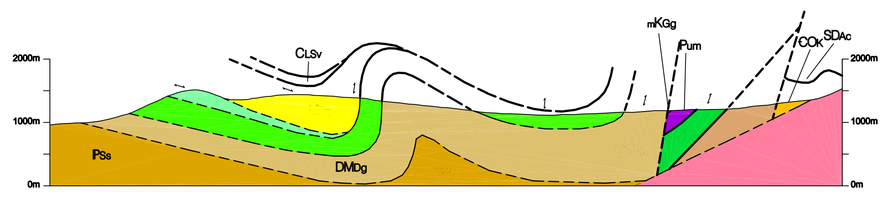

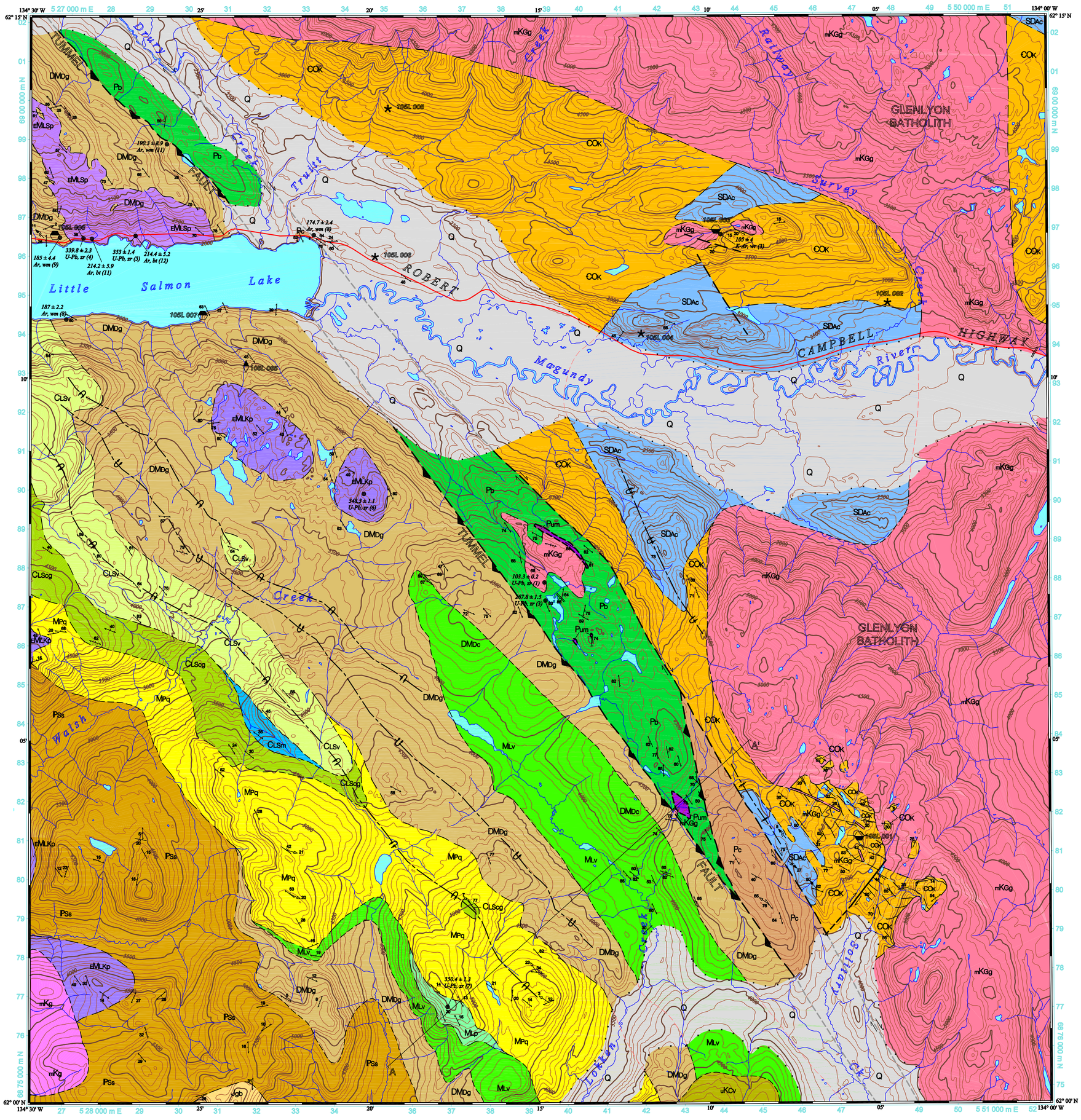

TRUITT CREEK
YUKON TERRITORY
SCALE 1:50 000

Topographic base produced by SURVEYS AND MAPPING BRANCH DEPARTMENT OF ENERGY, MINES AND RESOURCES

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ONE THOUSAND METRE
Universal Transverse Mercator Grid
ZONE 8

Miles 1 0 1 2 3 Miles

Metres 1000 0 1000 2000 3000 4000 Metres

CONTOUR INTERVAL 100 FEET
Elevations in feet above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection

Use diagram to obtain numerical values
APPROXIMATE MEAN DECLINATION 1976
FOR CENTRE OF MAP
Annual change decreasing 2.7'

105 L/7	105 L/8	105 K/5
105 L/2	THIS MAP	105 K/4
105 E/15	105 E/16	105 F/13

LEGEND

QUATERNARY

Q — Unconsolidated alluvium, colluvium and glacial deposits

OVERLAP ASSEMBLAGE

INTRUSIVE ROCKS

EARLY CRETACEOUS
Glenlyon Batholith & satellite intrusions

mKGg — Medium- to coarse-grained weakly foliated black-and-white or pinkish biotite granite; tan-weathering, biotite-hornblende granodiorite; tan-weathering, white biotite-muscovite granite, locally with plagioclase megacrysts up to 4 cm long; muscovite-quartz-plagioclase pegmatite; rare 0.5 to 3 m andesite dykes. Medium- to coarse-grained, weakly to moderately foliated, hornblende diorite or leucogabbro in Tummel fault zone plutons and dykes (U-Pb zircon age 105 Ma)

mKg — Medium-grained, equigranular biotite granite; K-feldspar megacrystic granite

EARLY JURASSIC (?)

Jgb — Coarse-grained hornblende-biotite gabbro

LAYERED ROCKS

UPPER CRETACEOUS
Carmacks Group

uKCv — Dark green to black, reddish-brown weathering, aphanitic basalt, commonly amygdaloidal (agate); agglomerate

SLIDE MOUNTAIN TERRANE

LAYERED ROCKS

LOWER PERMIAN

Pc — Pale green and grey-green, foliated, thinly bedded to massive chert, locally pyritiferous; fine-grained white and light green quartzite; minor black slate, locally graphitic

Pum — Serpentinite, serpentinized harzburgite; talc-antigorite (± brucite) schist; locally relict cumulate texture

Pb — Light to dark greenish-grey, fine- to medium-grained, foliated basalt, basaltic andesite, greenstone (U-Pb zircon age 267 ± 2.1 Ma)

YUKON - TANANA TERRANE

INTRUSIVE ROCKS

MIDDLE MISSISSIPPIAN
Little Salmon plutonic suite

eMLSp — Fine- to medium-grained, foliated hornblende quartz diorite to granodiorite (338-340 Ma U-Pb zircon dates)

EARLY MISSISSIPPIAN
Little Kalzas plutonic suite

eMLKp — Coarse-grained hornblende-biotite granodiorite; hornblende quartz diorite; moderately to strongly foliated (348-349 Ma U-Pb zircon dates)

LAYERED ROCKS

Little Salmon Formation

UPPER MISSISSIPPIAN - MIDDLE PENNSYLVANIAN

CLSm — Medium to dark grey phlogopite marble

MIDDLE MISSISSIPPIAN - PENNSYLVANIAN (?)

CLSv — Medium green and yellow-green, massive chlorite - epidote ± biotite ± magnetite schist; locally intercalated with minor, light green to grey, banded calcareous schist, dark grey carbonaceous schist, and marble

MIDDLE MISSISSIPPIAN

CLScg — Medium- to coarse-grained quartz - chlorite schist; basal pebble to boulder conglomerate.

LOWER MISSISSIPPIAN
Pelmac Formation

MPq — White to light grey quartzite, locally gritty; locally intercalated with chlorite-muscovite schist; minor light grey-green and pink quartzite

DEVONO-MISSISSIPPIAN
Drury Formation
Lokken Member

MLv — Mint-green to yellow-green foliated intermediate volcanic and volcaniclastic rocks; minor intercalated marble and psammitic schist
MLp: Foliated, fine- to medium-grained quartz-feldspar and feldspar porphyry; up to 50% phenocrysts; fine-grained green to maroon tuffaceous volcaniclastic rocks (U-Pb zircon age 350.4 +/- 1.3 Ma)

DMDg — Coarse-grained arkosic grit; light to dark grey quartzite; micaceous quartzite; psammitic schist (detrital zircon U-Pb ages 365 - 370 Ma);
DMDc: dark grey to black phyllite intercalated with light grey marble

DEVONIAN AND OLDER (?)
Snowcap Complex

PSs — Undivided: Light to medium grey quartzite and psammitic schist; medium to dark grey carbonaceous muscovite-quartz (± garnet) schist; light green chlorite-actinolite-carbonate schist; light green quartzite; minor marble

CASSIAR TERRANE
(ANCESTRAL NORTH AMERICA)

LAYERED ROCKS

SILURIAN-DEVONIAN
Askin Group

SDAc — White to grey, tan- to grey-weathering, fine- to coarse-grained, weakly to moderately foliated marble, graphitic along Robert Campbell Highway; diopside marble; quartz-mica schist; green to white, medium- to coarse-grained plagioclase-wollastonite-diopside calc-silicate rock, locally garnetiferous; locally cross-cut by foliated amphibolite dykes

CAMBRIAN - ORDOVICIAN
Kechika Group

COK — Black phyllite, locally calcareous; brown to dark grey siltstone and fine-grained sandstone; adjacent to Glenlyon Batholith, rust-weathering, medium- to coarse-grained quartz-muscovite-biotite ± garnet schist; light green quartzite (± diopside); coarse-grained marble; medium-grained foliated amphibolite; garnetiferous wollastonite-diopside calc-silicate rock

Geological conta
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Thrust fault (ass
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Limit of outcrop.
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	Sample
GLENLYON PI	
1	SYA86-64
2	KG01-188
TUMMEL FAU	
3	KG02-046
LITTLE SALMO	
4	99MC034
5	T-454
LITTLE KALZ	
6	KG01-220
LOKKEN MEM	
7	01MC288
8	RO-87
9	RO-99
10	SS-406a
11	T-226
12	T-454
13	T-459

MINFILE No.	
105L 001	
105L 002	★
105L 003	
105L 004	★
105L 005	★
105L 006	★
105L 007	★
105L 008	
105L 065	

CAMPBELL, R.B.
Geological Surve

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