










116A LARSEN CREEK	106D NASH CREEK	106C NADALEEN RIVER
115P MCQUESTEN	105M THIS MAP	105N LANSSING RANGE
115I CARMACKS	105L GLENLYON	105K TAY RIVER

Deposit Type	Ag	Au	As	Ba	Bi	Cd	Co	Cu	Cs	Fe	Hg	K	Mn	Mo	Ni	Pb	S	Sb	Ti	W	Zn
Polymetallic Veins	4	4	3				4	1	2		1	1	1	1	1	1	5		5		
W-Skam			3			3						3		3						5	1
Porphyry Cu	2	2	1						5	3							2				
Intrusive Related Cu-Au	1	2	5					2		1	5		2	1			1		2		5
SEDEX				5		3									1	5		1	5		2
Carlin	2	1	5	2							4						5				
Hydrothermal Dispersion	2	1				4	5	2		5			5	2	4	2	1				3

- Regional Geochemistry Sample (RGS) location
-  National Topographic System grid (1:250 000 scale)
-  National Topographic System grid (1:50 000 scale)
-  highway, paved
-  highway, unpaved
-  local road, paved
-  local road, unpaved
-  watercourse
-  waterbody
-  wetland

- 0 - 50%: -3.21 - -0.16, 424 samples
- 50 - 75%: -0.15 - 0.45, 214 samples
- 75 - 90%: 0.46 - 1.33, 125 samples
- 90 - 95%: 1.34 - 1.88, 42 samples
- 95 - 98%: 1.89 - 2.53, 26 samples
- 98 - 100%: 2.54 - 8.00, 16 samples

mPN NOGOLD: buff, maroon, and minor green argillite with quartz sandstone and siltstone interbeds; basal green chert; rare light grey weathering, dark grey limestone beds of Early to Late Devonian age; thick-bedded, green to yellow grey weathering sandstone and grit

CSM	MARMOT: lower Paleozoic mostly mafic volcanics, in locally thick accumulations (1) - (6) but also of common occurrence as undifferentiated thin scattered members within other units (e.g. COR, OSR)
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COR1	RABBITKETTLE: thin-bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff
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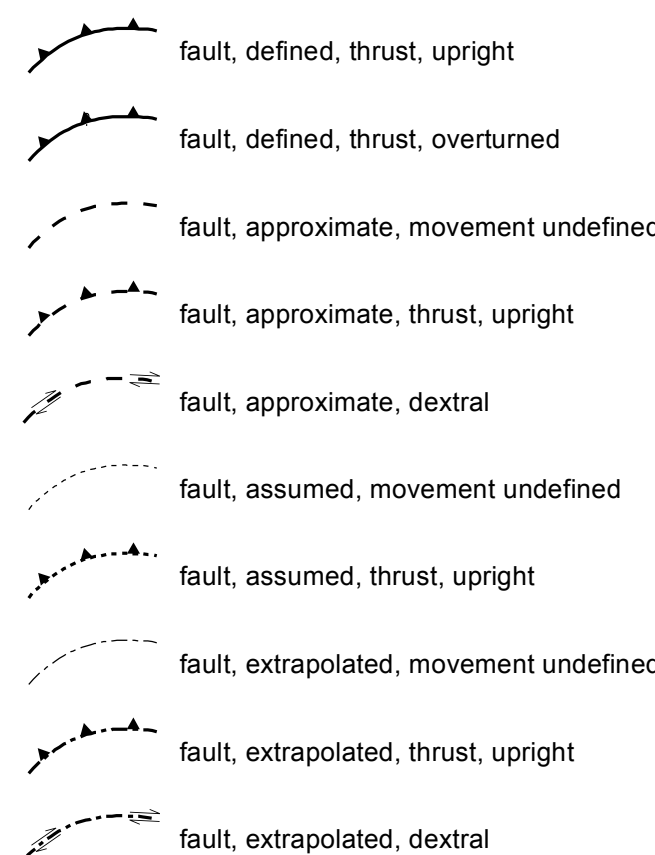
ICG GULL LAKE: dominantly fine clastic assemblage (1) with local volcanic units

conglomerate; phyllite to quartz-muscovite-biotite schist (garnet, sillimanite, staurolite, andalusite)

BCU HYLAND: consists upwards of coarse turbiditic clastics (1), limestone (2), and fine clastics typified by maroon and green shale (3)

PCH2 HYLAND: grey weathering, dark grey to grey white, thin to thick-bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include carbonate members within (1) or (4)

PCH3	HYLAND: distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone, and quartz-pebble conglomerate
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●	Cu Skarn (1)	◇	Stibnite Veins & Disseminations (2)
▼	Plutonic Related Au (2)	⚡	Tailings Reprocessing (1)
◇	Polymetallic Veins Ag-Pb-Zn+/-Au (49)	●	Unknown (15)
□	Porphyry Sn (1)	●	W Skarn (5)
■	Porphyry W (1)	◆	W Veins (2)

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Digital cartography and drafting by J.O. Bruce, Yukon Geological Survey

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

Paper copies of this map and the accompanying report may be purchased from Yukon Geological Survey, Energy, Mines and Resources, Government of Yukon, Room 102 - 300 Main St., Whitehorse, Yukon, Y1A 2B5. Ph. 867-667-3201, Email geosales@gov.yk.ca.

A digital PDF (Portable Document File) file of this map may be downloaded free of charge from the Yukon Geological Survey website: <http://www.geology.gov.yk.ca>.

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Government of Yukon

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**Yukon Geochemistry Weighted Sums Model and Geology
 for NTS 105M: As (Levelled)
 (1:250 000 scale)**

by

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