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- LEGEND
- PLEISTOCENE AND RECENT
- 15 (64 TILL) Glacial Till: gravel, sand, silt, lake clay, volcanic ash
- 14 (63 BSLT) Vesicular oliving basalt
- CRETACEOUS AND TERTIARY
UPPER CRETACEOUS OR LOWER TERTIARY
- 13 (56 QZMZ) Seagull and Hake Batholiths and Stocks: biotite leucoquartz monzonite and alaskite
- JURASSIC AND/OR CRETACEOUS
- 12 (52 QZMZ) Cassiar Batholith: mainly biotite monzonite and granodiorite; Ram Stock: biotite-hornblende quartz monzonite and granodiorite, in part sheared, 12a (51 QZMZ) Logjam Stocks: biotite-hornblende quartz monzonite with basic borders, 12b Biotite-muscovite granodiorite
- 11 (51 QRZO) Diorite, granodiorite, quartz diorite, gneiss, hornblende
- 10 (46 DUNT) Ultramafic rocks: olivine-bearing clinopyroxenite, dunite; serpentinitized and metamorphosed equivalents
- PERMIAN TO JURASSIC (?)
- 9 (40 CGLM) Pebble and cobble conglomerate, greywacke, limestone, minor quartzite, chert, 9a (40 AGLM) Andesitic volcanic breccia and tuff, minor lava (?)
- MISSISSIPPIAN
- 8 (34 CHRT) Chert, slate, argillite, hornfels, minor greywacke, limestone, dolomite, skarn, sandy and conglomeratic tuff, quartzite, pebble and cobble conglomerate
- DEVONIAN AND MISSISSIPPIAN
- 7 (30 CHRT) Chert, hornfels, argillite, slate, phyllite, quartzite, skarn, tremolitic marble, dolomite, 7a (30 SCST) Schist and gneiss
- 6 (30 GRNS) Greenstone, chlorite schist, quartzite, phyllite, slate, argillite, chert, 6a (30 ARGL) Argillite, slate, phyllite, chert, grit, conglomerate, quartzite, 6b (30 LMSN) Limestone and dolomite, chert modules, 6c (30 GNSS) Quartz-albite-mica gneiss, albite-actinolite schist
- SILURIAN AND DEVONIAN
- 5 (25 DLMT) Grey and black fetid dolomite underlain by quartzite and dolomitic quartzites; grey-buff dolomite underlain by thin bedded shale; limestone, buff dolomitic siltstone and quartzite
- CAMBRIAN TO SILURIAN
- 4 (14 SLTE) Thin-bedded buff and grey slate, phyllite, limestone, 14a (14 PLLT) Thin-bedded buff and grey phyllite and limestone, black slate, argillite, grey dolomite, dolomitic limestone, 14c (14 HRFL) Hornfels, limestone, skarn
- CAMBRIAN
LOWER CAMBRIAN
- 3 (10 LMSN) Grey limestone, minor dolomite, slate and phyllite, minor grey and green argillite, dolomite, 3a (10 MRBL) Marble, skarn
- CAMBRIAN AND (?) EARLIER
- 2 (11 QRTZ) Quartzite, minor slate and phyllite, quartz grit and fine pebble conglomerate, 2a (11 PLLT) Phyllite, minor slate, hornfels
- Probably Metamorphic Equivalents of 2
- 1 (11 BSCS) Biotite, schist and quartzite, 1a (11 MRBL) Marble and skarn; also contains sills, dykes and irregular bodies of pegmatite, gneiss

*A four letter mnemonic name recorded as rock type and a two digit number recorded as age as part of field observations

Geological boundary.....
Fault.....
No analytical result.....*

This legend was modified and the geology derived for this geochemical map from Geological Survey of Canada, Map 10-1966 and 2116

Geological Survey of Canada
Resource Geophysics and Geochemistry Division

CONTRACTORS

Sample collection by BEMA Ltd.
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Other sediment chemical analyses by Chemex Labs Ltd.
Water chemical analyses by Barringer Magenta Ltd.

This map forms one of a series of 45 maps released by the Geological Survey of Canada, Open Files 563, 564 and 565. Each Open File consists of maps for 12 elements for lake sediments, 1 element for lake waters, and 1 each for sample site locations, sediment loss on ignition, and water pH.

SILVER (ppm)
OPEN FILE 563

SOUTHERN YUKON TERRITORY 1978