5 DEEJAY

7 CITATION

THOMAS TILLMAN

17 FAN-TAN

23 GREEN VALLEY

25 ORCHAY

30 LAUREL

31 TRUMP

32 LODGE

SPUR

6 OLGIE DRILLED PROSPECT

MINERAL PROSPECTS (FROM YUKON MINFILE²)

UNKNOWN

CUAG QUARTZ VEINS

VOLCANOGENIC MASSIVE SULPHIDE

UNKNOWN

CU SKARN

EPITHERMAL AU-AG: LOW SULPHIDATION

SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

PB-ZN SKARN

UNKNOWN EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN GABBROID CU-NI-PGE

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

POLYMETALLIC VEINS AG-PB-ZNAU

POLYMETALLIC VEINS AG-PB-ZNAU

DRILLED PROSPECT | SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) | Pb, Ag, Zn/Cu/-

POLYMETALLIC VEINS AG-PB-ZNAU

POLYMETALLIC VEINS AG-PB-ZNAU

UNKNOWN

unknown

PLUTONIC RELATED AU

UNKNOWN

UNKNOWN

SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

UNKNOWN

CUAG QUARTZ VEINS

PLUTONIC RELATED AU

UNKNOWN

UNKNOWN

PB-ZN SKARN

POLYMETALLIC VEINS AG-PB-ZN + -AU

PLUTONIC RELATED AU

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

POLYMETALLIC MANTO AG-PB-ZN

VOLCANOGENIC MASSIVE SULPHIDE

EPITHERMAL AU-AG: LOW SULPHIDATION

POLYMETALLIC VEINS AG-PB-ZNAU

EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

UNKNOWN

UNKNOWN UNKNOWN

VOLCANOGENIC MASSIVE SULPHIDE

UNKNOWN

UNKNOWN

UNKNOWN

EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

PLUTONIC RELATED AU

UNKNOWN

SEDIMENT-HOSTED BARITE

W SKARN

CUAG QUARTZ VEINS

UNKNOWN

UNKNOWN

EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

104 DEV DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Pb, Zn/Ag/-

² Deklerk, R. and Traynor, S. (compilers), 2005. Yukon MINFILE 2005 - A database of mineral occurrences. Yukon Geological Survey, CD-ROM.

105 SIR JOHN A. DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Zn/Pb/-

POLYMETALLIC VEINS AG-PB-ZN + -AU Zn, Pb, Ag/Cu/-

SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

Ag, Pb, Zn/Au/-

SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Pb, Zn/Au/As, Bi

POLYMETALLIC VEINS AG-PB-ZN + -AU Ag, Pb, Sb/Zn, Sn, Au/-

OPEN PIT PAST PRODUCER SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Pb, Zn/Ag/Au

SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

EDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

Ag, Zn, Pb/Au, Cu/-

DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Zn, Ag, Pb/Cu/-

POLYMETALLIC VEINS AG-PB-ZNAU

EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

POLYMETALLIC VEINS AG-PB-ZN + -AU

(EOR) (300 m). A starved sequence of shale, chert and siltstone (OSR) (450 m) with local volcanics (RT), Selwyn Basin (SB), Kechika Trough (KT), Indian (CR), McSevyn Platform (MV), McSevy Devonian time. Regional sub-Upper Cambrian
(COR) and other local unconformities suggest

(COR) and other local unconformities suggest intermittent extension and syn-depositional faulting In the Silurian and Devonian the basin was flanked o

the southwest by shallow water carbonate and clastics of McEvoy Platform (SDc, Ssp) (300+ m). Large stratiform zinc-lead deposits are known in strata of Early Cambrian (Faro) and Early Silurian (Howards Pass, to east of area) age. In the Late Devonian, turbiditic quartz-chert sandstone, and chert pebble conglomerate were deposited in submarine fan complexes as shale deposition transgressed far northeastward onto the ancestral margin (DME, MC, DMP, DP). The coarse clastics, 1200(?) m in aggregate thickness, were derived from elevated fault blocks of Selwyn Basin strata to the north and west, including latest Proterozoic gritty quartzose clastic rocks and Ordovician-Silurian chert. An extensional or transtensional event is indicated by an absence of compressional deformation, local felsic volcanism (Mv), and

UNKNOWN

DRILLED PROSPECT

ANOMALY

UNKNOWN

PROSPECT

DEPOSIT

DRILLED PROSPECT

DRILLED PROSPECT

ANOMALY

PROSPECT

UNKNOWN

UNKNOWN UNKNOWN

UNKNOWN

ANOMALY

UNKNOWN

UNKNOWN

SHOWING

SHOWING

DRILLED PROSPECT

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

UNKNOWN

ANOMALY

UNKNOWN DRILLED PROSPECT

DRILLED PROSPECT

DRILLED PROSPECT

DEPOSIT

SHOWING

UNKNOWN

PROSPECT

DRILLED PROSPECT

UNKNOWN

DRILLED PROSPECT

DRILLED PROSPECT

UNKNOWN

UNKNOWN

UNKNOWN

ANOMALY

DRILLED PROSPECT

DRILLED PROSPECT

ANOMALY

DRILLED PROSPECT

DRILLED PROSPECT

ANOMALY

DRILLED PROSPECT

SHOWING

ANOMALY

UNKNOWN

UNKNOWN

DRILLED PROSPECT

PROSPECT

UNKNOWN

ANOMALY

SHOWING

SHOWING

(updated March, 2008 from Yukon Minfile online at http://www.geology.gov.yk.ca)

For full MINFILE number, add prefix "105K", "105K0", or "105K00" as appropriate, e.g. MINFILE 15 = "105K015"

UNKNOWN

DRILLED PROSPECT

DRILLED PROSPECT

DRILLED PROSPECT

UNKNOWN

SOCK DRILLED PROSPECT

35 TEL DRILLED PROSPECT

40 NASTY DRILLED PROSPECT

49 ST. LUCIE DRILLED PROSPECT

50 O'CONNOR DRILLED PROSPECT 51 ACTION DRILLED PROSPECT

62 FLAGSTONE DRILLED PROSPECT

64 JACOLA DRILLED PROSPECT

68 RESERVE DRILLED PROSPECT

70 MARY DRILLED PROSPECT

69 PARADOX UNKNOWN

72 PAIGE ANOMALY

73 TWOPETE DRILLED PROSPECT

84 KANGAROO DRILLED PROSPECT

87 TEDDY DRILLED PROSPECT

88 SIROLA DRILLED PROSPECT

CESSNA

89 ANDREW DRILLED PROSPECT

98 CHAPLIN DRILLED PROSPECT

108 LADY DI DRILLED PROSPECT

112 STARLIGHT DRILLED PROSPECT

115 MULTI DRILLED PROSPECT

114 GREAT DANE UNKNOWN

113 PONTOON DRILLED PROSPECT

63 I BRIDEN

65 I CROWN

78 KEGLOVIC

79 I IVAN I

80 SHANNON

81 | COMPLICATION |

82 TRY

83 REBEL

22 BOBCAT DRILLED PROSPECT EPITHERMAL AU-AG-CU: HIGH SULPHIDATION

34 ADAMSON DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

53 MUR DRILLED PROSPECT POLYMETALLIC VEINS AG-PB-ZNAU Pb, Ag, Zn/Au/-

55 VANGORDA OPEN PIT PAST PRODUCER SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Zn, Pb/Ag/Au

57 KULAN DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX) Pb, Zn, Ag/-/-

PPEN PIT PAST PRODUCER | SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

SHRIMP DRILLED PROSPECT SEDIMENTARY EXHALATIVE ZN-PB-AG (SEDEX)

widespread stratiform barite (+/- lead-zinc) occurrences (e.g. Tom, Jason to east of area). A regional unconformity occurs beneath upper Upper Devonian strata (DMP). Succeeding Lower Mississippian and Triassic carbonate and siliciclastic sediments separated by Carboniferous to Permian chert and shale (MT, CPMC, TJ) (total 1700 m) were likely deposited on a silty to muddy, at times euxinic, shallow marine shelf. A regional unconformity occurs beneath Middle to Upper Triassic (TJ), and possibly beneath Upper Mississippian strata (CPMC). Rare Lower Cretaceous chert-bearing clastic rocks (KBT) (120+ m), the first signal of Jura-

Cretaceous orogenic uplift to the west, disconformably overlie Upper Triassic strata. Ancestral margin strata southwest of Tintina Fault comprise two distinct successions separated by the northwest trending St. Cyr fault. On the southwest, the Pelly Mountains assemblage (3500 m) consists of relatively deep water, late Proterozoic to Silurian fine clastic and carbonate strata (PCp, COsl, OSI) succeeded by shallow water, Siluro-Devonian carbonate and clastic rocks (Sst, SDdq; Cassiar Platform), in turn overlain by Devono-Mississippian shale and chert-bearing sandstone (DMs). The Devono-Mississippian strata are analogous in tectonic affinity to the Earn Group (DME) northeast of Tintina Fault. To the south of Tay River map area the succession includes felsic volcanic rocks that host volcanogenic massive sulphide occurrences (e.g. Wolf). Unconformities occur at the base of the Lower Silurian (Sst) and upper Upper Devonian (DMs). In the narrow belt between St. Cyr and Tintina faults, the St. Cyr assemblage (1600+ m) differs from the Pelly Mountains assemblage in the lack of Paleozoic shallow water clastic or carbonate strata, as well as in the presence of a unique and enigmatic unit of Late Devonian limestone-phyllite (DMcsl). Cambro-Ordovician to Devonian strata consist chiefly of fine grained pelitic (ODsI) and carbonate (COc) rocks of probable deep water origin. Scattered remnants of Carboniferous to Triassic strata include chert (Mt), siltstone, carbonate and shale (DMs, Csl, uTsc) that

resemble equivalent strata in adjacent regions southwest of St. Cyr Fault.

In the Early Cretaceous, northeast-southwest compression led to northwest-trending, regional scale folds and extensive, shallow-dipping thrust faults. Incompetent Ordovician to Devonian shale and chert are complexly deformed above a regional, flat-lying, buried detachment (see cross-sections, sheet 3). Shortening in Cambro-Ordovician to Devonian strata is at least 50%, indicating that the paleogeographic width of the Selwyn Basin was twice as much as is currently represented. Folds and faults ultimately root in a basal detachment that extends beneath the region and across the entire deformed belt. Upper Paleozoic oceanic rocks of the Slide Mountain terrane (CPs), and metasediments of the Yukon-Tanana terrane (CTY), were emplaced as thrust sheets during this deformation. Deformation is bracketed as younger than affected Early Cretaceous strata (KBT), and older than intrusion of the mid-Cretaceous Selwyn Plutonic Suite (Ks) and eruption of dacitic pyroclastics of the

IAJOR/MINOR/TRACE

Mo, Cu/-/-

Cu/-/-

Cu/-/-

Zn, Ag, Pb/-/-

Zn/Sn, Pb/-

-/Cu, Zn, Sb, Ag, Pb/Au

Cu/-/-

Pb, Ag, Zn/-/-

-/-/-

Pb/Zn/-

Zn/Cu, Pb/-

Zn, Pb/Ag/Au

Ag, Zn, Pb/-/-

-/-/-

Pb/-/-

Cu/-/-

Cu/-/-

Pb, Zn, Ag/Cu/-

Pb + Zn, Cu/-/-

Zn, Cu/Ag, Pb/-

Zn, Pb, Cu/-/-

-/-/-

Zn, Ag, Pb/Au, Cu/-

Pb, Ag, Zn/-/-

Zn, Ag, Cu/Mo/-

-/-/-

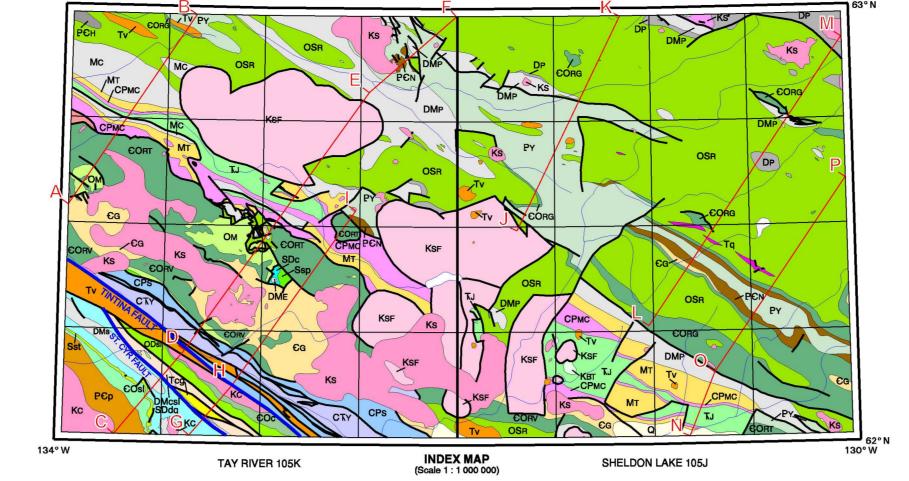
LOCATION MAP

coeval South Fork Volcanics (KSF). The plutons are regionally associated with tungsten-copper skarn (e.g. Mactung) and base metal vein occurrences. The volcanics are notably barren. Cretaceous-Tertiary dextral slip along Tintina Fault zone, which transects the southwest part of the area, amounted to at least 430 km. Pull-apart basins along the fault zone accumulated fluvial clastics (Ts) and bimodal volcanic rocks (Tv) that host epithermal precious metal veins (e.g. Grew Creek).

Excellent field assistance was provided by T. Frakes (1982), D. Thorkelson (1983), B. Thomas (1985, 1986), S. Gareau (1986), S. Irwin (1986), and D. Rhys (1987). During 1986 and 1987, a base camp was shared in Ross River with Lionel Jackson of the Geological Survey, who was mapping surficial geology in Tay River map area. Brian and Colleen Hemsley, proprietors of the Ross River Service Centre. are commended for excellent expediting. Helicopter pilot John Witham (Trans North Turbo Air), skillfully performed many difficult landings that were required in parts of the region. His knowledge of the terrain and of local history were invaluable. Northern Mountain Helicopters provided efficient charter service from Macmillan Pass in 1982, and Danny Perrault gave excellent fixed-wing service from Ross River in 1987. J. Morin, then Chief Geologist, Whitehorse office of Indian and Northern Affairs Canada, encouraged the project, and kindly made available office, mail, and warehouse facilities in Whitehorse. The mapping benefited greatly from friendly and open discussion on the geology of the Anvil Range, its

ACKNOWLEDGMENTS

deposits and environs with L. Pigage and G. Jilson (then of Curragh Resources Ltd.). Charles Roots is thanked for his constructive review.

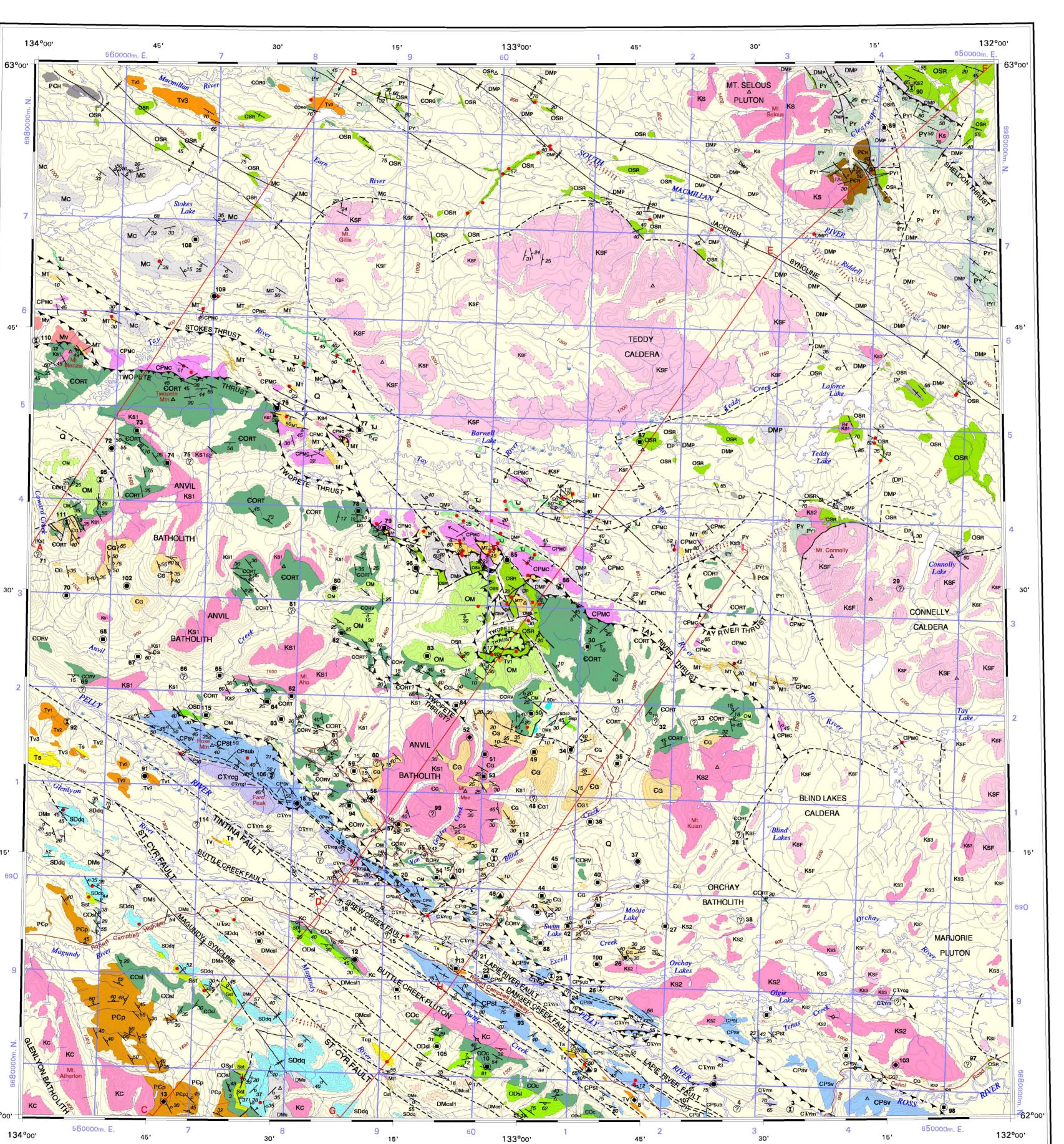


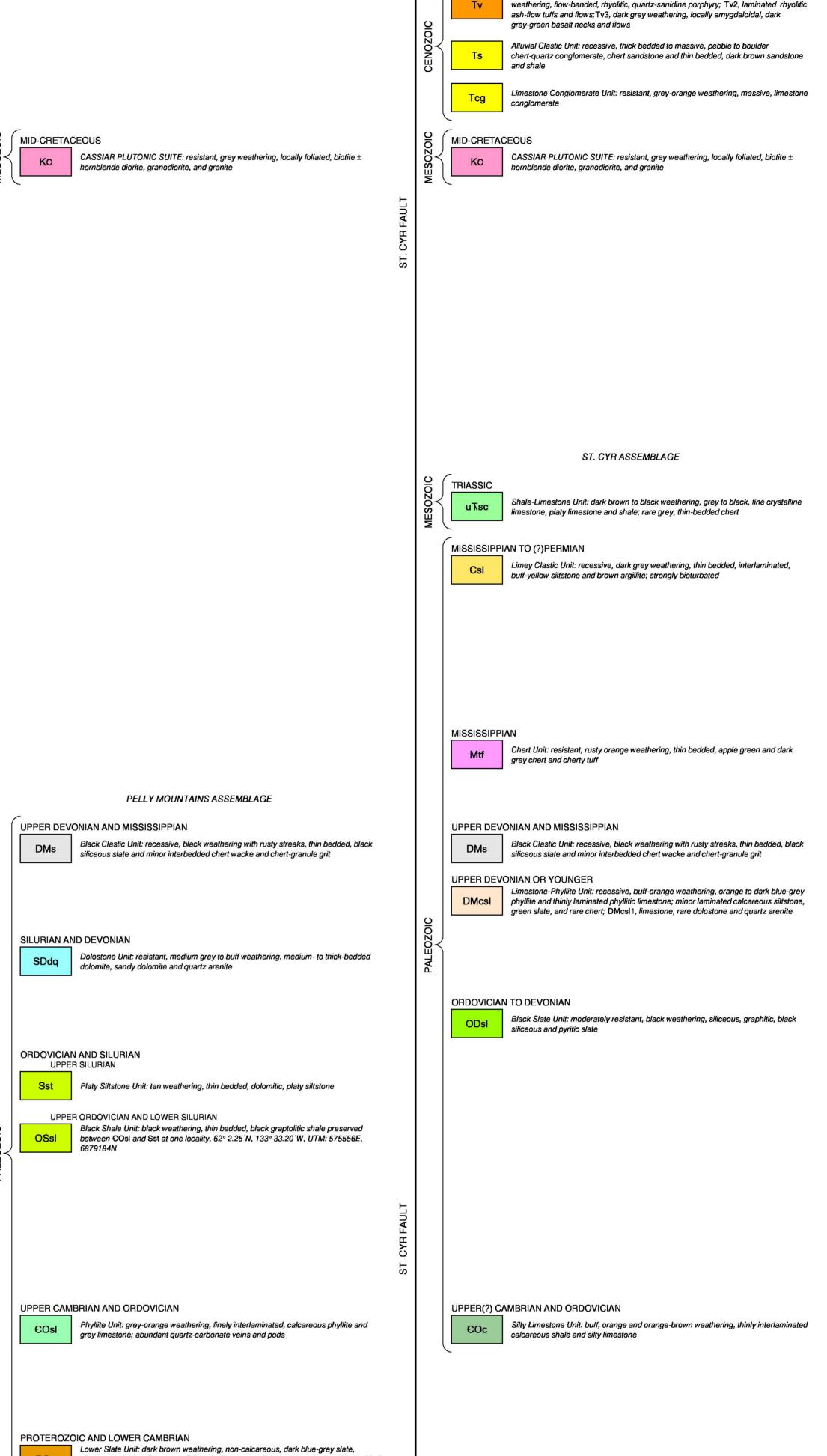
SOUTHWEST

southwest) and time equivalence.

Units projecting beneath cover appear in brackets.

NOTE: Rock units on legend arranged to reflect their geographical distribution (ie. from northeast to





siltstone and minor limestone; PCp1, buff-orange to light grey weathering, thin bedded, argillaceous limestone and calcareous phyllite; metamorphosed equivalents near Glenlyon Batholith are biotite-muscovite-quartz schist and minor marble SYMBOLS Geological boundary (defined, approximate, assumed or extrapolated beneath overburden, outcrop boundary) Fault, steeply dipping (defined, approximate, assumed or extrapolated beneath overburden; solid circle indicates downthrown side) . · ________ Fault, thrust (defined, approximate, assumed or extrapolated beneath overburden; teeth indicate upthrust side) . Anticline (approximate or extrapolated beneath overburden) Syncline (approximate or extrapolated beneath overburden) Cross-section lines . Bedding, top known (inclined)

Bedding, top unknown (inclined, vertical)

Axis of small-scale fold of bedding (inclined)

Minfile status (Prospect, Showing, Unknown)

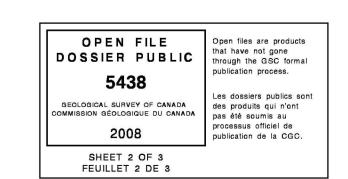
Minfile status (Anomaly, Deposit, Drilled Prospect, Open Pit)

(2)

Cleavage, foliation (inclined, vertical)

Fossil locality

LEGEND PLEISTOCENE AND RECENT Unconsolidated glacial and alluvial deposits Bimodal Volcanic Unit: undivided Tv; Tv1, small stocks and necks of white Bimodal Volcanic Unit: undivided Tv; Tv1, small stocks and necks of white weathering, flow-banded, rhyolitic, quartz-sanidine porphyry; Tv2, laminated rhyolitic ash-flow tuffs and flows;Tv3, dark grey weathering, locally amygdaloidal, dark grey-green basalt necks and flows Alluvial Clastic Unit: recessive, thick bedded to massive, pebble to boulder chert-quartz conglomerate, chert sandstone and thin bedded, dark brown sandstone MID-CRETACEOUS SOUTH FORK VOLCANICS: dark brown weathering, locally columnar jointed, massive, densely welded, biotite-quartz-hornblende-feldspar crystal- and crystal-lithic SELWYN PLUTONIC SUITE: grey weathering, resistant, medium- to coarse-grained, locally megacrystic (K-spar), biotite \pm hornblende \pm muscovite granite, quartz monzonite and granodiorite; KS1, plutons without hornblende; KS2, plutons with hornblende; Ks3, porphyritic biotite-hornblende granite characterized by large smokey grey quartz phenocrysts and locally K-feldspar phenocrysts; Ks4, mafic-free PENNSYLVANIAN AND PERMIAN SLIDE MOUNTAIN TERRANE: undivided CPs; Volcanic Unit: CPsv, resistant, dark CPS weathering, dark grey-green basalt, tuff and breccia; Chert Unit: CPst, thin bedded, grey-green, jasper-red and apple-green chert and siliceous tuff; Limestone Unit: CPSI, light grey weathering, massive, fine crystalline, dark grey limestone; Ultramafic Unit: CPsub, recessive, green weathering serpentinite CARBONIFEROUS TO TRIASSIC YUKON-TANANA TERRANE: undivided CTY; Schist Unit: CTYm, grey weathering, CTY muscovitic, quartz blastomylonite; recessive, muscovitic quartzite and quartz muscovite - biotite ± glaucophane schist with local pods of eclogite; Conglomerate Unit: CTYcg, resistant, massive, poorly sorted, conglomerate with pebble- to cobble-size clasts of basalt, chert, mylonite, and limestone; CTYcg1, thin bedded, grey, calcareous slate, locally with interbedded argillaceous limestone ALLOCHTHONOUS TERRANES EMPLACED IN JURA-CRETACEOUS JONES LAKE FORMATION: brown weathering, medium- to thick-bedded, calcareous siltstone, sandstone and shale; ripple cross-laminated CARBONIFEROUS TO PERMIAN MOUNT CHRISTIE FORMATION: resistant, orange to buff weathering, thin-to medium-bedded, light grey-green to black chert TAY FORMATION: recessive, dark brown weathering, thin- to medium-bedded, calcareous, dark grey to brown siltstone, sandstone and shale; thin to thick interbeds of fine crystalline, dark grey limestone; MT1, light grey weathering, thick bedded to massive, dark grey limestone; MT2, resistant, coarse-grained quartz sandstone DEVONIAN AND MISSISSIPPIAN EARN GROUP (DP, DMP, MC and Mv) DME EARN GROUP: undivided, mostly Mc, DMP, minor DP Felsic Volcanic Unit: orange weathering, massive, aphanitic, altered felsic volcanic and/or subvolcanic CRYSTAL PEAK FORMATION: resistant, dark grey weathering, massive MC chert-pebble conglomerate and chert-quartz sandstone; minor brown weathering, ____ dark blue-grey shale UPPER DEVONIAN TO MID-MISSISSIPPIAN PREVOST FORMATION: recessive, brown weathering, thin bedded, laminated, dark DMP blue-grey to black slate with thin to thick interbeds of fine- to medium-grained chert-quartz arenite and wacke, and chert-pebble conglomerate; DMP1, recessive, dark grey to black limestone and shale (105K/16) LOWER DEVONIAN TO UPPER DEVONIAN PORTRAIT LAKE FORMATION: black, gun-blue or silvery white weathering, thin bedded, siliceous, black siltstone, slate and chert SILURIAN AND DEVONIAN UPPER SILURIAN(?) TO MIDDLE DEVONIAN Carbonate-Sandstone Unit: SDc1, minor massive, medium-grained quartz arenite; (105K/7) SDc2, light grey weathering, massive- to thick-bedded, fine crystalline limestone and dolostone, locally cherty (105K/7) SILURIAN AND(?) EARLY DEVONIAN Siltstone Unit: tan weathering, thin bedded, dolomitic, platy siltstone (105K/7) ORDOVICIAN AND SILURIAN ROAD RIVER GROUP: undivided Duo Lake and Steel formations (may include OSR infolds of COR and DP) STEEL FORMATION (Upper Silurian): orange weathering, thin bedded, burrowed, dolomitic, grey-green mudstone, siltstone and chert; thin bedded, black chert; rare black graptolitic shale; DUO LAKE FORMATION (Lower Ordovician to Lower Silurian): resistant, grey weathering, thin- to medium-bedded, green, grey and black chert; recessive, gunsteel weathering, black graptolitic shale CAMBRIAN AND ORDOVICIAN UPPER CAMBRIAN AND LOWER ORDOVICIAN MENZIE CREEK FORMATION: resistant, dark weathering, massive, locally pillowed, dark grey-green andesite to basalt, tuff and breccia RABBITKETTLE FORMATION GOLD CREEK FACIES: grey-buff weathering, laminated to thin bedded, locally CORG nodular limestone and shaly limestone; limestone conglomerate; light grey weathering, dark grey, thin-bedded limestone separating members of dark brown weathering, black shale; medium green weathering, green shale TWOPETE FACIES: resistant, dark grey weathering, massive to laminated, blocky, white to light grey quartzose siltstone and chert, and rare black slate; strikingly laminated, very fine grained, tuffaceous siltstone and chert; minor grey phyllitic limestone, calcareous phyllite, and greenstone VANGORDA FACIES: silver-grey weathering, laminated to thin bedded, dark grey, shaly limestone to calcareous phyllite LOWER AND MIDDLE(?) CAMBRIAN GULL LAKE FORMATION: recessive, brown weathering, non-calcareous, dark grey to black slate and siltstone; metamorphosed equivalents near Anvil and Orchay batholiths include quartz-muscovite-biotite schist (\pm garnet \pm sillimanite \pm staurolite \pm andalusite) and minor marble; EG1, grey-white weathering, laminated, medium crystalline marble with minor lenses and pods of mica schist PROTEROZOIC AND LOWER CAMBRIAN HYLAND GROUP (PY, P€N) PROTEROZOIC AND LOWER CAMBRIAN HYLAND GROUP: undivided YUSEZYU and NARCHILLA formations NARCHILLA FORMATION: recessive, maroon weathering, interbedded maroon and apple-green slate; rare grey-brown weathering, medium- to thick-bedded quartz sandstone and quartz-pebble conglomerate YUSEZYU FORMATION: grey brown weathering, thin- to thick-bedded, interbedded, quartz sandstone, local quartz-pebble conglomerate, and grey-green to dark grey slate; PY1, grey weathering, dark grey, fine crystalline limestone



NORTHEAST

ALLOCHTHONOUS

Sheet 2 of 3: Tay River (105K)

Recommended citation: Gordey, S.P. 2008: Geology, Selwyn Basin (105J and 105K), Yukon; Geological Survey of Canada, Open File 5438, 2 maps at 1:250 000 scale and 1 sheet cross-sections at 1:100 000 scale.

107 WEDEKIND

109 PRINCE CHARLES

110 MT. MENZIE

UNION

North American Datum 1983 © Her Majesty the Queen in Right of Canada 2008

OPEN FILE 5438

GEOLOGY

SELWYN BASIN

(105J AND 105K)

YUKON

TAY RIVER (105K)

Scale 1:250 000/Échelle 1/250 000

Author: S.P. Gordey

Geology by S.P. Gordey, Geological Survey of Canada 1980,

1982-1983, 1985-1987, with contributions from previous work

by J.A. Roddick and L.H. Green

Digital cartography by R. Cocking, R. Chan, and S.P. Williams

Geological Survey of Canada

Projection transverse universelle de Mercator Système de référence géodésique nord-américain, 1983 © Sa Maiesté la Reine du chef du Canada 2008

Any revisions or additional geological information known to the user

would be welcomed by the Geolgical Survey of Canada

Digital base map from data compiled by Geomatics Canada,

modified by GSC Pacific

Mean magnetic declination 2008, 24°21'E, decreasing 25.6' annually Readings vary from 24°04'E in the SW corner to

24°37'E in the NE corner of the map

Elevations in meters above mean sea level

Sheet 2 of 3 Sheet 1 of 3

OF1960 OF1290 OF4243

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS