










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	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	5				
W-Skarn			3		3						1	3		3					5	1
Porphyry Cu	2	2	1		1			5	3					3						
Intrusive Related Cu-Au	1	2	5				2		1	5		1	2				1		2	
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

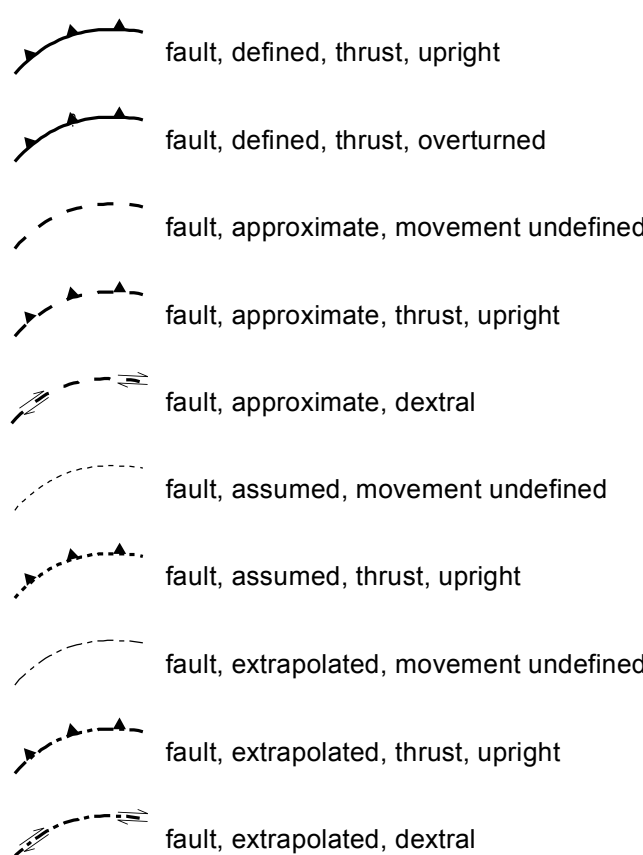
0 - 50%: -3.126 - -0.077, 430 samples
50 - 75%: -0.076 - 0.496, 206 samples
75 - 90%: 0.497 - 1.254, 127 samples
90 - 95%: 1.255 - 1.751, 42 samples
95 - 98%: 1.752 - 2.210, 26 samples
98 - 100%: 2.211 - 6.535, 16 samples

ICG GULL LAKE: dominantly fine clastic assemblage (1) with local volcanic units

ICG1 GULL LAKE: shale, siltstone, and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist (garnet, sillimanite, staurolite, andalusite)

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

PCH1	HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse-grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone, phyllite, quartzfeldspathic, and micaceous psammite, gitty psammite, and minor marble
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)
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
PCH4	HYLAND: quartzite clastic rocks as described in (1), mostly(?) equivalent to (1) but may include younger units

[illegible]

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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HEBERLEIN, D., 2013. Yukon Geochemistry Weighted Sums Model and Geology for NTS 105M: Mo (Levelled). Yukon Geological Survey, Open File 2013-16, 116 sheets. Scale 1:250 000.

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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Energy, Mines and Resources
Government of Yukon

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

by

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