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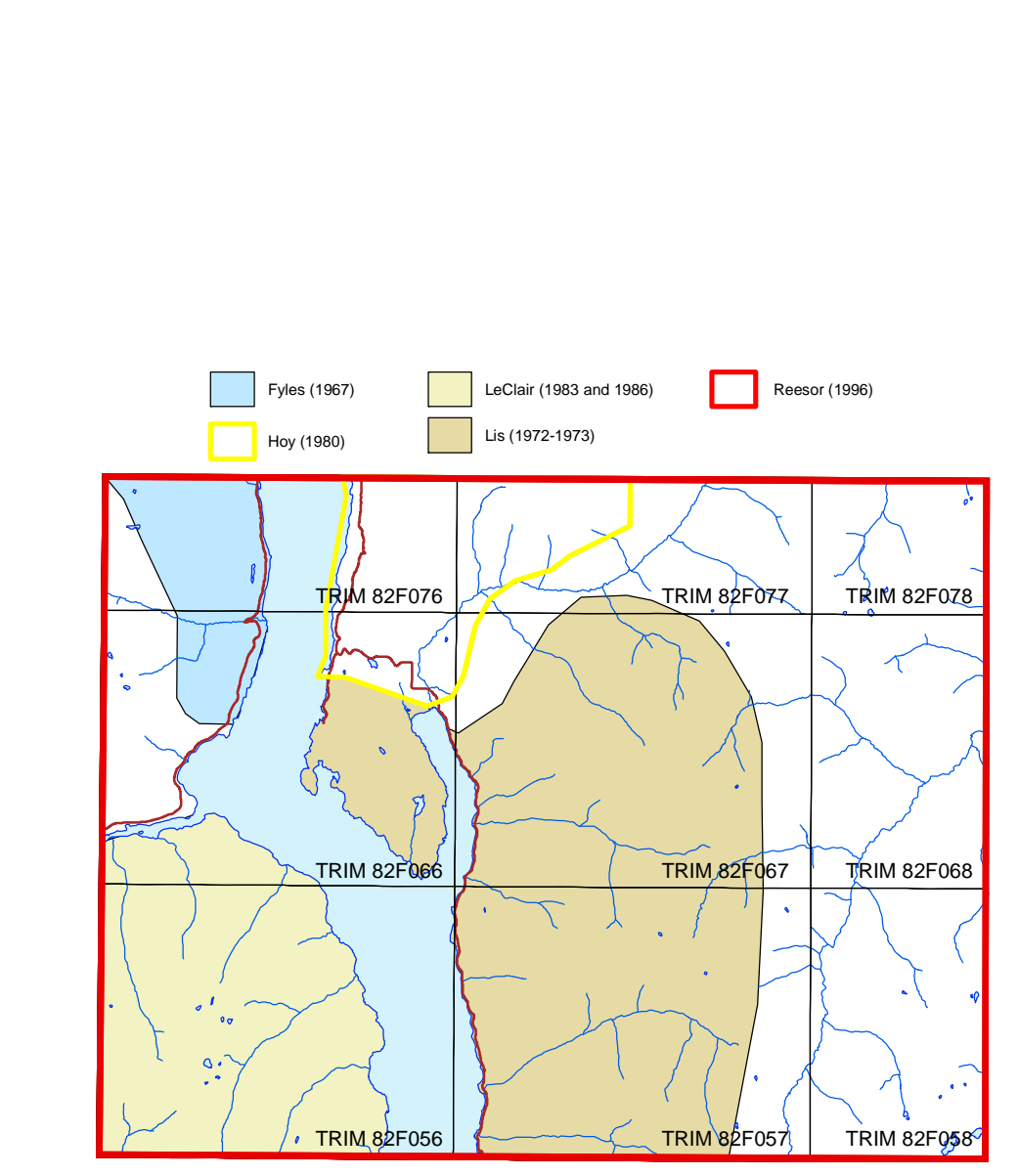
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TABLE OF MINFILE OCCURRENCES

MINFILE NO.	NAME	STATUS	COMMODITIES
082NE004	JOCK	Prospect	MO WVO
082NE015	HIGHLAND E. 290	Past Producer	AS PB ZN CU AU
082NE016	MANTLEDALE 10000	Past Producer	AS PB ZN
082NE021	NEW JERUSALEM	Past Producer	PB ZN AG CU AU
082NE022	TIGER	Past Producer	PB ZN AG CU AU
082NE023	SPRING	Past Producer	PB ZN AG CU AU
082NE024	SILVER HILLS E. 1072	Past Producer	AS PB ZN AU
082NE025	NO. ONE	Past Producer	AS PB AU
082NE026	STAR	Past Producer	PB ZN AG AU
082NE027	EVANS	Past Producer	PB
082NE028	BOKANE E. 375	Past Producer	AS PB ZN AU CU
082NE029	BANKER E. 147	Past Producer	PB ZN AG AU
082NE030	HIGHLAND E. 350	Past Producer	PB ZN AG AU
082NE031	DECATON	Past Producer	PB ZN AG
082NE032	JACK POT	Past Producer	PB ZN AG
082NE033	ELCTIS & DANVA	Past Producer	PB ZN CU
082NE034	ELCTIS & DANVA	Past Producer	PB ZN CU
082NE035	BELLE AIRE	Past Producer	PB ZN AG
082NE036	PANORAMA 25	Showing	PB
082NE037	PANORAMA 47	Showing	PB
082NE038	BERENGARIA	Past Producer	PB ZN AG CU AU
082NE039	LES ANN	Showing	PB ZN
082NE040	BULLOCK	Past Producer	AS PB ZN CU AU
082NE041	PILOT POINT	Prospect	SO
082NE042	HRAD	Past Producer	AS PB ZN CU AU
082NE043	LIMITED	Past Producer	PB ZN AG ZN
082NE044	CHUCK	Showing	AS PB ZN
082NE045	NEOHO E. 303	Past Producer	AS ZN PB
082NE046	CROW FLEECING	Past Producer	AS PB ZN CU AU
082NE047	FRIBERG	Past Producer	AS PB ZN
082NE048	OLDMANSBY	Showing	PB ZN AG CU AU
082NE049	NOBLE 3	Showing	PB ZN AG
082NE050	SILVER HILLS E. 292	Past Producer	AS PB ZN CU AU
082NE051	WILSON & FORTNIGHT	Showing	SO
082NE052	GRAY CREEK IRON NORTH	Showing	FE
082NE053	GRAY CREEK IRON SOUTH	Showing	FE
082NE054	BARRETT	Showing	PB AS PB ZN
082NE055	LIMITED COPPER	Showing	CU AS PB ZN
082NE056	SHOW KING E. 720	Showing	PB ZN CU AG
082NE057	CRANFORD BAY	Development Prospect	ZN PB AG
082NE058	CRANFORD BAY	Prospect	SO
082NE059	CRANFORD CREEK QUARTZITE	Past Producer	AT BS SI
082NE060	DYNE OXFORD	Showing	CU PPT SO
082NE061	COLLINS	Showing	AS CU
082NE062	BEN OREBY	Showing	MS
082NE063	CRYSTAL LAKE	Showing	AS PB ZN
082NE064	WATERBURY	Showing	PB ZN AU
082NE065	VICTORIA	Showing	PB
082NE066	FIVE METALS	Showing	FE AS PB CU
082NE067	FOURTH E. 301	Showing	AS PB
082NE068	SCANTY	Showing	ZN
082NE069	DAVE	Showing	BA AS PB ZN AU CU
082NE070	KORANEE	Prospect	LS
082NE071	MARBLE 1200	Past Producer	ZN AS PB AU CU
082NE072	NORTHWARD	Past Producer	PB AG
082NE073	LADY OF THE LAKE	Past Producer	PB ZN
082NE074	LAFFERTY	Past Producer	PB ZN
082NE075	BLACK DIAMOND & LITTLE PHAL	Past Producer	PB AS ZN AU CU
082NE076	LITTLE MARIE E. 290	Past Producer	PB AS ZN
082NE077	PROCTOR	Past Producer	LS
082NE078	CONCOMBERVILLE 172	Showing	PB ZN AG CU
082NE079	LA FRANCE CREEK	Past Producer	LS
082NE080	PILOT BAY	Past Producer	AS ZN PB AU
082NE081	ZON	Showing	AS PB ZN CU MO WVO



LAYERED ROCKS

Coloured legend blocks indicate map units that appear on this map.

QUATERNARY

- Qal Unconsolidated outwash, alluvium, colluvium and fill.

MESOZOIC TRIASSIC

- SLOCAN GROUP
 - TS Grey argillite and phyllite, light grey to black limestone.

PALEOZOIC PERMIAN

- KASLO GROUP
 - Pk Schistose, surfaceous greenstone, amphibolite, siliceous tuff.

CARBONIFEROUS TO PERMIAN

- MISSISSIPPIAN TO LOWER PERMIAN MCFORD GROUP
 - MPu Siliceous argillite and phyllite; grey limestone; chert.

CAMBRIAN TO DEVONIAN

- INDEX FORMATION
 - Pi Undivided.
 - P3 Biotite-quartz-feldspar (garnet) gneiss; amphibolite.
 - P2 Marble and calc-silicate gneiss; amphibolite; micaceous quartzite; P2A: Calcite marble.
 - P1 Hornblende gneiss; amphibolite; calcite marble.

CAMBRIAN

- LOWER CAMBRIAN BADSHOT-MOHCAN FORMATION
 - CBM Calcite marble; dolomite; calcareous schist; quartzite.
- NEOPROTEROZOIC (HADRYAN AND LOWER CAMBRIAN) HAMIL GROUP
 - ECH Undivided.
 - ECH4 Dark quartzite; quartz-rich schist.
 - ECH3 White quartzite.
 - ECH2 Phyllite and semi-pelitic schist; interbedded micaceous and feldspathic quartzite; muscovite-biotite-chlorite schist; quartz, amphibolite. ECH2a: Epitaxial-chlorite amphibolite gneiss. ECH2b: Marble.
 - ECH1 Massive white quartzite; micaceous quartzite.

THREE SISTERS FORMATION

- ECTS Light grey, resistant, quartz-feldspathic gneiss; blue quartz gneiss; quartzite; quartz-pebble conglomerate.
- ECTSc Conglomerate member.

PROTEROZOIC

- NEOPROTEROZOIC WINDERMERE SUPERGROUP HORSE CREEK GROUP
 - NPHC Phyllite and pelitic schist; interbedded quartzite, micaceous quartzite, pebble and cobble conglomerate; grey limestone.
 - NPHC3 Undivided.
 - NPHC3a Grey limestone and marble; dolomite.
 - NPHC3p Pebble conglomerate with quartz, quartzite, and feldspar clasts.
 - NPHC3c Cobble conglomerate.
 - NPHC2 Massive white quartzite; pebbly quartzite. NPHC2a: Cobble and boulder conglomerate.
 - NPHC1 Phyllite; siltite; carbonates.
- MONK FORMATION
 - NpM Fine to coarse-grained pelitic schist; muscovite-biotite schist with garnet, andalusite and/or staurolite; minor quartz gneiss; micaceous quartzite; quartz siltstone; and laminated limestone and marble; dark grey to brown weathering; recessive quartz pebbles.
- IRENE FORMATION
 - Np Black to dark-green, massive to schistose tholeiitic basalt; mafic volcanoclastic rocks; locally containing carbonate clasts and trichotaxite; pillow basalt and massive basalt; gabbroic siltite (?); phyllite; preliminary SmNd date of 702 ± 4 Ma obtained from volcanic rocks (Crawford et al., 1989).
- TOBY FORMATION
 - Np7 Buff weathering polymictic conglomerate; conglomeratic quartzite, phyllite, impure quartzite, pale green vesicle-dominated dolomite and quartzite clasts; rare andalusite fragments occur locally; variable amounts of strain from massive to foliated with flattened clasts to chlorite-sericite schist; grey, brown, grey and massive matrix to framework supported; pebble to boulder-sized clasts; local dolomite horizons.

MESOPROTEROZOIC (HELIKIAN) PURCELL SUPERGROUP

- MOUNT NELSON FORMATION
 - MpNv Undivided.
 - MpM4 Dolomite, white to dark grey, buff to brown weathering.
 - MpM3 Black argillite, grey siltstone, thinly interbedded.
 - MpM2 Dolomite, dolomitic siltstone, argillite.
 - MpM1 Quartzite, thick bedded, white to green.
- DUTCH CREEK FORMATION
 - MpDC Sedimentary rocks; green siltstone, argillite, stromatolitic dolomite, quartz waste.
 - MpDCU UPPER: interbedded grey siltite and black argillite, thin to thick-bedded.
 - MpDCI LOWER: thinly interbedded black argillite and grey siltite.
- KITCHENER FORMATION
 - MpK Undivided.
 - MpKu UPPER: dolomite, thin to thick-bedded, white to grey, with interbedded white quartzite.
 - MpKm MIDDLE: Dolomitic siltstone, dolomitic argillite, dolomite, commonly buff-weathering; argillite, siltstone, quartzite; green siltite dolomitic siltstone near base.
 - MpKl LOWER: Dolomite, dolomitic siltstone, green and black argillite; light grey siltite and quartzite.

INTRUSIVE ROCKS

- MESOZOIC CRETACEOUS
 - BAVYONE PLUTONIC SUITE (KFC, KS)
 - KFC FRY CREEK BATHOLITH: Leuconogranite; biotite monzonite; biotite-muscovite monzonite in westernmost exposures.
 - KS SHORELINE INTRUSIONS: biotite-muscovite granite and pegmatite, foliated in some localities.
 - LATE CRETACEOUS BAYVONE BATHOLITH
 - LKBvC HEATHER CREEK PLUTON: biotite-muscovite; leucogranodiorite; pegmatite.
 - EKBC CRAWFORD BAY STOCK: Biotite monzonite, medium to coarse-grained, with trace quartzite.
 - JURASSIC
 - UMB MOUNT BALDY PLUTON: granodiorite, foliated with many inclusions of country rock; common potassium feldspar megacrysts.
 - MIDDLE JURASSIC NELSON PLUTONIC SUITE (Mjngd, Mjnp)
 - Mjngd MINE STOCK: granitic body exposed 2 km south-southwest of the confluence of Summit-Bavyone creeks.
 - Mjnp PROCTOR INTRUSION: related hornblende leucogranodiorite and biotite epidote leuconogranite.

SYMBOLS

Geological contact: defined, approximate, assumed

Outcrop

Quaternary limit of cover

Fault: defined, approximate, assumed

Fault: defined, approximate, assumed

Fault, thrust (step on left-hand side)

Fault, normal (step on right-hand side)

Fault, thrust (step on right-hand side)

Bedding horizontal, inclined, vertical

Bedding dipping direction known

Foliation, schistosity, fracture cleavage, inclined, vertical

Foliation (granitic rocks): primary (inclined, vertical); secondary (inclined, vertical)

Thrust fault

Minor fold axial plane and plunge of axis: inclined, vertical

Fold axis, asymmetric fold Z-fold, S-fold

Fold axis, asymmetric fold Z-fold, S-fold

Lineation: undulating, normal, intersection (S, L)

Geochronology sample: Age Method: Ar/Ar, K/Ar, Rb/Sr, Sample Number, Age

SmNd LUPs (Sample number, Age, Mineral marked as shown)

MINFILE mineral occurrence (see table)

produce, past produce, development prospect, prospect, showing, anomaly

AsL drill hole with reference number (see Joseph et al., 2010)

Anticline, syncline (trace of axial surface)

Antiform, synform (trace of axial surface)

Overturned anticline, syncline (trace of axial surface)

Overturned antiform, synform (trace of axial surface)

Major horizon projection: defined, approximate, assumed

Approximate location of seismic line

Point of sector, section line

Provincial Park boundary

