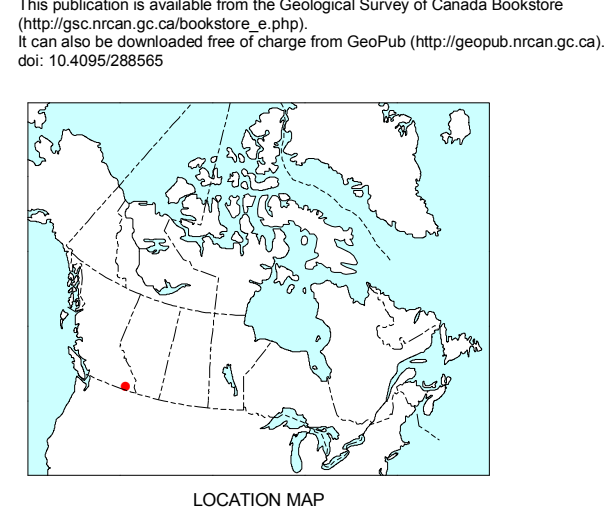
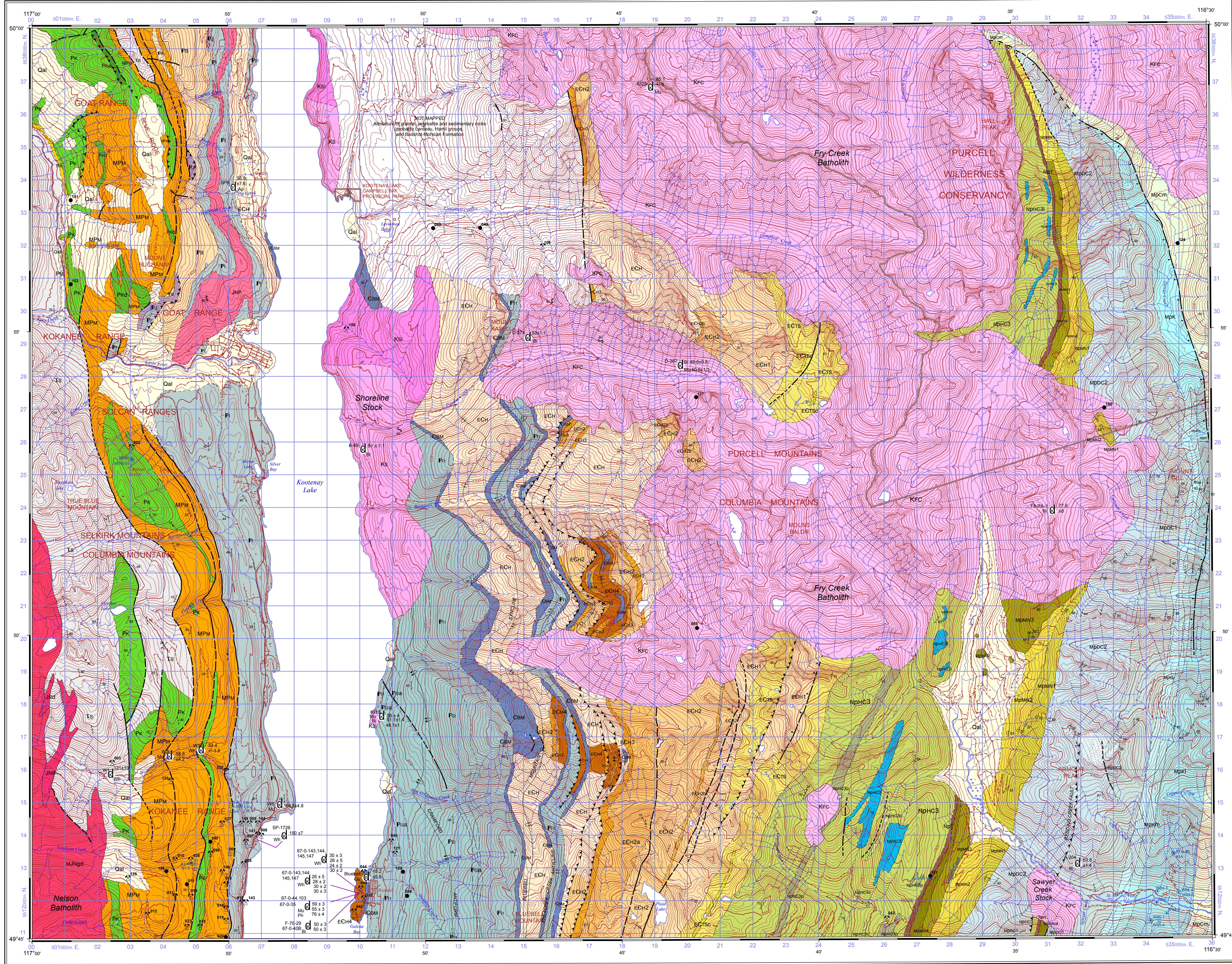
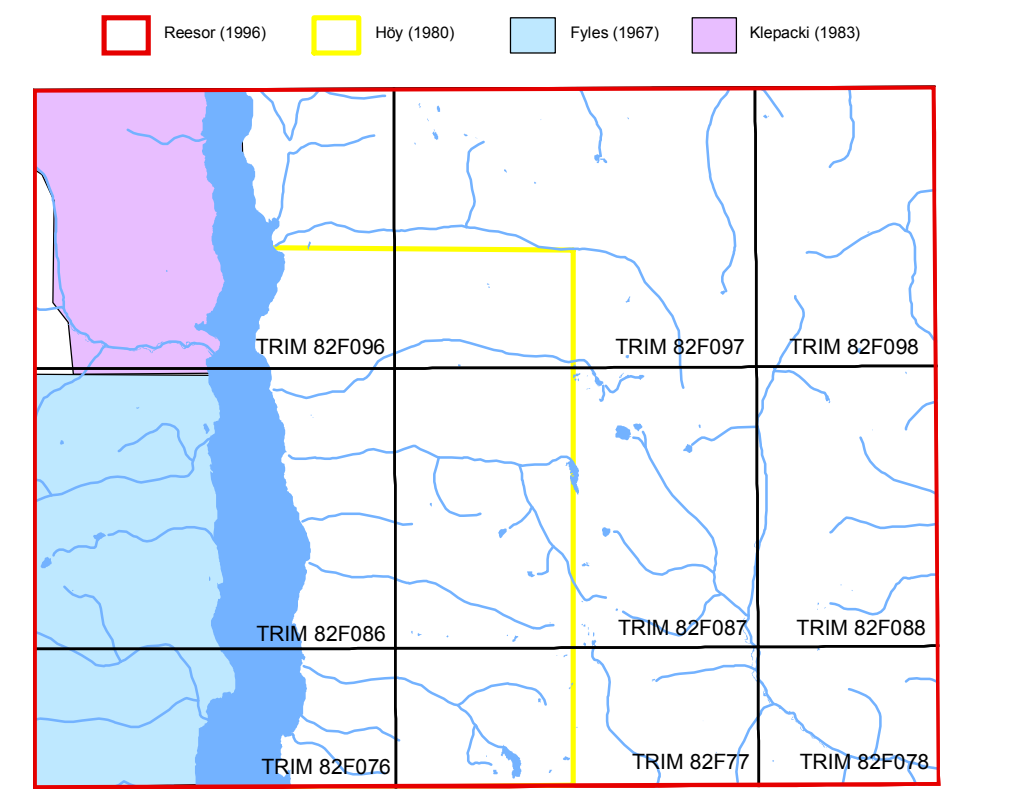


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**TABLE OF MINFILE OCCURRENCES**

MINFILE NO.	NAME	STATUS	COMMODITIES
02PNE002	TRUE BLUE (4656)	Past Producer	CU, AG, AU, ZN, PB, CO
02PNE003	SILVER DOON	Past Producer	AG, PB, ZN, CU
02PNE004	VIOLENT	Past Producer	PB, AG, ZN, AU, CD
02PNE006	NAMELESS	Past Producer	PB, ZN, AG
02PNE007	AMAZON	Past Producer	PB, ZN, AG, AU, CD
02PNE008	NOAH	Past Producer	PB, ZN, AG
02PNE009	WAKEFIELD	Prospect	PB, ZN, AG
02PNE010	SILVER GLANCE	Past Producer	PB, ZN, AU, AG
02PNE011	SULLIVAN	Showing	PB, ZN, AU, AG
02PNE012	CROWN	Past Producer	AG, PB, ZN, CU
02PNE013	LET HER GO GALLAGHER	Past Producer	AG, PB, ZN, CU
02PNE014	BUCKEYE	Past Producer	AG, PB, ZN, AG
02PNE015	HIGH ANGLES (200)	Past Producer	AG, ZN, PB, CU, AU
02PNE016	KOOTENAY FLORENCE	Past Producer	AG, PB, ZN, AU, CD
02PNE017	EARLY BIRD	Past Producer	PB, ZN, AG, FL, CU
02PNE018	LANDSCAPE	Past Producer	PB, ZN, AG, CU
02PNE019	NICKEL	Past Producer	PB, ZN, AG, CU
02PNE020	MANTO (L 1069)	Showing	PB, ZN, AG
02PNE021	AYERS	Past Producer	PB, ZN, AG, CU
02PNE022	SHANNON	Past Producer	AG, PB, ZN, CU
02PNE023	DAVEY BELL	Past Producer	PB, ZN, AG
02PNE024	NORANDA	Past Producer	PB, ZN
02PNE025	KOOTENAY CHIEF	Past Producer	AG, ZN, PB, ZN, CU, AU
02PNE026	BLUEBELL	Past Producer	AG, ZN, PB, CU, CD, AU
02PNE027	COMFORT	Past Producer	AG, ZN, PB, CU, CD, AU
02PNE028	PAUL DRYAN (L 1071)	Past Producer	AG, PB, ZN
02PNE029	HANCOCK (L 2015)	Past Producer	AG, PB, ZN, CU, SN
02PNE030	LEVATHAN	Showing	AU, AG, CU
02PNE031	OTTO	Showing	PB, ZN, AU, AG
02PNE032	LOUIE	Showing	MO, WO, FL
02PNE033	HOTSHOT	Showing	PB, ZN, AG
02PNE034	FERGUS (L 977)	Past Producer	AG, PB, ZN
02PNE035	TAMMAM (L 2041)	Showing	AG, PB, ZN
02PNE036	EEL	Showing	MO
02PNE037	ALICE	Past Producer	PB, AG, ZN
02PNE038	ROSE PASS	Showing	SN, PB, ZN, CU
02PNE039	ANCHOR	Showing	PB, ZN, AG
02PNE040	KIRBY	Past Producer	AG, PB, ZN
02PNE041	HOT SPRING 2	Showing	HS
02PNE042	LAUREL	Showing	MO
02PNE043	NOEL	Past Producer	AG, PB, ZN, AU
02PNE044	GENERAL (GRANT)	Past Producer	AG, PB, ZN, AU
02PNE045	AUGUST FRACTION (L 9297)	Past Producer	AG, PB, ZN
02PNE046	CAREY	Past Producer	AG, PB, ZN
02PNE047	EDDIE FRACTION	Past Producer	AG, PB, ZN
02PNE048	LARUM	Past Producer	AG, PB, ZN, CU
02PNE049	LESLY	Past Producer	PB, AG, ZN
02PNE050	MANGANESE	Showing	MN
02PNE051	HARP	Showing	RO, MN, GN, OS, CU
02PNE052	AMBIVENT LIMESTONE	Showing	LS
02PNE053	BONKEL	Past Producer	LS
02PNE054	MARLBLE	Past Producer	MB, DS, BS



**OPEN FILE 6306**  
**GEOLOGY**  
**KASLO**  
**BRITISH COLUMBIA**  
 Scale 1:50 000 / Échelle 1:50 000

Compilers: D.A. Brown, R.F. MacLeod, and C.L. Wagner  
 Geological compilation by D.A. Brown and R.F. MacLeod, 2008-2010, and C.L. Wagner, 2009-2010  
 Co-ordinated through the auspices of the Targeted Geoscience Initiative (TGI)

Digital cartography by R.F. MacLeod and C.L. Wagner,  
 Geological Survey of Canada (Pacific Division)

Any revisions or additional geological information known to the user  
 would be welcomed by the Geological Survey of Canada

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Projection: Transverse Mercator Projection  
 South American Datum 1983  
 Système de référence géodésique nord-américain 1983  
 © Sa Majesté la Reine du chef du Canada 2011

Digital base map from data compiled by Geomatics Canada,  
 modified by Geological Survey of Canada

Magnetic declination 2011, 15°58E, decreasing 12' annually

Elevations in metres above mean sea level

Contour interval 40 metres

6203	6202	6201
OF4388	OF4387	OF4389
6214	6215	6216
OF6308	OF6309	OF6305
6211	6210	6210
OF6307	OF6308	

**LAYERED ROCKS**  
 Coloured legend blocks indicate map units that appear on this map.

**QUATERNARY**  
 Qal Unconsolidated outwash, alluvium, colluvium and fill.

**MESozoIC**  
**TRIASIC**  
 SLOCAN GROUP  
 TS Grey argillite and phyllite, light grey to black limestone; calcite marble, dolomite, calc-silicate, minor quartzite, meta-arkose, metagypsaceous, breccia.

**PALEozoIC**  
**PERMIAN**  
 PM Marten Conglomerate; greenstone conglomerate.  
 KASLO GROUP  
 PK Siliceous, tuffaceous greenstone, amphibolite, siliceous tuff.  
 PKd Hornblende diorite and metadiorite, feeder dykes to Kaslo greenstone.  
 PKob Serpentinite.

**CARBONIFEROUS TO PERMIAN**  
 MISSISSIPPIAN AND LOWER PERMIAN  
 MILE CREEK GROUP  
 MPm Siliceous argillite and phyllite, grey limestone, chert, laminated limestone and marble; minor quartz pebble conglomerate, siliceous phyllite.

**CAMBRIAN TO DEVONIAN**  
 LARDEAU GROUP  
 BROADVIEW FORMATION  
 PB Grey mica schist, quartz grit, quartzite, pebble conglomerate.  
 JOWETT FORMATION  
 PJ Basaltic greenstone.  
 INDEX FORMATION  
 FI Undivided.  
 F1a Hornblende gneiss, amphibolite, calcite marble; F1b: biotite-muscovite schist and gneiss.  
 F1c Biotite-quartz-feldspar (gneiss) gneiss; amphibolite.  
 F1d Marble and calc-silicate gneiss; amphibolite; micaceous quartzite; F1z: calcite marble.

**CAMBRIAN**  
 BADSHOT-MOCHAN FORMATION  
 CBM Calcite marble, dolomite; calcareous schist, quartzite.

**PROTEROZOIC AND PALEozoIC**  
 NEOPROTEROZOIC AND CAMBRIAN  
 EDACARAN AND LOWER CAMBRIAN  
 HAMELL GROUP  
 ECH Undivided.  
 ECH4 Dark quartzite; quartz-rich schist.  
 ECH3 White quartzite.  
 ECH2a Pale and semi-pale schist; interbedded micaceous and feldspathic quartzite; muscovite-biotite-chlorite schist; quartzite, amphibolite.  
 ECH2b Amphibolite gneiss; ECH2c: marble.  
 ECH1 Massive white quartzite; micaceous quartzite; ECH1a: calcite and dolomite marble.  
 THREE SISTERS FORMATION  
 ECTS Light grey, resistant, quartz-feldspathic gneiss; blue quartz gneiss; quartz-pebble conglomerate.  
 ECTSa Conglomerate member.

**PROTEROZOIC**  
 NEOPROTEROZOIC  
 HORSETHIEF CREEK GROUP  
 NPHC Undivided.  
 NPHC3a Pebble conglomerate, quartzite, quartzite and felspar clasts.  
 NPHC3b Grey limestone and marble, dolomite.  
 NPHC3c Cobble conglomerate.

**WANDERMERE SUPERGROUP**  
 TOBY FORMATION  
 NPT Buff-weathering polymictic conglomerate, conglomeratic quartzite, phyllite, impure quartzite; pale green shale; dominantly dolomite and quartzite clasts; rare calcite fragments occur locally; variable amounts of strain from massive to foliated, with flattened clasts to oriented dendrite schist; grey, brown, grey and mauve matrix to framework supported, pebble to boulder-sized clasts; local dolomite horizons.

**MESOPROTEROZOIC (HELIKIAN)**  
 PURCELL SUPERGROUP  
 MOUNT NELSON FORMATION  
 MPM 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 Undivided.  
 MPDCu UPPER: interbedded grey siltite and black argillite, thin- to thick-bedded, cm carbonate marker.  
 MPDCl LOWER: thinly interbedded black argillite and grey siltite.

**KITCHENER FORMATION**  
 MPk Undivided.  
 MPku UPPER: thin- to thick-bedded, white to grey siltstone, with interbedded white quartzite.  
 MPkm MIDDLE: commonly buff-weathering dolomitic siltstone, dolomitic argillite, and dolomite; argillite, siltstone, quartzite; green tinged dolomitic siltstone near base.  
 MPkl LOWER: green and beige siltstone; dark grey argillite; dolomitic siltstone.

**CRESTON FORMATION**  
 MPMc Undivided; sedimentary rocks; light grey, mauve, green siltstone and argillite; thin- to medium-bedded quartz argillite, quartz waste; calcite marble, green argillite, rhyolite, cross-bedding and mudcracks.  
 MPMcm MIDDLE: light grey, mauve, purple, thin- to medium-bedded quartz argillite, quartz waste, lesser grey siltite and argillite. White quartzite interbeds. Lenticular bedding, rhyolite, cross-bedding and mudcracks.

**INTRUSIVE ROCKS**  
**MESozoIC**  
 CRETACEOUS  
 BAYONE PLUTONIC SUITE (KSI, KS, and KFC)  
 KFC FRY CREEK BATHOLITH: Leuconotogranite; biotite monzogranite; biotite-muscovite monzogranite in west-southwest exposures.  
 KS SHORELINE INTRUSIONS: biotite-muscovite granite and pegmatite, foliated in some localities.  
 KSI SHORELINE INTRUSIONS: biotite-muscovite granite and pegmatite, foliated in some localities with many inclusions of country rocks.  
**JURASSIC**  
 NELSON PLUTONIC SUITE (Jndgd to Jnd)  
 Jnd Hornblende, hornblende diorite.  
 JNP PROCTER INTRUSIONS: foliated hornblende leucogranodiorite and biotite epidote leucogranodiorite.  
**MIDDLE JURASSIC**  
 Mjndgd Biotite (hornblende) granodiorite, with megacrysts of potassium feldspar.

**SYMBOLS**

Geological contact: defined, approximate, assumed  
 Quaternary limit of cover  
 Contact between subdivided and undivided units  
 Fault: defined, approximate, assumed  
 Fault, thrust (seen on outcrop side)  
 Fault, normal (solid circle indicates downthrown side)  
 Fault, defined, approximate, assumed  
 Bedding: inclined, vertical, overturned  
 Foliation, facing direction known  
 Foliation, schistosity, fracture cleavage: inclined, vertical  
 Foliation (granitic rocks): primary (inclined)  
 Minor fold: axial plane and plunge of axis: inclined, vertical  
 Lineation: undefined  
 Geochronology sample: Age Method: Age; KAr: KAr; RbSr: RbSr; SmNd: SmNd; (Sample number; Age; Mineral marked as shown)  
 MIFLE mineral occurrence (see table)  
 MIFLE mineral occurrence (see table)  
 Drill hole and 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)  
 Provincial Park boundary

**OPEN FILE DOSSIER PUBLIC 6306**  
 GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA  
 2011

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