

BEDROCK GEOLOGY WATSON LAKE (part) YUKON

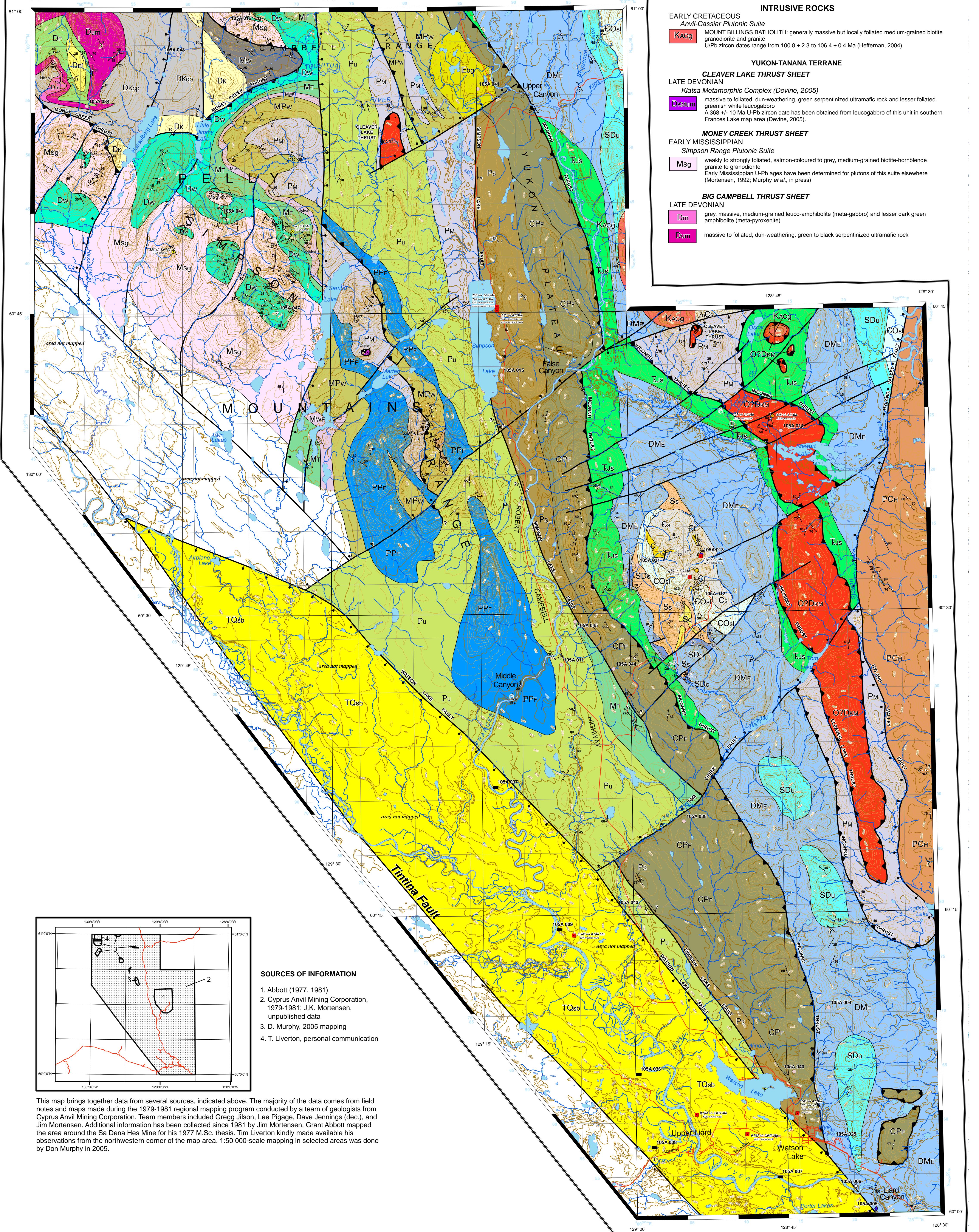
SCALE 1:150 000
True North
CONTOUR INTERVAL 100 FEET
Elevations in feet above Mean Sea Level

Topographic base data from 1:50 000 scale data produced by CENTRE FOR GEODYNAMIC INFORMATION, NATURAL RESOURCES CANADA
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FIVE THOUSAND METRE GRID
Universal Transverse Mercator Projection
North American Datum 1983
Zone 8

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 2005
DODGE'S GRID MAP
Grid North approximates True North
throughout much of area.

105A/13	105A/14	105A/15
HASSELBERG LAKE	UPPER CANYON	MOUNT MURRAY
105A/12	105A/11	105A/10
SAMBO CREEK	FAKE CANYON	STEWART LAKE
105A/5	105A/6	105A/7
FALSE PASS CREEK	MIDDLE CANYON	TOM LAKE
105A/4	105A/3	105A/2
ALLEGRETTO LAKE	DOO LAKES	WATSON LAKE



LEGEND

CENOZOIC	
TQsb	undifferentiated Holocene basalt and Eocene sedimentary rocks
Eocene	

LAYERED ROCKS	
Ebg	brown-weathering, greenish black basalt, locally associated with gabbro (not differentiated)

YUKON-TANANA TERRANE	
UPPER ORDOVICIAN, SILURIAN(?) OR DEVONIAN(?)	Katsa Metamorphic Complex (Devine, 2005)
O'Dmr	coarse-grained metamorphic rocks contained as blocks within serpentinized ultramafic rocks

YUKON-TANANA TERRANE	
O'Dmr	Detrital types include variably carbonaceous quartz-muscovite schist and garnet and omphacite-bearing metabasite. Detrital zircons extracted from metasedimentary rocks are as young as Early Ordovician. U-Pb dating on metamorphic zircon and Ar-Ar dating on retrograde muscovite indicate prograde metamorphism and uplift occurred at c. 30-35 Ma (Devine, 2005).

MONEY CREEK THRUST SHEET	
LOWER PERMIAN	Money Creek Formation
PM	undifferentiated medium to dark grey carbonaceous phyllite; grey and lesser green and pink chert; grey quartzite and mottled grey-white chert-pebble conglomerate, chert-quartz wacke

PENNSYLVANIAN-LOWER PERMIAN	
PPt	massive to thickly bedded, light to medium grey, light grey-weathering, locally crinoidal limestone

UPPER MISSISSIPPIAN-PENNSYLVANIAN	
MPw	undifferentiated limestone, dark grey pink and locally magmatic-bearing chert; fine-grained lithic breccia and siltstone; and white to grey locally sandy and crinoidal limestone

UPPER MISSISSIPPIAN	
Mfr	massive to thickly bedded, light to medium grey, light grey-weathering, locally crinoidal limestone

UPPER MISSISSIPPIAN LIMESTONE	
Ts?	thinly bedded, light to medium grey, light grey-weathering, locally crinoidal limestone

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