976

GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPORT 131 PG 57/ \*AC\*

GORDON, J.B. 1979

GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 86-97

41-645

BRAZIL LAKE COBALT (MAKI)

CU(6) NI(6) CO(7)

41/I/05 46 15 16 081 39 54 FOSTER TP/ LOT 10 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (004826)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARB VEIN NEAR GABBRO-SEDS CONTACT)

REMARKS (COBALTITE CRYSTALS IN ACTINOLITE AMPHIBOLITE  
ALONG VEIN WALLS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/ESPANOLA FORMATION)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/COBALTITE)  
GANGUE (QUARTZ/CALCITE/ANKERITE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM GR 131/PG 50)  
COMMENTS (VEIN UP TO 40FT WIDE/100'S FT LONG/EUHEDRAL  
COBALTITE CRYSTALS UP TO 1 IN WIDE)

MAP(S) (GEOLOGICAL 2311 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1976

GEOLOGY OF THE ESPANOLA-WHITEFISH FALLS AREA/ ODM  
GEOSCIENCE REPT 131/ PG 48/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276/ \*C\*

ROBERTSON, J.A. 1972

GEOLOGY AND SCENERY NORTH SHORE OF LAKE HURON  
REGION/ ODM GEOL GUIDEBOOK NO 4 (REPRINTED 1975)/  
PG 110

41-646

BROULAN REEF M L

CU(7)

41/I/05 46 23 13 081 49 44 DUNLOP TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2313)  
CANINDEX NUMBER (004827)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN SILICIFIED ZONE ALONG GABBRO-SEDS CONTACT)

TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (BRUCE FORMATION/NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM GR 139/PG 40)  
COMMENTS (APPROX 5% SLFDS AS DISSEM PODS & STRINGERS IN  
ZONE 1.5M WIDE/150M LONG)

MAP(S) (GEOLOGICAL 2313 ODM/GEOLOGICAL 2361 ODM)

CARD, K.D. 1976

GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
GEOSCIENCE REPORT 139/ PG 40/ \*AC\*

41-647

DRURY TP-LOT 7 CON 4  
CU(7)

41/I/05 46 25 20 081 30 08 DRURY TP/ LOT 7 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (004828)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS/NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 2055)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
GEOLOGY OF HYMAN & DRURY TOWNSHIPS/ ODM GEOL REPT  
34/ \*AB\*

41-648

DRURY TP-LOT 8 CON 3  
CU(7)

41/I/05 46 23 49 081 30 53 DRURY TP/ LOT 8 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (004829)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 2055)

MAP(S) (GEOL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
GEOLOGY OF HYMAN & DRURY TOWNSHIPS/ ODM GEOL REPT  
34/ \*AB\*

41-649

GOUGH TP  
CU(7)

41/I/05 46 16 59 081 56 58 GOUGH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (004830)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN CHERTY QUARTZITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)

MAP(S) (GEOL 2361 ODM/GEOL P669 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276/ \*C\*

41-650

HALLAM TP-LOT 3 CON 6  
CU(7)

41/I/05 46 16 35 081 50 14 HALLAM TP/ LOT 3 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P669)  
CANMINDEX NUMBER (004831)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)

GEOLOGY (SLFD IN OTZ VEIN CUTTING MAFIC INTRUSION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 277)

MAP(S) (GEOL 2361 ODM/GEOL P669 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*C\*

41-651

LORNE TP-LOT 12 CON 1  
CU(7)

41/I/05 46 17 05 081 33 31 LORNE TP/ LOT 12 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2062)  
CANMINDEX NUMBER (004833)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN ZONE CUTTING METAGABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUBDRY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 35/PG 37)  
COMMENTS (ZONE AVG WIDTH 12FT/LENGTH 200FT/DEFORMED)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPORT NO 35/ PG 37/ \*AC\*

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279/ \*C\*

41-652

MAY TP-LOT 1 (S HALF) CON 6  
CU(7)

41/I/05 46 16 20 081 56 48 MAY TP/ LOT 1 (S HALF) CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P702)  
CANMINDEX NUMBER (004834)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS IN CHERTY QTZITE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 279)

MAP(S) (GEOL 2361 ODM/GEOL P702 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-653

NAIRN TP-LOT 1 CON 4  
CU(7) NI(7)

41/I/05 46 19 27 081 34 02 NAIRN TP/ LOT 1 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2062)  
CANMINDEX NUMBER (004835) NMI NUMBER (041/I/05/NI/001)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN XENOLITHS IN NIPISSING METAGABBRO)

TYPE (SKARN)

SUBTYPE (NON-SKARN)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
 STRIKE (105)  
 REL TO NIP.DIABASE (SEGREGATION IN DIABASE/GABBRO/  
 --ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (ODM GR 35/PG 35)  
 COMMENTS (INCLUSIONS OF SED RX/COMPOSITE CHIP FROM DUMP/  
 2.92% CU & 0.41% NI)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965  
 GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
 REPORT NO 35/ PG 35/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 280/ \*CG\*  
 COLEMAN, A.P. 1905  
 THE SUDBURY NICKEL AREA/ ODM ANN REPT 1905 PT 3/  
 VOL 14/ PG 145/ \*CG\*

41-654

PROUX  
 NI(7) CU(7)

41/I/05 46 21 22 081 31 41 LORNE TP/ LOT 9 CON 6  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2062)  
 CANINDEX NUMBER (004836)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN NIPPISING GABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PENTLANDITE)  
 REL TO NIP.DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM GR 35/PG 41)  
 COMMENTS (E-TRENDING ZONE/400FT LONG IN AREA LESS THAN 50 X  
 6FT/GRAB 0.77% CU & 0.45% NI)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965  
 GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
 REPORT NO 35/ PG 41/ \*AC\*  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-655

RASTALL-ALLENAN (NO 1)  
 NI(7) CU(7) AS(7)

41/I/05 46 18 49 081 35 21 NAIRN TP/ LOT 3 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
 CANINDEX NUMBER (004837)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (MASSIVE SLFDS IN NIPPISING METAGABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE/PENTLANDITE/GERSDORFFITE)  
 REL TO NIP.DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (WNP FIELD DATA)  
 COMMENTS (MINERALIZED ZONE OF LIMITED EXTENT)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-656

RASTALL-ALLENAN (NO 2)  
 CU(7)

41/I/05 46 18 25 081 35 32 NAIRN TP/ LOT 3 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2062)  
 CANINDEX NUMBER (004838)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)

CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN QTZ VEINS/ FRACTURES IN GREYWACKE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (PECORS FORMATION)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE)  
 GANGUE (QUARTZ)  
 ALTERATION (SILICIFICATION)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION)  
 SOURCE (D. INNES PERS.COMM. TO WNP)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-657

SHAKESPEARE TP- LOT 4-5 CON 4  
 CU(7)

41/I/05 46 20 00 081 51 31 SHAKESPEARE TP/ LOT 4-5 CON 4  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2313)  
 CANINDEX NUMBER (004839)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFD IN QTZ VEINS CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 139/PG 41)

MAP(S) (GEOL 2313 ODM/GEOL 2361 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
 GEOSCIENCE REPORT NO 139/ PG 41/ \*AC\*

41-658

SHAKESPEARE TP- LOT 7 CON 3  
 CU(7)

41/I/05 46 18 51 081 53 20 SHAKESPEARE TP/ LOT 7 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2313)  
 CANINDEX NUMBER (004840)

CU DEPOSIT TYPE (SKARN)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN SILICIFIED ZONE ALONG MAFIC DYKE CONTACT)

TYPE (SKARN)  
 SUBTYPE (NON-SKARN)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
 UNDIFFERENTIATED)  
 ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE)  
 ALTERATION (SILICIFICATION)  
 REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 139/PG 43)  
 COMMENTS (MINERALIZED ZONE 1.5M WIDE/6M LONG/GRAB SAMPLE  
 0.85% CU)

MAP(S) (GEOL 2313 ODM/GEOL P668 ODM)

CARD, K.D. 1976  
 GEOLOGY OF THE DUNLOP-SHAKESPEARE AREA/ ODM  
 GEOSCIENCE REPORT 139/ PG 43/ \*AC\*

41-659

TRILL TP-LOT 10 CON 2  
 CU(7) NI(7)

41/I/05 46 28 17 081 32 12 TRILL TP/ LOT 10 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
 CANINDEX NUMBER (004841)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)

SUBTYPE {SUDBURY SUBLAYER/OFFSETS}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {SUDBURY NICKEL IRRUPTIVE AND OFFSETS}  
 ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM MAP 2170}

MAP(S) {GEOL 2170 ODM/GEOL 2361 ODM}

41-660

WHITE  
 AG(6) CU(6) NI(6) AU(6)

41/I/05 46 18 20 081 50 29 SHAKESPEARE TP/ LOT 3 CON 2  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {DGS MAP P1512}  
 CANMINDEX NUMBER {004842}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {IRREGULAR IN INTRUSIVE ROCKS}  
 GEOLOGY {DISSEM SLFDS IN GABBRO}

TYPE {MAGMATIC NI-CU}  
 SUBTYPE {OTHER THAN SUDBURY}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {NIPPISING DIABASE}  
 ORE MNRLS {PYRRHOTITE/CHALCOPYRITE}  
 REL. TO NIP. DIABASE {SEGREGATION IN DIABASE/GABBRO}  
 SOURCE {ODM MRC 12/PG 282}  
 COMMENTS {DDH CORE ASSAYS OVER 47FT/0.01-0.06% CU/  
 0.01-0.06% NI/0.08-0.29 OZ/TON AG}

MAP(S) {GEOL 2313 ODM/GEOL 2361 ODM}

SHKLANKA, R. 1989  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282/ \*CG\*  
 -----  
 / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-661

CREIGHTON TP-LOT 5 CON 1  
 NI(7) CU(7)

41/I/06 46 27 30 081 13 55 CREIGHTON TP/ LOT 5 CON 1  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {ODM MAP 2170}  
 CANMINDEX NUMBER {004843}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN INTRUSIVE ROCKS}  
 GEOLOGY {SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE}

TYPE {MAGMATIC NI-CU}  
 SUBTYPE {SUDBURY SUBLAYER/OFFSETS}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {SUDBURY NICKEL IRRUPTIVE AND OFFSETS}  
 ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM MAP 2170}

MAP(S) {GEOL 2170 ODM/GEOL 2361 ODM}

41-662

DENISON TP- LOT 8 CON 4  
 NI(7) CU(7)

41/I/06 46 25 11 081 22 58 DENISON TP/ LOT 8 CON 4  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {ADIT/ ODM MAP 2119}  
 CANMINDEX NUMBER {004844}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN INTRUSIVE ROCKS}  
 GEOLOGY {SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE}

REMARKS {SOUTHEAST OF VICTORIA MINE}

TYPE {MAGMATIC NI-CU}  
 SUBTYPE {SUDBURY SUBLAYER/OFFSETS}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {SUDBURY NICKEL IRRUPTIVE AND OFFSETS}  
 ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM GR 60/PG 55}

MAP(S) {GEOL 2119 ODM/GEOL 2361 ODM}

CARD, K.D. 1968  
 GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
 NO 60/ PG 54/ \*AC\*

41-663

DRURY TP-LOT 3 CON 3 {LOUGHRAM & DWYER}  
 CU(7) NI(7)

41/I/06 46 23 41 081 27 50 DRURY TP/ LOT 3 CON 3  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {SW PIT/ ODM MAP 2055}  
 CANMINDEX NUMBER {004845} NMI NUMBER {041/I/06/NI/001}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {IRREGULAR IN INTRUSIVE ROCKS}  
 GEOLOGY {SLFDS IN MAFIC INTRUSIVES}

REMARKS {2 PITS {WITH CU-NI} 1050 FT APART}

TYPE {MAGMATIC NI-CU}  
 SUBTYPE {OTHER THAN SUDBURY}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {NIPPISING DIABASE}  
 REL. TO NIP. DIABASE {SEGREGATION IN DIABASE/GABBRO}  
 SOURCE {ODM MAP 2055}

MAP(S) {GEOL 2055 ODM/GEOL 2361 ODM}

CARD, K.D. 1965  
 HYMAN & DRURY TOWNSHIPS/ ODM GEOL REPT 34/ \*AB\*

41-664

DENISON TP-LOT 3 CON 5  
 NI(7) CU(7)

41/I/06 46 25 52 081 20 16 DENISON TP/ LOT 3 CON 5  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {PIT/ ODM MAP 2119}  
 CANMINDEX NUMBER {004846} NMI NUMBER {041/I/06/NI/024}

CU DEPOSIT TYPE {MAGMATIC NI-CU}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN INTRUSIVE ROCKS}  
 GEOLOGY {SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE}

TYPE {MAGMATIC NI-CU}  
 SUBTYPE {SUDBURY SUBLAYER/OFFSETS}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {SUDBURY NICKEL IRRUPTIVE AND OFFSETS}  
 ORE MNRLS {PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {NMI}  
 COMMENTS {ALONG IRRUPTIVE CONTACT}

MAP(S) {GEOL 2119 ODM/GEOL 2361 ODM}

CARD, K.D. 1968  
 GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
 NO 60/ PG 58/ \*AC\*

41-665

DRURY TP-LOT 4 CON 4  
 CU(7) NI(7)

41/I/06 46 25 08 081 28 20 DRURY TP/ LOT 4 CON 4  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {PIT/ ODM MAP 2055}  
 CANMINDEX NUMBER {004847}

CU DEPOSIT TYPE {VOLCANIC EXHALATIVE}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {VOLCANIC EXHALATIVE}  
 SUBTYPE {SULPH FE FORMATION}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {HURONIAN VOLCANIC ROCKS}  
 ORE MNRLS {PYRITE/PYRRHOTITE/CHALCOPYRITE}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {NMI}  
 COMMENTS {LOW GRADE MINERALIZATION}

MAP(S) {GEOL 2055 ODM/MIN PDT P1512 OGS}



41-666

DRURY TP-LOT 4 & 5 CON 3 (GRIMSELL)  
CU(6) NI(6)41/1/06 46 23 57 081 28 43 DRURY TP/ LOTS 4 & 5 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (PIT/ ODM MAP 2055)  
CANINDEX NUMBER (004848) NMI NUMBER (041/1/06/NI/022)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISS SLFDS IN SILICIFIED METAGABBRO & METASED RKS)

REMARKS (SEVERAL SHOWINGS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/MCKIM FORMATION)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 34/PG 32)

MAP(S) (GEOLOGICAL 2055 ODM/MIN POT P1512 OGS)

CARD, K.D. 1965  
GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOLOGICAL  
REPORT NO 34/ PG 32/ \*AC\*

41-667

DRURY TP-LOT 5 CON 2  
CU(7)41/1/06 46 23 06 081 29 18 DRURY TP/ LOT 5 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANINDEX NUMBER (004849)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUBBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 2055)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2055 ODM/MIN POT P1512 OGS)

CARD, K.D. 1965  
GEOLOGY OF HYMAN & DRURY TOWNSHIPS/ ODM GEOLOGICAL  
REPORT NO 34/ \*AB\*

41-668

DRURY TP-LOT 6 CON 3  
CU(7) NI(7)41/1/06 46 24 26 081 29 26 DRURY TP/ LOT 6 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANINDEX NUMBER (004850)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN METAGABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUBBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
ALTERATION (SILICIFICATION)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 34/PG 32)

MAP(S) (GEOLOGICAL 2055 ODM/GEOL 2361 ODM)

CARD, K.D. 1965  
GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOLOGICAL  
REPORT NO 34/ PG 32/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275/ \*C\*

41-670

DWYER MINE  
AU(7) AG(7) CU(7) PB(7)41/1/06 46 25 17 081 29 39 DRURY TP/ LOT 6 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANINDEX NUMBER (004852) NMI NUMBER (041/1/06/AU/005)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN QTZ VEINS CUTTING METAVOLCS & GRANITE)

REMARKS (2 SHAFTS APPROX 650 FT APART)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES/ARCHEAN UNDIFFERENTIATED)  
ORE MNRLS (N. GOLD/GALENA/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)/VEIN BRECCIAS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM VOL 38 PT 7/PG 36-37)  
COMMENTS (ERRATIC MINERALIZATION)

MAP(S) (GEOLOGICAL 2055 ODM/GEOL PG 34 BIBL 1)

MOORE, E.S. 1930  
ORE DEPOSITS NEAR THE NORTH SHORE OF LAKE HURON/  
ODM ANN REPT 1929 PT 7/ VOL 38/ PG 34 & 36-37/  
\*AC\*CARD, K.D. 1965  
GEOLOGY OF HYMAN AND DRURY TOWNSHIPS/ ODM GEOLOGICAL  
REPORT NO 34/ PG 34/ \*AC\*---- 1898  
/ ODM ANN REPT 1898 PT 1/ VOL 7/ PG 87-88GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 99

41-671

LAKE PANACHE  
CU(7) AU(7)41/1/06 46 16 07 081 18 35 INDIAN RESERVE NO 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P669)  
CANINDEX NUMBER (004853)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAUGI FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P669)

MAP(S) (GEOLOGICAL P669 ODM/MIN POT P1512 OGS)

41-672

LA VASE LAKE  
CU(7)41/1/06 46 17 11 081 15 37 INDIAN RESERVE NO 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P669)  
CANINDEX NUMBER (004854)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P669)

MAP(S) (GEOLOGICAL P669 ODM/MIN POT P1512 OGS)

41-673

LONG LAKE GOLD MINE  
AU(3) AG(3) PB(8) CU(8) AS(8)

41/I/06 46 18 22 081 08 48 INDIAN RESERVE NO 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANMINDEX NUMBER (004855) NMI NUMBER (041/I/06/AU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN QTZ VEINS CUTTING METASEDIMENTS)

REMARKS (PRODUCTION 1908-16/ 1937-39)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (N. GOLD/ARSENOPYRITE/CHALCOPYRITE/PYRRHOTITE/  
GALENA/N.SILVER/N. ARSENIC)  
GANGUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (040) DIP (45)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM VOL 48 PT 10/PG 25-27)  
COMMENTS (PRODUCTION 1910-16/1937-39/ORE BDDY ELLIPTICAL  
WITH DIAMS OF 150 X 250FT)

MAP(S) (GEOL P612 ODM/GEOL 2361 ODM)

COLLINS, W.H. 1925  
NORTH SHORE OF LAKE HURON/ GSC MEMDIR 143/ PG  
120-122  
QUIRKE, T.T. 1917  
ESPANOLA DISTRICT ONTARIO/ GSC MEMDIR 102/ PG 52  
HURST, M.E. 1927  
ARSENIC-BEARING DEPOSITS IN CANADA/ GSC ECON GEOL  
SERIES NO 4/ PG 112  
KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMDIR 192/ PG 94-95  
COOK, H.C. 1946  
CANADIAN LODE GOLD AREAS/ GSC ECON GEOL SERIES NO  
15/ PG 68  
GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 61-62  
BAKER, M.B. 1917  
LONG LAKE GOLD MINE SUDBURY DISTRICT/ ODM ANN  
REPORT 1917/ VOL 26/ PG 157-162

41-674

LORNE TP-LOT 6 CON 4  
CU(7)

41/I/06 46 20 16 081 29 46 LORNE TP/ LOT 6 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2062)  
CANMINDEX NUMBER (004856)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM SLFDS IN QTZ VEIN ALONG FAULT IN QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS/VEIN SWARM(S)) STRIKE (050)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 35/PG 38)  
COMMENTS (ZONE 2-12 IN WIDE/25FT LONG)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965  
GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPORT 35/ PG 38/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278/ \*C\*

41-675

LOUISE TP-LOT 8 CON 2  
CU(7) NI(7)

41/I/06 46 18 08 081 23 28 LOUISE TP/ LOT 8 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (004857)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)

CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN NIPISSING GABBRO)

REMARKS (IMMEDIATELY WEST OF OLD FIRE TOWER)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 278)  
COMMENTS (ZONE APPROX 15FT ACROSS/LESS THAN 5% SLFDS)

MAP(S) (GEOL 2361 ODM/MIN POT P1512 OGS)

---- 1968  
/ ODM MISC PAPER 22/ PG 42  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279/ \*CI\*

41-676

MCINTYRE (WORTHINGTON OFFSET)  
NI(7) CU(7) AS(7)

41/I/06 46 24 25 081 24 34 DENISON TP/ LOT 10 DR 11 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHAFT/ ODM MAP 2119)  
CANMINDEX NUMBER (004858) NMI NUMBER (041/I/06/NI/004)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN QTZ DIORITE OF WORTHINGTON OFFSET)

REMARKS (SEE ALSO NMI 41 I 16 CU 21)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PENTLANDITE/MARCASITE/  
GERSDORFFITE/NICCOLITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 50/PG 52/NMI)  
COMMENTS (LARGE PIT/IN WORTHINGTON OFFSET)

MAP(S) (GEOL 2119 ODM/GEOL 2361 ODM)

CARD, K.D. 1968  
GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
50/ PG 52/ \*AC\*

---- 1917  
/ REPORT OF THE ROYAL ONTARIO NICKEL COMMISSION/  
PG 43 & 189-190  
COLEMAN, A.P. 1913  
THE NICKEL INDUSTRY/ REPT NO 170/ MINES BRANCH/  
PG 46

41-677

TAMMINEN  
CU(7) NI(7)

41/I/06 46 21 53 081 26 27 LORNE TP/ LOT 1 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2062)  
CANMINDEX NUMBER (004859)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (MINOR DISSEM SLFDS IN NIPISSING METAGABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 35/PG 41)  
COMMENTS (MINERALIZATION OF LIMITED EXTENT/GRAB SAMPLES(?)/  
0.19% & 0.01% NI)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965  
GEOLOGY OF NAIRN AND LORNE TPS/ ODM GEOL REPRD  
NO 35/ PG 41/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278/ \*CG\*

41-678

TURPEINEN  
CU(7) AU(7)41/1/06 46 20 37 081 29 30 LORNE TP/ LOT 5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2062)  
CANMINDEX NUMBER (004860)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM SLFDS IN QTZ VEIN ALONG FAULT IN QUARTZITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS) STRIKE (215) DIP (70)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 35/PG 38)  
COMMENTS (GRAB SAMPLE/3.48% CU & 0.02 OZ/TON AU/VEIN 12-20  
IN WIDE)

MAP(S) (GEOL 2062 ODM/GEOL 2361 ODM)

GINN, R.M. 1965

GEOLOGY OF NAIRN AND LORNE TOWNSHIPS/ ODM GEOL  
REPORT 35/ PG 38/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278/ \*CG\*-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-679

WORTHINGTON OFFSET  
NI(7) CU(7)41/1/06 46 24 55 081 23 47 DENISON TP/ LOT 9 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2119)  
CANMINDEX NUMBER (004861)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN QTZ DIORITE OF WORTHINGTON OFFSET)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 60/PG 52)

MAP(S) (GEOL 2119 ODM/GEOL 2361 ODM)

CARD, K.D. 1968

GEOLOGY OF DENISON-WATERS AREA/ ODM GEOL REPORT  
60/ PG 52/ \*AC\*

41-680

DRYDEN TP-LOT 10 CON 1  
NI(7) CU(7)41/1/07 46 27 42 080 47 55 DRYDEN TP/ LOT 10 CON 1  
GEOLOGICAL PROVINCE (GRENVILLE PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (004862)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 9/PG 22)  
COMMENTS (GRAB SAMPLE ASSAYED 0.93% NI & 0.22 % CU)

MAP(S) (GEOL 2361 ODM/GEOL 2009 ODM)

GRANT, J.A. 1962

GEOLOGY OF BRODER DILL NEELON AND DRYDEN  
TOWNSHIPS/ ODM GEOL REPORT NO 9/ PG 22

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275

41-681

MCCORMICKS MINE  
NI(7) CU(7)41/1/07 46 29 34 080 56 38 NEELON TP/ LOT 12 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (004863) NMI NUMBER (041/1/07/NI/001)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (MASSIVE SLFD IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 9/PG 22)  
COMMENTS (GRAB SAMPLE ASSAYED 2.41% NI & 0.30% CU)

MAP(S) (GEOL 2361 ODM/GEOL 2009 ODM)

GRANT, J.A. 1962

GEOLOGY OF BRODER DILL NEELON AND DRYDEN  
TOWNSHIPS/ ODM GEOL REPORT NO 9/ PG 22

41-682

DAVIS TOWNSHIP-1  
CU(7)41/1/09 46 40 32 080 27 20 DAVIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004864)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (GEOL 2361 ODM/MIN POT P1512 OGS)

41-683

DAVIS TOWNSHIP-2  
CU(6) NI(6)41/1/09 46 40 00 080 25 47 DAVIS TP/ LOT 1-2 CON 4 (FORMER)  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004865)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (PATCHES AND BLEBS OF SLFD IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 274)  
COMMENTS (BEST DDH ASSAY/0.89% CU & 0.38% NI/7.5FT)

MAP(S) (MIN POT P1512 OGS/GEOL 2361 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 274/ \*CG\*-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-684

JANES TOWNSHIP-1  
CU(7)41/1/09 46 40 44 080 19 31 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004866)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)

CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (MIN POT P1512 OGS/GEOL 2361 ODM)

41-685

JANES TOWNSHIP-2  
CU(7) NI(7)

41/I/09 46 41 32 080 18 16 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004867)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (MIN POT P1512 OGS)

41-686

JANES TOWNSHIP-KENNCO  
CU(7) NI(7)

41/I/09 46 41 39 080 23 00 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP P1231)  
CANMINDEX NUMBER (004868)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN NIPISSING GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MAP P1231)

MAP(S) (GEOL P1231 ODM/MIN POT P1512 OGS)

41-687

TRILLER  
CU(7) NI(7)

41/I/09 46 39 54 080 21 52 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1231)  
CANMINDEX NUMBER (004869)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1231)

MAP(S) (GEOL P1231 ODM/MIN POT P1512 OGS)

41-688

DRYDEN TP-LOT 6 CON 6  
CU(7) NI(7)

41/I/10 46 31 38 080 45 14 DRYDEN TP-LOT 6 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2017)  
CANMINDEX NUMBER (004870)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN NIPISSING GABBRO)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 9/PG 22)  
COMMENTS (AREA OF MINERALIZATION SMALL)

MAP(S) (GEOL 2017 ODM/MIN POT P1512 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 275  
GRANT, J.A. 1962  
GEOLOGY OF BRODER DILL NEELON AND DRYDEN  
TOWNSHIPS/ ODM GEOL REPORT NO 9/ PG 22/ \*AC\*

41-689

FALCONBRIDGE TP-LOT 4 CON 2  
CU(7)

41/I/10 46 35 36 080 42 32 FALCONBRIDGE TP/ LOT 4 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 1957-5)  
CANMINDEX NUMBER (004871)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS NIPISSING GABBRO)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MAP 1957-5)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1957-5 ODM/MIN POT P1512 OGS)

41-690

FALCONBRIDGE TP-LOT 8 CON 4  
NI(7) CU(7)

41/I/10 46 34 59 080 46 24 FALCONBRIDGE TP/ LOT 8 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (004872) NMI NUMBER (041/I/10/NI/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (ALONG FALCONBRIDGE FAULT CUTTING NORITE & VOLC RKS)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2170 ODM/GEOL 1957-5 ODM)

THOMSON, J.E. 1959  
GEOLOGY OF FALCONBRIDGE TP/ ODM ANN REPT 1957 PT  
6/ VOL 66/ PG 32-33

41-691

JANES TOWNSHIP-3  
CU(7)41/1/09 46 39 05 080 19 25 JANES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANINDEX NUMBER (004873)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (MIN PDT P1512 OGS/GEOL 2361 ODM)

41-692

MAC-AUER (MACKENZIE MINE/ CLAIM WR 35)  
AU(3) AG(3) CU(7)41/1/10 46 40 39 080 33 27 DAVIS TP/ LOT 14 CON 4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2037)  
CANINDEX NUMBER (004874) NMI NUMBER (041/1/10/AU/005)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ STRINGERS IN SHEAR CUTTING CONGLOM & GREYWACKE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (DOWGANDA FORMATION)  
ORE MNRLS (N. GOLD/PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ/ANKERITE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (130)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (RESERVES 1935/7692 TONS GRADING 0.870Z/TON AU)

MAP(S) (GEOL 2037 ODM/GEOL 48 M ODM)

FAIRBAIRN, H.W. 1939  
GEOLOGY OF THE ASHIGAMI LAKE AREA/ ODM ANN REPT  
1939 PT 10/ VOL 48/ PG 14KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONT EAST OF LAKE SUPERIOR/  
GSC MEM 192/ PG 144THOMSON, J.E. 1963  
KELLY & DAVIS TPS/ ODM GEOL REPT 15/ PG 18/ \*AC\*GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 58KINDLE, E.D. 1933  
MOOSE MT/ WANAPITEI AREA/ ODM ANN REPT 1932 PT 4/  
VOL 41/ PG 47---- 1951  
ODM ANN REPT 1950/ VOL 59/ TABLE 4---- 1935  
CANADIAN MINES HANDBOOK 1935/ PG 147

41-693

PAPINEAU  
AU(7) AG(7) CU(7) PB(7) AS(7)41/1/10 46 36 15 080 58 20 BLEZARD TP/ LOT 3 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (004875) NMI NUMBER (041/1/10/AU/007)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUTTING ONAPING FM)

REMARKS (NEAR CONTACT WITH MICROPEGMATITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (N. GOLD/CHALCOPYRITE/ARSENOPYRITE/GALENA)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (075)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM VOL 38 PT 3/PG 49)  
COMMENTS (VEINS ASSOC WITH DYKE-LIKE OFFSET OF MICRO  
PEGMATITE)

MAP(S) (GEOL 2170 ODM/GEOL 2361 ODM)

BURROWS, A.G. 1930  
SUDBURY BASIN AREA/ ODM ANN REPT 1929 PT 3/ VOL  
38/ PG 49

41-694

SHEPPARD MINE  
AU(7) AS(7) CU(7)41/1/10 46 41 30 080 44 00 MACLENNAN TP/ LOT 4 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (NMI)  
CANINDEX NUMBER (004876) NMI NUMBER (041/1/10/AU/008)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS AT GABBRO/ QTZITE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/MISSISSAGI FORMATION)  
ORE MNRLS (N. GOLD/ARSENOPYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (NMI)  
COMMENTS (GRAB SAMPLE/0.0580Z/TON AU)

MAP(S) (GEOL 2009 ODM/MIN PDT P1512 OGS)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 146

41-695

SKEAD GOLD MINE  
AU(5) CU(5)41/1/10 46 40 00 080 44 40 MACLENNAN TP/ LOT 5 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT/ ODM MAP 2009)  
CANINDEX NUMBER (004877) NMI NUMBER (041/1/10/AU/009)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN ALONG CONTACT BTWN ALTERED QTZITE & ARGILLITE)REMARKS (3 SMALL DRE SHOOT/ 488 TONS SHIPPED FOR TEST  
PURPOSES IN 1946)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION)  
ORE MNRLS (N. GOLD/CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (270) DIP (25)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR NO 2/PG 27)  
COMMENTS (165FT LEVEL/3 SMALL AU-BEARING SHOOT/WEST/  
EAST&CENTRAL/ORE APPEARS STRAT CONTR)

MAP(S) (GEOL 2009 ODM/GEOL P367 ODM)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 146THOMSON, J.E. 1961  
GEOLOGY OF MACLENNAN AND SCADDING TOWNSHIPS/ ODM  
GEOL REPT NO 2/ PG 27/ \*AC\*GORDON, J.B. 1979  
GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 74

41-696

SUDDRE (WANAPITEI BASIN)  
AU(2) CU(8) NI(8) CO(8) AG(8) AS(8)41/1/10 46 39 26 080 36 54 SCADDING TP/ LOT 5-6 CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (ODM MAP 2009)  
CANINDEX NUMBER (004878) NMI NUMBER (041/1/10/AU/015)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN INTRUSIVE & ADJ SEDS/ ALSO SLFD IN GABBRO)REMARKS (2 TYPES OF MINERALIZATION/ AU-CU IN QTZ FISSURE  
VEINS/ SLFDS IN GABBRO)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE/MISSISSAGI FORMATION)  
 ORE MNRLS (PYRITE/N. GOLD)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (VEIN SWARM(S)) STRIKE (120)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
 --ALONG DIABASE/SEDIMENT CONTACT)  
 SOURCE (NMI)  
 COMMENTS (RESERVES IN 3 SHOOT(1945)/42000 TONS GRADING  
 0.36 OZ/TON AU)

MAP(S) (GEOLOGICAL 2009 ODM/GEOLOGICAL P367 ODM)

KINDLE, E.D. 1936  
 GOLD OCCURRENCES OF ONT. EAST OF LAKE SUPERIOR/  
 GSC MEM 192/ PG 146  
 THOMSON, J.E. 1961  
 MACLENNAN & SCADDING TOWNSHIPS/ ODM GEOL REPT 2/  
 \*AC\*  
 KINDLE, L.F. 1933  
 MOOSE MT-WANAPIREI AREA/ ODM ANN REPT 1932 PT 4/  
 VOL 41/ PG 45  
 GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 81-82

41-697

TECUMSEH  
 AU(7) CU(7)

41/1/10 46 40 52 080 31 32 DAVIS TP/ LOT 11 CON 4 (FORMER  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2037)  
 CANMINDEX NUMBER (004879) NMI NUMBER (041/1/10/AU/006)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD-AU VEINS CUT NIPPISING GABBRO)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (N. GOLD/PYRITE/CHALCOPYRITE/BORNITE)  
 GANGUE (QUARTZ/ANKERITE)  
 VEIN TYPE (VEIN SETS) STRIKE (100) DIP (60)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (NMI)  
 COMMENTS (SOME 21 VEINS AT LOCATION/GRADES LOCALLY HIGH)

MAP(S) (GEOLOGICAL 2037 ODM/GEOLOGICAL P367 ODM)

FAIRBAIRN, H.W. 1939  
 GEOLOGY OF THE ASHIGAMI LAKE AREA/ ODM ANN REPT  
 1939 PG 10/ VOL 48/ PG 14  
 THOMSON, J.E. 1963  
 GEOLOGY OF KELLY AND DAVIS TOWNSHIPS/ ODM GEOL  
 REPT NO 15/ PG 18/ \*AC\*  
 GORDON, J.B. 1979  
 GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
 DEPOSITS CIRCULAR 18/ PG 97

41-698

WD 17-38  
 NI(7) CU(7)

41/1/11 46 44 35 081 05 51 BOWELL TP/ LOTS 3-4 CON 2-3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
 CANMINDEX NUMBER (004880)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOLOGICAL 2134 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1969  
 GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
 NO 65/ PG 34/ \*AC\*

41-699

WD 152  
 NI(7) CU(7)

41/1/11 46 44 45 081 08 43 BOWELL TP/ LOT 7 CON 3  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
 CANMINDEX NUMBER (004881)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOLOGICAL 2134 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1969  
 GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
 NO 65/ PG 34/ \*AC\*

41-700

WD 212  
 NI(7) CU(7)

41/1/11 46 43 48 081 08 36 BOWELL TP/ LOT 7 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
 CANMINDEX NUMBER (004882)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOLOGICAL 2134 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1969  
 GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
 NO 65/ PG 34/ \*AC\*

41-701

WD 233  
 NI(7) CU(7)

41/1/11 46 44 58 081 11 11 FOY TP/ LOT 1 CON 3  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2133)  
 CANMINDEX NUMBER (004883)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY NICKEL IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
 ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOLOGICAL 2133 ODM/GEOLOGICAL 2170 ODM)

CARD, K.D. 1969  
 GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
 65/ PG 34/ \*AC\*

41-702

WD 237  
 NI(7) CU(7)

41/1/11 46 44 12 081 07 55 BOWELL TP/ LOT 6 CON 2  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
 CANMINDEX NUMBER (004884)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)

CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOL 2134 ODM/GEOL 2170 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
NO 65/ PG 34/ \*AC\*

41-703

WD 247  
NI(7) CU(7)

41/I/11 46 44 50 081 11 47 FOY TP/ LOT 2 CDN 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (004885)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOL 2133 ODM/GEOL 2170 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
NO 65/ PG 34/ \*AC\*

41-704

WD 248  
NI(7) CU(7)

41/I/11 46 44 49 081 12 25 FOY TP/ LOT 3 CDN 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2133)  
CANMINDEX NUMBER (004886)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOL 2133 ODM/GEOL 2170 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
NO 65/ PG 34/ \*AC\*

41-705

HESS LAKE MAGNETITE (BARDSWICH)  
FE(5) CU(5)

41/I/12 46 43 05 081 33 10 HESS TP/ LOT 10-11 CDN 1  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (004887)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (MAGNETITE-SLFD RICH SKARN IN ESPANOLA FM)

REMARKS (PRIMARILY FE PROSPECT)

TYPE (SKARN)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (MAGNETITE/CHALCOPYRITE/PYRITE)  
GANGUE (CALC-SILICATES)  
STRIKE (045)

REL TO NIP.DIABASE (SKARN)  
SOURCE (ODM MAP P1111 MARGINAL NOTES)  
COMMENTS (MAGNETITE DEPOSIT WITH LOCAL CLCP/7.6M WIDE/180M  
LONG/DDH 31-57% FE/TR-0.65% CU)

MAP(S) (GEOL P1111 ODM/GEOL 2170 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*CG\*  
SHKLANKA, R. 1968  
IRON DEPOSITS OF ONTARIO/ ODM MIN RES CIRC NO 11/  
PG 339/ \*CG\*  
OSBORNE, F.F. 1930  
GEOLOGY OF THE CARTIER-STRALAK AREA/ ODM ANN REPT  
1929 PT 7/ VOL 38/ PG 66

CARD, K.D. 1976  
BENNY AREA/ CARTIER-CARHESSE LAKE SHEET/ ODM MAP  
P1111/ MARGINAL NOTES

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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPORT  
5256/ PG 125-128

41-706

CENTRAL HESS TOWNSHIP  
ZN(6) PB(6) CU(6)

41/I/13 46 45 58 081 30 43 CENTRAL HESS TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (004888)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (PDS & VEINS OF SLFD IN RECRYSTALLIZED DOLOMITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (SPHALERITE/GALENA/PYRITE/CHALCOPYRITE)  
GANGUE (CARBONATE)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN BRECCIAS)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS OPEN FILE 5256/PG 122-124)  
COMMENTS (SLFDS IN DOLOMITIC/DOLOMITIC BRECCIA NEAR ARCHEAN/  
PROT UNCONFORMITY)

MAP(S) (GEOL P1108 ODM/GEOL MAP BIBL 2)

CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPORT  
5265/ PG 122-124

GUTHRIE, A.E. 1974  
A LEAD ZINC COPPER DEPOSIT IN ESPANOLA FORMATION  
HESS TOWNSHIP/ UNPUB BSC THESIS 1974/ LAURENTIAN  
UNIVERSITY SUDBURY

41-707

SPANISH RIVER ZINC  
ZN(7) NI(7) CO(7) CU(7)

41/I/13 46 47 14 081 42 49 CRAIG TP/ LOT 1-2 CDN 4-5  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P1107)  
CANMINDEX NUMBER (004889) NMI NUMBER (041/I/13/ZN/002)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFD-FACIES FE FM)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/SPHALERITE/GALENA/CHALCOPYRITE)  
REL TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 274)  
COMMENTS (DDH INTERSECTED TRACES OF NI CO & CU IN ZONE  
127FT WIDE)

MAP(S) (GEOL P1107 ODM/MIN POT P1512 OGS)

OSBORNE, F.F. 1930  
THE CARTIER-STRALAK/ ODM ANN REPORT 1929 PT 7/  
VOL 38/ PG 65  
BELL, R. 1891  
SUDBURY MINING DISTRICT/ GSC SUMM REPT 1891 PT F/  
VOL 5/ PG 30  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 274  
CARD, K.D. 1978

GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPORT  
5256/ PG 118-119

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-708

STRAIGHT LAKE (TURJA)  
ZN(7) CU(7) PB(7)41/I/13 46 48 12 081 40 35 ULSTER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1107)  
CANMINDEX NUMBER (004890) NMI NUMBER (041/I/13/ZN/003)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (DISSEM & MASSIVE SLFDS IN SILICEOUS METASED/S/TUFFS)REMARKS (EASTERN EXTENSION OF STRALAK PROSPECT (CRAIG TP/  
41 I/11))TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (PYRRHOTITE/PYRITE/CHALCOPYRITE/SPHALERITE/GALENA)  
ALTERATION (SILICIFICATION)  
STRIKE (090)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (OGS OPEN FILE REPT 5256/PG 117)  
COMMENTS (ZONE 1.5M WIDE/120M LONG/GRAB SAMPLE ASSAYED  
0.44% CU & 3.55% ZN)

MAP(S) (GEOL P1107 ODM/GEOL 38H ODM)

OSBORNE, F. F. 1930  
THE CARTIER-STRAK AREA/ ODM ANN REPT 1929 PT 7/  
VOL 38/ PG 65  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282  
CARD, K. D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPORT  
5256/ PG 117-118

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-709

COPENHAGEN  
PB(7) ZN(7) CU(7)41/I/14 46 49 01 081 04 48 KITCHENER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
CANMINDEX NUMBER (004891)CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS IN LEAN FE FM)TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (SPHALERITE/GALENA/PYRRHOTITE)  
STRIKE (065)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 36)  
COMMENTS (GRAB SAMPLE/2.01% PB & 1.25% ZN/MOST  
MINERALIZATION LOW GRADE)

MAP(S) (GEOL 2134 ODM/GEOL 2170 ODM)

CARD, K. D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPT 65/  
PG 36/ \*AC\*  
KINDLE, L. F. 1933  
MOOSE MOUNTAIN-WANIPITEI AREA/ ODM ANN REPORT  
1933 PT 4/ VOL 41/ PG 38  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 278

41-710

FOY TP-FOY OFFSET EXTENSION  
NI(7) CU(7)41/I/14 46 47 52 081 18 08 FOY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2133)  
CANMINDEX NUMBER (004892)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET EXTENSION OF SUDBURY IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 282)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOL 2133 ODM/GEOL 2170 ODM)

CARD, K. D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
NO 65/ PG 34/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 282

41-711

STERLING  
NI(7) CU(7)41/I/14 46 45 36 081 27 40 HESS TP/ LOT 2 CON 4  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1108)  
CANMINDEX NUMBER (004893) NMI NUMBER (041/I/14/CU/003)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN DIABASE DYKE)

REMARKS (POSSIBLE CONTINUATION OF FOY OFFSET)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 277)  
COMMENTS (DDH/COMBINED CU+NI FROM 0.33-1.26%/2-18FT/DYKE IN  
35FT WIDE)

MAP(S) (GEOL P1108 ODM/GEOL 2316 ODM)

OSBORNE, F. F. 1930  
THE CARTIER-STRAK AREA/ ODM ANN REPORT 1929 PT  
7/ VOL 38/ PG 66  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*CG\*  
CARD, K. D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPORT  
5256/ PG 131-132

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-712

WD 13  
NI(7) CU(7)41/I/14 46 45 08 081 04 44 BOWELL TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2134)  
CANMINDEX NUMBER (004894)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2134)

MAP(S) (GEOL 2134 ODM/GEOL 2170 ODM)



41-713

WD 234  
NI(7) CU(7)41/1/14 46 45 03 081 12 46 FOY TP/ LOT 3 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2133)  
CANINDEX NUMBER (004895)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN FOY OFFSET OF SUDBURY IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 65/PG 34)

MAP(S) (GEOL 2133 ODM/GEOL 2170 ODM)

CARD, K.D. 1969  
GEOLOGY OF LEINSTER-BOWELL AREA/ ODM GEOL REPORT  
NO 65/ PG 34/ \*AC\*

41-714

BARRY-TOWERS  
AU(7) AG(7) CU(7) PB(7)41/1/15 46 54 11 080 50 07 FRALECK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P424)  
CANINDEX NUMBER (004896) NMI NUMBER (041/1/15/AU/011)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS CUT NIPissing GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
ORE MNRLS (CERUSITE/ANGLESITE/CHALCOPYRITE/PYRITE/  
ARSENOPYRITE/COVELLITE/N. GOLD)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (110)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 276)  
COMMENTS (SELECTED GRAB/12.93% PB/1.5% CU/1.49 OZ/TON AG &  
0.91 OZ/TON AU/VEIN 1FT WIDE)

MAP(S) (GEOL P424 ODM/GEOL 2361 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 103  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276

41-715

CRYSTAL/ COMSTOCK/ GORDON  
AU(3) CU(7)41/1/15 46 45 10 080 37 20 RATHBUN TP/ LOTS 5-7 CON 3-4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (OGS MAP P1512)  
CANINDEX NUMBER (004897) NMI NUMBER (041/1/15/AU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB VEINS ALONG OR NEAR DIABASE-SEDS CONTACT)

REMARKS (3 DEPOSITS - CRYSTAL COMSTOCK &amp; GORDON)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPissing DIABASE)  
ORE MNRLS (PYRITE/N. GOLD/CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS/VEIN SWARM(S))  
REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (OGS MDC 18/ PG 80-81)  
COMMENTS (PRODUCTION 1897-1898/1908 387 OZ AU FROM 730 TONS  
MILLED/NET 0.530Z/TON AU)

MAP(S) (GEOL 1609 ODM/GEOL 1948 ODM)

GORDON, J.B. 1979  
GOLD DEPOSITS OF ONT PART 2/ OGS MIN DEP CIRC NO  
18/ PG 80-81  
KINDLE, E.D. 1936GOLD OCCURRENCES OF ONT EAST OF LAKE SUPERIOR/  
GSC MEM 192/ PG 140-144  
QUIRKE, T.T. 1922  
WANAPITEI LAKE MAP AREA/ GSC SUMM REPT 1921D/ PG  
50  
COLLINS, W.H. 1917  
ONAPING MAP AREA/ GSC MEMOIR 95/ PG 114-116  
KINDLE, L.F. 1933  
MOOSE MT-WANAPITEI AREA/ ODM ANN REPT 1932 PT 4/  
VOL 41/ PG 46  
HOPKINS, P.E. 1922  
ONTARIO GOLD DEPOSITS/ ODM ANN REPT 1921 PT 2/  
VOL 30/ PG 4

41-716

DECADE  
PB(5) ZN(5) AG(5) CU(5) AU(5)41/1/15 46 50 06 080 52 44 PARKIN TP/ LOT 4-6 CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2180)  
CANINDEX NUMBER (004898) NMI NUMBER (041/1/15/PB/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT LIMESTONE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (GALENA/CHALCOPYRITE/SPHALERITE)  
GANGUE (QUARTZ/ANKERITE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (130)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (CHIPS/0.47% PB/0.32% CU/0.34 OZ/TON AG/8FT/2.54%  
PB/0.07% CU/2.54 OZ/TON AG/SFT)

MAP(S) (GEOL 2180 ODM/GEOL 413 ODM)

KINDLE, L.F. 1933  
MOOSE MOUNTAIN-WANAPITEI AREA/ ODM ANN REPORT  
1932 PT 4/ VOL 41

41-717

FRALECK TOWNSHIP-1  
CU(7)41/1/15 46 57 12 080 52 03 FRALECK TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ W PEARSON VERIFIED 1978)  
CANINDEX NUMBER (004899)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN HIGHLY DEFORMED MAFIC METAVOLCANICS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (WNP FIELD DATA)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN P0T P1512 OGS/GEOL 2361 ODM)

41-718

FRALECK TOWNSHIP-2  
AU(7) AG(7) PB(7) CU(7)41/1/15 46 53 40 080 49 47 FRALECK TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P424)  
CANINDEX NUMBER (004900) NMI NUMBER (041/1/15/AU/011)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS CUT NIPissing DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPissing DIABASE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 276)  
COMMENTS (SIMILAR TO BARRY-TOWERS OCCURRENCE)

MAP(S) (GEOL P424 ODM/GEOL 2361 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276

41-719

KELLY TOWNSHIP  
NI(7) CU(7)

41/1/15 46 45 14 080 32 28 KELLY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004901)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (MIN POT P1512 OGS/GEOL 2361 ODM)

41-720

WOLF LAKE  
AU(7) CU(7)

41/1/15 46 51 22 080 38 20 MACKELCAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004902)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN UNDIFFERENTIATED)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1512)

MAP(S) (MIN POT P1512 OGS/GEOL 2361 ODM)

41-721

WR 68  
CU(7)

41/1/15 46 50 06 080 57 21 HUTTON TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2180)  
CANMINDEX NUMBER (004903)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS IN FE FM)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 80/PG 41)

MAP(S) (GEOL 2180 ODM/GEOL 2361 ODM)

MEYN, H.D. 1970

GEOLOGY OF HUTTON AND PARKIN TOWNSHIPS/ ODM GEOL  
REPORT NO 80/ PG 41/ \*AC\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 276/ \*CG\*

41-722

AUMACHO RIVER MINES  
CU(7) AG(7) AU(7) CO(7)

41/1/16 46 54 26 080 17 24 AFTON/ SCHOLES TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004904)

CU DEPOSIT TYPE (UNCLASSIFIED)

CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN UNDIFFERENTIATED)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS GR 170/PG 58)  
COMMENTS (DETAILS ON PROPERTY UNCERTAIN)

MAP(S) (GEOL 2385 ODM/MIN POT P1512 OGS)

MEYN, H.D. 1977

GEOLOGY OF AFTON-SCHOLES AREA/ OGS GEOL REPORT  
170/ PG 58

/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-723

GEOPHYSICAL ENGINEERING  
CU(7)

41/1/16 46 50 35 080 11 57 CLEMENT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 2386)  
CANMINDEX NUMBER (004905)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN NIPPISING GABBRO (?))

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 170/PG 62)  
COMMENTS (2 GRAB SAMPLES/0.15 & 0.21% CU/TR NI)

MAP(S) (GEOL 2386 OGS/MIN POT P1512 OGS)

MEYN, H.D. 1977

GEOLOGY OF AFTON-SCHOLES MACBETH AND CLEMENT  
TOWNSHIPS/ OGS GEOL REPORT 170/ PG 62/ \*AC\*

41-724

GEO-SCIENTIFIC PROSPECTORS  
CU(7)

41/1/16 46 55 09 080 17 09 SCHOLES TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ OGS MAP 2385)  
CANMINDEX NUMBER (004906)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (VEINLETS & DISSEM SLFDS IN FINE-GRAINED ANDESITE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE)  
ALTERATION (CHLDRITIC/OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 170/PG 62)  
COMMENTS (SPARSE MINERALIZATION)

MAP(S) (GEOL 2385 OGS/MIN POT P1512 OGS)

MEYN, H.D. 1977

GEOLOGY OF AFTON-SCHOLES AREA/ OGS GEOL REPORT  
170/ PG 62/ \*AC\*

41-725

GULL LAKE  
CU(7)

41/1/16 46 53 58 080 10 34 PHYLLIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 2385)  
CANMINDEX NUMBER (004907)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN COBALT GROUP SEDIMENTS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (HURONIAN UNDIFFERENTIATED)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 28/PG 21)

MAP(S) (GEOLOGICAL 2385 OGS/MIN POT P1512 OGS)

SIMONY, P.S. 1964  
 GEOLOGY OF NORTHWESTERN TIMAGAMI AREA/ ODM GEOL  
 REPORT NO 28/ PG 21

41-726

MCNISH TP  
 CU(7) NI(7)

41/I/16 46 46 51 080 17 46 MCNISH TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
 CANMINDEX NUMBER (004908)

CU DEPOSIT TYPE (UNCLASSIFIED)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
 GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MAP P1512)

MAP(S) (MIN POT P1512 OGS/GEOLOGICAL P1230 ODM)

41-727

TAYLOR-CASWELL NO 1 (GRAINGER-MILLETTE)  
 AU(7) CU(7) PB(7) ZN(7) AG(7)

41/I/16 46 56 08 080 17 00 SCHOLLES TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (OGS MAP 2385)  
 CANMINDEX NUMBER (004909) NMI NUMBER (041/I/16/AU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (SLFDS IN SILICIFIED BRECCIA IN ACID METAVOLCANICS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (PYRRHOTITE/PYRITE/N. GOLD/CHALCOPYRITE/GALENA/  
 SPHALERITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (VEIN BRECCIAS/VEIN SWARM(S))  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 170/PG 62-63)  
 COMMENTS (GRABS/TR AU/0.8% PB/0.26% ZN/0.11% CU/ & 0.04% PB/  
 1.28% ZN/TR CU/NIL AU)

MAP(S) (GEOLOGICAL 2385 OGS)

MOORE, E.S. 1937  
 GEOLOGY OF THE AFTON-SCHOLLES AREA/ ODM ANN REPORT  
 1936 PT 6/ VOL 45/ PG 48/ \*AC\*  
 MEYN, H.D. 1977  
 GEOLOGY OF AFTON SCHOLLES MACBETH AND CLEMENT  
 TOWNSHIPS/ OGS REPORT 170/ PG 62-63/ \*AC\*

41-728

HAVILAH MINE (OPHIR)  
 AU(4) AG(4) CU(7)

41/J/05 46 28 27 083 42 20 GALBRAITH TP/ LOT 11-12 CON 3  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
 CANMINDEX NUMBER (004910) NMI NUMBER (041/J/05/AU/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-CARBONATE VEINS IN DIABASE)

REMARKS (ONE MAIN VEIN/ 3 SMALLER PARALLEL VEINS BRANCHING  
 AWAY)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (AU (MINOR CU))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (N. GOLD/CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (075) DIP (80)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)

SOURCE (GSC MEM 125/PG 116-118)  
 COMMENTS (MAIN VEIN 1300FT LONG/1.5-7FT WIDE)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM)

COLLINS, W.H. 1925  
 NORTH SHORE OF LAKE HURON/ GSC MEM 143/ PG 116-118  
 SUTHERLAND, T.F. 1923  
 MINES OF ONTARIO/ ODM ANN REPT 1923 PT 6/ VOL 32/  
 PG 29  
 FERGUSON, S.A. 1971  
 GOLD DEPOSITS OF ONT PART 1/ ODM MIN RES CIRC 13/  
 PG 18  
 KINDLE, E.D. 1936  
 GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
 GSC MEMOIR 192/ PG 20  
 SLAGHT, A. 1895  
 REPORT OF INSPECTOR/ ODM ANN REPT REPT 1894/ VOL  
 4/ PG 231-233

41-729

CAMPBELL ISLAND  
 PB(7) AG(7) CU(7)

41/J/08 46 26 30 082 20 00 TOWNSHIP 137  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (NMI)  
 CANMINDEX NUMBER (004911) NMI NUMBER (041/J/08/PB/001)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEIN IN DIABASE)

REMARKS (CAMPBELL ISLAND IS IN CENTRAL WHISKEY LAKE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (GALENA/CHALCOPYRITE)  
 GANGUE (QUARTZ/CALCITE)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (315) DIP (30)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM GR 10/PG 55-56)  
 COMMENTS (QTZ VEIN APPROX 6FT WIDE/SLFDS&CALCITE OCCUR AS  
 LENSES CLOSE TO VEIN MARGIN)

MAP(S) (GEOLOGICAL 34C ODM/GEOLOGICAL 2003 ODM)

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 & 138/ ODM GEOL REPT 10/  
 PG 65-66/ \*AC\*  
 ROBERTSON, J.A. 1960  
 THE GENERAL GEOLOGY OF PART OF THE BLIND RIVER  
 AREA/ UNPUBLISHED MSC THESIS/ VOL 1 PG 227/  
 QUEENS UNIV 1960  
 CARTER, W.E. 1905  
 MINES OF WESTERN ONTARIO/ ODM ANN REPT 1905 PT 1/  
 VOL 14/ PG 64

41-732

KENNCO-KIRKLAND LAKE  
 CU(7) NI(7)

41/I/09 46 40 21 080 23 18 JANES TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (DDH/ ODM MAP P1231)  
 CANMINDEX NUMBER (004912)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (DISSEM SLFDS IN NIPPISING GABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM MAP P1231/MARGINAL NOTES)  
 COMMENTS (10 GRAB SAMPLES ASSAYED 0.02-0.06% NI &  
 0.11-0.39% CU/ZONE APPROX 350X180FT)

MAP(S) (GEOLOGICAL P1231 ODM/MIN POT P1512 OGS)

DRESSLER, B. 1977  
 JANES TP/ OGS MAP P1231 (MARGINAL NOTES)

41-733

ELSIE MINE  
NI(3) CU(3)41/1/11 46 30 30 081 04 29 SNIDER TP/ LOT 1 CON 4-5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (P) COMMENTS (ODM MAP 2361)  
CANMINDEX NUMBER (004969) NMI NUMBER (041/1/11/NI/009)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)REMARKS (AFTER 1925 MINING OPERATIONS CONNECTED WITH  
MURRAY MINE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (100,000 - 1,000,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2361)PRODUCTION: 1901 TO 1903 30,694 TONNES ORE  
0.360% CU 0.740% NI  
COMMENTS (AVG RECOVERY GRADE/MINED FOR S)  
REFERENCE (NMI 41 1/11 NI 9/SMDR 000876)

MAP(S) (GEOL 2361 ODM/GEOL 2170 ODM)

41-734

WD 16  
NI(7) CU(7)41/1/14 46 45 08 081 02 04 WISNER TP/ LOT 9 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (004913)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (CU COMMODITY FILE)

MAP(S) (GEOL 2134 ODM/GEOL 2170 ODM)

41-735

NEW GOLDEN ROSE MINE (AFTON MINE/ ABEX)  
AU(4) AG(4) BE(7) CU(7)41/1/16 46 55 40 080 19 18 AFTON TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 2385)  
CANMINDEX NUMBER (004970) NMI NUMBER (041/1/16/AU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (IN QTZ-CARB VEINS CUTTING FE FM)

REMARKS (IRON FM IS FOLDED FAULTED &amp; BRECCIATED)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (AU (MINOR CU))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METASEDIMENTARY ROCKS)  
ORE MNRLS (N. GOLD/PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ/ANKERITE)  
VEIN TYPE (VEIN BRECCIAS/VEIN SWARM(S)) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 170/PG 46-51)  
COMMENTS (PROD 1937-41/43-44/45414 02 AU/8299 02 AG/144237  
TONS ORE)

MAP(S) (GEOL 2385 OGS/GEOL PG 47 BIBL 2)

KINDLE, E.D. 1936  
GOLD OCCURRENCES OF ONTARIO EAST OF LAKE SUPERIOR/  
GSC MEMOIR 192/ PG 131-133MOORE, E.S. 1937  
GEOLOGY OF THE AFTON-SCHOLES AREA/ ODM ANN REPORT  
1936 PT 6/ VOL 45/ PG 46-48/ \*AC\*MEYN, H.D. 1977  
GEOLOGY OF AFTON-SCHOLES MACBETH AND CLEMENT  
TOWNSHIPS/ OGS REPORT 170/ PG 46-50/ \*AC\*

GORDON, J.B. 1979

GOLD DEPOSITS OF ONTARIO PART 2/ OGS MINERAL  
DEPOSITS CIRCULAR 18/ PG 48

41-736

INTERNATIONAL COBALT & SILVER  
CU(7)41/1/16 46 56 05 080 04 46 PHYLLIS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1512)  
CANMINDEX NUMBER (004914)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CALCITE-SLFD VEIN IN MAFIC METAVOLCANICS)

REMARKS (INTERSECTED DURING DRILLING)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (CALCITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 28/PG 23)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2057 ODM/MIN POT P1512 OGS)

SIMONY, P.S. 1964

GEOLOGY OF NORTHWESTERN TIMAGAMI AREA/ ODM GEOL  
REPORT 28/ PG 23/ \*BC\*

41-737

SKUNK LAKE (COPPERFIELDS MINING CORP)  
FE(2) CU(8)41/1/16 46 55 29 080 09 58 PHYLLIS & SCHOLLES TPS  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ OGS MAP 2385)  
CANMINDEX NUMBER (004915) NMI NUMBER (041/1/16/FE/002)CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (SKARN)  
GEOLOGY (MAGNETITE-SLFD SKARN)TYPE (SKARN)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED/ARCHEAN  
METAVOLCANIC ROCKS)  
ORE MNRLS (MAGNETITE/PYRITE/CHALCOPYRITE/PYRRHOTITE)  
GANGUE (CARBONATE/CALC-SILICATES)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 170/PG 52-63)  
COMMENTS (APPROX 2 MILLION TONS FE/AGE OF SKARN UNKNOWN)

MAP(S) (GEOL 2057 ODM/GEOL 2385 OGS)

MEYN, H.D. 1977

GEOLOGY OF AFTON-SCHOLES AREA/ OGS GEOL REPORT  
170/ PG 50-61/ \*AC\*

SIMONY, P.S. 1964

GEOLOGY OF NORTHWESTERN TIMAGAMI AREA/ ODM GEOL  
REPORT 28/ PG 27-28/ \*AC\*

41-738

MAY TP-LOT 6 CON 2  
CU(7)41/J/01 46 12 31 082 00 04 MAY TP-LOT 6 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P702)  
CANMINDEX NUMBER (004916)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN NIPISSING DIABASE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P702)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM)

41-739

HOTHAM ISLAND  
CU(7) AU(7)41/J/01 46 07 38 082 13 40 HOTHAM ISLAND/ LAKE HURON  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (CENTER OF ISLAND/ ODM MAP 2309)  
CANMINDEX NUMBER (004917)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN DIABASE AND QTZITE)

REMARKS (TWO VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MISSISSAGI FORMATION/NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL TO NIP.DIABASE (CUTS SED.ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 111)  
COMMENTS (NO1 VEIN/400FT LONG 2-5FT WIDE/NO2/500FTX2FT/2  
GRABS ASSAYED 0.51 & 1.87% CU)

MAP(S) (GEOL 2309 ODM/MIN POT P1513 OGS)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPORT  
136/ PG 105/ \*AC\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111/ \*CG\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-740

BLACK CREEK  
CU(7)41/J/01 46 11 34 082 11 01 SALTER TP/ SEC 31  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
CANMINDEX NUMBER (004918)CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (DISSEM SLFDS AT EPIDIORITE CONTACT)TYPE (SKARN)  
SUBTYPE (NON-SKARN)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MCKIM FORMATION/NIPPISING DIABASE)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
REL TO NIP.DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM GR 136/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2308 ODM/MIN POT P1513 OGS)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
136/ PG 104/ \*AC\*

41-741

BISHOP  
CU(7)41/J/01 46 14 45 082 06 54 SALTER TP/ SEC 15  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP 2308)  
CANMINDEX NUMBER (004919)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS ALONG DIABASE CONTACT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 136/PG 104)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2308 ODM/MIN POT P1513 OGS)

ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPORT  
136/ PG 104/ \*AC\*

41-742

RICHER  
CU(6) NI(6) CO(6) AS(7)41/J/01 46 10 11 082 00 24 HARROW TP/ LOT 6 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004920)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-FELDSPAR-SLFD-ARSENIDE VEIN IN GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRITE/PYRRHOTITE/ARSENOPYRITE/  
COBALTITE)  
GANGUE (QUARTZ/OTHER)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (135)  
REL TO NIP.DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/ PG 277)  
COMMENTS (ZONE OVER 5FT WIDTH/20FT LENGTH/ASSAY 1.71% CO/  
4.6FT/ALSO CU & NI IN GABBRO)

MAP(S) (MIN POT P1513 OGS)

SERGIADIS, A.O. 1968  
SILVER COBALT CALCITE VEIN DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 10/ PG 56  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 277/ \*CG\*

41-743

HEFFLER NORTH  
CU(7)41/J/01 46 13 55 082 01 02 MAY TP/ LOT 8 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ ODM MAP P702)  
CANMINDEX NUMBER (004921)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFD IN NIPPISING METADIABASE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
REL TO NIP.DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MAP P702)

MAP(S) (GEOL P702 ODM/MIN POT P1513 OGS)

41-744

HEFFLER SOUTH  
CU(7)41/J/01 46 13 32 082 00 43 MAY TP/ LOT 7-8 CON 2-3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP P702)  
CANMINDEX NUMBER (004922)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS ALONG DIABASE/ SEDIMENT CONTACT (?))

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/MCKIM FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P702)

MAP(S) (GEOL P702 ODM/MIN POT P1513 OGS)

41-745

FRESHETTE ISLAND (BUFFALO ANKERITE)  
CU(5) AU(5)

41/J/01 46 07 34 082 16 46 FRESHETTE ISLAND/ LAKE HURON  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2309)  
CANMINDEX NUMBER (004923)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS NIPISSING DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (115)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 111)  
COMMENTS (VEIN 3FT WIDE/500FT LONG/ASSAYS AVG  
0.94%CU&0.0145 OZ/TON AU/1.9FT WIDTH FOR 180)

MAP(S) (GEOL 2309 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111/ \*CG\*

----- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 103  
ROBERTSON, J.A. 1976  
GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPORT  
136/ PG 104/ \*AC\*

41-746

COBDEN TP-LOT 6 CON 1  
CU(7)

41/J/02 46 11 25 082 59 40 COBDEN TP/ LOT 6 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2028)  
CANMINDEX NUMBER (004924)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN NIPISSING GABBRO)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 2028)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2028 ODM/MIN POT P1512 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 100

41-747

SPRAGGE TP  
CU(7)

41/J/02 46 12 35 082 34 44 SPRAGGE TP/ SEC 25  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2186)  
CANMINDEX NUMBER (004925)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS METADIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MAP 2186)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2186 ODM/MIN POT P1513 OGS)

41-748

LONG TP  
CU(7)

41/J/02 46 11 51 082 42 50 LONG TP/ LOT 3 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2186)  
CANMINDEX NUMBER (004926)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFD IN METASED/ METAVOLC OF PATER GROUP)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 2186)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2186 ODM/MIN POT P1513 OGS)

ROBERTSON, J.A. 1970  
GEOLOGY OF THE SPRAGGE AREA/ ODM GEOL REPORT NO  
76/ PG 73-74/ \*AC\*

41-749

BRIDGELAND TP-1  
CU(7)

41/J/05 46 21 34 083 30 48 BRIDGELAND TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (004927)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1414A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/MIN POT P1513 OGS)

41-750

BRIDGELAND TP-2  
CU(7)

41/J/05 46 25 19 083 34 53 BRIDGELAND TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (004928)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1414A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1414A GSC/MIN POT P1513 OGS)

41-751

BRIDGELAND TP-3  
CU(7)

41/J/05 46 25 48 083 30 22 BRIDGELAND TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (004929)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST {GOWGANDA FORMATION}  
REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
SOURCE {GSC MAP 1414A}  
COMMENTS {MINOR OCCURRENCE}  
MAP(S) {GEOL 1414A GSC/MIN POT P1513 OGS}

41-752

BRIDGELAND TP-4  
CU(7)

41/J/06 46 25 27 083 28 22 BRIDGELAND TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004932}

CU DEPOSIT TYPE {UNCLASSIFIED}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {GOWGANDA FORMATION}  
REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
SOURCE {GSC MAP 1415A}  
COMMENTS {MINOR OCCURRENCE PROBABLY VEIN}

MAP(S) {GEOL 1415A GSC/MIN POT P1513 OGS}

41-753

BILTON NO 2 VEIN  
CU(S)

41/J/06 46 17 40 083 10 10 PATTON TP/ LOT 3 CON 10  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004933} NMI NUMBER {041/J/06/CU/001}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {QTZ-SLFD VEINS CUT GABBRO}

REMARKS {ZONE 770 FT BY 6 FT GRADING 1.44% CU}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {GOWGANDA FORMATION}  
ORE MNRLS {CHALCOPYRITE/PYRITE/SPECULARITE/MAGNETITE}  
GANGUE {QUARTZ}  
VEIN TYPE {VEIN SWARM(S)}  
REL. TO NIP. DIABASE {CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION}  
SOURCE {NMI}  
COMMENTS {ZONE 700FT LONG/8FT WIDE GRADING 1.44% CU}

MAP(S) {GEOL 1415A GSC/GEOL 2012 ODM}

ROBERTSON, J.A. 1963  
GEOLOGY OF THE IRON BRIDGE AREA/ ODM GEOL REPORT  
NO 17/ PG 50-51/ \*AC\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-60  
1966  
---- / THE NORTHERN MINER/ OCT 13 1966

41-754

ROARING RIVER NO 2  
CU(S)

41/J/06 46 24 40 083 27 30 BRIDGELAND TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004934} NMI NUMBER {041/J/06/CU/023}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {QTZ-SLFD VEIN CUTS GOWGANDA FM}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {GOWGANDA FORMATION}  
ORE MNRLS {CHALCOPYRITE}  
GANGUE {QUARTZ}  
VEIN TYPE {UNCERTAIN OR OTHER} STRIKE {135}  
REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
SOURCE {ODM MRC 12/PG 17-18}  
COMMENTS {CORE ASSAYS RANGE 0.04% CU/1.4FT TO 2.43% CU/  
1.7FT/MOST LESS THAN 1% CU}

MAP(S) {GEOL 1415A GSC/GEOL P304 ODM}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 17-18  
---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-51/ -52/ -537

41-755

WELLS TP  
CU(7) AU(7)

41/J/06 46 23 35 083 20 12 WELLS TP/ LOT 1 CON 3  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004935} NMI NUMBER {041/J/06/AU/001}

CU DEPOSIT TYPE {UNCLASSIFIED}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {QTZ-SLFD VEINS IN DIABASE}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {NIPPISING DIABASE}  
REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
SOURCE {GSC MAP 1415A}  
COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL 1415A GSC/MIN POT P1513 OGS}

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 105/ \*CG\*

41-756

PATTON TP-LOT 6 CON 3  
CU(7)

41/J/06 46 17 55 083 08 18 PATTON TP/ LOT 6 CON 3  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004936}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
GEOLOGY {QTZ-SLFD VEIN CUTS GOWGANDA FM}

TYPE {VEIN/REPLACEMENT}  
SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {NIPPISING DIABASE}  
GANGUE {QUARTZ}  
VEIN TYPE {UNCERTAIN OR OTHER} STRIKE {090}  
REL. TO NIP. DIABASE {CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION}  
SOURCE {ODM MAP 2012}  
COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL 1415A GSC/GEOL 2012 ODM}

41-757

GOULD TP  
CU(7)

41/J/06 46 28 12 083 23 13 GOULD TP  
GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
ENTITY CODED (S) COMMENTS {GSC MAP 1415A}  
CANMINDEX NUMBER {004937}

CU DEPOSIT TYPE {UNCLASSIFIED}  
CU DEPOSIT STATUS {OCCURRENCE}  
CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
HOST {GOWGANDA FORMATION}  
REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
SOURCE {GSC MAP 1415A}  
COMMENTS {MINOR OCCURRENCE PROBABLY VEIN}

MAP(S) {GEOL 1415A GSC/MIN POT P1513 OGS}

41-758

NOUVEL TP  
CU(7)41/J/06 46 28 49 083 08 31 NOUVEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (004938)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

REMARKS (0.8KM EAST OF ABBICAN)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1415A)

MAP(S) (GEOL 1415A GSC/GEOL P304 ODM)

41-759

MONTGOMERY TP-4  
CU(7)41/J/06 46 25 17 083 05 03 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004939)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P304)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1513 OGS)

41-760

MONTGOMERY TP-5  
CU(7)41/J/06 46 25 20 083 05 21 MONTGOMERY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004940)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P304)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1513 OGS)

41-761

JUILLETTE TP-1  
CU(7)41/J/06 46 24 33 083 02 42 JUILLETTE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004941)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)SOURCE (ODM MAP P303)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1513 OGS)

41-762

JUILLETTE TP-2  
CU(7)41/J/06 46 25 00 083 01 18 JUILLETTE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004942)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P304)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1512 OGS)

41-763

PATTON TP- SEC 36 SE 1/4  
CU(7)41/J/06 46 15 55 083 05 12 PATTON TP/ SEC 36 SE 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (004943)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT NIPISSING GABBRO)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1415A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/MIN POT P1513 OGS)

41-764

PATTON TP-SEC 36  
CU(7)41/J/06 46 15 52 083 04 52 PATTON TP/ SEC 36 SE 1/4  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1415A)  
CANMINDEX NUMBER (004944)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT NIPISSING GABBRO)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 1415A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1415A GSC/MIN POT P1513 OGS)

41-765

GUNTERMAN TP  
CU(7)41/J/07 46 22 56 082 35 57 GUNTERMAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004945)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)



## GEOLOGY (QTZ-SLFD VEINS CUT DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (120) DIP (90)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/PG 111)  
 COMMENTS (ZONE TRACED FOR 3800FT/WIDTHS 1-5FT)

MAP(S) (GEOL P304 ODM/GEOL 2113 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111/ \*C\*  
 ROBERTSON, J.A. 1968  
 GEOLOGY OF TOWNSHIP 148 AND TOWNSHIP 150/ ODM  
 GEOL REPORT NO 57/ PG 134/ \*AC\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-336

41-766

ISLAND S END OF WHISKEY LAKE  
 CU(7)

41/J/08 46 24 51 082 21 07 GAISHK TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP 2003)  
 CANMINDEX NUMBER (004946)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEIN CUTTING PECORS FORMATION)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (PECORS FORMATION)  
 GANGUE (QUARTZ)  
 VEIN TYPE (UNCERTAIN OR OTHER)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MAP 2003)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2003 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 & 138/ ODM GEOL REPT 10/  
 PG 62/ \*AI\*

41-767

AGGRESSIVE MINING  
 CU(7)

41/J/08 46 15 30 082 01 12 MAY TP/ LOT 8 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P702)  
 CANMINDEX NUMBER (004947)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN GRANDPHYRIC GABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM MRC 12/ PG 279/ WNP FIELD)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM/MIN POT P1512 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279/ \*C\*

41-768

MAY TP-LOT 9 CON 5  
 CU(7)

41/J/08 46 15 15 082 01 59 MAY TP-LOT 9 CON 5  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (ODM MAP P702)  
 CANMINDEX NUMBER (004948)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN NIPPISING METADIABASE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
 SOURCE (ODM MAP P702)  
 COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM/GEOL P304 ODM)

41-769

LASCALLE  
 CU(7) NI(7)

41/J/08 46 15 16 082 06 26 SALTER TP/ SEC 11  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2308)  
 CANMINDEX NUMBER (004948)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (SLFDS IN DIABASE CUTTING GRANITE)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM GR 136/PG 105)  
 COMMENTS (BEST ASSAY 1.55% CU/0.37% NI OVER 7FT)

MAP(S) (GEOL 2308 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1976  
 GEOLOGY OF THE MASSEY AREA/ ODM GEOSCIENCE REPT  
 138/ PG 105/ \*AC\*

41-770

REYNOLDS LOCATION NO 2  
 CU(7) PB(7)

41/J/08 46 27 43 082 23 16 LEHMAN TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (STOCKWORK/ ODM MAP 2004)  
 CANMINDEX NUMBER (004950)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (PROSPECT)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ-SLFD VEINS CUTTING NIPPISING GABBRO)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (ZN-PB-AG-CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE)  
 ORE MNRLS (CHALCOPYRITE/PYRITE/GALENA)  
 GANGUE (QUARTZ/CALCITE)  
 ALTERATION (SILICIFICATION)  
 VEIN TYPE (VEIN SETS)  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM GR 10/PG 76-80)

MAP(S) (GEOL 2004 ODM/GEOL P304 ODM)

ROBERTSON, J.A. 1962  
 GEOLOGY OF TOWNSHIPS 137 AND 138/ ODM GEOL REPORT  
 NO 10/ PG 78-80/ \*AC\*

41-771

EAST BULL LAKE NO 1  
 CU(7) NI(7)

41/J/08 46 25 26 082 09 40 BDDN TP  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (C) COMMENTS (OGS MAP P1512)  
 CANMINDEX NUMBER (004951) NMI NUMBER (041/J/08/CU/008)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
 GEOLOGY (MASSIVE & DISSEM SLFDS IN GABBRO)

TYPE (MAGMATIC NI-CU)  
 SUBTYPE (OTHER THAN SUDBURY)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (HURONIAN GABBRO-ANDRTHOSITE)  
 ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM RC 12/PG 86)  
 COMMENTS (MOST ASSAYS RANGE FROM 0.1-1.6% CU & 0.1-1.5% NI)

MAP(S) (GEOL P304 ODM/MIN POT P1512 OGS)

MOORE, E.S. 1945  
GEOLOGY OF THE EAST BULL LAKE AREA/ ODM ANN REPT  
1943 PT 6/ VOL 52/ PG 14-16

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 100

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 86

BORN, P. 1978  
GEOLOGY OF THE EAST BULL LAKE LAYERED  
GABBRO-ANORTHOSITE INTRUSION DISTRICT OF ALGOMA  
ONTARIO/ GSC PAPER 78-1A/ PG 91-95

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-357/ -503/  
-356

41-772

MAY TP-LOT 7 CON 5  
CU(7)

41/J/08 46 15 48 082 00 31 MAY TP/ LOT 7 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P702)  
CANMINDEX NUMBER (004952)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN MAFIC METAVOLCANIC ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P702)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279

41-773

WHITSON LAKE  
CU(7)

41/J/08 46 15 50 082 01 50 MAY TP/ LOT 9 CON 5/6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ ODM MAP P702)  
CANMINDEX NUMBER (004953)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS IN MCKIM QUARTZITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MCKIM FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 279)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM/GEOL P304 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 279

41-774

MAY TP-LOT 11 CON 6  
CU(7)

41/J/08 46 15 55 082 02 59 MAY TP/ LOT 11 CON 6  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P702)  
CANMINDEX NUMBER (004954)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS IN QUARTZITE & MAFIC METAVOLCANIC ROCKS)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (CHERTY QUARTZITE)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MATINENDA FORMATION/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRITE)

GANGUE (QUARTZ)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP 702/ WNP FIELD)  
COMMENTS (SLFDS IN CHERTY QTZITE)

MAP(S) (GEOL P702 ODM/GEOL P304 ODM)

41-775

JOUBIN TP  
CU(7) NI(7)

41/J/08 46 26 54 082 26 31 JOUBIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (004955)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P304)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1512 OGS)

41-776

ALBANEL TP-1  
CU(7)

41/J/11 46 36 28 083 02 40 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004957)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN UNDIFFERENTIATED)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 111)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-457

41-777

ALBANEL TP-2  
CU(7)

41/J/11 46 36 24 083 03 52 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004958)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 111)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 111  
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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-457

41-778

REGAL LAKE  
CU(7)41/J/11 46 35 59 083 04 42 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ OGS MAP 2399)  
CANMINDEX NUMBER (004959)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN SHEARED GRANDOPHYRIC GABBRO)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (SPECULARITE/PYRITE/CHALCOPYRITE/CHALCOCITE)  
GANGUE (BARITE/QUARTZ/CARBONATE)  
ALTERATION (HEMATIZATION)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (100) DIP (55)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (OGS GR 178/PG 85-86)  
COMMENTS (ZDNE 3M WIDE/SPARSE MINERALIZATION)

MAP(S) (GEOL 2399 OGS/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF THE ENDIKAI LAKE AREA/ OGS REPORT 178/  
PG 65-66/ \*AC\*

41-779

RENNER NO 2  
CU(7)41/J/11 46 35 59 083 15 04 JACKSON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2350)  
CANMINDEX NUMBER (004960)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS CUT DIABASE/ GRANITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 151/PG 48-49)  
COMMENTS (AVG CU CONTENT LESS THAN 0.1%)

MAP(S) (GEOL 2350 ODM/GEOL P304 ODM)

SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPT 151/ PG 48-49

41-780

KIRKPATRICK LAKE-1  
CU(7)41/J/11 46 40 17 083 05 20 SAYER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004961)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1513)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS)

41-781

KIRKPATRICK LAKE-2  
CU(7)41/J/11 46 39 38 083 04 43 LECARON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004962)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1513)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS)

41-782

ROTHSAY  
CU(7)41/J/11 46 30 11 083 23 00 GOULD TP/ LOT 5 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2350)  
CANMINDEX NUMBER (004972)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS CUT GOWGANDA FM)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 151/PG 49)  
COMMENTS (3 GRABS/1.54% CU/0.62% CU & 0.01 20/TON AU/3.14%  
CU/ SFLDS ASSOC WITH CRBN)

MAP(S) (GEOL 2350 ODM/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1977  
GEOLOGY OF THE WAKOMATA LAKE AREA/ ODM GEOSCIENCE  
REPORT 151/ PG 49/ \*AC\*

41-783

HUGLI LAKE  
CU(7) AG(7)41/J/12 46 33 02 083 46 25 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004973)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FORMATION)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (090)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 112/PG 53-54)  
COMMENTS (QTZ VEINS UP TO 6IN WIDE IN 60FT WIDE ZONE/SELECT  
GRAB 0.01% CU & 0.4 OZ/TON AG)

MAP(S) (GEOL 2272 ODM/GEOL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MDRIN TOWNSHIPS/ ODM GEOL  
REPORT 112/ PG 53-54/ \*AC\*

41-784

CHIPMAN LAKE  
CU(7)41/J/12 46 32 48 083 46 30 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2272)  
CANINDEX NUMBER (004974)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN VEIN BRECCIA CUTTING NIPISSING DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (PYRITE/MAGNETITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN BRECCIAS)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 112/PG 57)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 2272 ODM/GEOLOGICAL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 53/ \*AC\*

41-785

STUART LAKE  
CU(7)41/J/12 46 33 42 083 46 30 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2272)  
CANINDEX NUMBER (004975)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT GOWGANDA FORMATION)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE/BORNITE/SPECULARITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (075) DIP (90)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM GR 112/PG 59)  
COMMENTS (LARGEST VEIN 2FT WIDE/GRAB 0.21% CU & 0.02 OZ/TON  
AG)

MAP(S) (GEOLOGICAL 2272 ODM/MIN POT P1513 OGS)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 59/ \*AC\*

41-786

WOOD CREEK  
CU(7)41/J/12 46 33 42 083 37 24 MORIN TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2272)  
CANINDEX NUMBER (004976)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SPARSE SLFD IN QTZ VEIN NEAR/ALONG DIABASE/GRANITE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)/VEIN SWARM(S)) STRIKE (135)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 112/PG 62)  
COMMENTS (VEIN 20FT WIDE/SELECTED GRAB/0.08% CU)

MAP(S) (GEOLOGICAL 2272 ODM/GEOLOGICAL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 62/ \*AC\*

41-787

MCMAHON LAKE  
CU(7)41/J/12 46 31 56 083 47 36 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2272)  
CANINDEX NUMBER (004977)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARB-SLFD VEIN CUTS NIPISSING QTZ DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S)) STRIKE (045)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM GR 112/PG 57)  
COMMENTS (SELECTED GRAB/0.72% CU)

MAP(S) (GEOLOGICAL 2272 ODM/GEOLOGICAL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 57/ \*AC\*

41-788

THESSALON RIVER  
CU(7)41/J/12 46 34 30 083 42 30 MORIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2272)  
CANINDEX NUMBER (004978)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEIN ASSOC WITH NIPISSING DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (CARBONATE/QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 112/PG 60-61)  
COMMENTS (VEIN 0.5-1FT WIDE/60FT LONG)

MAP(S) (GEOLOGICAL 2272 ODM/GEOLOGICAL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 60 & 62/ \*AC\*

41-789

LAMONTE LAKE EAST  
CU(7) AG(7)41/J/12 46 32 42 083 49 06 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2272)  
CANINDEX NUMBER (004979)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN VEINS & DISSEM IN NIPISSING GRANOPHYRE)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (070) DIP (90)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO/  
--SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM GR 112/PG 54-55)  
COMMENTS (GRAB OF HOST/0.02% CU)

MAP(S) (GEOLOGICAL 2272 ODM/GEOLOGICAL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOLOGICAL  
REPORT 112/ PG 54-55/ \*AC\*

41-790

CENTER ISLAND  
CU(7)41/J/12 46 31 47 083 48 14 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004980)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISSING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1413A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1413A GSC/GEOL 2272 ODM)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON & MORIN TPS/ ODM GEOL REPT 112/  
\*B\*

41-791

PATTON LAKE WEST  
CU(7)41/J/12 46 31 53 083 46 49 MCMAHON TP/ LOT 7 CON 1  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004981)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN IN NIPPISSING DIABASE)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (115) DIP (70)  
REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 102/ODM GR 112)  
COMMENTS (VEINS MAINLY IN GRANOPHYRE/SELECTED GRAB 0.16% CU)

MAP(S) (GEOL 1413A GSC/GEOL 2272 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102  
CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON & MORIN TPS/ ODM GEOL REPT 112/  
PG 57-58

41-792

LAMONTHE LAKE NORTH  
CU(7)41/J/12 46 33 12 083 49 54 MCMAHON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2272)  
CANMINDEX NUMBER (004982)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (DISSEM SLFDS IN FELDSPATHIC SANDSTONE)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM GR 112/PG 55)

MAP(S) (GEOL 2272 ODM/GEOL 1413A GSC)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON AND MORIN TOWNSHIPS/ ODM GEOL  
REPORT 112/ PG 55/ \*AC\*  
KNIGHT, C.W. 1915  
THE NORTH SHORE OF LAKE HURON/ ODM ANN REPT 1915  
PT 1/ VOL 24/ PG 239  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102

41-793

MORIN TP  
CU(7)41/J/12 46 32 45 083 39 27 MORIN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004983)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1513)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL 2272 ODM)

CHANDLER, F.W. 1973  
GEOLOGY OF MCMAHON & MORIN TPS/ ODM GEOL REPT 112/  
\*B\*

41-794

DESAYEUX LAKE  
CU(7)41/J/12 46 32 43 083 33 14 OTTER TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004983)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1513)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1413A GSC/MIN POT P1513 OGS)

41-795

GALBRAITH TP - 1  
CU(7)41/J/12 46 30 31 083 37 41 GALBRAITH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004964)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (ALONG NIPPISSING DIABASE/ SEDS CONTACT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPPISSING DIABASE)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (GSC MAP 1413A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1413A GSC/MIN POT P1513 OGS)

41-796

CHELSEY ADDITIONAL TP  
CU(7)41/J/12 46 34 04 083 53 32 CHELSEY ADDITIONAL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (004965)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (NIPPISING DIABASE)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (GSC MAP 1413A)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1413A GSC/GEOL P1238 OGS)

41-797

ECHO RIVER ROAD  
CU(7)

41/J/12 46 34 16 083 54 53 KEHDE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANINDEX NUMBER (004966)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN(S) CUT GOWGANDA FORMATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
DRE MNRLS (PYRITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1268)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 1413A GSC/GEOL P1238 OGS)

41-798

MCCLASKY NO 2  
CU(7)

41/J/14 46 46 12 083 18 52 RIOUX TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P237)  
CANINDEX NUMBER (004967) NMI NUMBER (041/J/14/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARB VEINS CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
DRE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (045)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 72)  
COMMENTS (GRADES LESS THAN 1% CU OBTAINED IN DRILLING)

MAP(S) (GEOL P237 ODM/MIN PDT P1513 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 72

/ ODM RESIDENT GEOLOGIST FILES/ SSM-606

41-799

MCCLASKY NO 3  
CU(7)

41/J/14 46 46 25 083 18 15 RIOUX TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P237)  
CANINDEX NUMBER (004968) NMI NUMBER (041/J/14/CU/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN QTZ-CARB VEINS CUTTING GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
DRE MNRLS (CHALCOPYRITE/PYRITE/SPECULARITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (045)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/ PG 72)  
COMMENTS (GRADES LESS THAN 1% CU OBTAINED IN DRILLING)

MAP(S) (GEOL P237 ODM/MIN PDT P1513 OGS)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 72

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-606

41-800

KIRBY-LEGGE NO 1 (ALGOMA GALENA/ MCNABB)  
PB(6) ZN(6) AG(6) CU(6) AU(7)

41/K/09 46 43 42 084 11 47 DEROCHE TP/ LOT 10/ CON 2 OR 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (004984) NMI NUMBER (041/K/09/PB/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD & QTZ-CARB-SLFD VEINS IN MAFIC METAVOLC ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
DRE MNRLS (GALENA/SPHALERITE/ARSENOPYRITE/CHALCOPYRITE/  
PYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (345) DIP (80)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM VOL 37 PT 3/PG 72-73)  
COMMENTS (ZONE 1500FT LONG/UP TO 3FT WIDE/SOME HIGH  
SECTIONS BUT MOST DDH LESS THAN 1%PBZN)

MAP(S) (GEOL P303 ODM/MIN PDT P1513 OGS)

HURST, M.E. 1929

CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
ALGOMA/ ODM ANN REPT 1928 PT 3/ VOL 37/ PG 72-73

1941

MINES OF ONTARIO IN 1939/ ODM ANN REPT 1940 PT 1/  
VOL 49/ PG 223

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-13/-20/-1136/  
-1139/-1140

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 21-22

PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-801

KIRBY-LEGGE NO 2 (ALGOMA GALENA/ MCNABB)  
PB(6) ZN(6) AG(6) CU(6) AU(7)

41/K/09 46 43 29 084 11 32 DEROCHE TP/ LOT 10/ CON 2 OR 3  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANINDEX NUMBER (004986) NMI NUMBER (041/K/09/PB/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD & QTZ-CARB-SLFD VEINS IN MAFIC METAVOLC ROCKS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
DRE MNRLS (GALENA/SPHALERITE/ARSENOPYRITE/CHALCOPYRITE/  
PYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (345) DIP (80)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM VOL 37 PT 3/PG 72-73)  
COMMENTS (ZONE 1500FT LONG/UP TO 3FT WIDE/SOME HIGH  
SECTIONS BUT MOST DDH LESS THAN 1%PBZN)

MAP(S) (GEOL P303 ODM/MIN PDT P1513 OGS)

HURST, M.E. 1929

CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
ALGOMA/ ODM ANN REPT 1928 PT 3/ VOL 37/ PG 72-73

1941

MINES OF ONTARIO IN 1939/ ODM ANN REPT 1940 PT 1/  
VOL 49/ PG 223

/ ODM RESIDENT GEOLOGISTS FILES/ SSM-13/-20/-1136/  
-1139/-1140

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 21-22

PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-802

KERR-SCOTT (ALGOMA GALENA/ MCNABB)  
PB(4) ZN(4) AG(4) AU(4) CU(7) AS(7)

41/K/09 46 43 55 084 11 15 DEROCHE TP/ LOT 9 CON 3  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1513)  
CANMINDEX NUMBER (004985) NMI NUMBER (041/K/09/PB/002)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD & QTZ-CARB-SLFD VEINS IN MAFIC METAVOLC ROCKS)

REMARKS (MINOR PRODUCTION FROM EITHER THIS DEPOSIT OR  
NEARBY KIRBY-LEGGE PITS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (GALENA/SPHALERITE/ARSENOPYRITE/CHALCOPYRITE/  
PYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (000) DIP (70)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 22)  
COMMENTS (ADIT 32FT LONG/GRADES SIMILAR TO KERBY-LEGGE)

MAP(S) (GEOL P303 ODM/MIN POT P1513 OGS)

HURST, M.E. 1929

CERTAIN LEAD-ZINC DEPOSITS IN THE DISTRICT OF  
ALGOMA/ ODM ANN REPT 1928 PT 3/ VOL 37/ PG 72-73  
1941  
MINES OF ONTARIO IN 1939/ ODM ANN REP 1940 PT 1/  
VOL 49/ PG 223

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-13/-20/-1136/  
-1139/-1140

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 21-22

PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-803

JARVISTON  
PB(7) ZN(7) AG(7) CU(7)

41/K/09 46 39 22 084 09 10 JARVIS TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P303)  
CANMINDEX NUMBER (004987) NMI NUMBER (041/K/09/PB/007)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (110) DIP (70)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 34)  
COMMENTS (2 VEINS/20FT LONG/ONE VEIN 10-15 IN WIDE/0.48% PB/  
0.65% ZN & 0.8 OZ/TON AG/5FT)

MAP(S) (GEOL 1412A GSC/GEOL P303 ODM)

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 34/ \*CG\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-12

41-804

INDUMIN (BELLEVUE)  
PB(7) ZN(7) CU(7)

41/K/09 46 41 47 084 12 05 JARVIS TP/ LOT 11 CON 6  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P303)  
CANMINDEX NUMBER (004988) NMI NUMBER (041/K/09/PB/005)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS CUT DIABASE & GRANITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (ARCHEAN GRANITES/MAFIC INTRUSIONS -  
UNDIFFERENTIATED)  
ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 31-32)  
COMMENTS (VEIN ZONES STRIKE NNW & E)

MAP(S) (GEOL P303 ODM/GEOL 1412A GSC)

MCCONNELL, R.G. 1927

SAULT STE MARIE AREA/ ODM ANN REPORT 1926 PT 2/  
VOL 35/ PG 46

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 31-32/  
\*C\*

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/ ODM RESIDENT GEOLOGISTS FILES/ SSM-17

41-805

DEROCHE TP-LOT 12 CON 2  
PB(7) ZN(7) AG(7) CU(7)

41/K/09 46 43 33 084 12 42 DEROCHE TP/ LOT 12 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
CANMINDEX NUMBER (004989)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS AT DIABASE/GOWGANDA FM CONTACT)

REMARKS (SLFDS ALSO IN DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/KEWEEANAWAN DIABASE)  
ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CALCITE)  
VEIN TYPE (VEIN SWARM(S))  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)  
COMMENTS (SLFD VEINS CUT BY LATER QTZ-CALCITE VEINS/LOCAL  
MASSIVE SLFDS IN DIABASE)

MAP(S) (MIN POT P1513 OGS/GEOL 1412A GSC)

41-806

DUNCAN TP  
CU(7)

41/K/09 46 36 26 084 09 18 DUNCAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P1513)  
CANMINDEX NUMBER (004990)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS MAP P1513)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS)

41-807

PRACE MINE  
PB(1) AG(1) CU(8) ZN(8)

41/K/16 46 46 14 084 15 30 VANKOUGHNET TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ADIT/ W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (004991)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD-CARB VEIN CUTS GOWGANDA ARGILLITE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (GALENA/TETRAHEDRITE/CHALCOPYRITE/PYRITE/

SPHALERITE)  
 GANGUE {CALCITE/QUARTZ}  
 VEIN TYPE {SIMPLE VEIN(S)} STRIKE {090} DIP {90}  
 REL. TO NIP. DIABASE {CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION}  
 SOURCE {WNP FIELD DATA}  
 COMMENTS {1978/550FT LONG DECLINE/110FT DEPTH/AVG GRADE OF  
 CONCENTRATE 80-100 OZ/TON AG}

MAP(S) {GEOL P302 ODM/MIN POT P1513 OGS}

PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 290/ \*AC\*

41-808

HODGINS TP-LOT 7 CON 6  
 PB(7) ZN(7) CU(7)

41/K/16 46 46 24 084 02 12 HODGINS TP/ LOT 7 CON 6  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {C} COMMENTS {ODM MAP P302}  
 CANMINDEX NUMBER {004992} NMI NUMBER {041/K/16/PB/002}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-SLFD VEINS CUT GRANITE NEAR/AT DIABASE CONTACT}

REMARKS {2 SHOWINGS 100 FT APART}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {ZN-PB-AG-CU}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN GRANITES}  
 ORE MNRLS {GALENA/SPHALERITE/CHALCOPYRITE}  
 GANGUE {QUARTZ}  
 VEIN TYPE {SIMPLE VEIN(S)} STRIKE {150} DIP {90}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER/  
 --ALONG DIABASE/SEDIMENT CONTACT}  
 SOURCE {ODM MRC 12/PG 101}  
 COMMENTS {NO 1/12FT LONG/2-4FT WIDE/NO 2 100FT SE NO 1/10FT  
 LONG/1-3FT WIDE/NO ASSAY DATA}

MAP(S) {GEOL P302 ODM/MIN POT P1513 OGS}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 101/ \*CG\*

---- / ODM RESIDENT GEOLOGISTS FILES/ 1210

41-809

BATCHAWANA RIVER  
 ZN(7) PB(7) AU(7) AG(7) CU(7)

41/N/01 47 06 17 084 27 06 NORBERG TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {ODM MAP 2251}  
 CANMINDEX NUMBER {004993} NMI NUMBER {041/N/01/ZN/001}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-SLFD VEINS CUT MAFIC METAVOLC ROCKS}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {ZN-PB-AG-CU}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METAVOLCANIC ROCKS}  
 ORE MNRLS {SPHALERITE/GALENA/CHALCOPYRITE/PYRITE}  
 GANGUE {QUARTZ}  
 VEIN TYPE {VEIN SWARM(S)}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MAP P359/MARGINAL NOTES}  
 COMMENTS {GRAB/3.79% ZN/2.06% PB/TR CU/0.01 OZ/TON AU &  
 0.60 OZ/TON AG}

MAP(S) {GEOL 2251 ODM/GEOL P359 ODM}

GIBLIN, P.E. 1966  
 ODM MAP P359 {MARGINAL NOTES}/ \*CG\*

41-810

TRONSON TP-1  
 CU(7)

41/N/01 47 11 58 084 15 29 TRONSON TP/ SW CORNER  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {OGS MAP P1516}  
 CANMINDEX NUMBER {004994}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {SLFD LENSES IN SCHIST {GRAPHITIC?}}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN UNDIFFERENTIATED}  
 ORE MNRLS {PYRITE}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 106}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL 2419 OGS/MIN POT P1516 OGS}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 106

---- ODM RESIDENT GEOLOGISTS FILES/ SSM-805

41-811

TRONSON TP-2  
 CU(7)

41/N/01 47 11 19 084 14 28 TRONSON TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {OGS MAP P1516}  
 CANMINDEX NUMBER {004995}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN UNDIFFERENTIATED}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS MAP P1516}

MAP(S) {GEOL P302 ODM/MIN POT P1516 OGS}

41-812

RUNNING TP  
 CU(7) AG(7)

41/N/01 47 13 54 084 01 00 RUNNING TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {OGS MAP P1516}  
 CANMINDEX NUMBER {004996}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {SLFDS IN METASEDIMENTS}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METASEDIMENTARY ROCKS}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 106}  
 COMMENTS {ASSAYS UP TO 0.48% CU & 0.31 OZ/TON AG}

MAP(S) {GEOL P302 ODM/MIN POT P1516 OGS}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 106

---- / ODM RESIDENT GEOLOGISTS FILES/ SSM-1005

41-813

TRONSON TP-3  
 CU(7)

41/N/01 47 08 46 084 19 54 TRONSON TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED {S} COMMENTS {OGS MAP P1516}  
 CANMINDEX NUMBER {004997}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {SLFD IN FELSIC METAVOLC ROCKS}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN METAVOLCANIC ROCKS}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 106}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1516 OGS/GEOL 2419 OGS}

SHKLANKA, R. 1969



COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 106

41-814

GLENROCK  
AU(7) CO(7) CU(7) AG(7)41/N/02 47 00 28 084 35 02 PALMER TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (DDH/ ODM MAP 2251)  
CANMINDEX NUMBER (004998) NMI NUMBER (041/N/02/AU/001)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARB-SLFD-ARSENIDE VEINS CUT MAFIC METAVOLC ROCKS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (N. GOLD/CHALCOPYRITE/COBALTITE)  
GANQUE (CARBONATE)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (110) DIP (80)  
REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 103)  
COMMENTS (MAIN ZONE 250 FT LONG/AVG WIDTH 3.5FT)

MAP(S) (GEOL 2251 ODM/GEOL P302 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-146/-1023

41-815

TROUT LAKE  
CU(6)41/N/02 47 03 51 084 41 48 MCDONNELL LOCATION  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (004999) NMI NUMBER (041/K/02/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFD IN QTZ-CEMENTED BRECCIA)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN UNDIFFERENTIATED)  
ORE MNRLS (CHALCOHITE)  
GANQUE (QUARTZ)  
ALTERATION (SILICIFICATION)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (000)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (DDH ASSAYED 0.37% CU/1.5FT & 0.30% CU/2 FT/ZONE  
APPROX 800FT LONG/300FT WIDE)

MAP(S) (GEOL 2251 ODM/GEOL P302 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*CG\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-1371

41-816

SA  
CU(7)41/N/02 47 06 12 084 42 15 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (005000)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-817

6D  
CU(7)41/N/02 47 05 51 084 42 17 KINCAID LOCATION  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (005545)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-818

POINTE AUX MINES  
PB(7) ZN(7) CU(7)41/N/02 47 08 32 084 44 13 RANKIN LOCATION  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P302)  
CANMINDEX NUMBER (005546) NMI NUMBER (041/N/02/PB/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARB-SLFD VEIN AT DIABASE/ GRANITE CONTACT)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED/ARCHEAN  
GRANITES)ORE MNRLS (GALENA/SPHALERITE/CHALCOPYRITE)  
GANQUE (CARBONATE)  
VEIN TYPE (SIMPLE VEIN(S))  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MRC 12/PG 104)  
COMMENTS (VEIN TRACED FOR 300FT/AVG WIDTH 6 IN)

MAP(S) (GEOL P302 ODM/GEOL 2419 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*C\*----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-270

41-819

7C  
CU(7)41/N/02 47 04 51 084 42 39 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (005547)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-820

RAYTOMIC-2  
CU(7)41/N/02 47 05 16 084 42 07 KINCAID TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (005548)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN GRANITES)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-821

6A  
CU(7)

41/N/02 47 05 32 084 42 16 KINCAID LOCATION  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP 2251)  
CANMINDEX NUMBER (005549)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN ALONG GRANITE & KEWEENAWAN DIABASE CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN DIABASE/ARCHEAN GRANITES)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (135)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)  
COMMENTS (VEIN ALONG KEWEENAWAN DIABASE/GRANITE CONTACT)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-822

7B  
CU(7)

41/N/02 47 04 45 084 43 36 KINCAID LOCATION  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2251)  
CANMINDEX NUMBER (005550)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN CUTTING KEWEENAWAN VOLCANICS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (KEWEENAWAN VOLCANICS)  
STRIKE (005)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2251)

MAP(S) (GEOL 2251 ODM/MIN POT P1516 OGS)

41-823

WORTHINGTON NO 2 PIT  
CU(7) NI(7)

41/I/06 46 23 10 081 26 43 DRURY TP/ LOT 1/ CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2170)  
CANMINDEX NUMBER (008365) NMI NUMBER (041/I/06/CU/017)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN QTZ DIORITE OF WORTHINGTON OFFSET)

REMARKS (SEE ALSO NMI 41 I 16 NI 23/ SMALL AMOUNT OF ORE  
REMOVED PRE 1915)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
REL TO NIP DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (NMI)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL 2170 ODM/GEOL 2055 ODM)

41-824

MCKEE  
CU(7)

41/I/05 46 16 05 081 57 53 MAY TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P702)  
CANMINDEX NUMBER (010670)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN METAVOLCANIC ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (HURONIAN VOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P702)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P702 ODM/MIN POT P1512 OGS)

41-825

DRURY TP-LOT 1 CON 5  
NI(7) CU(7)

41/I/06 46 25 30 081 26 52 DRURY TP/ LOT 1 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (010671)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2055)

MAP(S) (GEOL 2055 ODM/MIN POT P1512 OGS)

CARD, K.D. 1965

HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ \*AB\*

41-826

DRURY TP-LOT 2 CON 5  
NI(7) CU(7)

41/I/06 46 25 48 081 27 08 DRURY TP/ LOT 2 CON 5  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2055)  
CANMINDEX NUMBER (010672)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN INTRUSIVE ROCKS)  
GEOLOGY (SLFDS IN SUBLAYER OF SUDBURY IRRUPTIVE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP 2055)

MAP(S) (GEOL 2055 ODM/MIN POT P1512 OGS)

CARD, K.D. 1965

HYMAN AND DRURY TOWNSHIPS/ ODM GEOL REPT 34/ \*AB\*

41-827

SHEDDEN TP- SEC 28  
CU(7)

41/J/01 46 12 54 082 23 28 SHEDDEN TP/ SEC 28  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (010673)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (?)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (MCKIM FORMATION)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P304)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P304 ODM/MIN POT P1513 OGS)

41-828

ALBANEL TP-3  
CU(7)

41/J/10 46 33 37 082 57 23 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P560)  
CANMINDEX NUMBER (010674)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN CUTS GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (100)  
REL TO NIP DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP P560)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOL P560 ODM/MIN POT P1513 OGS)

41-829

BYE  
CU(7)

41/J/10 46 39 15 082 44 13 SAGARD TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (010675)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS CUT LORRAIN FORMATION)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (VEIN SWARM(S))  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (WNP FIELD)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P610 ODM)

41-830

FORT NORMAN EXPL-1  
CU(7) CO(7)

41/J/10 46 34 35 082 58 38 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/ OGS MAP 2399)  
CANMINDEX NUMBER (010676)

CU DEPOSIT TYPE (SKARN)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN SILICIFIED ZONE IN ESPANOLA FM)

TYPE (SKARN)  
SUBTYPE (FE-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/MAGNETITE/MALACHITE)  
GANGUE (QUARTZ/CARBONATE/OTHER)  
ALTERATION (SILICIFICATION/CHLORITIC)  
STRIKE (065) DIP (65)  
REL TO NIP DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (OGS GR 178/ PG 67-68)  
COMMENTS (ZONE 30M LONG/15M WIDE/3 GRABS-TR AU&AG/0.68%/1.29&S.35% CU/1 ASSAYED 0.09% CO)

MAP(S) (GEOL 2399 OGS/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF ENDIKAI LAKE AREA/ OGS REPORT 178/ PG  
67-69/ \*AC\*

41-831

FORT NORMAN EXPL-3  
CU(7)

41/J/10 46 33 49 082 57 27 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ OGS MAP 2399)  
CANMINDEX NUMBER (010677)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEIN BRECCIA CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (VEIN BRECCIAS/VEIN SWARM(S)) STRIKE (090)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS GR 178/ PG 67-69)  
COMMENTS (ZONE 9M WIDE/ 150M LONG/ GRAB ASSAYED TR AG/ 2.6% CU)

MAP(S) (GEOL 2399 OGS/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF ENDIKAI LAKE AREA/ OGS REPORT 178/ PG  
67-69/ \*AC\*

41-832

FORT NORMAN EXPL-4  
CU(7)

41/J/10 46 34 45 082 59 56 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ OGS MAP 2399)  
CANMINDEX NUMBER (010678)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARB-SLFD VEINS CUT NIPISSING DIABASE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (CHALCOPYRITE/SPECULARITE/MALACHITE/PYRITE)  
ALTERATION (CHLORITIC/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (040) DIP (00)  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (OGS GR 178/ PG 67-69)  
COMMENTS (GRAB ASSAYED 0.62% CU)

MAP(S) (GEOL 2399 OGS/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF ENDIKAI LAKE AREA/ OGS REPORT 178/ PG  
67-69/ \*AC\*

41-833

FORT NORMAN EXPL-5  
CU(7)

41/J/10 46 34 57 082 57 24 ALBANEL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ OGS MAP 2399)  
CANMINDEX NUMBER (010679)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEINS CUT ESPANOLA LIMESTONE)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ESPANOLA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE/MALACHITE)  
GANGUE (QUARTZ)  
ALTERATION (CHLORITIC/OTHER)  
VEIN TYPE (VEIN SWARM(S)) STRIKE (255) DIP (35)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (OGS GR 178/ PG 67-69)  
COMMENTS (3M WIDE ZONE CONTAINS QTZ-SLFD STRINGERS 2.5 TO 3.7CM WIDE)

MAP(S) (GEOL 2399 OGS/MIN POT P1513 OGS)

SIEMIATKOWSKA, K.M. 1978  
GEOLOGY OF ENDIKAI LAKE AREA/ OGS REPORT 178/ PG  
67-69/ \*AC\*

41-834

RAWHIDE LAKE  
U(7) CU(7)

41/J/10 46 38 53 082 38 33 VEIL TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P304)  
CANMINDEX NUMBER (010680) NMI NUMBER (041/J/10/U/002)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (ASSOC WITH GRANOPHYRIC PHASES OF DIABASE SILL)

REMARKS (URANINITE/ CHALCOPYRITE/ SPECULARITE)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUBBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (PITCHBLENDE/CHALCOPYRITE/SPECULARITE)  
REL. TO NIP. DIABASE (SEGREGATION IN DIABASE/GABBRO)  
SOURCE (ODM MRC 12/ PG 106)  
COMMENTS (PRIMARYLY U PROSPECT)

MAP(S) (GEOL P304 ODM/MIN POT P1513 OGS)

ROBERTSON, J.A. 1968  
URANIUM AND THORIUM DEPOSITS OF NORTHERN ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 9/ PG 12-13/ \*C\*

-----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-202/-203  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 106

41-835

FULLERTON LAKE  
CU(7)

41/J/10 46 33 59 082 45 09 RAIMBAULT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (010681)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN FAULT CUTTING GOWGANDA FM)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
REL. TO NIP. DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION)  
SOURCE (ODM MAP P561)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P561 ODM)

41-836

HEMBRUFF TP-1  
CU(7)

41/J/10 46 33 36 082 41 44 HEMBRUFF TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP P1513)  
CANMINDEX NUMBER (010682)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN ARCHEAN METASED ROCKS)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP P531)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P531 ODM)

41-837

HEMBRUFF TP-2  
CU(7)

41/J/10 46 33 17 082 41 43 HEMBRUFF TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P531)  
CANMINDEX NUMBER (010683)

CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (SLFDS IN ARCHEAN METABASALT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP P531)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P531 ODM)

41-838

HEMBRUFF TP-3  
CU(7)

41/J/10 46 33 46 082 39 51 HEMBRUFF TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P531)  
CANMINDEX NUMBER (010684)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS ALONG METAVOLC/ METASED CONTACT)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (SULPH FE FORMATION)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM MAP P531)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P531 ODM)

41-839

HEMBRUFF TP-4  
CU(7)

41/J/10 46 32 36 082 40 08 HEMBRUFF TP  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (S) COMMENTS (VEIN/ ODM MAP P531)  
CANMINDEX NUMBER (010685)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-SLFD VEIN ALONG GABBRO/ GRANITE CONTACT)

TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL. TO NIP. DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MAP P531)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (MIN POT P1513 OGS/GEOL P531 ODM)

41-840

NICHOLAS TP-1  
CU(7)

41/J/10 46 35 08 082 54 17 NICHOLAS TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP P560)  
CANMINDEX NUMBER (010686)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEIN CUTTING GORDON LAKE FORMATION)

TYPE (VEIN/REPLACEMENT)

SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GORDON LAKE FORMATION}  
 GANGUE {QUARTZ}  
 VEIN TYPE {UNCERTAIN OR OTHER} STRIKE {100}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {ODM MAP P560}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {GEOL P560 ODM/MIN POT P1513 OGS}

41-841

POULIN TP-1  
 CU(7)

41/J/10 46 39 34 082 54 47 POULIN TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED (S) COMMENTS {OGS MAP P1513}  
 CANMINDEX NUMBER {010687}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN GRANITES}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS MAP P1513}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1513 OGS/GEOL P609 ODM}

41-842

POULIN TP-2  
 CU(7)

41/J/10 46 37 22 082 57 17 POULIN TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {OGS MAP P1513}  
 CANMINDEX NUMBER {010688}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GOWGANDA FORMATION}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS MAP P1513}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1513 OGS/GEOL P609 ODM}

41-843

POULIN TP-3  
 CU(7)

41/J/10 46 37 11 082 56 53 POULIN TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {OGS MAP P1513}  
 CANMINDEX NUMBER {010689}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GOWGANDA FORMATION}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS MAP P1513}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1513 OGS/GEOL P609 ODM}

41-844

POULIN TP-4  
 CU(7)

41/J/10 46 37 42 082 56 11 POULIN TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {OGS MAP P1513}  
 CANMINDEX NUMBER {010690}

CU DEPOSIT TYPE {UNCLASSIFIED}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {UNCLASSIFIED}  
 GEOLOGY {?}

TYPE {UNCLASSIFIED}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GOWGANDA FORMATION}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS MAP P1513}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1513 OGS/GEOL P609 ODM}

41-845

SEGARD TP  
 CU(7)

41/J/10 46 37 34 082 49 24 SAGARD TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {VEIN/ ODM MAP P610}  
 CANMINDEX NUMBER {010691}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-CARB-SLFD VEIN CUTS GORDON LAKE FM}

TYPE {VEIN/REPLACEMENT}

SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GORDON LAKE FORMATION}  
 ORE MNRLS {SPECULARITE}  
 GANGUE {QUARTZ/CARBONATE}  
 VEIN TYPE {UNCERTAIN OR OTHER} STRIKE {090}  
 REL. TO NIP. DIABASE {CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION}  
 SOURCE {ODM MAP P610}  
 COMMENTS {MINOR OCCURRENCE}

MAP(S) {MIN POT P1513 OGS/GEOL P610 ODM}

41-846

FORT NORMAN EXPL-2  
 CU(7) AG(7)

41/J/11 46 34 18 083 00 47 ALBANEL TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {VEIN/ OGS MAP 2399}  
 CANMINDEX NUMBER {010692}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {OCCURRENCE}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-SLFD VEINS ALONG FAULT CONTACT/SEDS & METAVOLCS}

TYPE {VEIN/REPLACEMENT}

SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {GOWGANDA FORMATION/ARCHEAN METAVOLCANIC ROCKS}  
 ORE MNRLS {PYRITE}  
 GANGUE {QUARTZ}  
 ALTERATION {CHLORITIC}  
 VEIN TYPE {VEIN SWARM(S)} STRIKE {180} DIP {55}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {OGS GR 178/ PG 87-89}  
 COMMENTS {EAST SIDE PYRT-RICH AREA 4.5M WIDE/WEST/D.15M  
 WIDE/BEST 0.520Z/TON AG/O.14% CU}

MAP(S) {GEOL 2399 OGS/MIN POT P1513 OGS}

SIEMIATKOWSKA, K.M. 1978  
 GEOLOGY OF ENDIKAI LAKE AREA/ OGS REPORT 178/ PG  
 87-89/ \*AC\*

41-847

GALBRAITH TP-2  
CU(7)41/J/12 46 30 18 083 35 45 GALBRAITH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (010693)CU DEPOSIT TYPE (UNCLASSIFIED)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (UNCLASSIFIED)  
GEOLOGY (ALONG NIPISSING DIABASE/ SEDS CONTACT)

TYPE (UNCLASSIFIED)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION/NIPISSING DIABASE)  
REL TO NIP DIABASE (ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (GSC MAP 1413A)  
COMMENTS (MINOR OCCURRENCE/ SHOWN ALONG NIPISSING DIABASE/  
SED CONTACT)

MAP(S) (GEOLOGICAL 1413A GSC/MIN POT P1513 OGS)

41-848

ECHO LAKE  
CU(7)41/J/12 46 35 01 083 57 39 KEHOE TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (010694)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEIN CUTS GOWGANDA FORMATION)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PQ)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/CHALCOPYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MAP P1238)  
COMMENTS (MINOR OCCURRENCE)

MAP(S) (GEOLOGICAL 1413A GSC/GEOLOGICAL P1238 OGS)

41-849

MCMAHON TP-LDT 6 CON 2  
CO(7) CU(7)41/J/12 46 33 25 083 45 59 MCMAHON TP/ LOT 6 CON 2  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1413A)  
CANMINDEX NUMBER (010695)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (OCCURRENCE)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (CARB-OTZ VEIN CUTS NIPISSING DIABASE)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (CU-CO (BI,U,NI))  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPISSING DIABASE)  
ORE MNRLS (ERYTHRITE/CHALCOPYRITE/PYRITE)  
GANGUE (CARBONATE/QUARTZ)  
VEIN TYPE (SIMPLE VEIN(S))  
REL TO NIP DIABASE (CUTS DIABASE/GABBRO)  
SOURCE (ODM MRC 12/ PG 102)  
COMMENTS (VEIN 125FT LONG/ 5FT WIDE)

MAP(S) (GEOLOGICAL 1413A GSC/MIN POT P1513 OGS)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 102

41-850

TOMROSE NO 1  
CU(7) NI(7)41/I/09 46 35 24 080 14 34 CRERAR TP/ LOT 5 CON 5  
GEOLOGICAL PROVINCE (GRENVILLE PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 1976-1)  
CANMINDEX NUMBER (008376) NMI NUMBER (041/I/09/CU/003)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)

GEOLOGY (DISSEM SLFDS IN GABBRO)

REMARKS (THIS IS THE MAIN OCC ON TOMROSE PROPERTY  
ACCORDING TO ODM MAP P1511)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (CHALCOPYRITE/PYRRHOTITE/PYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 209)  
COMMENTS (GENERALLY LOW GRADE MINERALIZATION)

MAP(S) (MIN POT1976-1 OGS/GEOLOGICAL 2361 ODM)

---- 1961  
/ THE NORTHERN MINER FEB 23 1961  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 209/ \*C\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-851

TOMROSE NO 2  
CU(7) NI(7)41/I/09 46 36 20 080 13 55 CRERAR TP/ LOT 6 CON 6  
GEOLOGICAL PROVINCE (GRENVILLE PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 1976-1)  
CANMINDEX NUMBER (004813) NMI NUMBER (041/I/09/CU/003)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 209)  
COMMENTS (MINOR DISSEM SLFDS)

MAP(S) (GEOLOGICAL 2361 ODM/MIN POT1976-1 OGS)

---- 1961  
/ THE NORTHERN MINER/ FEB 23 1961/ PG 15  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 209/ \*C\*  
----  
/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-852

TOMROSE NO 3  
CU(7) NI(7)41/I/09 46 35 43 080 13 40 CRERAR TP/ LOT 5 CON 6  
GEOLOGICAL PROVINCE (GRENVILLE PROVINCE)  
ENTITY CODED (S) COMMENTS (OGS MAP 1976-1)  
CANMINDEX NUMBER (004814) NMI NUMBER (041/I/09/CU/003)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISSEM SLFDS IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL TO NIP DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 209)  
COMMENTS (MINOR DISSEM SLFDS)

MAP(S) (GEOLOGICAL P367 ODM/MIN POT1976-1 OGS)

---- 1961  
/ THE NORTHERN MINER/ FEB 23 1961/ PG 15  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 209/ \*C\*  
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/ ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-853

TOMROSE NO 4  
CU(7) NI(7)41/1/09 46 36 34 080 14 16 CRERAR TP/ LOT 7 CON 6  
GEOLOGICAL PROVINCE (GRENVILLE PROVINCE)  
ENTITY CODED (S) COMMENTS (DGS MAP 1976-1)  
CANMINDEX NUMBER (004815) NMI NUMBER (041/1/09/CU/003)CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (DISS SLFDS IN GABBRO)TYPE (MAGMATIC NI-CU)  
SUBTYPE (OTHER THAN SUDBURY)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (MAFIC INTRUSIONS - UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/CHALCOPYRITE)  
REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (ODM MRC 12/PG 209)  
COMMENTS (MINOR DISSEM SFLDS)

MAP(S) (GEOLOG P367 ODM/LOC P1511 ODM)

---- 1961

/ THE NORTHERN MINER/ FEB 23/ PG 15  
SHKLANKA, R. 1969COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 209/ \*C\*

---- / ODM RESIDENT GEOLOGISTS FILES/ SUDBURY

41-854

ANDOVER-2 (NEW MINDA-SCOTIA)  
CU(7)41/1/16 46 59 02 080 09 17 JOAN TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (ODM MAP 2057)  
CANMINDEX NUMBER (004971) NMI NUMBER (041/1/16/CU/003)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS ON OR NEAR CONTACT OF DIABASE SILL & SEDS)REMARKS (ON VEIN ZONE WHICH IS EXPOSED FOR APPROX 2000 FT/  
PITS)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (NIPPISING DIABASE)  
ORE MNRLS (CHALCOPYRITE)  
GANGUE (QUARTZ/CARBONATE)  
VEIN TYPE (UNCERTAIN OR OTHER)  
REL TO NIP.DIABASE (CUTS SED. ROCKS NEAR DIABASE/GABBRO INTRUSION/  
--ALONG DIABASE/SEDIMENT CONTACT)  
SOURCE (ODM MRC 12/PG 200)  
COMMENTS (ON ZONE EXPOSED FOR APPROX 2000FT LENGTH)

MAP(S) (GEOLOG 2057 ODM/GEOLOG P367 ODM)

SIMONY, P.S. 1964  
NORTHWESTERN TIMAGAMI AREA/ ODM GEOL REPT 28/ PG  
20-21/ \*AC\*  
THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 112/ \*C\*  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 200/ \*C\*

41-855

MCNISH-NO 5 & 6 SHOWINGS (OZHWAY)  
CU(7) PB(7) ZN(7) AG(7) NI(7)41/1/16 46 47 06 080 24 06 MCNISH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (JEROME EXPL ASSESS MAP 1973)  
CANMINDEX NUMBER (008419) NMI NUMBER (041/1/16/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ VEINS & MASSIVE SLFDS IN GREYWACKE)REMARKS (NO 5 SHOWING-OTZ VEINS WITH CU-PB-ZN-AG/ NO  
6-MASSIVE PD WITH CU-NI)TYPE (VEIN/REPLACEMENT)  
SUBTYPE (ZN-PB-AG-CU)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (GOWGANDA FORMATION)  
ORE MNRLS (PYRITE/PYRRHOTITE/CHALCOPYRITE/GALENA/SPHALERITE)  
GANGUE (QUARTZ)  
VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (105)REL TO NIP.DIABASE (UNCERTAIN OR OTHER)  
SOURCE (NMI)  
COMMENTS (GRADES #5/TR AU/TR-2.7 OZ/TON AG&3.25% PB/#6 TR  
AU&3.25% NI & 0.12% CU)

MAP(S) (GEOLOG 41F ODM/GEOLOG P1230 ODM)

BRUCE, E.L. 1933

GEOLOGY OF THE TOWNSHIPS OF JANES MCNISH PARDO  
AND DANA/ ODM ANN REPORT/ VOL 41 PT 4 1932

THOMSON, J.E. 1957

COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 99/ \*I\*

SHKLANKA, R. 1969

COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 255-256/  
\*I\*

41-856

MCNISH-NO 8 SHOWING (OZHWAY)  
CU(7) PB(7) ZN(7) AG(7) CD(7)41/1/16 46 47 15 080 23 37 MCNISH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (JEROME EXPL ASSESS MAP 1973)  
CANMINDEX NUMBER (008423) NMI NUMBER (041/1/16/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (SLFDS IN CHERTY PEBBLE CONGLOMERATE)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (ZN-PB-AG-CU)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (GOWGANDA FORMATION)

ORE MNRLS (SPHALERITE/GALENA/CHALCOPYRITE/PYRRHOTITE/PYRITE)  
GANGUE (QUARTZ)

VEIN TYPE (UNCERTAIN OR OTHER)

REL TO NIP.DIABASE (UNCERTAIN OR OTHER)

SOURCE (NMI)

COMMENTS (AVG GRADE 0.75% CU/6.79% PB/13.5% ZN/1.37 OZ/TON  
AG & 0.005% CD)

MAP(S) (GEOLOG P1230 ODM/GEOLOG 41F ODM)

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SEE MCNISH-NO 5 &amp; 6 SHOWINGS (LINK NO 8419 00)

41-857

MCNISH-NO 13 & 14 & 14B SHOWINGS (OZHWAY)  
CU(7) AU(7) AG(7)41/1/16 46 47 37 080 23 01 MCNISH TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (C) COMMENTS (JEROME EXPL ASSESS MAP 1973)  
CANMINDEX NUMBER (008426) NMI NUMBER (041/1/16/CU/002)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (VEINS IN CONGLOMERATE/ SHEARED ZONE IN ARGILLITE)

REMARKS (SEVERAL SHOWINGS)

TYPE (VEIN/REPLACEMENT)

SUBTYPE (QUARTZ-CARB-CCP-PY (PO)+/-SPECUL)

SIZE (0 - 1,000 TONNES CONTAINED CU)

HOST (GOWGANDA FORMATION)

ORE MNRLS (CHALCOPYRITE/PYRRHOTITE)

GANGUE (QUARTZ)

VEIN TYPE (VEIN SETS) STRIKE (015) DIP (90)

REL TO NIP.DIABASE (UNCERTAIN OR OTHER)

SOURCE (NMI)

COMMENTS (GRAB #13/0.7% CU/0.05 OZ/TON AU&0.1 OZ/TON AG/#14/  
1.03-1.57% CU/0.55-1.01 OZ AG)

MAP(S) (GEOLOG P1230 ODM/GEOLOG 2361 ODM)

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SEE MCNISH-NO 5 &amp; 6 SHOWINGS (LINK NO 8419 00)

41-858

CANADA VERDE  
CU(5)41/J/05 46 23 38 083 36 08 ROSE TP/ SEC 24 WEST HALF  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (GSC MAP 1414A)  
CANMINDEX NUMBER (008456) NMI NUMBER (041/J/05/CU/026)CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
GEOLOGY (QTZ-CARBONATE-SLFD VEINS CUT GOWGANDA SED ROCKS)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CCP-PY (PD)+/-SPECUL)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (GOWANDA FORMATION)  
 ORE MNRLS (CHALCOPYRITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (UNCERTAIN OR OTHER) STRIKE (050) DIP (80)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 59)  
 COMMENTS (BEST ASSAY 5.05% CU/2 FT/ALL OTHERS LESS THAN 1%  
 CU OVER WIDTHS OF 2.3-5 FT)

MAP(S) (GEOLOGICAL 1414A GSC/GEOLOGICAL 2419 OGS)

----- 1915  
 / ODM ANN REPORT/ VOL 24 PT 1 1915/ PG 236-237  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 59/ \*CG\*  
 -----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-153/-1154

41-859

BURDEN LAKE-2  
 CU(7) CO(7) NI(7) BI(7)

41/J/11 46 34 24 083 27 08 OTTER TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P737)  
 CANMINDEX NUMBER (004809) NMI NUMBER (041/J/11/ CU/004)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QUARTZ-CARBONATE VEIN CUTS DIABASE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (CU-CO (BI,U,NI))  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (NIPPISING DIABASE/ARCHEAN GRANITES)  
 ORE MNRLS (CHALCOPYRITE/SPECULARITE)  
 GANGUE (QUARTZ/CARBONATE)  
 VEIN TYPE (SIMPLE VEIN(S))  
 REL. TO NIP. DIABASE (CUTS DIABASE/GABBRO)  
 SOURCE (ODM GR 155/PG 33)  
 COMMENTS (SEVERAL VEINS IN AREA/LOW GRADE MINERALIZATION)

MAP(S) (GEOLOGICAL P737 ODM/GEOLOGICAL P304 ODM)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 103  
 -----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-810  
 CHANDLER, F.W. 1976  
 GEOLOGY OF THE SAUNDERS LAKE AREA/ ODM GEOSCIENCE  
 REPT 155/ PG 33

41-860

RANKIN LOCATION  
 CU(7)

41/N/02 47 07 42 084 43 39 KINCAID TP & TP 29  
 GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
 ENTITY CODED (S) COMMENTS (PIT/ ODM MAP 2251)  
 CANMINDEX NUMBER (008635) NMI NUMBER (041/N/02/ CU/010)

CU DEPOSIT TYPE (VEIN/REPLACEMENT)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (VEIN/REPLACEMENT)  
 GEOLOGY (QTZ VEIN WITH SPARSE SLFD CUTS MIGMATITE)

REMARKS (VEIN 1 INCH WIDE)

TYPE (VEIN/REPLACEMENT)  
 SUBTYPE (QUARTZ-CARB-CC-BN-NATIVE CU)  
 SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN GRANITES)  
 ORE MNRLS (BORNITE)  
 GANGUE (QUARTZ)  
 VEIN TYPE (SIMPLE VEIN(S)) STRIKE (090) DIP (90)  
 REL. TO NIP. DIABASE (UNCERTAIN OR OTHER)  
 SOURCE (ODM MRC 12/PG 104)  
 COMMENTS (VEIN 1 INCH WIDE/SPARSE SLFD)

MAP(S) (GEOLOGICAL 2251 ODM/GEOLOGICAL 2419 OGS)

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 104/ \*CG\*

41-864

LEWIS LAKE  
 CU(7)

41/I/04 46 00 52 081 48 02 GREAT LA CLOCHE ISLAND  
 GEOLOGICAL PROVINCE (ST. LAWRENCE PLATFORM)  
 ENTITY CODED (S) COMMENTS (WNP FIELD DATA)  
 CANMINDEX NUMBER (008352)

CU DEPOSIT TYPE (SEDIMENTARY)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
 GEOLOGY (SLFDS IN DOLOMITE AT PALEOZOIC/PRECAM UNCONFORMITY)

REMARKS (LOCATED ON HIGHWAY 68/ 0.8 KM EAST OF LEWIS LAKE)

TYPE (SEDIMENTARY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST ( )  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (DOLOMITE/QUARTZ)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (GSC PAPER 78-1A/ PG 266)  
 COMMENTS (CLCP IN SANDY DOLOMITE FILLED DEPRESSIONS AT  
 UNCONFORMITY)

MAP(S) (GEOLOGICAL 2316 ODM/GEOLOGICAL 2361 OGS)

PEARSON, W.N. 1978  
 COPPER METALLOGENY LAKE HURON AREA ONTARIO/ GSC  
 PAPER 78-1A/ PG 266

41-865

MOREDOLPHTON WAREHOUSE LANDING (BIRCH ISLAND)  
 CU(7)

41/I/04 46 03 56 081 47 08 LA CLOCHE PENINSULA  
 GEOLOGICAL PROVINCE (ST. LAWRENCE PLATFORM)  
 ENTITY CODED (S) COMMENTS (WNP FIELD DATA)  
 CANMINDEX NUMBER (008351)

CU DEPOSIT TYPE (SEDIMENTARY)  
 CU DEPOSIT STATUS (OCCURRENCE)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
 GEOLOGY (MINOR CU IN PYRITIC QUARTZ SANDSTONE)

TYPE (SEDIMENTARY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
 HOST ( )  
 ORE MNRLS (CHALCOPYRITE/PYRITE)  
 GANGUE (QUARTZ)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (GSC PAPER 78-1A/ PG 266)  
 COMMENTS (CLCP ASSOC WITH PYRITE CEMENT IN QUARTZ SANDSTONE/  
 CLOSE TO PZ/PC UNCONFORMITY)

MAP(S) (GEOLOGICAL 2316 ODM/GEOLOGICAL 2361 OGS)

PEARSON, W.N. 1978  
 COPPER METALLOGENY LAKE HURON AREA ONTARIO/ GSC  
 PAPER 78-1A/ PG 266

41-868

STRALAK-EAST ZONE  
 ZN(2) CU(2) AG(2) PB(7)

41/I/13 46 48 09 081 41 50 CRAIG TP  
 GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
 ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1978)  
 CANMINDEX NUMBER (008711) NMI NUMBER (041/I/13/ ZN/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
 CU DEPOSIT STATUS (DEPOSIT WITH RESERVES)  
 CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
 GEOLOGY (MASSIVE SLFDS ALONG CONTACT BTWN METASEDS-METAVOLC)

REMARKS (LENGTH 1500 FT/ MINERALIZED UP TO 10FT WIDTH INCL  
 MASS SLFDS UP TO 6FT)

TYPE (VOLCANIC EXHALATIVE)  
 SUBTYPE (POLYMETALLIC)  
 SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
 HOST (ARCHEAN METAVOLCANIC ROCKS)  
 ORE MNRLS (PYRITE/PYRRHOTITE/SPHALERITE/CHALCOPYRITE/GALENA)  
 STRIKE (090)  
 REL. TO NIP. DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
 SOURCE (ODM OPEN FILE 5256/PG 113-117)  
 COMMENTS (ZONE 1500FT LONG/1-6FT WIDE/ASSAYS 0.5-22% ZN/  
 0.08% PB/0-2.3% CU/0-3.8 OZ/TON AG)

RESERVE: 1952 329,924 TONNES 0.320% CU  
 3.180% ZN 23.31G/T AG  
 COMMENTS (WIDTH 8.6 FT DEPTH 157 FT)  
 REFERENCE (ODM MRC 12/ PG 235)

MAP(S) (GEOLOGICAL P1107 ODM/GEOLOGICAL 2361 ODM)



SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 235/ \*CG\*  
OSBORNE, F.F. 1930  
THE CARTIER-STRALAK AREA/ ODM ANN REPT 1929/ VOL  
38 PT 7/ PG 63 \*BC\*  
CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
5256/ PG 112

41-869

STRALAK-WEST ZONE  
ZN(5) AG(5) CU(7) PB(7)

41/I/13 46 47 56 081 43 06 CRAIG TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (PIT/ ODM MAP P1107)  
CANMINDEX NUMBER (008711) NMI NUMBER (041/I/13/ZN/001)

CU DEPOSIT TYPE (VOLCANIC EXHALATIVE)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN VOLCANIC ROCKS)  
GEOLOGY (SLFDS ALONG CONTACT BTWN METASEDS-METAVOLC)

REMARKS (ZONE 600 FT LONG/ 1-6 FT WIDE)

TYPE (VOLCANIC EXHALATIVE)  
SUBTYPE (POLYMETALLIC)  
SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (ARCHEAN METAVOLCANIC ROCKS)  
ORE MNRLS (PYRITE/PYRRHOTITE/SPHALERITE/CHALCOPYRITE/GALENA)  
STRIKE (090) DIP (60)  
REL. TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM OPEN FILE 5256/PG 113-117)  
COMMENTS (ZONE 600FT LONG/1-6FT WIDE)

MAP(S) (GEOL P287 ODM/GEOL P1107 ODM)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 235/ \*CG\*  
OSBORNE, F.F. 1930  
THE CARTIER-STRALAK AREA/ ODM ANN REPT 1929/ VOL  
38 PT 7/ PG 63/ \*BC\*  
CARD, K.D. 1978  
GEOLOGY OF THE BENNY AREA/ OGS OPEN FILE REPT  
5256/ PG 112

41-870

MILNET MINE  
NI(4) CU(4) AU(4) PT(4) PD(4) RH(4) RU(4) IR(4)

41/I/15 46 49 21 080 51 59 PARKIN TP/ LOT 5 CON 2  
GEOLOGICAL PROVINCE (SUPERIOR PROVINCE)  
ENTITY CODED (C) COMMENTS (SHAFT(UNDER BUILDING)/PEARSON)  
CANMINDEX NUMBER (008407) NMI NUMBER (041/I/15/NI/001)

CU DEPOSIT TYPE (MAGMATIC NI-CU)  
CU DEPOSIT STATUS (PAST PRODUCER)  
CANMINDEX DEPOSIT TYPE (IRREGULAR IN INTRUSIVE ROCKS)  
GEOLOGY (MASS-DISS/BRECC ZONE IN QTZ DIORITE DYKE & ADJ SEDS)

REMARKS (PARKIN OFFSET FROM SUDBURY IRRUPTIVE/ 2 OREBODIES 200 FT APART)

TYPE (MAGMATIC NI-CU)  
SUBTYPE (SUDBURY SUBLAYER/OFFSETS)  
SIZE (1,000 - 10,000 TONNES CONTAINED CU)  
HOST (SUDBURY NICKEL IRRUPTIVE AND OFFSETS/HURONIAN UNDIFFERENTIATED)  
ORE MNRLS (PYRRHOTITE/PENTLANDITE/CHALCOPYRITE/PYRITE)  
STRIKE (030)  
REL. TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (ODM GR 80/ PG 54-57)  
COMMENTS (2 OREBODIES APPROX 200 FT APART IN NORTHERN END OF PARKIN OFFSET)

PRODUCTION: 1952 TO 1954 142,545 TONNES ORE  
1.550% CU 1.500% NI  
COMMENTS (4861458 LBS CU WERE PRODUCED)  
REFERENCE (NMI/ 1969 ODM MRC 12/ PG 259)

MAP(S) (GEOL 2180 ODM/GEOL P367 ODM)

THOMSON, J.E. 1957  
COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
ODM METAL RESOURCES CIRCULAR NO 2/ PG 94-95/ \*CG\*  
MEYN, H.D. 1970  
GEOLOGY OF HUTTON AND PARKIN TOWNSHIPS/ ODM GEOL  
REPT 80/ PG 54-58  
SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 259/ \*CG\*  
1956  
/ CANADIAN MINING JOURNAL NOV 1956/ VOL 77/ NO 11/  
PG 178/ \*I\*

41-875

DESBARATS NO 1 (MCFARLEN)  
CU(7)

41/J/05 46 21 33 083 58 00 TARBUTT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (TRENCH/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009003) NMI NUMBER (041/J/05/CU/019)

CU DEPOSIT TYPE (SEDIMENTARY)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS DISSEMINATED IN PINK LORRAIN QUARTZITE)

REMARKS (MINERALIZATION WIDESPREAD BUT LOW GRADE/SOME SAMPLES UP TO 3%CU)

TYPE (SEDIMENTARY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (HEMATIZATION/ALBITIZATION)  
REL. TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)

MAP(S) (GEOL 2419 OGS/GEOL 1414A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 66/ \*I\*  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1/-2/-3  
FRAREY, M.J. 1977  
GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
MARIE & BLIND RIVER/ GSC MEM 383/ PG 74/ \*AC\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 297-298

41-876

DESBARATS NO 2  
CU(7)

41/J/05 46 21 24 083 57 28 JOHNSTON TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHOWING/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009003) NMI NUMBER (041/J/05/CU/019)

CU DEPOSIT TYPE (SEDIMENTARY)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS DISSEMINATED IN PINK LORRAIN QUARTZITE)

REMARKS (LOW GRADE MINERALIZATION#)

TYPE (SEDIMENTARY)

SIZE (0 - 1,000 TONNES CONTAINED CU)  
HOST (LORRAIN FORMATION)  
ORE MNRLS (CHALCOPYRITE/PYRITE)  
GANGUE (QUARTZ/OTHER)  
ALTERATION (HEMATIZATION)  
REL. TO NIP.DIABASE (NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO)  
SOURCE (WNP FIELD DATA)

MAP(S) (GEOL 2419 OGS/GEOL 1414A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 66/ \*I\*  
/ ODM RESIDENT GEOLOGIST FILES/ SSM-1/-2/-3  
FRAREY, M.J. 1977  
GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
MARIE & BLIND RIVER/ GSC MEM 383/ PG 74/ \*AC\*  
PEARSON, W.N. 1979  
COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
HURON/ GSC PAPER 79-1A/ PG 297-298

41-877

DESBARATS NO 3  
CU(7)

41/J/05 46 21 16 083 57 48 TARBUTT TP  
GEOLOGICAL PROVINCE (SOUTHERN PROVINCE)  
ENTITY CODED (S) COMMENTS (SHOWING/W PEARSON VERIFIED 1977)  
CANMINDEX NUMBER (009003) NMI NUMBER (041/J/05/CU/019)

CU DEPOSIT TYPE (SEDIMENTARY)  
CU DEPOSIT STATUS (PROSPECT)  
CANMINDEX DEPOSIT TYPE (CONCORDANT IN SEDIMENTARY ROCKS)  
GEOLOGY (SLFDS DISSEMINATED IN PINK LORRAIN QUARTZITE)

REMARKS (LOW GRADE MINERALIZATION)

TYPE (SEDIMENTARY)

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {LORRAIN FORMATION}  
 ORE MNRLS {CHALCOPYRITE/PYRITE}  
 GANGUE {QUARTZ/OTHER}  
 ALTERATION {HEMATIZATION}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {WNP FIELD DATA}

MAP(S) {GEOLOGICAL 2419 OGS/GEOLOGICAL 1414A GSC}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 66/ \*I\*  
 ----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-1/-2/-3  
 FRAREY, M.J. 1977  
 GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
 MARIE & BLIND RIVER/ GSC MEM 383/ PG 74/ \*AC\*  
 PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 297-298

41-878

DESBARATS NO 4  
 CU(7)

41/J/05 46 21 00 083 57 51 TARBUTT ADDITIONAL TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {CASING/W PEARSON VERIFIED 1977}  
 CANMINDEX NUMBER {009003} NMI NUMBER {041/J/05/CU/019}

CU DEPOSIT TYPE {SEDIMENTARY}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN SEDIMENTARY ROCKS}  
 GEOLOGY {SLFDS DISSEMINATED IN PINK LORRAIN QUARTZITE}

TYPE {SEDIMENTARY}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {LORRAIN FORMATION}  
 ORE MNRLS {CHALCOPYRITE/PYRITE}  
 GANGUE {QUARTZ/OTHER}  
 ALTERATION {HEMATIZATION}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {WNP FIELD DATA}

MAP(S) {GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 66  
 ----  
 / ODM RESIDENT GEOLOGIST FILES/ SSM-1/-2/-3  
 FRAREY, M.J. 1977  
 GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
 MARIE & BLIND RIVER/ GSC MEM 383/ PG 74/ \*AC\*  
 PEARSON, W.N. 1979  
 COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 297-298

41-879

DESBARATS NO 5  
 CU(7)

41/J/05 46 21 44 083 57 23 JOHNSON TP  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {GSC MAP 1414A}  
 CANMINDEX NUMBER {009003} NMI NUMBER {041/J/05/CU/019}

CU DEPOSIT TYPE {SEDIMENTARY}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {CONCORDANT IN SEDIMENTARY ROCKS}  
 GEOLOGY {DISSEM SLFDS IN PINK LORRAIN QUARTZITE}

TYPE {SEDIMENTARY}

SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {LORRAIN FORMATION}  
 ORE MNRLS {CHALCOPYRITE/PYRITE}  
 GANGUE {QUARTZ/OTHER}  
 ALTERATION {HEMATIZATION}  
 REL. TO NIP. DIABASE {NO OBVIOUS RELATIONSHIP TO DIABASE/GABBRO}  
 SOURCE {WNP FIELD DATA}

MAP(S) {GEOLOGICAL 1414A GSC/GEOLOGICAL P303 ODM}

THOMSON, J.E. 1957  
 COPPER NICKEL LEAD AND ZINC DEPOSITS IN ONTARIO/  
 ODM METAL RESOURCES CIRCULAR NO 2/ PG 76  
 SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 66  
 ----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1/-2/-3  
 FRAREY, M.J. 1977  
 GEOLOGY OF THE HURONIAN BELT BETWEEN SAULT STE  
 MARIE & BLIND RIVER/ GSC MEM 383/ PG 74/ \*AC\*  
 PEARSON, W.N. 1979

COPPER METALLOGENY NORTH SHORE REGION OF LAKE  
 HURON/ GSC PAPER 79-1A/ PG 297-298

41-882

DOYLE MINE  
 CU(3) PB(7)

41/K/09 46 41 25 084 07 40 JARVIS TP  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED (S) COMMENTS {NMI}  
 CANMINDEX NUMBER {008564} NMI NUMBER {041/K/09/CU/014}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-CARBONATE-SLFD VEINS IN SHEARED DIABASE DYKE}

REMARKS {27 TONS HAND-COBBED ORE SHIPPED/ 4 VEINS IN ZONE  
 10 FT WIDE}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {MAFIC INTRUSIONS - UNDIFFERENTIATED}  
 ORE MNRLS {CHALCOPYRITE/PYRITE/GALENA/SPHALERITE}  
 GANGUE {QUARTZ/CARBONATE}  
 VEIN TYPE {VEIN SETS} STRIKE {175} DIP {90}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 31}  
 COMMENTS {4 PARALLEL VEINS/4IN-1FT WIDE/55FT LONG/EXPLORED  
 TO DEPTH OF 12FT}

MAP(S) {GEOLOGICAL P303 ODM/GEOLOGICAL 1412A GSC}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 31/ \*CG\*  
 ----  
 / ODM SOURCE MINERAL DEPOSIT RECORD NO 000928

41-883

EDGAR  
 CU(7)

41/K/09 46 43 10 084 10 40 DEROCHE TP/ LOT 9 CON 2  
 GEOLOGICAL PROVINCE {SOUTHERN PROVINCE}  
 ENTITY CODED (S) COMMENTS {NMI}  
 CANMINDEX NUMBER {008566} NMI NUMBER {041/K/09/CU/018}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-CARBONATE-SLFD VEINLETS IN BRECCIATED DIABASE}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {NIPPISING DIABASE}  
 ORE MNRLS {CHALCOPYRITE/PYRITE}  
 GANGUE {QUARTZ/CARBONATE}  
 VEIN TYPE {VEIN BRECCIAS}  
 REL. TO NIP. DIABASE {CUTS DIABASE/GABBRO}  
 SOURCE {ODM MRC 12/PG 21}

MAP(S) {GEOLOGICAL 1412A GSC/GEOLOGICAL 2419 OGS}

SHKLANKA, R. 1969  
 COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
 ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 21/ \*C\*  
 ----  
 / ODM RESIDENT GEOLOGISTS FILES/ SSM-1138

41-884

HILLMAN NO 1  
 CU(6)

41/K/09 46 37 45 084 19 30 AWERES TP/ SEC 30  
 GEOLOGICAL PROVINCE {SUPERIOR PROVINCE}  
 ENTITY CODED (S) COMMENTS {NMI}  
 CANMINDEX NUMBER {008568} NMI NUMBER {041/K/09/CU/013}

CU DEPOSIT TYPE {VEIN/REPLACEMENT}  
 CU DEPOSIT STATUS {PROSPECT}  
 CANMINDEX DEPOSIT TYPE {VEIN/REPLACEMENT}  
 GEOLOGY {QTZ-SLFD VEIN IN FAULT ZONE}

TYPE {VEIN/REPLACEMENT}  
 SUBTYPE {QUARTZ-CARB-CCP-PY (PO)+/-SPECUL}  
 SIZE {0 - 1,000 TONNES CONTAINED CU}  
 HOST {ARCHEAN GRANITES}  
 ORE MNRLS {CHALCOPYRITE}  
 GANGUE {QUARTZ}  
 VEIN TYPE {SIMPLE VEIN(S)} STRIKE {090} DIP {90}  
 REL. TO NIP. DIABASE {UNCERTAIN OR OTHER}  
 SOURCE {ODM MRC 12/PG 15-16}  
 COMMENTS {MINERALIZATION LOW AND ERRATIC/CHIP AT SHAFT/}

1.33% CU & NIL AU/8FT)

MAP(S) (GEOLOGICAL P303 ODM/GEOLOGICAL 1412A GSC)

SHKLANKA, R. 1969  
COPPER NICKEL LEAD AND ZINC DEPOSITS OF ONTARIO/  
ODM MINERAL RESOURCES CIRCULAR NO 12/ PG 15-16/  
\*CG\*

----  
/ ODM RESIDENT GEOLOGISTS FILES/ SSM-47/-48  
HAY, R.E. 1963  
THE GEOLOGY OF THE SAULT STE MARIE MAP AREA/  
UNPUBLISHED PHD THESIS MCGILL UNIVERSITY 1963/ PG  
306

## CROSS INDEX BY NAME AND ALTERNATE NAME

APPENDIX 3 -- PAGE 155

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFIL NO
* ABBICAN	NOUVEL TP	041J06	188
ACCRA	MACK TP	041J07	167
ACHIGAN CREEK	SHIELDS TP	041K16	228
ADELAIDE LAKE	OLSEN TP	041N01	413
ADIT	TARBUTT TP/ LOT 1 CON 3	041J05	119
* AER NICKEL	DENISON TP/ LOT 11-12/ CON 2-3	041I06	47
* AFTON MINE/ ABEX	AFTON TP	041I16	735
AGGRESSIVE MINING	MAY TP/ LOT 8 CON 5	041J08	767
AGGRESSIVE MINING PROPERTY	CURTIN TP	041I04	307
ALANEN AND MAKI	DRURY TP/ LOT 9 CON 4	041I05	354
ALBANEL TP-1	ALBANEL TP	041J11	776
ALBANEL TP-2	ALBANEL TP	041J11	777
ALBANEL TP-3	ALBANEL TP	041J10	828
ALCOURT	NORBERG TP	041N01	236
ALEXANDER	MAY TP/ LOT 4 CON 6	041I05	324
ALFORD	DRURY TP/ LOT 10 CON 4	041I05	356
* ALGOMA GALENA/ MCNABB	DEROCHE TP/ LOT 9 CON 3	041K09	802
* ALGOMA GALENA/ MCNABB	DEROCHE TP/ LOT 10/ CON 2 OR 3	041K09	800
* ALGOMA GALENA/ MCNABB	DEROCHE TP/ LOT 10/ CON 2 OR 3	041K09	801
ALGOMONT	ROSE TP/ SEC 6/ S 1/2	041J05	120
ALMORE	CRAIG TP/ LOT 4 CON 3	041I13	457
ALWYN PORCUPINE	SCADDING TP/ LOT 7 CON 6	041I10	60
AMAX	ABERDEEN TP/ LOT 3 CON 4	041J05	489
ANDOVER MINING	KAMICHISITIT TP	041J06	338
ANDOVER-1	JOAN TP	041I16	315
ANDOVER-2	JOAN TP	041I16	854
ANDREWS	BALDWIN TP/ LOT 2 CON 1	041I05	20
ANTHONY	KIRKWOOD TP/ LOT 2 CON 6	041J06	141
APSEY LAKE	MERRITT TP/ LOT 11 CON 1	041I04	636
* ASSAM	ROSE TP/ SEC 6/ S 1/2	041J05	120
* AUBAY	VOGT TP	041I16	103
AUMACHO RIVER MINES	AFTON/ SCHOLES TP	041I16	722
AUSTIN	KEMOE TP	041J12	205
AUSTIN BAY	VOGT TP	041I16	467
AWERES SHOWING	AWERES TP	041K09	390
AWERES TP	AWERES TP/ SEC 35 SE 1/4	041K09	399
AYLMER TOWNSHIP	AYLMER TP	041I15	435
BALD DOME	PLUMMER ADDITIONAL TP	041J05	121
BALDWIN	BALDWIN TP/ LOT 8 CON 3	041I05	385
BALDWIN TP-LOT 1 CON 2	BALDWIN TP/ LOT 1 CON 2	041I05	368
BALDWIN TP-LOT 11 CON 3	BALDWIN TP/ LOT 11 CON 3	041I05	367
BALFOUR TP-LOT 7 CON 6	BALFOUR TP/ LOT 7 CON 6	041I11	454
BAND-ORE	BRIDGLAND TP/LOT 10-11 CON 1-2	041J05	142
BAR-FIN MINE	THOMPSON TP	041J03	117
* BARDSWICH	HESS TP/ LOT 10-11 CON 1	041I12	705
BARRY-TOWERS	FRALECK TP	041I15	714
BASELINE D	KINCAID LOCATION 7 & 8	041N02	239
BATCHAWANA RIVER	NORBERG TP	041N01	809
BATTY LAKE	GAJASHK TP	041J08	170
BEATH	FALCONBRIDGE TP/ LOT 1 CON 1	041I10	433
BEGLEY	TILLEY TP/ SEC 25	041K16	229
* BELLEVUE	JARVIS TP/ LOT 11 CON 6	041K09	804
BI-ORE MINE	SAGARD TP	041J10	179
BIG LEVACK MINE	LEVACK TP/ LOT 2 CON 4	041I11	73
BILTON NO 2 VEIN	PATTON TP/ LOT 3 CON 10	041J06	753
BILTON OPTION	PATTON TP/ SEC 27-28	041J06	145
* BIRCH ISLAND	LA CLOCHE PENINSULA	041I04	865
BISHOP	SALTER TP/ SEC 15	041J01	741
BISHOP/ FARMER	MAY TP/ LOT 1 (N HALF) CON 6	041I05	374
* BJORNAS-DALE	RYAN TP	041N02	245
BLACK CREEK	SALTER TP/ SEC 31	041J01	740
BLACK LAKE	SHEDDEN TP	041J01	112
BLEZARD MINE	BLEZARD TP/ LOT 4 CON 2	041I10	61
* BOD TOUGH	MCKINNON TP	041I04	249
BONDARENKO	PLUMMER ADDITIONAL TP	041J05	122
BONE LAKE SOUTH	TUPPER TP/ SEC 4	041K16	230
BOUNDARY MINE	LEVACK TP/ LOT 8-9 CON 1	041I11	74
* BOUSQUET AND WHITE CLAIMS	CURTIN TP	041I04	307
BOUSQUET MINE	CURTIN TP	041I04	322
BOWLES	CASSON TP	041J11	189
BOYEA LAKE-ADIT AREA	MONTGOMERY TP	041J06	127
BOYEA LAKE-EAST ZONE	MONTGOMERY TP	041J06	126
BRADY	PATTON TP/ SEC 35-36	041J06	146
BRAZIL LAKE COBALT	FOSTER TP/ LOT 10 CON 5	041I05	645
BRIDGELAND TP-1	BRIDGELAND TP	041J05	749
BRIDGELAND TP-2	BRIDGELAND TP	041J05	750
BRIDGELAND TP-3	BRIDGELAND TP	041J05	751
BRIDGELAND TP-4	BRIDGELAND TP	041J06	752
* BRISMIL/ BALDWIN	BALDWIN TP	041I05	21
BROULAN REEF M L	DUNLOP TP	041I05	646
BROWN	PATTON TP/ SEC 29 N 1/2	041J06	503
BRUCE MINES	PLUMMER ADDITIONAL TOWNSHIP	041J05	123
BRUCE MINES-BRUCE SECTION	PLUMMER ADDITIONAL TP	041J05	871
BRUCE MINES-COPPER BAY SECTION	PLUMMER ADDITIONAL TP	041J05	872
BRUCE MINES-TAYLOR SECTION	PLUMMER ADDITIONAL TP	041J05	874
BRUCE MINES-WELLINGTON SECTION	PLUMMER ADDITIONAL TP	041J05	873
BRUCE-PRESTO	NICHOLAS TP	041J10	180
* BUDGE	VICTORIA TP/ SEC 14	041J01	471
* BUFFALO ANKERITE	FRESHETTE ISLAND/ LAKE HURON	041J01	745
* BURDA	SCADDING TP/ LOT 7 CON 6	041I10	60
BURDEN LAKE-1	OTTER TP	041J11	388
BURDEN LAKE-2	OTTER TP	041J11	859
* BURTON	RATHBUN TP	041I15	98
BUSSINEAU	JOLLINEAU TP	041J13	215
BYE	SAGARD TP	041J10	829
CAMPBELL ISLAND	TOWNSHIP 137	041J08	729
CAMPBELL-DUKES NO 1	JOHNSTON/PLUMMER ADDITIONAL TP	041J05	124
CAMPBELL-DUKES NO 2	PLUMMER ADDITIONAL TP	041J05	125
CANADA VERDE	ROSE TP/ SEC 24 WEST HALF	041J05	858
* CANADIAN COPPER NO 2 MINE	MCKIM TP	041I06	39
CANAMISKA	ALBANEL TP	041J11	181
CANDORE	DAVIS TP	041I10	304

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFILE NO
CANNON	TOWNSHIP 168	041J06	190
CAPRE	CAPREOL TP	041I10	82
CAPUTO-JUST	WISHART TP	041N01	237
CARIBOU CREEK	JACKSON TP	041J11	333
CARIBOU LOCATION Y 401	LEHMAN TP	041J08	519
* CASCADE MINE	JARVIS TP	041K09	221
CASSON TP	CASSON TP	041J11	388
CENTER ISLAND	MCMAHON TP	041J12	790
CENTRAL HESS TOWNSHIP	CENTRAL HESS TP	041I13	706
CENTRE LINE	PLUMMER ADDITIONAL TP	041J05	303
CENTURY	GRAHAM TP/ LOT 4 CON 4	041I06	379
CHELSEY ADDITIONAL TP	CHELSEY ADDITIONAL TP	041J12	796
CHENEY MINE	GOULD TP/ LOT 7 CON 5	041J11	191
CHIBLOW	SCARFE TP	041J06	147
CHICAGO MINE	DRURY TP/ LOT 3 CON 5	041I06	35
CHIPMAN LAKE	MCMAHON TP	041J12	784
CHUB LAKE	GOULD TP	041J11	334
CLARABELLE MINE	SNIDER TP/ LOT 1 CON 3	041I06	36
CLEAR LAKE	SALTER TP/ SEC 36	041J01	470
CLELAND LAKE	PARKINSON TP	041J06	148
COBDEN RIVER	MONTGOMERY TP	041J06	149
COBDEN TP- LOT 11 CON 2	COBDEN TP	041J03	481
COBDEN TP-LOT 10 CON 2	COBDEN TP/ LOT 10 CON 2	041J03	482
COBDEN TP-LOT 12 CON 6	COBDEN TP/ LOT 12 CON 6	041J06	496
COBDEN TP-LOT 5 CON 3	COBDEN TP/ LOT 5 CON 3	041J02	478
COBDEN TP-LOT 6 CON 1	COBDEN TP/ LOT 6 CON 1	041J02	746
* COBRE LAKE	SAGARD TP	041J10	179
COFFEE LAKE	TIMMERMAN & JOGUES TPS	041J07	515
COLEMAN MINE	LEVACK TP/ LOT 3 CON 4	041I11	75
CONSOLIDATED MARBENOR	PALMER TP	041N02	255
CONSOLIDATED NEW PACIFIC	GAUDETTE TP	041K16	231
* CONSOLIDATED SUDBURY BASIN	FAIRBANK TP/ LOT 5 CON 5	041I11	94
COOPER	HUGHES TP	041J13	530
COPENHAGEN	KITCHENER TP	041I14	709
COPPER CLIFF MINE	MCKIM TP/ LOT 12 CON 2	041I06	37
COPPER CLIFF NO 1 MINE	SNIDER TP/ LOT 1 CON 2	041I06	38
COPPER CLIFF NO 2 MINE	MCKIM TP	041I06	39
COPPER CLIFF NORTH MINE	MCKIM TP/ LOT 12 CON 3	041I06	40
COPPER CLIFF SOUTH MINE	SNIDER TP/ LOT 1 CON 1	041I06	41
COPPER GULCH	NICHOLAS & ALBANEL TPS	041J10	182
COPPER PRINCE	FALCONBRIDGE TP/LOTS 6-7/CON2-3	041I10	309
COPPER PRINCE MINE	KAMICHISITIT TP	041J11	192
COPPER QUEEN	MORIN TP/ LOT 3-6 CON 4	041J11	206
COPPER RANGE	GOULD TP/ LOT 4 CON 5	041I11	193
COPPERCORP MINE	RYAN TP	041N02	240
COPPERCORP MINE-C ZONE	RYAN TP	041N02	889
COPPERCORP MINE-C-2 ZONE	RYAN TP	041N02	885
COPPERCORP MINE-SB ZONE	RYAN TP	041N02	886
COPPERCORP-SILVER CK NORTH	RYAN TP	041N02	888
COPPERCORP-SILVER CK SOUTH	RYAN TP	041N02	887
* COPPERFIELDS MINING CORP	PHYLLIS & SCHOLLES TPS	041I16	737
COPPERMINE POINT	PANCAKE POINT LOCATION	041K15	225
CRAZY CREEK	PORTER TP	041I05	359
* CREAM	DRURY TP/ LOT 1-2 CON 2	041I06	56
CREAM HILL MINE	DENISON TP/ LOT 4-5 CON 5	041I06	42
* CREAM HILL MINE NO 2	DENISON TP/ LOT 2 CON 5	041I06	44
* CREAM MINE	SNIDER TP/ LOT 1 CON 1	041I06	45
CREIGHTON MINE	SNIDER TP/ LOT 10 CON 1	041I06	43
CREIGHTON TP-LOT 5 CON 1	CREIGHTON TP/ LOT 5 CON 1	041I06	661
CROWNBRIDGE	KAMICHISITIT TP	041J06	194
CRYSTAL/ COMSTOCK/ GORDON	RATHBUN TP/ LOTS 5-7 CON 3-4	041I15	715
DALE	JANES TP/ LOT 2 CON 6	041I09	447
DAVIS TOWNSHIP-1	DAVIS TP	041I09	682
DAVIS TOWNSHIP-2	DAVIS TP/ LOT 1-2 CON 4(FORMER)	041I09	683
DECADE	PARKIN TP/ LOT 4-6 CON 2-3	041I15	716
DEMPESEY	DAY TP/ LOT 1 CON 3	041J08	151
DENISON	RYAN TP	041K15	226
DENISON TP- LOT 3-4 CON 4	DENISON TP/ LOT 3-4 CON 4	041I06	440
DENISON TP- LOT 6-8 CON 3	DENISON TP/ LOT 6-8 CON 3	041I06	437
DENISON TP- LOT 8 CON 4	DENISON TP/ LOT 8 CON 4	041I06	662
DENISON TP-LOT 11 CON 2	DENISON TP/ LOT 11 CON 2	041I06	438
DENISON TP-LOT 12 CON 4	DENISON TP/ LOT 12 CON 4	041I06	439
DENISON TP-LOT 3 CON 5	DENISON TP/ LOT 3 CON 5	041I06	664
DENVIC LAKE	VICTORIA TP/ SEC 19 SE 1/4	041J01	430
DEROCHE TP-LOT 12 CON 2	DEROCHE TP/ LOT 12 CON 2	041K09	805
DESAYEUX LAKE	OTTER TP	041J12	794
DESBARATS NO 1	TARBUTT TP	041J05	875
DESBARATS NO 2	JOHNSTON TP	041J05	876
DESBARATS NO 3	TARBUTT TP	041J05	877
DESBARATS NO 4	TARBUTT ADDITIONAL TP	041J05	878
DESBARATS NO 5	JOHNSON TP	041J05	879
* DESTORADA NO 1/ IRON BRIDGE	MONTGOMERY TP	041J06	880
* DESTORADA NO 2/ IRON BRIDGE	MONTGOMERY TP	041J06	880
* DESTORADA NO 3/ IRON BRIDGE	MONTGOMERY TP	041J06	881
* DESTORADA/ IRON BRIDGE	MONTGOMERY TP	041J06	323
DICK LAKE	NORBERG TP	041N01	414
DIOLAN	KEHOE TP/ SEC 25/36	041J12	207
* DOMINION	BLEZARD TP/ LOT 4 CON 2	041I10	61
* DOUGHTY	VANKOUGHNET TP/ SEC 14	041K16	320
DOYLE MINE	JARVIS TP	041K09	882
* DOYON	NICHOLAS TP	041J10	183
DRURY TP-LOT 1 CON 5	DRURY TP/ LOT 1 CON 5	041I06	825
DRURY TP-LOT 2 CON 5	DRURY TP/ LOT 2 CON 5	041I06	826
DRURY TP-LOT 3 CON 3	DRURY TP/ LOT 3 CON 3	041I06	663
DRURY TP-LOT 4 & 5 CON 3	DRURY TP/ LOTS 4 & 5 CON 3	041I06	666
DRURY TP-LOT 4 CON 4	DRURY TP/ LOT 4 CON 4	041I06	665
DRURY TP-LOT 5 CON 2	DRURY TP/ LOT 5 CON 2	041I06	667
DRURY TP-LOT 6 CON 3	DRURY TP/ LOT 6 CON 3	041I06	668
DRURY TP-LOT 7 CON 4	DRURY TP/ LOT 7 CON 4	041I05	647
DRURY TP-LOT 8 CON 3	DRURY TP/ LOT 8 CON 3	041I05	648
DRYDEN TP-LOT 10 CON 1	DRYDEN TP/ LOT 10 CON 1	041I07	680
DRYDEN TP-LOT 6 CON 6	DRYDEN TP-LOT 6 CON 6	041I10	688

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFILE NO
DUNCAN TP	DUNCAN TP	041K09	397
DUNCAN TP	DUNCAN TP	041K09	806
DURET AND MACPHERSON	PORTER TP/ LOT 1-2 CON 1	041I05	372
* DWYER LAKE	JANES TP/ LOT 12 CON 2	041I09	446
DWYER MINE	DRURY TP/ LOT 6 CON 4	041I06	670
EAGLEROCK LAKE	SCHOLES TP	041I16	108
EAMES	HESS TP	041I14	460
* EAST ADIT & WEST ADIT AREAS	MONTGOMERY TP	041J06	127
EAST BULL LAKE NO 1	BOON TP	041J08	771
EAST BULL LAKE NO 2	BOON TP	041J08	171
EAST CARIBOU LAKE-HARICO	JACKSON TP	041J11	335
EAST CARIBOU LAKE-SOUTH SHORE	JACKSON TP	041J11	336
EAST PAYNTER	WELLS TP/ LOT 12 CON 5	041J06	152
EAST PECORS	GAIASHK TP	041J08	172
ECHO LAKE	KEHOE TP	041J12	848
ECHO LAKE	KEHOE TP	041K09	394
ECHO RIVER ROAD	KEHOE TP	041J12	797
EDGAR	DEROCHE TP/ LOT 9 CON 2	041K09	883
EL PEN-REY	GEROW TP	041J08	173
ELIZABETH LAKE	FOSTER TP	041I04	637
* ELLA LAKE	LORNE TP/ LOT 10 CON 2	041I05	23
ELLEN MINE	DENISON TP/ LOT 2 CON 5	041I06	44
ELSIE MINE	SNIDER TP/ LOT 1 CON 4-5	041I11	733
EMERALD LAKE	MACK TP	041J07	168
EMERALD LAKE	AFTON TP	041I16	104
ENDIKAI LAKE	ALBANEL TP	041J11	195
ERRINGTON MINE	CREIGHTON & BALFOUR TPS	041I11	76
ERRINGTON NO 1 SHAFT	CREIGHTON TP/ LOT 9 CON 5	041I11	76A
ERRINGTON NO 2 SHAFT	CREIGHTON TP/ LOT 7-8 CON 6	041I11	866
ERRINGTON NO 3 SHAFT	BALFOUR TP/ LOT 4 CON 1	041I11	867
ESPANOLA BAY INLET	BALDWIN TP/ LOT 5 CON 5	041I05	362
ESTEN TP	ESTEN TP	041J07	517
EVANGELINE LAKE/ MOOSE LAKE	MCKINNON TP	041I04	240
EVANS MINE	SNIDER TP/ LOT 1 CON 1	041I06	45
EZMA LAKE	NICHOLAS TP	041J10	183
FALCONBRIDGE EAST MINE	FALCONBRIDGE TP/ LOT 8 CON 4	041I10	64
FALCONBRIDGE MINE	FALCONBRIDGE TP/ LOT 11 CON 4	041I10	63
FALCONBRIDGE SHAKESPEARE	SHAKESPEARE TP/ LOT 1 & 2 CON 5	041I05	22
FALCONBRIDGE TP-LOT 4 CON 2	FALCONBRIDGE TP/ LOT 4 CON 2	041I10	689
FALCONBRIDGE TP-LOT 7 CON 4	FALCONBRIDGE TP/ LOT 7 CON 4	041I10	311
FALCONBRIDGE TP-LOT 8 CON 4	FALCONBRIDGE TP/ LOT 8 CON 4	041I10	690
FANO	OTTER TP	041J12	208
FECUNIS MINE	LEVACK TP	041I11	77
FENSON	LORNE TP/ LOT 10 CON 2	041I05	23
FITZPATRICK	GAUDETTE TP	041K16	232
FORD CLAIM	DAVIS TP	041I10	310
FORT NORMAN EXPL-1	ALBANEL TP	041J10	830
FORT NORMAN EXPL-2	ALBANEL TP	041J11	846
FORT NORMAN EXPL-3	ALBANEL TP	041J10	831
FORT NORMAN EXPL-4	ALBANEL TP	041J10	832
FORT NORMAN EXPL-5	ALBANEL TP	041J10	833
FOSTER TP-TUNGSTEN	FOSTER TP	041I04	16
FOX LAKE	MONGOWIN TP/ LOTS 5 & 6 CON 4	041I04	638
FOY TP-FOY OFFSET EXTENSION	FOY TP	041I14	710
FRALECK TOWNSHIP-1	FRALECK TP	041I15	717
FRALECK TOWNSHIP-2	FRALECK TP	041I15	718
FRASER-1	ABERDEEN TP	041J05	128
FRESHETTE ISLAND	FRESHETTE ISLAND/ LAKE HURON	041J01	745
FROBEL LAKE	CASSON TP	041J11	196
FRODD MINE	MCKIM TP/ LOT 6-7 CON 6	041I11	78
FULLERTON LAKE	RAIMBAULT TP	041J10	835
GALBRAITH TP - 1	GALBRAITH TP	041J12	795
GALBRAITH TP- LOT 8 CON 2	GALBRAITH TP/ LOT 8 CON 2	041J05	463
GALBRAITH TP-LOT 7 CON 2	GALBRAITH TP/ LOT 7 CON 2	041J05	484
GALBRAITH TP-2	GALBRAITH TP	041J12	847
GARSON MINE	GARSON TP/ LOT 4 CON 3	041I10	65
GAUDETTE TP	GAUDETTE TP	041K16	404
GAUDETTE TP	GAUDETTE TP	041J13	405
* GAUTHIER	NAIRN AND HYMAN TPS	041I05	25
GEO-SCIENTIFIC PROSPECTORS	SCHOLES TP	041I16	724
GEOPHYSICAL ENGINEERING	CLEMENT TP	041I16	723
GERTRUDE MINE	CREIGHTON TP/ LOT 3-5/ CON 1	041I06	46
* GESDORFFITE/ MACDONNELL	DENISON TP/ LOT 12 CON 3	041I06	47B
* GILLESPIE	TRILL TP/ LOTS 10 & 11 CON 3	041I05	33
GIMBY	KEHOE TP	041J12	209
GIMBY LAKE	PALMER TP	041N02	241
GIMLET LAKE	RYAN TP	041N02	242
GLADSTONE TP-LOT 10 CON 4	GLADSTONE TP/ LOT 10 CON 4	041J06	508
GLADSTONE TP-LOT 11 CON 2	GLADSTONE TP/ LOT 11 CON 2	041J06	510
GLADSTONE TP-LOT 12 CON 3	GLADSTONE TP/ LOT 12 CON 3	041J06	511
GLADSTONE TP-LOT 12 CON 4	GLADSTONE TP/ LOT 12 CON 4	041J06	491
GLADSTONE TP-LOT 7 CON 1	GLADSTONE TP/ LOT 7 CON 1	041J06	509
GLADOMA MINE	GLADSTONE TP/ LOT 1 CON 2	041J06	153
GLENROCK	PALMER TP	041N02	814
GOLF LAKE	DAUMONT TP	041J13	215
GOUGH TP	GOUGH TP	041I05	649
GOULAIS RIVER	VANKOUGHNET TP/ SEC 14	041K16	320
GOULD COPPER MINE	GOULD TP/ LOT 10-11 CON 5	041J11	197
GOULD TP	GOULD TP	041J06	757
GOULD TP- LOT 12 CON 3	GOULD TP/ LOT 12 CON 3	041J06	513
GOULD TP-LOT 12 CON 6	GOULD TP/ LOT 12 CON 6	041J11	512
GOULDING MINE	COBDEN TP/ LOT 10 CON 5	041J06	116
GRAHAM TP- LOTS 5-6 CON 3	GRAHAM TP/ LOT 5-6 CON 3	041I06	441
GRAHAM TP- LOTS 6-8 CON 3	GRAHAM TP/ LOTS 6-8 CON 3	041I06	443
GRAHAM TP- LOTS 9-11 CON 3-4	GRAHAM TP/ LOT 9-11 CON 3-4	041I06	444
GRAHAM TP-LOT 12 CON 3	GRAHAM TP/ LOT 12 CON 3	041I06	442
* GRAINGER-MILLETTE	SCHOLES TP	041I16	727
GRAND PORTAGE MINE	GOULD TP/ LOT 8 CON 1	041J06	154
GRANT	MAY TP/ LOT 10 CON 5	041J08	531
GRATTON	GAUDETTE TP	041K16	406
* GRIMSELL	DRURY TP/ LOTS 4 & 5 CON 3	041I06	666
* GUI-POR	RYAN TP	041N02	242

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFIL NO
GULL LAKE	PHYLLIS TP	041116	725
GUNTERMAN TP	GUNTERMAN TP	041J07	765
* GUTCHER	SALTER TP/ SEC 13 & 14	041J01	473
HALKIN	CLEMENT TP	041116	105
HALLAM	HALLAM TP/ LOT 7 CON 2	041104	17
HALLAM TP-LOT 3 CON 6	HALLAM TP/ LOT 3 CON 6	041105	650
HANMER TOWNSHIP	HANMER TP/ LOT 1-2/ CON 2	041110	451
HANOVER EXPLORATIONS LTD	PORTER TP/ CONC 1 & 2/ L 8-12	041105	366
HARBINSON	MONTGOMERY TP/ LOT 7-8 CON 5-6	041J06	494
HARDY MINE	LEVACK TP/ LOT 9 CON 1	041111	79
HARMER	SHAKESPEARE TP/ LOT 2 CON 3	041105	371
HART TOWNSHIP NO 1	HART TP/ LOT 7-8 CON 5	041112	96
HART TOWNSHIP NO 2	HART TP	041112	97
HARVARD	SAGARD TP	041J10	184
HATHAWAY	RANKIN LOCATION	041N02	243
HAVILAH MINE	GALBRAITH TP/ LOT 11-12 CON 3	041J05	728
HEFFLER NORTH	MAY TP/ LOT 8 CON 3	041J01	743
HEFFLER SOUTH	MAY TP/ LOT 7-8 CON 2-3	041J01	744
HEMBRUFF TP-1	HEMBRUFF TP	041J10	836
HEMBRUFF TP-2	HEMBRUFF TP	041J10	837
HEMBRUFF TP-3	HEMBRUFF TP	041J10	838
HEMBRUFF TP-4	HEMBRUFF TP	041J01	838
HERMINA MINE	SALTER TP/ SEC 7/ 17/ 18	041J01	113
HESS LAKE MAGNETITE	HESS TP/ LOT 10-11 CON 1	041112	705
HIGHWAY	KINCAID TP	041N02	244
HILLMAN NO 1	AWERES TP/ SEC 30	041K09	884
HODDEN GREY	FALCONBRIDGE TP/ LOT 4 CON 4	041110	453
HODGINS TP-LOT 2 CON 1	HODGINS TP/ LOT 2 CON 1	041J12	527
HODGINS TP-LOT 2 CON 4	HODGINS TP/ LOT 2 CON 4	041J12	528
HODGINS TP-LOT 7 CON 6	HODGINS TP/ LOT 7 CON 6	041K16	808
HOLSTROM	BOTHA TP	041114	459
HOPE LAKE	LEWIS TP	041J07	516
HOTHAM ISLAND	HOTHAM ISLAND/ LAKE HURON	041J01	739
* HOUSE LAKE	MONGOWIN TP/ LOT 11 CON 3	041104	352
HUGLI LAKE	MCMAHON TP	041J12	783
* HUSTON LAKE	GOULD TP/ LOT 10-11 CON 6	041J11	197
HY-TOWER MINE	PARKINSON TP/ LOT 11 CON 3	041J06	159
INDIAN LAKE	ABERDEEN TP/ LOT 6 CON 2	041J05	129
INDUMIN	JARVIS TP/ LOT 11 CON 6	041K09	804
INTERNATIONAL COBALT & SILVER	PHYLLIS TP	041116	736
* IRON BRIDGE/ CANNON	KAMICHISITIT TP	041J06	194
* IRDQUOIS BAY	CURTIN TP	041104	321
IRDQUOIS ISLAND/ ISLAND 2198	CURTIN TP	041104	321
ISLAND NO 364	VOGT TP	041116	103
ISLAND S END OF WHISKEY LAKE	GATSHK TP	041J08	786
ISLAND 725/ ABEX	PHYLLIS TP	041116	314
J KRUMMEN	ABERDEEN TP/ LOT 4 CON 2	041J05	490
JANES TOWNSHIP-KENNCO	JANES TP	041109	686
JANES TOWNSHIP-1	JANES TP	041109	684
JANES TOWNSHIP-2	JANES TP	041109	685
JANES TOWNSHIP-3	JANES TP	041109	691
JANES TOWNSHIP-4	JANES TP/ LOT 4-5 CON 5	041109	57
JANOSE	GAUDETTE TP	041J13	233
JARDUN MINE	DUNCAN & JARVIS TPS	041K09	222
JARDUN MINE-NO 1 ZONE	DUNCAN TP	041K09	222
JARDUN MINE-NO 2 ZONE	JARVIS TP	041K09	221
JARDUN MINE-NO 3 ZONE	DUNCAN TP	041K09	220
JARDUN MINE-NO 4 ZONE	JARVIS TP	041K09	219
JARVIS TP	JARVIS TP SW 1/4	041K09	400
JARVISTON	JARVIS TP	041K09	803
JAYCO	KIRKWOOD TP/ LOT 3-4 CON 6	041J06	130
JOGRAN	RYAN TP	041N02	245
JOHNSTON TP-LOT 7 CON 3	JOHNSTON TP/ LOT 7 CON 3	041J05	386
JOUBIN TP	JOUBIN TP	041J08	775
JUILLETTE TP-1	JUILLETTE TP	041J06	751
JUILLETTE TP-2	JUILLETTE TP	041J06	752
JUNIOR FROOD	BLEZARD TP/ LOT 8-9 CON 1	041111	80
JURY MINE	PATTON TP/ SEC 27	041J06	155
KARL	FOSTER TP/ LOT 12 CONC 5 & 6	041104	639
KAYJON	DAVIS & SCADDING TPS	041110	68
KEBA	NAIRN AND HYMAN TPS	041105	25
KELLY	HALLAM TP/ LOT 7 CON 3	041104	350
KELLY TOWNSHIP	KELLY TP	041115	719
KELLY-K	KELLY TP	041110	67
KENNCO-KIRKLAND LAKE	JANES TP	041109	732
KENNEDY	PATTON TP/ SEC 36 NE 1/4	041J06	156
KERR-SCOTT	DEROCHE TP/ LOT 9 CON 3	041K09	802
KIDD COPPER MINE	DENISON TP/ LOT 11-12/ CON 2-3	041106	47
KIDD COPPER MINE-AER ZONE	DENISON TP/ LOT 12 CON 2	041106	47A
KIDD COPPER MINE-HOWLAND PIT	DENISON TP/ LOT 12 CON 2	041106	47C
KIDD COPPER MINE-ROSEN ZONE	DENISON TP/ LOT 12 CON 3	041106	47B
KIDD COPPER MINE-Z ZONE	DENISON TP/ LOT 11 CON 3	041106	47D
KINDLE LAKE	LEHMAN TP	041J08	520
KING EDWARD	ROSE TP/ SEC 11	041J05	485
KIRBY-LEGGE NO 1	DEROCHE TP/ LOT 10/ CON 2 DR 3	041K09	800
KIRBY-LEGGE NO 2	DEROCHE TP/ LOT 10/ CON 2 DR 3	041K09	801
KIRK	ABERDEEN TP/ LOT 11 CON 5	041J05	131
KIRKPATRICK LAKE-1	SAVER TP	041J11	780
KIRKPATRICK LAKE-2	LECARON TP	041J11	781
KIRKWOOD MINE	GARSON TP/ LOT 8 CON 3	041110	66
KNOBLAUCH	THOMPSON TP/ SEC 1/ NW 1/4	041J06	118
KORDAL	HYMAN TP	041105	26
KORDAL-NO 1 ZONE	HYMAN TP/ LOT 6 CON 1	041105	861
KORDAL-NO 2 ZONE	HYMAN TP/ LOT 6 CON 1	041105	862
KORDAL-NO 3 ZONE	HYMAN TP/ LOT 5 CON 2	041105	863
KORDAL-NO 4 ZONE	HYMAN TP/ LOT 3 CON 1	041105	26D
KRISTINA MINE	LAYERENDRYE TP	041K16	234
* KUKAGAMI LAKE	KELLY TP	041110	67
KYNOCH	GRASETT TP/ LOT 8 CON 1	041J06	157
L ZONE	MCDONNELL LOCATION	041N02	422
LA VASE LAKE	INDIAN RESERVE NO 6	041106	672
LACELLE	MERRITT TP/ LOT 1 CON 2	041104	640

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFILE NO
LAKE GENEVA MINE	HESS TP/ LOT 7 CON 6	041113	431
LAKE PANACHE	INDIAN RESERVE NO 6	041106	671
LAMONTHE LAKE EAST	MICMAHON TP	041J12	789
LAMONTHE LAKE NORTH	MICMAHON TP	041J12	792
LASCHELLE	SALTER TP/ SEC 11	041J08	769
LEGER	CLEMENT TP	041116	106
LETSON	JANES TP/ LOT 12 CON 2	041109	446
LEVACK MINE	LEVACK TP/ LOT 7 CON 2	041111	81
LEVACK WEST MINE	LEVACK TP/ LOT 9 CON 1	041111	82
LEWIS LAKE	GREAT LA CLOCHE ISLAND	041104	864
LITTLE BALD DOME	PLUMMER ADDITIONAL TP	041J05	132
LITTLE PICKEREL LAKE	GRASETT TP/ LOT 10-11 CON 4	041J06	158
LITTLE STOBIE MINE	BLEZARD TP/ LOT 6 CON 1	041111	83
* LITTLE WHITE RIVER	PARKINSON TP/ LOT 11 CON 3	041J06	159
LOCKERBY MINE	DENISON TP/ LOT 2 CON 5	041106	48
LONG LAKE GOLD MINE	INDIAN RESERVE NO 6	041106	673
LONG TP	LONG TP/ LOT 3 CON 1	041J02	748
LONGVACK MINE	LEVACK TP/ LOT 3 CON 4	041111	84
LONGVACK SOUTH MINE	LEVACK TP/ LOT 3 CON 4	041111	85
LORD	GOULD TP/ LOT 10 CON 6	041J11	198
LORNE STATION	BALDWIN TP/ LOT 1 CON 1	041105	369
LORNE TP-LOT 12 CON 1	LORNE TP/ LOT 12 CON 1	041105	351
LORNE TP-LOT 6 CON 4	LORNE TP/ LOT 6 CON 4	041106	674
LORNE TP-LOT 8 CON 4	LORNE TP/ LOT 8 CON 4	041105	357
* LOUGHRAM & DWYER	DRURY TP/ LOT 3 CON 3	041106	663
LOUISE TP-LOT 8 CON 2	LOUISE TP/ LOT 8 CON 2	041106	675
LUTZ VEIN	MCDONNELL LOCATION	041N02	421
MAC-AUER	DAVIS TP/ LOT 14 CON 4	041110	692
* MACKENZIE MINE/ CLAIM WR 35	DAVIS TP/ LOT 14 CON 4	041110	692
MACLENNAN MINE	MACLENNAN TP/ LOT 8 CON 2	041110	69
* MACPHERSON	FAIRBANK TP/ LOT 2 CON 5	041111	93
MAJESTIC MINE	MONGOWIN TP/ LOTS 8 & 9 CONC 3	041104	641
* MAKI	FOSTER TP/ LOT 10 CON 5	041105	645
MALACHITE CREEK	KINCAID TP	041N02	246
MAMAINSE MINE	MCDONNELL LOCATION	041N02	247
* MANITOU LAKE/ IRON MT	CLEMENT TP	041116	106
MARICONA	SLATER TP	041N02	248
MARION LAKE	MONCRIEFF TP/ LOT 12 CON 6	041113	458
MARTIN	PATTON TP/ LOT 8 CON 3	041J06	160
MASSEY MINE	SALTER TP/ SEC 15 & 16	041J01	114
MASSEY MINE MAIN SHAFT	SALTER TP/ SEC 15	041J01	891
MASSEY MINE NO 4 SHAFT	SALTER TP/ SEC 16	041J01	892
MASSEY MINE WEST	SALTER TP/ SEC 16	041J01	893
MAY TP-LOT 1 (S HALF) CON 6	MAY TP/ LOT 1 (S HALF) CON 6	041105	652
MAY TP-LOT 11 CON 6	MAY TP/ LOT 11 CON 6	041J08	774
MAY TP-LOT 6 CON 2	MAY TP-LOT 6 CON 2	041J01	738
MAY TP-LOT 7 CON 5	MAY TP/ LOT 7 CON 5	041J08	772
MAY TP-LOT 9 CON 5	MAY TP-LOT 9 CON 5	041J08	768
MCCAULEY	MAY TP/ LOT 5 CON 6	041105	373
* MCCCHARLES MINE	SNIDER TP/ LOT 9 CON 2	041106	50
MCCCLASKY NO 1	RIOUX TP	041J14	218
MCCCLASKY NO 2	RIOUX TP	041J14	798
MCCCLASKY NO 3	RIOUX TP	041J14	799
MCCONNELL	DENISON TP/ LOT 11 CON 4	041106	383
* MCCONNELL MINE	DENISON TP/ LOT 8 CON 4	041106	55
MCCOOL LAKE	GAIASHK TP	041J08	174
MCCORMICKS MINE	NEELON TP/ LOT 12 CON 3	041107	681
* MCCREEDY WEST MINE	LEVACK TP/ LOT 9 CON 1	041111	82
MCDONNEL LOCATION	MCDONNEL LOCATION	041N02	428
* MCFARLEN	TARBUTT TP	041J05	875
MCGOVERN & MCCOLLOUGH LAKES	OLSEN TP	041N01	238
MCINTYRE	DENISON TP/ LOT 10 DR 11 CON 3	041106	676
MCKEE	MAY TP	041105	824
* MCKERROW/ UNITED COBALT/ ERIE	MAY TP/ LOT 1 (N HALF) CON 6	041105	374
* MCKERROW/ UNITED COBALT/ ERIE	BALDWIN TP/ LOT 11 CON 4	041105	29
MCKIM MINE	BALDWIN TP/ LOTS 9-10 CON 5	041105	364
MCKINNEY	MCKIM TP/ LOT 11 CON 6	041111	86
MCLEOD	RYAN TP	041N02	249
MICMAHON LAKE	DAVIS TP	041109	449
MICMAHON TP-LOT 6 CON 2	MICMAHON TP	041J12	787
MCMILLAN MINE	MICMAHON TP/ LOT 6 CON 2	041J12	849
MENISH TP	MONGOWIN TP/ LOT 11 CON 3	041104	352
MENISH-NO 13 & 14 & 14B SHOWINGS	MENISH TP	041116	726
MENISH-NO 5 & 6 SHOWINGS	MENISH TP	041116	857
MENISH-NO 8 SHOWING	MENISH TP	041116	855
MCVITTIE	MENISH TP	041116	856
MCVITTIE-GRAHAM	STREET TP/ LOT 9-10 CON 3	041110	452
MEAT BIRD LAKE	GRAHAM TP/ LOT 12 CON 5	041106	49
* MID-NATION	WATERS TP/ LOT 7 CON 6	041106	378
* MIDAS	KIRKWOOD TP/ LOT 3-4 CON 6	041J06	130
MILGATE	DAVIS & SCADDING TPS	041110	68
MILNET MINE	NOUVEL TP	041J06	188
MINING GEOPHYSICS	PARKIN TP/ LOT 5 CON 2	041115	870
* MINGUL	SCHOLLES TP	041116	107
* MONGOWIN	NAIRN TP/ LOT 9 CON 1	041105	28
MONTGOMERY TP-1	MONGOWIN TP	041104	16
MONTGOMERY TP-2	MONTGOMERY TP	041J06	506
MONTGOMERY TP-3	MONTGOMERY TP	041J06	505
MONTGOMERY TP-4	MONTGOMERY TP	041J06	504
MONTGOMERY TP-5	MONTGOMERY TP	041J06	759
* MOOSE LAKE	MONTGOMERY TP	041J06	760
MOREDOLPHTON WAREHOUSE&LANDING	OLSEN TP	041N01	412
MORIN TP	LA CLOCHE PENINSULA	041104	865
* MOUNT AETNA	MORIN TP	041J12	793
MOUNT NICKEL MINE	DAVIS TP/ LOT 10 CON 3	041110	58
MOVADO	BLEZARD TP/ LOT 5 CON 1 & 2	041110	87
MOWAT LAKE	DAVIS TP/ FORMER LOT 7 CON 3	041109	308
MURRAY MINE	PARKIN TP/ LOT 12 CON 3-4	041115	464
NAIRN TP- LOT 8-9 CON 5	MCKIM TP/ LOT 12 CON 5	041111	88
NAIRN TP-LOT 1 CON 4	NAIRN TP/ LOT 8 & 9 CON 5	041105	360
NAIRN TP-LOT 9 CON 2	NAIRN TP/ LOT 1 CON 4	041105	653
	NAIRN TP/ LOT 9 CON 2	041105	353



NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFIL NO
NEELEN TP- LOT 2 CON 4	NEELEN TP/ LOT 2 CON 4	041107	445
NEW DOMINION	NORMAN TP/ LOT 9-10 CON 4	041115	461
NEW GOLDEN ROSE MINE	AFTON TP	041116	735
* NEW MINDA-SCOTIA	JOAN TP	041116	854
* NEW MINDA-SCOTIA	JOAN TP	041116	315
NEW SENATOR EAST	NICOLET TP	041N02	250
NICHOLAS TP	NICHOLAS TP	041J10	522
NICHOLAS TP-1	NICHOLAS TP	041J10	840
NICKEL OFFSETS MINE	FOY TP	041I14	99
NICKEL OFFSETS NO 1 SHAFT	FOY TP/ LOT 6 CON 3	041I14	99
NICKEL OFFSETS NO 2 SHAFT	FOY TP/ LOT 5 CON 3	041I14	101
NICKEL RIM MINE	MACLENNAN TP/ LOT 11 CON 4	041110	302
* NO 3 SHAFT	SALTER TP/ SEC 16	041J01	892
NORANDA SHAKESPEARE	SHAKESPEARE TP/ LOT 2 CON 5	041I05	27
NORDUNA MINE	FALCONBRIDGE TP/ LOT 7 CON 5	041110	70
NORSTAR LAKE MINE	DAVIS TP/ LOT 10 CON 3	041110	58
NORTH	PLUMMER ADDITIONAL TP	041J05	134
NORTH MINE	LEVACK TP/ LOT 10 CON 2	041111	85
NORTH MONTGOMERY	MONTGOMERY TP	041J06	323
NORTH MONTGOMERY NO 1	MONTGOMERY TP	041J06	890
NORTH MONTGOMERY NO 2	MONTGOMERY TP	041J06	880
NORTH MONTGOMERY NO 3	MONTGOMERY TP	041J06	881
NORTH RANGE MINE	WISNER TP/ LOT 10 CON 2	041111	90
NORTH STAR MINE	SNIDER TP/ LOT 9 CON 2	041I06	50
NORTH STEINBERG	PLUMMER ADDITIONAL TP	041J05	135
NORTH SUMMIT	KAMICHISITIT TP	041J11	185
NORTHBRIDGE	PARKIN TP/ LOT 6-7 CON 1	041115	463
NOUVEL TP	NOUVEL TP	041J06	758
NYSTEDT	AWERES TP/ SEC 10	041K09	223
OLSEN TP	OLSEN TP	041N01	415
ONAPING MINE	LEVACK TP/ LOT 8 CON 1	041111	91
* ONTARIO RARE METALS-1	TUPPER TP/ SEC 4	041K16	230
* OPHIR	GALBRAITH TP/ LOT 11-12 CON 3	041J05	728
OSSINGTON	JANES TP	041I09	448
OTTER TP	OTTER TP	041J12	529
OWENS	MONGOWIN TP	041I04	18
* OZHWAY	MCNISH TP	041116	856
* OZHWAY	MCNISH TP	041116	855
* OZHWAY	MCNISH TP	041116	857
PALL-MALL	RYAN TP	041K15	227
PALMER BRECCIA ZONE	PALMER TP	041N02	251
PANCAKE LAKE	KINCAID & RYAN TPS	041N02	254
PAPINEAU	BLEZARD TP/ LOT 3 CON 5	041110	693
PATER MINE	SPRAGGE TP	041J02	115
PATHFINDER	KAMICHISITIT TP	041J11	199
PATTERSON	JARVIS TP	041K09	401
PATTON LAKE EAST	MCMAHON TP	041J12	210
PATTON LAKE WEST	MCMAHON TP/ LOT 7 CON 1	041J12	791
PATTON TP- LOT 6-7 CON 4	PATTON TP	041J06	498
PATTON TP- SEC 36 SE 1/4	PATTON TP/ SEC 36 SE 1/4	041J06	763
PATTON TP-LOT 11 CON 6	PATTON TP/ LOT 11 CON 6	041J06	497
PATTON TP-LOT 6 CON 3	PATTON TP/ LOT 6 CON 3	041J06	756
PATTON TP-SEC 28 NW 1/4	PATTON TP	041J06	507
PATTON TP-SEC 28 SE 1/4	PATTON TP/ SEC 28 SE 1/4	041J06	501
PATTON TP-SEC 36	PATTON TP/ SEC 36 SE 1/4	041J06	764
PAYNTER	BRIDGLAND TP/ LOT 6-7 CON 1	041J05	143
PEAKE LAKE	MONTGOMERY TP	041J08	495
PECORS LAKE	JUBIN TP	041J08	175
PETERSON	NAIRN TP/ LOT 9 CON 1	041I05	28
PEYTON	GAJASHK TP	041J08	175
PHELPS	RYAN TP	041N02	252
PLUMMER TP - LOT 12 CON 2	PLUMMER TP/ LOT 12 CON 2	041J05	488
PLUMP LAKE	SCARFE TP	041J06	162
POINTE AUX MINES	RANKIN LOCATION	041N02	818
POND SHOWING NO 1	HYMAN TP	041I05	361
POND SHOWING NO 2	DRURY TP/ LOT 12 CON 4	041I05	355
POULIN TP-1	POULIN TP	041J10	841
POULIN TP-2	POULIN TP	041J10	842
POULIN TP-3	POULIN TP	041J10	843
POULIN TP-4	POULIN TP	041J10	844
PRACE MINE	VANKOUGHNET TP	041K16	807
PRINCIPLE STRATEGIC MINERALS	GLADSTONE TP	041J06	163
PROCTOR TP	PROCTOR TP	041J07	518
PROUX	LORNE TP/ LOT 9 CON 6	041I05	654
QUINTET LAKE	OLSEN TP	041N01	412
* RAINBOW MINE	JOHNSON TP/ LOT 0	041J05	138
RAMSEY LAKE	MCKIM TP/ LOT 6 CON 2	041I06	380
RANKIN	RANKIN LOCATION	041K09	392
RANKIN LOCATION	KINCAID TP & TP 29	041N02	860
RANSON	CHESLEY TP/ LOT 11 CON 5	041J12	211
RANSON	RYAN TP	041N02	429
* RANSON CREEK	DUNCAN TP	041K09	397
RASTALL-ALLENAN (NO 1)	NAIRN TP/ LOT 3 CON 3	041I05	655
RASTALL-ALLENAN (NO 2)	NAIRN TP/ LOT 3 CON 2	041I05	656
RATHBUN LAKE	RATHBUN TP	041I15	98
RAWHIDE LAKE	VEIL TP	041J10	834
RAYTOMIC-1	KINCAID TP	041N02	253
RAYTOMIC-2	KINCAID TP	041N02	820
REGAL LAKE	ALBANEL TP	041J11	778
RENNER NO 1	JACKSON TP	041J11	337
RENNER NO 2	JACKSON TP	041J11	779
* RESERVE LAKE	JARVIS TP SW 1/4	041K09	400
REUBEN MCKEE	OTTER TP/ LOT 1 CON 3	041J11	387
REYNOLDS LOCATION NO 2	LEHMAN TP	041J08	770
REYNOLDS LOCATION WR 92	LEHMAN TP	041J08	177
* RICHARDS	KINCAID & RYAN TPS	041N02	254
RICHER	HARROW TP/ LOT 6 CON 5	041J01	742
RIDGEFIELD	NOUVEL TP	041J06	200
RIOPELLE	DENISON TP/ LOT 9 CON 5	041I06	381
RISING SUN	MORIN TP/ LOT 9 CON 2	041J12	212
* RIVERS/ FAB	PARKIN TP/ LOT 12 CON 3-4	041I15	464
ROARING RIVER NO 1	BRIDGLAND TP/ LOT 1-2 CON 4	041J06	144

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFILE NO
ROARING RIVER NO 2	BRIDGELAND TP	041J06	754
ROBB FARM	DRURY TP/ LOT 7 CON 1	041I05	370
ROBERTSON	TUPPER TP/ SEC 1	041K16	402
* ROBERTSON LAKE(NE OF)	VANKOUGHNET TP/ SEC 1	041K16	408
* ROBINSON MINE/ NO 1 SHAFT	DENISON TP/ LOT 12 CON 2	041I06	47A
ROCHE	MERRITT TP/ LOT 4 CON 3	041I04	642
ROCK LAKE MINE	ABERDEEN TP/ LOT 3 CON 1	041J05	136
ROCKWIN	GOULD TP/ LOT 5 CON 3	041J06	201
ROMAR	MCMAHON TP/ LOT 1 CON 3	041J12	213
ROSS AND CAMERON LAKES	TRILL TP	041I06	384
* ROSS MINE	FOY TP	041I14	99
ROTHSAY	GOULD TP/ LOT 5 CON 5	041J11	782
* ROTHSA Y MINES	GOULD TP/ LOT 4 CON 5	041J11	193
RUNNING TP	RUNNING TP	041NO1	812
RUTTAN	DAVIS TP/ LOT 9 CON 2	041I10	450
RYAN TP	RYAN TP	041NO2	416
RYAN TP (NE 1/4)	RYAN TP (NE 1/4)	041NO2	417
SABOURIN	CHESLEY ADDITIONAL TP	041J12	214
SALMAY LAKE	SALTER TP/ SEC 13 & 14	041J01	473
SALTER TOWNSHIP	SALTER TP/ SEC 17	041J01	469
SAVILLE	VOGT TP	041I16	468
SCOTT	MAY TP/ LOT 3 CON 6	041I05	376
SEGARD TP	SAGARD TP	041J10	845
SHAKESPEARE MINE	SHAKESPEARE TP/ LOT 5 CON 1 &	041I05	365
SHAKESPEARE TP- LOT 4-5 CON 4	SHAKESPEARE TP/ LOT 4-5 CON 4	041I05	657
SHAKESPEARE TP- LOT 7 CON 3	SHAKESPEARE TP/ LOT 7 CON 3	041I05	658
SHEBA	NOUVEL TP	041J06	202
SHEDDEN TP	SHEDDEN TP	041J08	521
SHEDDEN TP- SEC 28	SHEDDEN TP/ SEC 28	041J01	827
SHEPPARD	BLEZARD TP/ LOT 1 CON 3	041I10	71
SHEPPARD MINE	MACLENNAN TP/ LOT 4 CON 5	041I10	694
SHIELDS TP	SHIELDS TP	041K16	408
* SILVER CREEK NORTH ZONE	RYAN TP	041NO2	888
* SILVER CREEK SOUTH ZONE	RYAN TP	041NO2	887
SIRDLA	MCCARTHY TP	041I16	110
SKEAD GOLD MINE	MACLENNAN TP/ LOT 5 CON 3	041I10	695
SKUNK LAKE	PHYLLIS & SCHOLLES TPS	041I16	737
SNOWSHOE CREEK	CASSON TP	041J11	203
SOWERBY	DAY TP/ LOT 7 CON 3	041J06	164
SPANISH RIVER MINE	BALDWIN TP	041I05	21
SPANISH RIVER ZINC	CRAIG TP/ LOT 1-2 CON 4-5	041I13	707
SPRAGGE TP	SPRAGGE TP/ SEC 25	041J02	747
SPRINGER (LOT 11 N 1/2 CON 4)	BALDWIN TP/ LOT 11 CON 4	041I05	29
SPRINGER (LOTS 9-10 CON 5)	BALDWIN TP/ LOTS 9-10 CON 5	041I05	364
SPRINGER-PORTER TP	PORTER TP/ LOT 9 & 10 CON 4	041I05	30
* ST LEONARD LAKE	FOSTER TP	041I04	16
STAG LAKE	HEMBRUFF TP	041J10	186
* STANFORD	NICHOLAS & ALBANEL TPS	041J10	182
STEINBERG	PLUMMER ADDITIONAL TP	041J05	137
* STEINKE	SALTER TP/ SEC 36	041J01	470
STERLING	HESS TP/ LOT 2 CON 4	041I14	711
STOBIE MINE	JOHNSON TP/ LOT 0	041J05	138
STOBIE MINE	BLEZARD TP/ LOT 5 CON 1	041I10	72
STONY BAY	TRUMAN TP	041I06	51
STRAIGHT LAKE	ULSTER TP	041I13	708
STRALAK-EAST ZONE	CRAIG TP	041I13	868
STRALAK-WEST ZONE	CRAIG TP	041I13	869
STRATHCONA MINE	LEVACK TP/ LOT 4 CON 4	041I11	92
STRATTON LAKE	FOSTER TP/ LOT 10 CON 1	041I04	643
STRIKER TP - LOT 2 CON 2	STRIKER TP/ LOT 2 CON 2	041J02	480
STRIKER TP-LOT 12 CON 1	STRIKER TP/ LOC 12 CON 1	041J02	479
STUART LAKE	MCMAHON TP	041J12	785
STURDY MINES PROPERTY	FAIRBANK TP/ LOT 2 CON 5	041I11	93
SUDBURY ELBOW	TRILL TP	041I11	455
* SUDBURY LODGE MINES	TRILL TP	041I06	384
* SUDBURY SHAKESPEARE	SHAKESPEARE TP/LOT 1 & 2 CON 5	041I05	22
SUDDRE	SCADDING TP/ LOT 5-6 CON 2-3	041I10	696
SUGAR LAKE	VICTORIA TP/ SEC 14	041J01	471
SULTANA	TRILL & DRURY TPS	041I05	31
* SUPERCREST/ SUPERIOR COPPER	LAVERENDRYE TP	041K16	234
* SUTHERLAND CREEK	PORTER TP/ CONC 1 & 2/ L 8-12	041I05	366
* SWAMP ZONE	DENISON TP/ LOT 11 CON 3	041I06	47D
TAM O SHANTER	SNIDER TP/ LOT 6 CON 3	041I06	52
TAMMINEN	LORNE TP/ LOT 1 CON 6	041I06	677
TARBUTT TP-LOT 2 CON 3	TARBUTT TP/ LOT 2 CON 3	041J05	486
TARBUTT TP-LOT 4 CON 2	TARBUTT TP/ LOT 4 CON 2	041J05	487
TAYLOR	ANDERSON TP	041J12	224
TAYLOR-CASWELL NO 1	SCHOLLES TP	041I16	727
TECK	VIEL TP	041J10	325
TECUMSEH	DAVIS TP/ LOT 11 CON 4 (FORMER	041I10	697
TEMAGAMI	PHYLLIS TP	041I16	111
TEMAGAMI CHALCOPYRITE ZONE	PHYLLIS TP	041I16	111A
TEMAGAMI CU-NI-CO ZONES	PHYLLIS TP	041I16	111B
TENHO LAKE	NAIRN TP/ LOT 8 CON 2	041I05	32
THESSALON RIVER	MORIN TP	041J12	788
THOMPSON TP	THOMPSON TP	041J06	502
* TILLEY LAKES/ THOMPSON	WISHART TP	041NO1	237
* TOMBILL-GUNNEX	VOGT TP	041I16	468
TOMROSE NO 1	CRERAR TP/ LOT 5 CON 5	041I09	850
TOMROSE NO 2	CRERAR TP/ LOT 6 CON 6	041I09	851
TOMROSE NO 3	CRERAR TP/ LOT 5 CON 6	041I09	852
TOMROSE NO 4	CRERAR TP/ LOT 7 CON 6	041I09	853
TOTTEN MINE	DRURY TP/ LOT 2 CON 1	041I06	53
* TRAVERS MINE/ INEZ MINE	DRURY TP/ LOT 3 CON 5	041I06	35
TRIBAG	NICOLET TP	041NO2	420
TRIBAG MINE-BRETON BRECCIA	NICOLET TP	041NO2	423
TRIBAG MINE-WEST BRECCIA	TOWNSHIP 28 RANGE 13	041NO2	424
TRIBAG-EAST BRECCIA ZONE	NICOLET TP	041NO1	426
TRIBAG-SOUTH BRECCIA	NICOLET TP	041NO2	425
TRILL TP-LOT 10 CON 2	TRILL TP/ LOT 10 CON 2	041I05	659
TRILLABELLE	TRILL TP/ LOTS 10 & 11 CON 3	041I05	33
TRILLER	JANES TP	041I09	687

NAME OF DEPOSIT OR OCCURRENCE	TOWNSHIP	NTS AREA	CUFIL NO
TRONSON TP-1	TRONSON TP/ SW CORNER	041N01	810
TRONSON TP-2	TRONSON TP	041N01	811
TRONSON TP-3	TRONSON TP	041N01	813
TROTTER LAKE	GARDEN RIVER INDIAN RESERVE	041K09	393
TROUT LAKE	MCDONNELL LOCATION	041N02	815
TROUT LAKE	AWERES TP/ SEC 32	041K09	391
* TURJA	ULSTER TP	041I13	708
TURPEINEN	LORNE TP/ LOT 5 CON 5	041I06	678
TURPEINEN	PORTER TP/ LOTS 7 & 8 CON 4	041I05	34
* TURPEINEN	BALDWIN TP/ LOT 8 CON 3	041I05	385
TWIN LAKES	ESTEN TP	041J07	169
TWO HORSE LAKE	ABERDEEN ADDITIONAL TP	041J12	139
TWO LAKE MINE	DAY TP/ LOT 8 CON 4	041J06	165
TYRONE	TYRONE TP	041I14	294
UPSALA MINE	CURTIN TP	041I04	644
UPTON-DOUGHTY	KINCAID TP	041N02	256
VACHERESSE	DAUMONT TP	041J13	217
* VANCE	MAY TP/ LOT 10 CON 5	041J08	531
VANKOUGHNET TP	VANKOUGHNET TP/ SEC 1	041K16	409
VANKOUGHNET TP	VANKOUGHNET TP	041K09	410
* VENETIAN LAKE	BOTHA TP	041I14	458
VERMILION LAKE MINE	FAIRBANK TP/ LOT 5 CON 5	041I11	84
VERMILION MINE	DENISON TP/ LOT 5-6 CON 4	041I06	54
* VERMONT MINES LTD	SHAKESPEARE TP/ LOT 5 CON 1 &	041I05	365
VICTOR MINE	MACLENNAN TP/ LOT 10 CON 4	041I10	59
VICTORIA MINE	DENISON TP/ LOT 8 CON 4	041I06	55
* VICTORIA MINE / JARDUN NO 5	DUNCAN TP	041K09	222
VICTORIA TP- SEC 21	VICTORIA TP/ SEC 21	041J01	476
VICTORIA TP-SEC 17	VICTORIA TP/ SEC 17	041J01	475
VICTORIA TP-SEC 36	VICTORIA TP/ SEC 36	041J01	477
* VICTORIA/ CASCADE	DUNCAN & JARVIS TPS	041K09	222
* W D 66	DAVIS TP	041I10	310
WALFORD	VICTORIA TP/ SEC 15	041J01	474
WALFORD STATION	VICTORIA TP/ SEC 26	041J01	472
WALLACE MINE	MONGOWIN TP	041I04	19
* WANAPITEI BASIN	SCADDING TP/ LOT 5-6 CON 2-3	041I10	696
WD 13	BOWELL TP/ LOT 1 CON 3	041I14	712
WD 150/ WD 155	BOWELL TP/ LOT 6 CON 2-3	041I11	95
WD 152	BOWELL TP/ LOT 7 CON 3	041I11	699
WD 16	WISNER TP/ LOT 9 CON 3	041I14	734
WD 17-38	BOWELL TP/ LOTS 3-4 CON 2-3	041I11	688
WD 212	BOWELL TP/ LOT 7 CON 2	041I11	700
WD 233	FOY TP/ LOT 1 CON 3	041I11	701
WD 234	FOY TP/ LOT 3 CON 3	041I14	713
WD 237	BOWELL TP/ LOT 6 CON 2	041I11	702
WD 247	FOY TP/ LOT 2 CON 3	041I11	703
WD 248	FOY TP/ LOT 3 CON 3	041I11	704
WELLS TP	WELLS TP/ LOT 1 CON 3	041J06	755
WEST CREEK	RYAN TP	041N02	257
* WEST GRAHAM	GRAHAM TP/ LOT 12 CON 5	041I06	49
WHARNCLIFFE	WELLS TP/ LOT 12 CON 5	041J06	166
WHISTLE	NORMAN TP/ LOT 6 CON 4-5	041I15	102
WHITE	SHAKESPEARE TP/ LOT 3 CON 2	041I05	660
WHITE RIVER LEAD	ALBANEL TP	041J10	187
WHITEFISH LOCATION Y 352	GAIASHK TP	041J08	178
WHITMELL	KINCAID TP	041N02	258
WHITSON LAKE	MAY TP/ LOT 9 CON 5/6	041J08	773
WILMOT	GALBRAITH TP/LOT 10-11 CON 4-5	041J05	140
* WILSONS MINE	GAIASHK TP	041J08	176
WINDY LAKE	CASCADEN TP/ LOT 3 CON 4	041I11	434
WINSTON	SAYER TP	041J11	204
WOLF LAKE	MACKELCAN TP	041I15	720
WOLF LAKE	SHIELDS TP/ TUPPER TP	041K16	235
WOOD CREEK	DRIN TP	041J12	786
WORTHINGTON MINE	DRURY TP/ LOT 1-2 CON 2	041I06	56
WORTHINGTON NO 2 PIT	DRURY TP/ LOT 1/ CON 2	041I06	823
WORTHINGTON OFFSET	DENISON TP/ LOT 9 CON 4	041I06	679
* WORTHINGTON OFFSET	DENISON TP/ LOT 10 OR 11 CON 3	041I06	676
WR 68	HUTTON TP/ LOT 1 CON 3	041I15	721
* Y	AWERES TP/ SEC 10	041K09	223
5A	KINCAID TP	041N02	816
500 LODGE	PLUMMER ADDITIONAL TP	041J05	133
6A	KINCAID LOCATION	041N02	821
6D	KINCAID LOCATION	041N02	817
7B	KINCAID LOCATION	041N02	822
7C	KINCAID TP	041N02	819

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TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUIFILE NO
	TEMAGAMI CHALCOPYRITE ZONE	041116	111A
ABERDEEN ADDITIONAL TP	TWO HORSE LAKE	041J12	139
ABERDEEN TP	FRASER-1	041J05	128
ABERDEEN TP/ LOT 11 CON 5	KIRK	041J05	131
ABERDEEN TP/ LOT 3 CON 1	ROCK LAKE MINE	041J05	136
ABERDEEN TP/ LOT 3 CON 4	AMAX	041J05	489
ABERDEEN TP/ LOT 4 CON 2	J KRUMMEN	041J05	480
ABERDEEN TP/ LOT 6 CON 2	INDIAN LAKE	041J05	129
AFTON TP	* AFTON MINE/ ABEX	041116	735
AFTON TP	EMERALD LAKE	041116	104
AFTON TP	NEW GOLDEN ROSE MINE	041116	735
AFTON/ SCHOLES TP	AUMACHO RIVER MINES	041116	722
ALBANEL TP	ALBANEL TP-1	041J11	776
ALBANEL TP	ALBANEL TP-2	041J11	777
ALBANEL TP	ALBANEL TP-3	041J10	828
ALBANEL TP	CANAMISKA	041J11	181
ALBANEL TP	ENDIKAI LAKE	041J11	195
ALBANEL TP	FORT NORMAN EXPL-1	041J10	830
ALBANEL TP	FORT NORMAN EXPL-2	041J11	846
ALBANEL TP	FORT NORMAN EXPL-3	041J10	831
ALBANEL TP	FORT NORMAN EXPL-4	041J10	832
ALBANEL TP	FORT NORMAN EXPL-5	041J10	833
ALBANEL TP	REGAL LAKE	041J11	778
ALBANEL TP	WHITE RIVER LEAD	041J10	187
ANDERSON TP	TAYLOR	041J12	224
AWERES TP	AWERES SHOWING	041K09	390
AWERES TP/ SEC 10	NYSTEDT	041K09	223
AWERES TP/ SEC 10	* Y	041K09	223
AWERES TP/ SEC 30	HILLMAN NO 1	041K09	884
AWERES TP/ SEC 32	TROUT LAKE	041K09	391
AWERES TP/ SEC 35 SE 1/4	AWERES TP	041K09	398
AYLMER TP	AYLMER TOWNSHIP	041115	435
BALDWIN TP	* BRISMIL/ BALDWIN	041105	21
BALDWIN TP	SPANISH RIVER MINE	041105	21
BALDWIN TP/ LOT 1 CON 1	LORNE STATION	041105	369
BALDWIN TP/ LOT 1 CON 2	BALDWIN TP-LOT 1 CON 2	041105	368
BALDWIN TP/ LOT 11 CON 3	BALDWIN TP-LOT 11 CON 3	041105	367
BALDWIN TP/ LOT 11 CON 4	* MCKERRROW/ UNITED COBALT/ ERIE	041105	29
BALDWIN TP/ LOT 11 CON 4	SPRINGER (LOT 11 N 1/2 CON 4)	041105	29
BALDWIN TP/ LOT 2 CON 1	ANDREWS	041105	20
BALDWIN TP/ LOT 5 CON 5	ESPANOLA BAY INLET	041105	362
BALDWIN TP/ LOT 8 CON 3	BALDWIN	041105	385
BALDWIN TP/ LOT 8 CON 3	* TURPEINEN	041105	385
BALDWIN TP/ LOTS 9-10 CON 5	* MCKERRROW/ UNITED COBALT/ ERIE	041105	364
BALDWIN TP/ LOTS 9-10 CON 5	SPRINGER (LOTS 9-10 CON 5)	041105	364
BALFOUR TP/ LOT 4 CON 1	ERRINGTON NO 3 SHAFT	041111	867
BALFOUR TP/ LOT 7 CON 6	BALFOUR TP-LOT 7 CON 6	041111	454
BLEZARD TP/ LOT 1 CON 3	SHEPPARD	041110	71
BLEZARD TP/ LOT 3 CON 5	PAPINEAU	041110	693
BLEZARD TP/ LOT 4 CON 2	BLEZARD MINE	041110	61
BLEZARD TP/ LOT 4 CON 2	* DOMINION	041110	61
BLEZARD TP/ LOT 5 CON 1	STOBIE MINE	041110	72
BLEZARD TP/ LOT 5 CON 1 & 2	MOUNT NICKEL MINE	041110	87
BLEZARD TP/ LOT 6 CON 1	LITTLE STOBIE MINE	041111	83
BLEZARD TP/ LOT 8-9 CON 1	JUNIOR FROOD	041111	80
BOON TP	EAST BULL LAKE NO 1	041J08	771
BOON TP	EAST BULL LAKE NO 2	041J08	171
BOTHA TP	HOLSTROM	041114	459
BOTHA TP	* VENETIAN LAKE	041114	459
BOWELL TP/ LOT 1 CON 3	WD 13	041114	712
BOWELL TP/ LOT 6 CON 2	WD 237	041111	702
BOWELL TP/ LOT 6 CON 2-3	WD 150/ WD 155	041111	95
BOWELL TP/ LOT 7 CON 2	WD 212	041111	700
BOWELL TP/ LOT 7 CON 3	WD 152	041111	699
BOWELL TP/ LOTS 3-4 CON 2-3	WD 17-38	041111	698
BRIDGELAND TP	BRIDGELAND TP-1	041J05	749
BRIDGELAND TP	BRIDGELAND TP-2	041J05	750
BRIDGELAND TP	BRIDGELAND TP-3	041J05	751
BRIDGELAND TP	BRIDGELAND TP-4	041J06	752
BRIDGELAND TP	ROARING RIVER NO 2	041J06	754
BRIDGELAND TP/ LOT 1-2 CON 4	ROARING RIVER NO 1	041J06	144
BRIDGLAND TP/ LOT 6-7 CON 1	PAYNTER	041J05	143
BRIDGLAND TP/ LOT 10-11 CON 1-2	SAND-ORE	041J05	142
CAPREOL TP	CAPRE	041110	62
CASCADEN TP/ LOT 3 CON 4	WINDY LAKE	041111	434
CASSON TP	BOWLES	041J11	189
CASSON TP	CASSON TP	041J11	389
CASSON TP	FROBEL LAKE	041J11	196
CASSON TP	SNOWSHOE CREEK	041J11	203
CENTRAL HESS TP	CENTRAL HESS TOWNSHIP	041113	706
CHELSEY ADDITIONAL TP	CHELSEY ADDITIONAL TP	041J12	796
CHELSEY ADDITIONAL TP	SABOURIN	041J12	214
CHELSEY TP/ LOT 11 CON 5	RANSON	041J12	211
CLEMENT TP	GEOPHYSICAL ENGINEERING	041116	723
CLEMENT TP	HALKIN	041116	105
CLEMENT TP	LEGER	041116	106
CLEMENT TP	* MANITOU LAKE/ IRON MT	041116	106
COBDEN TP	COBDEN TP - LOT 11 CON 2	041J03	481
COBDEN TP/ LOT 10 CON 2	COBDEN TP-LOT 10 CON 2	041J03	482
COBDEN TP/ LOT 10 CON 5	GOULDING MINE	041J06	116
COBDEN TP/ LOT 12 CON 6	COBDEN TP-LOT 12 CON 6	041J06	496
COBDEN TP/ LOT 5 CON 3	COBDEN TP-LOT 5 CON 3	041J02	478
COBDEN TP/ LOT 6 CON 1	COBDEN TP-LOT 6 CON 1	041J02	746
CRAIG TP	STRALAK-EAST ZONE	041113	868
CRAIG TP	STRALAK-WEST ZONE	041113	869
CRAIG TP/ LOT 1-2 CON 4-5	SPANISH RIVER ZINC	041113	707
CRAIG TP/ LOT 4 CON 2	ALMORE	041113	457
CREIGHTON & BALFOUR TPS	ERRINGTON MINE	041111	76
CREIGHTON TP/ LOT 3-5/ CON 1	GERTRUDE MINE	041106	46
CREIGHTON TP/ LOT 5 CON 1	CREIGHTON TP-LOT 5 CON 1	041106	661
CREIGHTON TP/ LOT 7-8 CON 6	ERRINGTON NO 2 SHAFT	041111	866
CREIGHTON TP/ LOT 9 CON 6	ERRINGTON NO 1 SHAFT	041111	76A

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
CRERAR TP/ LOT 5 CON 5	TOMROSE NO 1	041109	850
CRERAR TP/ LOT 5 CON 6	TOMROSE NO 3	041109	852
CRERAR TP/ LOT 6 CON 6	TOMROSE NO 2	041109	851
CRERAR TP/ LOT 7 CON 6	TOMROSE NO 4	041109	853
CURTIN TP	AGGRESSIVE MINING PROPERTY	041104	307
CURTIN TP	* BOUSQUET AND WHITE CLAIMS	041104	307
CURTIN TP	BOUSQUET MINE	041104	322
CURTIN TP	* IROQUOIS BAY	041104	321
CURTIN TP	IROQUOIS ISLAND/ ISLAND 2198	041104	321
CURTIN TP	UPSALA MINE	041104	644
DAUMONT TP	GOLF LAKE	041J13	216
DAUMONT TP	VACHERESSE	041J13	217
DAVIS & SCADDING TPS	KAYJON	041110	68
DAVIS & SCADDING TPS	* MIDAS	041110	68
DAVIS TP	CANDORE	041110	304
DAVIS TP	DAVIS TOWNSHIP-1	041109	682
DAVIS TP	FORD CLAIM	041110	310
DAVIS TP	MCLEOD	041109	449
DAVIS TP	* W D 66	041110	310
DAVIS TP/ FORMER LOT 7 CON 3	MOVADO	041109	308
DAVIS TP/ LOT 1-2 CON 4 (FORMER	DAVIS TOWNSHIP-2	041109	683
DAVIS TP/ LOT 10 CON 3	* MOUNT AETNA	041110	58
DAVIS TP/ LOT 10 CON 3	NEBSTAR LAKE MINE	041110	58
DAVIS TP/ LOT 11 CON 4 (FORMER	TECUMSEH	041110	897
DAVIS TP/ LOT 14 CON 4	MAC-AUER	041110	692
DAVIS TP/ LOT 14 CON 4	* MACKENZIE MINE/ CLAIM WR 35	041110	692
DAVIS TP/ LOT 8 CON 2	RUTTAN	041110	450
DAY TP/ LOT 1 CON 3	DEMPSEY	041J06	151
DAY TP/ LOT 7 CON 3	SOWERBY	041J06	164
DAY TP/ LOT 8 CON 4	TWO LAKE MINE	041J06	165
DENISON TP/ LOT 10 OR 11 CON 3	MCINTYRE	041106	676
DENISON TP/ LOT 10 OR 11 CON 3	* WORTHINGTON OFFSET	041106	676
DENISON TP/ LOT 11 CON 2	DENISON TP-LOT 11 CON 2	041106	438
DENISON TP/ LOT 11 CON 3	KIDD COPPER MINE-Z ZONE	041106	47D
DENISON TP/ LOT 11 CON 3	* SWAMP ZONE	041106	47D
DENISON TP/ LOT 11 CON 4	MCCONNELL	041106	383
DENISON TP/ LOT 11-12/ CON 2-3	* AER NICKEL	041106	47
DENISON TP/ LOT 11-12/ CON 2-3	KIDD COPPER MINE	041106	47
DENISON TP/ LOT 12 CON 2	KIDD COPPER MINE-AER ZONE	041106	47A
DENISON TP/ LOT 12 CON 2	KIDD COPPER MINE-HOWLAND PIT	041106	47C
DENISON TP/ LOT 12 CON 2	* ROBINSON MINE/ NO 1 SHAFT	041106	47A
DENISON TP/ LOT 12 CON 3	* GESDORFFITE/ MACDONNELL	041106	47B
DENISON TP/ LOT 12 CON 3	KIDD COPPER MINE-ROSEN ZONE	041106	47B
DENISON TP/ LOT 12 CON 4	DENISON TP-LOT 12 CON 4	041106	439
DENISON TP/ LOT 2 CON 5	* CREAM HILL MINE NO 2	041106	44
DENISON TP/ LOT 2 CON 5	ELLEN MINE	041106	44
DENISON TP/ LOT 2 CON 5	LOCKERBY MINE	041106	48
DENISON TP/ LOT 3 CON 5	DENISON TP-LOT 3 CON 5	041106	664
DENISON TP/ LOT 3-4 CON 4	DENISON TP- LOT 3-4 CON 4	041106	440
DENISON TP/ LOT 4-5 CON 5	CREAM HILL MINE	041106	42
DENISON TP/ LOT 5-6 CON 4	VERMILION MINE	041106	54
DENISON TP/ LOT 6-8 CON 3	DENISON TP- LOT 6-8 CON 3	041106	437
DENISON TP/ LOT 8 CON 4	DENISON TP- LOT 8 CON 4	041106	662
DENISON TP/ LOT 8 CON 4	* MCCONNELL MINE	041106	55
DENISON TP/ LOT 8 CON 4	VICTORIA MINE	041106	55
DENISON TP/ LOT 9 CON 4	WORTHINGTON OFFSET	041106	679
DENISON TP/ LOT 9 CON 5	RIOPELLE	041106	381
DEROCHE TP/ LOT 10/ CON 2 OR 3	* ALGOMA GALENA/ MCNABB	041K09	800
DEROCHE TP/ LOT 10/ CON 2 OR 3	* ALGOMA GALENA/ MCNABB	041K09	801
DEROCHE TP/ LOT 10/ CON 2 OR 3	KIRBY-LEGGE NO 1	041K09	800
DEROCHE TP/ LOT 10/ CON 2 OR 3	KIRBY-LEGGE NO 2	041K09	801
DEROCHE TP/ LOT 12 CON 2	DEROCHE TP-LOT 12 CON 2	041K09	805
DEROCHE TP/ LOT 9 CON 2	EDGAR	041K09	883
DEROCHE TP/ LOT 9 CON 3	* ALGOMA GALENA/ MCNABB	041K09	802
DEROCHE TP/ LOT 9 CON 3	KERR-SCOTT	041K09	802
DRURY TP/ LOT 1 CON 5	DRURY TP-LOT 1 CON 5	041106	825
DRURY TP/ LOT 1-2 CON 2	* CREAM	041106	56
DRURY TP/ LOT 1-2 CON 2	WORTHINGTON MINE	041106	56
DRURY TP/ LOT 1/ CON 2	WORTHINGTON NO 2 PIT	041106	823
DRURY TP/ LOT 10 CON 4	ALFORD	041105	356
DRURY TP/ LOT 12 CON 4	POND SHOWING NO 2	041105	355
DRURY TP/ LOT 2 CON 1	TOTTEN MINE	041106	53
DRURY TP/ LOT 2 CON 5	DRURY TP-LOT 2 CON 5	041106	826
DRURY TP/ LOT 3 CON 3	DRURY TP-LOT 3 CON 3	041106	663
DRURY TP/ LOT 3 CON 3	* LOUGHRAM & DWYER	041106	663
DRURY TP/ LOT 3 CON 5	CHICAGO MINE	041106	35
DRURY TP/ LOT 3 CON 5	* TRAVERS MINE/ INEZ MINE	041106	35
DRURY TP/ LOT 4 CON 4	DRURY TP-LOT 4 CON 4	041106	665
DRURY TP/ LOT 5 CON 2	DRURY TP-LOT 5 CON 2	041106	667
DRURY TP/ LOT 6 CON 3	DRURY TP-LOT 6 CON 3	041106	668
DRURY TP/ LOT 6 CON 4	DWYER MINE	041106	670
DRURY TP/ LOT 7 CON 1	ROBB FARM	041105	370
DRURY TP/ LOT 7 CON 4	DRURY TP-LOT 7 CON 4	041105	647
DRURY TP/ LOT 8 CON 3	DRURY TP-LOT 8 CON 3	041105	648
DRURY TP/ LOT 9 CON 4	ALANEN AND MAKI	041105	354
DRURY TP/ LOTS 4 & 5 CON 3	DRURY TP-LOT 4 & 5 CON 3	041106	666
DRURY TP/ LOTS 4 & 5 CON 3	* GRIMSSELL	041106	666
DRYDEN TP-LOT 6 CON 6	DRYDEN TP-LOT 6 CON 6	041110	688
DRYDEN TP/ LOT 10 CON 1	DRYDEN TP-LOT 10 CON 1	041107	689
DUNCAN & JARVIS TPS	JARDUN MINE	041K09	222
DUNCAN & JARVIS TPS	* VICTORIA/ CASCADE	041K09	222
DUNCAN TP	DUNCAN TP	041K09	397
DUNCAN TP	DUNCAN TP	041K09	806
DUNCAN TP	JARDUN MINE-NO 1 ZONE	041K09	222
DUNCAN TP	JARDUN MINE-NO 3 ZONE	041K09	220
DUNCAN TP	* RANSON CREEK	041K09	397
DUNCAN TP	* VICTORIA MINE / JARDUN NO 5	041K09	222
DUNLOP TP	BROULAN REEF M L	041105	646
ESTEN TP	ESTEN TP	041J07	517
ESTEN TP	TWIN LAKES	041J07	169
FAIRBANK TP/ LOT 2 CON 5	* MACPHERSON	041111	93
FAIRBANK TP/ LOT 2 CON 5	STURDY MINES PROPERTY	041111	93

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
FAIRBANK TP/ LOT 5 CON 5	* CONSOLIDATED SUDBURY BASIN	041111	94
FAIRBANK TP/ LOT 5 CON 5	VERMILION LAKE MINE	041111	94
FALCONBRIDGE TP/ LOT 1 CON 1	BEATH	041110	433
FALCONBRIDGE TP/ LOT 11 CON 4	FALCONBRIDGE MINE	041110	63
FALCONBRIDGE TP/ LOT 4 CON 2	FALCONBRIDGE TP-LOT 4 CON 2	041110	689
FALCONBRIDGE TP/ LOT 4 CON 4	HODDEN GREY	041110	453
FALCONBRIDGE TP/ LOT 7 CON 4	FALCONBRIDGE TP-LOT 7 CON 4	041110	311
FALCONBRIDGE TP/ LOT 7 CON 5	NORDUNA MINE	041110	70
FALCONBRIDGE TP/ LOT 8 CON 4	FALCONBRIDGE TP-LOT 8 CON 4	041110	690
FALCONBRIDGE TP/ LOT 9 CON 4	FALCONBRIDGE EAST MINE	041110	64
FALCONBRIDGE TP/LOTS 6-7/CON2-3	COPPER PRINCE	041110	309
FOSTER TP	ELIZABETH LAKE	041104	637
FOSTER TP	FOSTER TP-TUNGSTEN	041104	16
FOSTER TP	* ST LEONARD LAKE	041104	16
FOSTER TP/ LOT 10 CON 1	STRATTON LAKE	041104	643
FOSTER TP/ LOT 10 CON 5	BRAZIL LAKE COBALT	041105	645
FOSTER TP/ LOT 10 CON 5	* MAKI	041105	645
FOSTER TP/ LOT 12 CON 5 & 6	KARL	041104	638
FOY TP	FOY TP-FOY OFFSET EXTENSION	041114	710
FOY TP	NICKEL OFFSETS MINE	041114	89
FOY TP	* ROSS MINE	041114	89
FOY TP/ LOT 1 CON 3	WD 233	041111	701
FOY TP/ LOT 2 CON 3	WD 247	041111	703
FOY TP/ LOT 3 CON 3	WD 234	041114	713
FOY TP/ LOT 3 CON 3	WD 248	041111	704
FOY TP/ LOT 5 CON 3	NICKEL OFFSETS NO 2 SHAFT	041114	101
FOY TP/ LOT 6 CON 3	NICKEL OFFSETS NO 1 SHAFT	041114	99
FRALECK TP	BARRY-TOWERS	041115	714
FRALECK TP	FRALECK TOWNSHIP-1	041115	717
FRALECK TP	FRALECK TOWNSHIP-2	041115	718
FRESHETTE ISLAND/ LAKE HURON	* BUFFALO ANKERITE	041J01	745
FRESHETTE ISLAND/ LAKE HURON	FRESHETTE ISLAND	041J01	745
GAIASHK TP	BATTY LAKE	041J08	170
GAIASHK TP	EAST PECORS	041J08	172
GAIASHK TP	MCCOOL LAKE	041J08	174
GAIASHK TP	PEYTON	041J08	176
GAIASHK TP	* WHITEFISH LOCATION Y 352	041J08	176
GAIASHK TP	* WILSONS MINE	041J08	176
GAISHK TP	ISLAND S END OF WHISKEY LAKE	041J08	766
GALBRAITH TP	GALBRAITH TP - 1	041J12	795
GALBRAITH TP	GALBRAITH TP-2	041J12	847
GALBRAITH TP/ LOT 11-12 CON 3	HAVILAH MINE	041J05	728
GALBRAITH TP/ LOT 11-12 CON 3	* OPHIR	041J05	728
GALBRAITH TP/ LOT 7 CON 2	GALBRAITH TP-LOT 7 CON 2	041J05	484
GALBRAITH TP/ LOT 8 CON 2	GALBRAITH TP- LOT 8 CON 2	041J05	483
GALBRAITH TP/LOT 10-11 CON 4-5	WILMOT	041J05	140
GARDEN RIVER INDIAN RESERVE	TROTTER LAKE	041K09	393
GARSON TP/ LOT 4 CON 3	GARSON MINE	041110	65
GARSON TP/ LOT 8 CON 3	KIRKWOOD MINE	041110	66
GAUDETTE TP	CONSOLIDATED NEW PACIFIC	041K16	231
GAUDETTE TP	FITZPATRICK	041K16	232
GAUDETTE TP	GAUDETTE TP	041K16	404
GAUDETTE TP	GAUDETTE TP	041J13	405
GAUDETTE TP	GRATTON	041K16	406
GAUDETTE TP	JANOSE	041J13	233
GEROW TP	EL PEN-REY	041J08	173
GLADSTONE TP	PRINCIPLE STRATEGIC MINERALS	041J06	163
GLADSTONE TP/ LOT 1 CON 2	GLAGOMA MINE	041J06	163
GLADSTONE TP/ LOT 10 CON 4	GLADSTONE TP-LOT 10 CON 4	041J06	508
GLADSTONE TP/ LOT 11 CON 2	GLADSTONE TP-LOT 11 CON 2	041J06	510
GLADSTONE TP/ LOT 12 CON 3	GLADSTONE TP-LOT 12 CON 3	041J06	511
GLADSTONE TP/ LOT 12 CON 4	GLADSTONE TP-LOT 12 CON 4	041J06	491
GLADSTONE TP/ LOT 7 CON 1	GLADSTONE TP-LOT 7 CON 1	041J06	509
GOUGH TP	GOUGH TP	041J05	649
GOULD TP	CHUB LAKE	041J11	334
GOULD TP	GOULD TP	041J06	757
GOULD TP/ LOT 10 CON 6	LORD	041J11	198
GOULD TP/ LOT 10-11 CON 6	GOULD COPPER MINE	041J11	197
GOULD TP/ LOT 10-11 CON 6	* HUSTON LAKE	041J11	197
GOULD TP/ LOT 12 CON 3	GOULD TP- LOT 12 CON 3	041J06	513
GOULD TP/ LOT 12 CON 6	GOULD TP-LOT 12 CON 6	041J11	512
GOULD TP/ LOT 4 CON 5	COPPER RANGE	041J11	193
GOULD TP/ LOT 4 CON 5	* ROTHSAY MINES	041J11	193
GOULD TP/ LOT 5 CON 3	ROCKWIN	041J06	201
GOULD TP/ LOT 5 CON 5	ROTHSAY	041J11	782
GOULD TP/ LOT 7 CON 5	CHENEY MINE	041J11	191
GOULD TP/ LOT 8 CON 1	GRAND PORTAGE MINE	041J06	154
GRAHAM TP/ LOT 12 CON 3	GRAHAM TP-LOT 12 CON 3	041J06	442
GRAHAM TP/ LOT 12 CON 5	MCVITTIE-GRAHAM	041J06	49
GRAHAM TP/ LOT 12 CON 5	* WEST GRAHAM	041J06	49
GRAHAM TP/ LOT 4 CON 4	CENTURY	041J06	379
GRAHAM TP/ LOT 5-6 CON 3	GRAHAM TP- LOTS 5-6 CON 3	041J06	441
GRAHAM TP/ LOT 9-11 CON 3-4	GRAHAM TP- LOTS 9-11 CON 3-4	041J06	444
GRAHAM TP/ LOTS 6-8 CON 3	GRAHAM TP- LOTS 6-8 CON 3	041J06	443
GRASSETT TP/ LOT 10-11 CON 4	LITTLE PICKEREL LAKE	041J06	158
GRASSETT TP/ LOT 8 CON 1	KYNOCH	041J06	157
GREAT LA CLOCHE ISLAND	LEWIS LAKE	041J04	864
GUNTERMAN TP	GUNTERMAN TP	041J07	765
HALLAM TP/ LOT 3 CON 6	HALLAM TP-LOT 3 CON 6	041J05	650
HALLAM TP/ LOT 7 CON 2	HALLAM	041J04	17
HALLAM TP/ LOT 7 CON 3	KELLY	041J04	350
HANMER TP/ LOT 1-2/ CON 2	HANMER TOWNSHIP	041J10	451
HARROW TP/ LOT 6 CON 5	RICHER	041J01	742
HART TP	HART TOWNSHIP NO 2	041112	97
HART TP/ LOT 7-8 CON 5	HART TOWNSHIP NO 1	041112	96
HEMBRUFF TP	HEMBRUFF TP-1	041J10	836
HEMBRUFF TP	HEMBRUFF TP-2	041J10	837
HEMBRUFF TP	HEMBRUFF TP-3	041J10	838
HEMBRUFF TP	HEMBRUFF TP-4	041J10	839
HESS TP	STAG LAKE	041J10	186
HESS TP/ LOT 10-11 CON 1	EAMES	041114	460
	* BARDSWICH	041112	705

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
HESS TP/ LOT 10-11 CON 1	HESS LAKE MAGNETITE	041112	705
HESS TP/ LOT 2 CON 4	STERLING	041114	711
HESS TP/ LOT 7 CON 6	LAKE GENEVA MINE	041113	431
HODGINS TP/ LOT 2 CON 1	HODGINS TP-LOT 2 CON 1	041J12	527
HODGINS TP/ LOT 2 CON 4	HODGINS TP-LOT 2 CON 4	041J12	528
HODGINS TP/ LOT 7 CON 6	HODGINS TP-LOT 7 CON 6	041K16	808
HOTHAM ISLAND/ LAKE HURON	HOTHAM ISLAND	041J01	739
HUGHES TP	COOPER	041J13	530
HUTTON TP/ LOT 1 CON 3	WR 68	041115	721
HYMAN TP	KORDAL	041105	26
HYMAN TP	POND SHOWING NO 1	041105	361
HYMAN TP/ LOT 3 CON 1	KORDAL-NO 4 ZONE	041105	26D
HYMAN TP/ LOT 5 CON 2	KORDAL-NO 3 ZONE	041105	863
HYMAN TP/ LOT 6 CON 1	KORDAL-NO 1 ZONE	041105	861
HYMAN TP/ LOT 6 CON 1	KORDAL-NO 2 ZONE	041105	862
INDIAN RESERVE NO 6	LA VASE LAKE	041106	672
INDIAN RESERVE NO 6	LAKE PANACHE	041106	671
INDIAN RESERVE NO 6	LONG LAKE GOLD MINE	041106	673
JACKSON TP	CARIBOU CREEK	041J11	333
JACKSON TP	EAST CARIBOU LAKE-HARICO	041J11	335
JACKSON TP	EAST CARIBOU LAKE-SOUTH SHORE	041J11	336
JACKSON TP	RENNER NO 1	041J11	337
JACKSON TP	RENNER NO 2	041J11	779
JANES TP	JANES TOWNSHIP-KENNCO	041108	686
JANES TP	JANES TOWNSHIP-1	041108	684
JANES TP	JANES TOWNSHIP-2	041108	685
JANES TP	JANES TOWNSHIP-3	041108	691
JANES TP	KENNCO-KIRKLAND LAKE	041108	732
JANES TP	OSSINGTON	041108	448
JANES TP	TRILLER	041108	687
JANES TP/ LOT 12 CON 2	* DWYER LAKE	041108	446
JANES TP/ LOT 12 CON 2	LETSO	041108	446
JANES TP/ LOT 2 CON 6	DALE	041108	447
JANES TP/ LOT 4-5 CON 5	JANES TOWNSHIP-4	041108	57
JARVIS TP	* CASCADE MINE	041K09	221
JARVIS TP	DOYLE MINE	041K09	882
JARVIS TP	JARDUN MINE-NO 2 ZONE	041K09	221
JARVIS TP	JARDUN MINE-NO 4 ZONE	041K09	219
JARVIS TP	JARVISTON	041K09	803
JARVIS TP	PATTERSON	041K09	401
JARVIS TP SW 1/4	JARVIS TP	041K09	400
JARVIS TP SW 1/4	* RESERVE LAKE	041K09	400
JARVIS TP/ LOT 11 CON 6	* BELLEVUE	041K09	804
JARVIS TP/ LOT 11 CON 6	INDUMIN	041K09	804
JOAN TP	ANDOVER-1	041116	315
JOAN TP	ANDOVER-2	041116	854
JOAN TP	* NEW MINDA-SCOTIA	041116	854
JOAN TP	* NEW MINDA-SCOTIA	041116	315
JOHNSON TP	DESBARATS NO 5	041J05	879
JOHNSON TP/ LOT 0	* RAINBOW MINE	041J05	138
JOHNSON TP/ LOT 0	STOBIE MINE	041J05	138
JOHNSTON TP	DESBARATS NO 2	041J05	876
JOHNSTON TP/ LOT 7 CON 3	JOHNSTON TP-LOT 7 CON 3	041J05	386
JOHNSTON/PLUMMER ADDITIONAL TP	CAMPBELL-DUKES NO 1	041J05	124
JOLLINEAU TP	BUSSINEAU	041J13	215
JOUBIN TP	JOUBIN TP	041J08	775
JOUBIN TP	PECORS LAKE	041J08	175
JUILLETTE TP	JUILLETTE TP-1	041J06	761
JUILLETTE TP	JUILLETTE TP-2	041J06	762
KAMICHISITIT TP	ANDOVER MINING	041J06	338
KAMICHISITIT TP	COPPER PRINCE MINE	041J11	192
KAMICHISITIT TP	CROWNBRIDGE	041J06	194
KAMICHISITIT TP	* IRON BRIDGE/ CANNON	041J06	194
KAMICHISITIT TP	NORTH SUMMIT	041J11	185
KAMICHISITIT TP	PATHFINDER	041J11	189
KEHDE TP	AUSTIN	041J12	205
KEHDE TP	ECHO LAKE	041J12	848
KEHDE TP	ECHO LAKE	041K09	394
KEHDE TP	ECHO RIVER ROAD	041J12	787
KEHDE TP	GIMBY	041J12	209
KEHDE TP/ SEC 25/36	DOLAN	041J12	207
KELLY TP	KELLY TOWNSHIP	041115	719
KELLY TP	KELLY-K	041110	67
KELLY TP	* KUKAGAMI LAKE	041110	67
KINCAID & RYAN TPS	PANCAKE LAKE	041N02	254
KINCAID & RYAN TPS	* RICHARDS	041N02	254
KINCAID LOCATION	6A	041N02	821
KINCAID LOCATION	6D	041N02	817
KINCAID LOCATION	7B	041N02	822
KINCAID LOCATION 7 & 8	BASELINE D	041N02	239
KINCAID TP	HIGHWAY	041N02	244
KINCAID TP	MALACHITE CREEK	041N02	246
KINCAID TP	RAYTOMIC-1	041N02	253
KINCAID TP	RAYTOMIC-2	041N02	820
KINCAID TP	UPTON-DOUGHTY	041N02	256
KINCAID TP	WHITMELL	041N02	258
KINCAID TP	SA	041N02	816
KINCAID TP	7C	041N02	819
KINCAID TP & TP 29	RANKIN LOCATION	041N02	860
KIRKWOOD TP/ LOT 2 CON 6	ANTHONY	041J06	141
KIRKWOOD TP/ LOT 3-4 CON 6	JAYCO	041J06	130
KIRKWOOD TP/ LOT 3-4 CON 6	* MID-WATION	041J06	130
KITCHENER TP	COPENHAGEN	041114	709
LA CLOCHE PENINSULA	* BIRCH ISLAND	041104	865
LA CLOCHE PENINSULA	MOREDOLPHON WAREHOUSE&LANDING	041104	865
LAVERENDRYE TP	KRISTINA MINE	041K16	234
LAVERENDRYE TP	* SUPERCREST/ SUPERIOR COPPER	041K16	234
LECARDON TP	KIRKPATRICK LAKE-2	041J11	781
LEHMAN TP	CARIBOU LOCATION Y 401	041J08	519
LEHMAN TP	KINDLE LAKE	041J08	520
LEHMAN TP	REYNOLDS LOCATION NO 2	041J08	770
LEHMAN TP	REYNOLDS LOCATION WR 92	041J08	177

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
LEVACK TP	FECUNIS MINE	041111	77
LEVACK TP/ LOT 10 CON 2	NORTH MINE	041111	89
LEVACK TP/ LOT 2 CON 4	BIG LEVACK MINE	041111	73
LEVACK TP/ LOT 3 CON 4	COLEMAN MINE	041111	75
LEVACK TP/ LOT 3 CON 4	LONGVACK MINE	041111	84
LEVACK TP/ LOT 3 CON 4	LONGVACK SOUTH MINE	041111	85
LEVACK TP/ LOT 4 CON 4	STRATHCONA MINE	041111	92
LEVACK TP/ LOT 7 CON 2	LEVACK MINE	041111	81
LEVACK TP/ LOT 8 CON 1	ONAPING MINE	041111	91
LEVACK TP/ LOT 8-9 CON 1	BOUNDARY MINE	041111	74
LEVACK TP/ LOT 9 CON 1	HARDY MINE	041111	79
LEVACK TP/ LOT 9 CON 1	LEVACK WEST MINE	041111	82
LEVACK TP/ LOT 9 CON 1	* MCCREEDY WEST MINE	041111	82
LEWIS TP	HOPE LAKE	041J07	516
LONG TP/ LOT 3 CON 1	LONG TP	041J02	748
LORNE TP/ LOT 1 CON 6	TAMMINEN	041I06	677
LORNE TP/ LOT 10 CON 2	* ELLA LAKE	041I05	23
LORNE TP/ LOT 10 CON 2	FENSOM	041I05	23
LORNE TP/ LOT 12 CON 1	LORNE TP-LOT 12 CON 1	041I05	651
LORNE TP/ LOT 5 CON 5	TURPEINEN	041I06	678
LORNE TP/ LOT 6 CON 4	LORNE TP-LOT 6 CON 4	041I06	674
LORNE TP/ LOT 8 CON 4	LORNE TP-LOT 8 CON 4	041I05	357
LORNE TP/ LOT 9 CON 6	PROUX	041I05	654
LOUISE TP/ LOT 8 CON 2	LOUISE TP-LOT 8 CON 2	041I06	675
MACK TP	ACCRA	041J07	167
MACK TP	EMERALD LAKE	041J07	168
MACKELCAN TP	WOLF LAKE	041I05	720
MACLENNAN TP/ LOT 10 CON 4	VICTOR MINE	041I10	59
MACLENNAN TP/ LOT 11 CON 4	NICKEL RIM MINE	041I10	302
MACLENNAN TP/ LOT 4 CON 5	SHEPPARD MINE	041I10	694
MACLENNAN TP/ LOT 5 CON 3	SKEAD GOLD MINE	041I10	695
MACLENNAN TP/ LOT 8 CON 2	MACLENNAN MINE	041I10	69
MAY TP	MCKEE	041I05	824
MAY TP-LOT 6 CON 2	MAY TP-LOT 6 CON 2	041J01	738
MAY TP-LOT 9 CON 5	MAY TP-LOT 9 CON 5	041J08	768
MAY TP/ LOT 1 (N HALF) CON 6	BISHOP/ FARMER	041I05	374
MAY TP/ LOT 1 (N HALF) CON 6	* MCKEE	041I05	374
MAY TP/ LOT 1 (S HALF) CON 6	MAY TP-LOT 1 (S HALF) CON 6	041I05	652
MAY TP/ LOT 10 CON 5	GRANT	041J08	531
MAY TP/ LOT 10 CON 5	* VANCE	041J08	531
MAY TP/ LOT 11 CON 6	MAY TP-LOT 11 CON 6	041J08	774
MAY TP/ LOT 3 CON 6	SCOTT	041I05	376
MAY TP/ LOT 4 CON 6	ALEXANDER	041I05	324
MAY TP/ LOT 5 CON 6	MCCAULEY	041I05	373
MAY TP/ LOT 7 CON 5	MAY TP-LOT 7 CON 5	041J08	772
MAY TP/ LOT 7-8 CON 2-3	HEFFLER SOUTH	041J01	744
MAY TP/ LOT 8 CON 3	HEFFLER NORTH	041J01	743
MAY TP/ LOT 8 CON 5	AGGRESSIVE MINING	041J08	767
MAY TP/ LOT 9 CON 5/6	WHITSON LAKE	041J08	773
MCCARTHY TP	SIROLA	041I16	110
MCDONNELL LOCATION	MCDONNELL LOCATION	041N02	428
MCDONNELL LOCATION	TROUT LAKE	041N02	815
MCDONNELL LOCATION	L ZONE	041N02	422
MCDONNELL LOCATION	LUTZ VEIN	041N02	421
MCDONNELL LOCATION	MAMAINSE MINE	041N02	247
MCKIM TP	* CANADIAN COPPER NO 2 MINE	041I06	39
MCKIM TP	COPPER CLIFF NO 2 MINE	041I06	39
MCKIM TP/ LOT 11 CON 6	MCKIM MINE	041I11	86
MCKIM TP/ LOT 12 CON 2	COPPER CLIFF MINE	041I06	37
MCKIM TP/ LOT 12 CON 3	COPPER CLIFF NORTH MINE	041I06	40
MCKIM TP/ LOT 12 CON 5	MURRAY MINE	041I11	88
MCKIM TP/ LOT 6 CON 2	RAMSEY LAKE	041I06	380
MCKIM TP/ LOT 6-7 CON 6	FROOD MINE	041I11	78
MCKINNON TP	* BOB TOUGH	041I04	240
MCKINNON TP	EVANGELINE LAKE/ MOOSE LAKE	041I04	240
MCMAHON TP	CENTER ISLAND	041J12	790
MCMAHON TP	CHIPMAN LAKE	041J12	784
MCMAHON TP	HUGLI LAKE	041J12	783
MCMAHON TP	LAMONTHE LAKE EAST	041J12	789
MCMAHON TP	LAMONTHE LAKE NORTH	041J12	792
MCMAHON TP	MCMAHON LAKE	041J12	787
MCMAHON TP	PATTON LAKE EAST	041J12	210
MCMAHON TP	STUART LAKE	041J12	785
MCMAHON TP/ LOT 1 CON 3	ROMAR	041J12	213
MCMAHON TP/ LOT 6 CON 2	MCMAHON TP-LOT 6 CON 2	041J12	849
MCMAHON TP/ LOT 7 CON 1	PATTON LAKE WEST	041J12	791
MCNISH TP	MCNISH TP	041I16	726
MCNISH TP	MCNISH-NO 13 & 14 & 14B SHOWINGS	041I16	857
MCNISH TP	MCNISH-NO 5 & 6 SHOWINGS	041I16	855
MCNISH TP	MCNISH-NO 8 SHOWING	041I16	856
MCNISH TP	* OZHWAY	041I16	855
MCNISH TP	* OZHWAY	041I16	857
MCNISH TP	* OZHWAY	041I16	856
MERRITT TP/ LOT 1 CON 2	LACELLE	041I04	640
MERRITT TP/ LOT 11 CON 1	APSEY LAKE	041I04	636
MERRITT TP/ LOT 4 CON 3	ROCHE	041I04	642
MONCRIEFF TP/ LOT 12 CON 6	MARION LAKE	041I13	468
MONGOWIN TP	* MONGOWIN	041I04	18
MONGOWIN TP	DWENS	041I04	18
MONGOWIN TP	WALLACE MINE	041I04	19
MONGOWIN TP/ LOT 11 CON 3	* HOUSE LAKE	041I04	352
MONGOWIN TP/ LOT 11 CON 3	MCMILLAN MINE	041I04	352
MONGOWIN TP/ LOTS 5 & 6 CON 4	FOX LAKE	041I04	638
MONGOWIN TP/ LOTS 8 & 9 CON 3	MAJESTIC MINE	041I04	635
MONTGOMERY TP	BOYEA LAKE-ADIT AREA	041J06	127
MONTGOMERY TP	BOYEA LAKE-EAST ZONE	041J06	126
MONTGOMERY TP	COB DEN RIVER	041J06	149
MONTGOMERY TP	* DESTORADA NO 1/ IRON BRIDGE	041J06	890
MONTGOMERY TP	* DESTORADA NO 2/ IRON BRIDGE	041J06	880
MONTGOMERY TP	* DESTORADA NO 3/ IRON BRIDGE	041J06	881
MONTGOMERY TP	* DESTORADA/ IRON BRIDGE	041J06	323
MONTGOMERY TP	* EAST ADIT & WEST ADIT AREAS	041J06	127



TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
MONTGOMERY TP	MONTGOMERY TP-1	041J06	506
MONTGOMERY TP	MONTGOMERY TP-2	041J06	505
MONTGOMERY TP	MONTGOMERY TP-3	041J06	504
MONTGOMERY TP	MONTGOMERY TP-4	041J06	759
MONTGOMERY TP	MONTGOMERY TP-5	041J06	760
MONTGOMERY TP	NORTH MONTGOMERY	041J06	323
MONTGOMERY TP	NORTH MONTGOMERY NO 1	041J06	830
MONTGOMERY TP	NORTH MONTGOMERY NO 2	041J06	881
MONTGOMERY TP	NORTH MONTGOMERY NO 3	041J06	495
MONTGOMERY TP	PEAKE LAKE	041J06	494
MONTGOMERY TP/ LOT 7-8 CON 5-6	HARBINSON	041J12	793
MORIN TP	MORIN TP	041J12	788
MORIN TP	THESSALON RIVER	041J12	786
MORIN TP	WOOD CREEK	041J12	206
MORIN TP/ LOT 3-6 CON 4	COPPER QUEEN	041J12	212
MORIN TP/ LOT 9 CON 2	RISING SUN	041J12	25
NAIRN AND HYMAN TPS	* GAUTHIER	041J05	25
NAIRN AND HYMAN TPS	KEBA	041J05	25
NAIRN TP/ LOT 1 CON 4	NAIRN TP-LOT 1 CON 4	041J05	653
NAIRN TP/ LOT 3 CON 2	RASTALL-ALLENAN (NO 2)	041J05	656
NAIRN TP/ LOT 3 CON 3	RASTALL-ALLENAN (NO 1)	041J05	655
NAIRN TP/ LOT 8 & 9 CON 5	NAIRN TP- LOT 8-9 CON 5	041J05	360
NAIRN TP/ LOT 8 CON 2	TENHO LAKE	041J05	32
NAIRN TP/ LOT 9 CON 1	* MOGUL	041J05	28
NAIRN TP/ LOT 9 CON 1	PETERSON	041J05	28
NAIRN TP/ LOT 9 CON 2	NAIRN TP-LOT 9 CON 2	041J05	353
NEELEN TP/ LOT 2 CON 4	NEELEN TP- LOT 2 CON 4	041J07	445
NEELON TP/ LOT 12 CON 3	MCCORMICKS MINE	041J10	681
NICHOLAS & ALBANEL TPS	COPPER GULCH	041J10	182
NICHOLAS & ALBANEL TPS	* STANFORD	041J10	182
NICHOLAS TP	BRUCE-PRESTO	041J10	180
NICHOLAS TP	* DOYON	041J10	183
NICHOLAS TP	EZMA LAKE	041J10	183
NICHOLAS TP	NICHOLAS TP	041J10	522
NICHOLAS TP	NICHOLAS TP-1	041J10	840
NICOLET TP	NEW SENATOR EAST	041N02	250
NICOLET TP	TRIBAG	041N02	420
NICOLET TP	TRIBAG MINE-BRETON BRECCIA	041N02	423
NICOLET TP	TRIBAG-EAST BRECCIA ZONE	041N01	426
NICOLET TP	TRIBAG-SOUTH BRECCIA	041N02	425
NORBERG TP	ALCOURT	041N01	236
NORBERG TP	BATCHAWANA RIVER	041N01	809
NORBERG TP	DICK LAKE	041N01	414
NORMAN TP/ LOT 6 CON 4-5	WHISTLE	041I15	102
NORMAN TP/ LOT 9-10 CON 4	NEW DOMINION	041I15	461
NOUVEL TP	* ABBICAN	041J06	188
NOUVEL TP	MILGATE	041J06	188
NOUVEL TP	NOUVEL TP	041J06	758
NOUVEL TP	RIDGEFIELD	041J06	200
NOUVEL TP	SHEBA	041J06	202
OLSEN TP	ADELAIDE LAKE	041N01	413
OLSEN TP	MCCOVERN & MCCOLLOUGH LAKES	041N01	238
OLSEN TP	* MOOSE LAKE	041N01	412
OLSEN TP	OLSEN TP	041N01	415
OLSEN TP	QUINTET LAKE	041N01	412
OTTER TP	BURDEN LAKE-1	041J11	388
OTTER TP	BURDEN LAKE-2	041J11	859
OTTER TP	DESAYEUX LAKE	041J12	794
OTTER TP	FANO	041J12	208
OTTER TP	OTTER TP	041J12	529
OTTER TP/ LOT 1 CON 3	REUBEN MCKEE	041J11	387
PALMER TP	CONSOLIDATED MARBENOR	041N02	255
PALMER TP	GIMBY LAKE	041N02	241
PALMER TP	GLENROCK	041N02	814
PALMER TP	PALMER BRECCIA ZONE	041N02	251
PANCAKE POINT LOCATION	COPPERMINE POINT	041K15	225
PARKIN TP/ LOT 12 CON 3-4	MOWAT LAKE	041I15	464
PARKIN TP/ LOT 12 CON 3-4	* RIVERS/ FAB	041I15	464
PARKIN TP/ LOT 4-6 CON 2-3	DECADE	041I15	716
PARKIN TP/ LOT 5 CON 2	MILNET MINE	041I15	870
PARKIN TP/ LOT 6-7 CON 1	NORTHBRIDGE	041I15	463
PARKINSON TP/ LOT 11 CON 3	CLELAND LAKE	041J06	148
PARKINSON TP/ LOT 11 CON 3	HY-TOWER MINE	041J06	159
PATTON TP	* LITTLE WHITE RIVER	041J06	159
PATTON TP	PATTON TP- LOT 6-7 CON 4	041J06	498
PATTON TP/ LOT 11 CON 6	PATTON TP-SEC 28 NW 1/4	041J06	507
PATTON TP/ LOT 3 CON 10	PATTON TP-LOT 11 CON 6	041J06	497
PATTON TP/ LOT 6 CON 3	BILTON NO 2 VEIN	041J06	753
PATTON TP/ LOT 8 CON 3	PATTON TP-LOT 6 CON 3	041J06	756
PATTON TP/ SEC 27	MARTIN	041J06	160
PATTON TP/ SEC 27-28	JURY MINE	041J06	155
PATTON TP/ SEC 28 SE 1/4	BILTON OPTION	041J06	145
PATTON TP/ SEC 29 N 1/2	PATTON TP-SEC 28 SE 1/4	041J06	501
PATTON TP/ SEC 35-36	BROWN	041J06	503
PATTON TP/ SEC 36 NE 1/4	BRADY	041J06	146
PATTON TP/ SEC 36 SE 1/4	KENNEDY	041J06	156
PATTON TP/ SEC 36 SE 1/4	PATTON TP- SEC 36 SE 1/4	041J06	763
PHYLLIS & SCHOLES TPS	PATTON TP-SEC 36	041J06	764
PHYLLIS & SCHOLES TPS	* COPPERFIELDS MINING CORP	041I16	737
PHYLLIS TP	SKUNK LAKE	041I16	737
PHYLLIS TP	GULL LAKE	041I16	725
PHYLLIS TP	INTERNATIONAL COBALT & SILVER	041I16	736
PHYLLIS TP	ISLAND 725/ ABEX	041I16	314
PHYLLIS TP	TEMAGAMI	041I16	111
PHYLLIS TP	TEMAGAMI CU-NI-CO ZONES	041I16	111B
PLUMMER ADDITIONAL TOWNSHIP	BRUCE MINES	041J05	123
PLUMMER ADDITIONAL TP	BRUCE MINES	041J05	121
PLUMMER ADDITIONAL TP	BALD DOME	041J05	122
PLUMMER ADDITIONAL TP	BONDARENKO	041J05	871
PLUMMER ADDITIONAL TP	BRUCE MINES-BRUCE SECTION	041J05	872
PLUMMER ADDITIONAL TP	BRUCE MINES-COPPER BAY SECTION	041J05	874
PLUMMER ADDITIONAL TP	BRUCE MINES-TAYLOR SECTION	041J05	874
PLUMMER ADDITIONAL TP	BRUCE MINES-WELLINGTON SECTION	041J05	873

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFIL NO
PLUMMER ADDITIONAL TP	CAMPBELL-DUKES NO 2	041J05	125
PLUMMER ADDITIONAL TP	CENTRE LINE	041J05	303
PLUMMER ADDITIONAL TP	LITTLE BALD DOME	041J05	132
PLUMMER ADDITIONAL TP	NORTH	041J05	134
PLUMMER ADDITIONAL TP	NORTH STEINBERG	041J05	135
PLUMMER ADDITIONAL TP	STEINBERG	041J05	137
PLUMMER ADDITIONAL TP	500 LODGE	041J05	133
PLUMMER TP/ LOT 12 CON 2	PLUMMER TP - LOT 12 CON 2	041J05	488
PORTER TP	CRAZY CREEK	041I05	359
PORTER TP/ CONC 1 & 2/ L 8-12	HANOVER EXPLORATIONS LTD	041I05	366
PORTER TP/ CONC 1 & 2/ L 8-12	* SUTHERLAND CREEK	041I05	366
PORTER TP/ LOT 1-2 CON 1	DURET AND MACPHERSON	041I05	372
PORTER TP/ LOT 9 & 10 CON 4	SPRINGER-PORTER TP	041I05	30
PORTER TP/ LOTS 7 & 8 CON 4	TURPEINEN	041I05	34
POULIN TP	POULIN TP-1	041J10	841
POULIN TP	POULIN TP-2	041J10	842
POULIN TP	POULIN TP-3	041J10	843
POULIN TP	POULIN TP-4	041J10	844
PROCTOR TP	PROCTOR TP	041J07	518
RAIMBAULT TP	FULLERTON LAKE	041J10	835
RANKIN LOCATION	HATHAWAY	041N02	243
RANKIN LOCATION	POINTE AUX MINES	041N02	818
RANKIN LOCATION	RANKIN	041K08	382
RATHBUN TP	BURTON	041I15	98
RATHBUN TP	* RATHBUN LAKE	041I15	98
RATHBUN TP/ LOTS 5-7 CON 3-4	CRYSTAL/ COMSTOCK/ GORDON	041I15	715
RIOUX TP	MCCLASKY NO 1	041J14	218
RIOUX TP	MCCLASKY NO 2	041J14	798
RIOUX TP	MCCLASKY NO 3	041J14	799
ROSE TP/ SEC 11	KING EDWARD	041J05	485
ROSE TP/ SEC 24 WEST HALF	CANADA VERDE	041J05	858
ROSE TP/ SEC 6/ S 1/2	ALGOMONT	041J05	120
ROSE TP/ SEC 6/ S 1/2	* ASSAM	041J05	120
RUNNING TP	RUNNING TP	041N01	812
RYAN TP	* BJORNAS-DALE	041N02	245
RYAN TP	COPPERCORP MINE	041N02	240
RYAN TP	COPPERCORP MINE-C ZONE	041N02	889
RYAN TP	COPPERCORP MINE-C-2 ZONE	041N02	885
RYAN TP	COPPERCORP MINE-SB ZONE	041N02	886
RYAN TP	COPPERCORP-SILVER CK NORTH	041N02	888
RYAN TP	COPPERCORP-SILVER CK SOUTH	041N02	887
RYAN TP	DENISON	041K15	226
RYAN TP	GIMLET LAKE	041N02	242
RYAN TP	* GUI-POR	041N02	242
RYAN TP	JOBMAN	041N02	245
RYAN TP	MCKINNEY	041N02	249
RYAN TP	PALL-MALL	041K15	227
RYAN TP	PHELPS	041N02	252
RYAN TP	RANSON	041N02	429
RYAN TP	RYAN TP	041N02	416
RYAN TP	* SILVER CREEK NORTH ZONE	041N02	888
RYAN TP	* SILVER CREEK SOUTH ZONE	041N02	887
RYAN TP	WEST CREEK	041N02	257
RYAN TP (NE 1/4)	RYAN TP (NE 1/4)	041N02	417
SAGARD TP	BI-ORE MINE	041J10	179
SAGARD TP	BYE	041J10	829
SAGARD TP	* COBRE LAKE	041J10	179
SAGARD TP	HARVARD	041J10	184
SAGARD TP	SEGARD TP	041J10	845
SALTER TP/ SEC 11	LASCALLE	041J08	769
SALTER TP/ SEC 13 & 14	* GUTCHER	041J01	473
SALTER TP/ SEC 13 & 14	SALMAY LAKE	041J01	473
SALTER TP/ SEC 15	BISHOP	041J01	741
SALTER TP/ SEC 15	MASSEY MINE MAIN SHAFT	041J01	891
SALTER TP/ SEC 15 & 16	MASSEY MINE	041J01	114
SALTER TP/ SEC 16	MASSEY MINE NO 4 SHAFT	041J01	893
SALTER TP/ SEC 16	MASSEY MINE WEST	041J01	892
SALTER TP/ SEC 16	* NO 3 SHAFT	041J01	892
SALTER TP/ SEC 17	SALTER TOWNSHIP	041J01	469
SALTER TP/ SEC 31	BLACK CREEK	041J01	740
SALTER TP/ SEC 36	CLEAR LAKE	041J01	470
SALTER TP/ SEC 36	* STEINKE	041J01	470
SALTER TP/ SEC 7/ 17/ 18	HERMINA MINE	041J01	113
SAYER TP	KIRKPATRICK LAKE-1	041J11	780
SAYER TP	WINSTON	041J11	204
SCADDING TP/ LOT 5-6 CON 2-3	SUDDRE	041I10	696
SCADDING TP/ LOT 5-6 CON 2-3	* WANAPITEI BASIN	041I10	696
SCADDING TP/ LOT 7 CON 6	ALWYN PORCUPINE	041I10	60
SCADDING TP/ LOT 7 CON 6	* BURDA	041I10	60
SCARFE TP	CHIBLOW	041J06	147
SCARFE TP	PLUMP LAKE	041J06	162
SCHOLES TP	EAGLEROCK LAKE	041I16	108
SCHOLES TP	GEO-SCIENTIFIC PROSPECTORS	041I16	724
SCHOLES TP	* GRAINGER-MILLETTE	041I16	727
SCHOLES TP	MINING GEOPHYSICS	041I16	107
SCHOLES TP	TAYLOR-CASWELL NO 1	041I16	727
SHAKESPEARE TP/ LOT 2 CON 3	HARMER	041I05	371
SHAKESPEARE TP/ LOT 2 CON 5	NORANDA SHAKESPEARE	041I05	27
SHAKESPEARE TP/ LOT 3 CON 2	WHITE	041I05	650
SHAKESPEARE TP/ LOT 4-5 CON 4	SHAKESPEARE TP- LOT 4-5 CON 4	041I05	657
SHAKESPEARE TP/ LOT 5 CON 1 &	SHAKESPEARE MINE	041I05	365
SHAKESPEARE TP/ LOT 5 CON 1 &	* VERMONT MINES LTD	041I05	365
SHAKESPEARE TP/ LOT 7 CON 3	SHAKESPEARE TP- LOT 7 CON 3	041I05	658
SHAKESPEARE TP/ LOT 1 & 2 CON 5	FALCONBRIDGE SHAKESPEARE	041I05	22
SHAKESPEARE TP/ LOT 1 & 2 CON 5	* SUDBURY SHAKESPEARE	041I05	22
SHEDDEN TP	BLACK LAKE	041J01	112
SHEDDEN TP	SHEDDEN TP	041J08	521
SHEDDEN TP/ SEC 28	SHEDDEN TP- SEC 28	041J01	827
SHIELDS TP	ACHIGAN CREEK	041K16	228
SHIELDS TP	SHIELDS TP	041K16	408
SHIELDS TP/ TUPPER TP	WOLFE LAKE	041K16	235
SLATER TP	MARICONA	041N02	248

TOWNSHIP	NAME OF DEPOSIT OR OCCURRENCE	NTS AREA	CUFILE NO
SNIDER TP/ LOT 1 CON 1	COPPER CLIFF SOUTH MINE	041106	41
SNIDER TP/ LOT 1 CON 1	* CREAM MINE	041106	45
SNIDER TP/ LOT 1 CON 1	EVANS MINE	041106	45
SNIDER TP/ LOT 1 CON 2	COPPER CLIFF NO 1 MINE	041106	38
SNIDER TP/ LOT 1 CON 3	CLARABELLE MINE	041106	36
SNIDER TP/ LOT 1 CON 4-5	ELSIE MINE	041111	733
SNIDER TP/ LOT 10 CON 1	CREIGHTON MINE	041106	43
SNIDER TP/ LOT 6 CON 3	TAM D SHANTER	041106	52
SNIDER TP/ LOT 8 CON 2	* MCCHARLES MINE	041106	50
SNIDER TP/ LOT 8 CON 2	NORTH STAR MINE	041106	50
SPRAGGE TP	PATER MINE	041J02	115
SPRAGGE TP/ SEC 25	SPRAGGE TP	041J02	747
STREET TP/ LOT 9-10 CON 3	MCVITTIE	041110	452
STRIKER TP/ LOC 12 CON 1	STRIKER TP-LOT 12 CON 1	041J02	479
STRIKER TP/ LOT 2 CON 2	STRIKER TP - LOT 2 CON 2	041J02	480
TARBUTT ADDITIONAL TP	DESBARATS NO 4	041J05	878
TARBUTT TP	DESBARATS NO 1	041J05	875
TARBUTT TP	DESBARATS NO 3	041J05	877
TARBUTT TP	* MCFARLEN	041J05	875
TARBUTT TP/ LOT 1 CON 3	ADIT	041J05	119
TARBUTT TP/ LOT 2 CON 3	TARBUTT TP-LOT 2 CON 3	041J05	486
TARBUTT TP/ LOT 4 CON 2	TARBUTT TP-LOT 4 CON 2	041J05	487
THOMPSON TP	BAR-FIN MINE	041J03	117
THOMPSON TP	THOMPSON TP	041J06	502
THOMPSON TP/ SEC 1/ NW 1/4	KNOB LAUCH	041J06	118
TILLEY TP/ SEC 25	BEGLEY	041K16	229
TIMMERMAN & JOGUES TPS	COFFEE LAKE	041J07	515
TOWNSHIP 137	CAMPBELL ISLAND	041J08	729
TOWNSHIP 168	CANNON	041J06	190
TOWNSHIP 28 RANGE 13	TRIBAG MINE-WEST BRECCIA	041N02	424
TRILL & DRURY TPS	SULTANA	041I05	31
TRILL TP	ROSS AND CAMERON LAKES	041I06	384
TRILL TP	SUDBURY ELBOW	041111	455
TRILL TP	* SUDBURY LODGE MINES	041I06	384
TRILL TP/ LOT 10 CON 2	TRILL TP-LOT 10 CON 2	041I05	658
TRILL TP/ LOTS 10 & 11 CON 3	* GILLESPIE	041I05	33
TRILL TP/ LOTS 10 & 11 CON 3	GRILLABELLE	041I05	33
TRONSON TP	TRONSON TP-2	041N01	811
TRONSON TP	TRONSON TP-3	041N01	813
TRONSON TP/ SW CORNER	TRONSON TP-1	041N01	810
TRUMAN TP	STONY BAY	041I06	51
TUPPER TP/ SEC 1	ROBERTSON	041K16	402
TUPPER TP/ SEC 4	BONE LAKE SOUTH	041K16	230
TUPPER TP/ SEC 4	* ONTARIO RARE METALS-1	041K16	230
TYRONE TP	TYRONE	041I14	284
ULSTER TP	STRAIGHT LAKE	041I13	708
ULSTER TP	* TURJA	041I13	708
VANKOUGHNET TP	PRACE MINE	041K16	807
VANKOUGHNET TP	VANKOUGHNET TP	041K09	410
VANKOUGHNET TP/ SEC 1	* ROBERTSON LAKE(NE OF)	041K16	409
VANKOUGHNET TP/ SEC 1	VANKOUGHNET TP	041K16	409
VANKOUGHNET TP/ SEC 14	* DOUGHTY	041K16	320
VANKOUGHNET TP/ SEC 14	GOUAIS RIVER	041K16	320
VEIL TP	RAWHIDE LAKE	041J10	834
VICTORIA TP/ SEC 14	* BUDGE	041J01	471
VICTORIA TP/ SEC 14	SUGAR LAKE	041J01	471
VICTORIA TP/ SEC 15	WALFORD	041J01	474
VICTORIA TP/ SEC 17	VICTORIA TP-SEC 17	041J01	475
VICTORIA TP/ SEC 19 SE 1/4	DENVIC LAKE	041J01	430
VICTORIA TP/ SEC 21	VICTORIA TP- SEC 21	041J01	476
VICTORIA TP/ SEC 26	WALFORD STATION	041J01	472
VICTORIA TP/ SEC 36	VICTORIA TP-SEC 36	041J01	477
VIEL TP	TECK	041J10	325
VOGT TP	* AUBAY	041I16	103
VOGT TP	AUSTIN BAY	041I16	467
VOGT TP	ISLAND NO 364	041I16	103
VOGT TP	SAVILLE	041I16	468
VOGT TP	* TOMBILL-GUNNEX	041I16	468
WATERS TP/ LOT 7 CON 6	MEAT BIRD LAKE	041I06	378
WELLS TP/ LOT 1 CON 3	WELLS TP	041J06	755
WELLS TP/ LOT 12 CON 5	EAST PAYNTER	041J06	152
WELLS TP/ LOT 12 CON 5	WHARNCLIFFE	041J06	166
WISHART TP	CAPUTO-JUST	041N01	237
WISHART TP	* TILLEY LAKES/ THOMPSON	041N01	237
WISNER TP/ LOT 10 CON 2	NORTH RANGE MINE	041111	90
WISNER TP/ LOT 9 CON 3	WD 16	041114	734