



105 M - MAYO

YUKON MINFILE - MINERAL OCCURRENCE MAP

Scale 1: 250 000



CONTOUR INTERVAL 500 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection
Ten Thousand Metre Universal Transverse Mercator Grid
ZONE 8

Magnetic declination 1970 varies from 33°15' easterly
at centre of west edge to 34°02' easterly at centre of
east edge. Mean annual change decreasing 4.2°.

138°				132°
65°				65°
	116 A	106 D	106 C	
	115 P	105 M	105 N	
	115 I	105 L	105 K	
62°				62°
138°				132°

INDEX TO ADJOINING MINFILE MAPS

MINFILE STATUS:

- ★ Unknown
- Anomaly
- ▼ Showing
- ▲ Deposit
- ◆ Prospect
- ⊙ Drilled Prospect
- ⊗ Underground Past Producer
- ⊙ Open Pit Past Producer
- Placer Occurrences

MINFILE NAMES (Major Commodities - Deposit Type):

- 001 UNITED KENO HILL (Ag, Pb, Zn - vein)
- 002 FAITH (Ag, Pb - vein)
- 003 DUNCAN (Ag, Pb - vein)
- 004 GOLDEN QUEEN (Ag, Pb - vein)
- 005 SILVER BASIN (Pb, Ag, Au - vein)
- 006 NABOB (Ag, Pb - vein)
- 007 MONUMENT (Ag, Pb - vein)
- 008 COMSTOCK (Ag, Pb - vein)
- 009 APEX (Ag, Pb, Zn - vein)
- 010 VANGUARD (Ag, Pb - vein)
- 011 HOMESTAKE (Ag, Pb - vein)
- 012 CHRISTINE (Ag, Pb - vein)
- 013 MO (Pb, Ag - vein)
- 014 MAYBRUN (Ag, Pb, Zn - vein)
- 015 HOGAN (Ag, Pb - vein)
- 016 RUNER (Ag, Pb - vein)
- 017 WERNECKE (Ag, Pb, Zn - vein)
- 018 FORMO (Ag, Pb, Zn - vein)
- 019 NOMAD (unknown)
- 020 PADDY (Ag, Pb, Zn - vein)
- 021 EAGLE (Ag, Pb, Zn - vein)
- 022 FISHER (Pb, Zn, Ag - vein)
- 023 PARENT (unknown)
- 024 CREAM AND JEAN (Pb, Zn, Ag - vein)
- 025 NORD (Ag, Pb - vein)
- 026 GERLITZKI (Ag, Pb, Zn - vein)
- 027 TITAN (Ag, Pb - vein)
- 028 SHANGHAI (Ag, Pb, Zn - vein)
- 029 WAYNE (Ag, Pb, Zn, Au, W - vein)
- 030 ARGENT (unknown)
- 031 STREBCHUK (Sn, Ag, Pb, W - vein)
- 032 MT HALDANE (Ag, Pb, Zn - vein)
- 033 LAYSIER (Ag, Pb - vein)
- 034 COBALT (Ag, Pb - vein)
- 035 PATTERSON (unknown)
- 036 ETTA (unknown)
- 037 GORDON (Sb, Ag - vein)
- 038 TWO BUTTES (W - porphyry)
- 039 SIDE SLIP (Cu - porphyry)
- 040 GREAT HORN (W, Cu, Zn - skarn)
- 041 RAM (unknown)
- 042 HOTSPRING (Ag, Pb - vein)
- 043 LOST WERNECKE COPPER (Cu - unknown)
- 044 ROOP (W - skarn)
- 045 ABLE (unknown)
- 046 MOON (Ag, Pb - vein)
- 047 MT ALBERT (Ag, Pb - vein)
- 048 MCKIM (Ag, Pb - vein)
- 049 VACA (unknown)
- 050 NERO (Ag, Pb, Zn - vein)
- 051 FRIESEN (Cu, W - skarn)
- 052 MT HINTON (Au, Ag - vein)
- 053 AVENUE (Ag, Pb - vein)
- 054 CHANCE (Sb - vein)
- 055 YONO (Ag, Pb - vein)
- 056 SUNDOWN (Ag, Pb - vein)
- 057 GUSTAVUS (Ag, Pb - vein)
- 058 HALFWAY (unknown)
- 059 RANKIN (unknown)
- 060 NEWRY (skarn)
- 061 CHRISTAL (Ag, Pb, Zn - vein)
- 062 SEGSWORTH (Ag, Pb, Zn - vein)
- 063 IRON CLAD (Ag, Pb, Zn - vein)
- 064 WALLINGHAM (unknown)
- 065 NADAR (unknown)
- 066 KALZAS (W, Sn - vein)
- 067 CORKEY (unknown)
- 068 WEASEL (unknown)
- 069 GAMBLER (Ag, Pb - vein)
- 070 HAVRENAK (Au, Pb - vein)
- 071 DRILL (W - vein)
- 072 BELEY (Zn - vein)
- 073 BEMA (Au, Ag - vein)
- 074 BIRGIT (unknown)
- 075 WHITEMAN (unknown)
- 076 GOLDROCK (unknown)
- 077 T-BIRD (unknown)
- 078 FEED (unknown)
- 079 TINY ISLAND (Ba - sedex)
- 080 GORDEY (Ba - sedex)
- 081 STEVEN (unknown)

MINING DISTRICT: Mayo

BASEMAP FEATURES:

- ✈ Airstrip (Status Unknown)
- ★ Heritage Sites
- ✈ Seaplane Base
- 🏰 Tower
- 🏠 Building
- 🏠 Built-Up Area
- 🏠 Campground
- 🏠 Tailings
- Highway
- 2 Wheel Drive
- 4 Wheel Drive
- Trail
- Winter Trail
- Other
- Transmission Line
- Esker
- Mining District Boundary
- Map Notation Boundary

PARKS AND SPECIAL MANAGEMENT AREAS:

- Special Management Area (SMA) boundary - SMA temporarily withdrawn until expiry date listed below:
 - Dudhwa Ghro Habitat Protection Area - O.I.C. #2000-1136 expires August 31, 2005
 - Horseshoe Slough Habitat Protection Area - O.I.C. #1996-1851 expires December 31, 2001

FIRST NATIONS SETTLEMENT LANDS:

- Category A Lands
(First Nation has ownership of surface and subsurface)

- Category B Lands
(First Nation has ownership of surface only)

- Site Specific Settlement Lands - area too small to be shown at this scale.
(For category designation, see individual First Nation Final Agreement)

TRADITIONAL TERRITORIES:

- SK Selkirk First Nation
- NND First Nation of Na Cho Nyak Dun

GENERALIZED GEOLOGY:

POST-TERRANE AMALGAMATION/ACCRETION UNITS:

PLUTONIC:

- mPk - mid-Cretaceous post-accretion plutons

SEDIMENTARY / VOLCANIC:

- Qs - Quaternary cover beneath which terrane boundaries cannot be extended with confidence

CRATON MARGIN:

- NA - ANCESTRAL NORTH AMERICA: Lower Proterozoic to Carboniferous passive and offshore continental margin sedimentary rocks, Devonian to Carboniferous clastic wedges and Pennsylvanian to Jurassic-Cretaceous continental margin prism

TERRANES:

PERICRATONIC: rocks possess elements of passive margin sedimentation but differ in stratigraphic or structural characteristics from the ancestral North American margin

- YTNA - NASINA SUBTERRANE: Metamorphosed early(?) to mid-Paleozoic continental margin with superposed Late Devonian and Early Mississippian arc volcanic (= Nasina assemblage) and plutonic (YTp) rocks

DATA SOURCES:

MINFILE: Deklerk, R. (compiler). Yukon MINFILE 2003 - A database of mineral occurrences (CD-ROM). Yukon Geological Survey, Energy, Mines and Resources, Yukon Government.

GEOLOGY: Gordey, S.P. and Makepeace, A.J. (comp.), 1999. Yukon digital geology. Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1999-1(D), 2 CD-ROMs.

FIRST NATIONS SETTLEMENT LANDS: Land Status Implementation, Land Resources, Yukon, Indian and Northern Affairs Canada; and Renewable Resources, Yukon Government.

PARKS & SPECIAL MANAGEMENT AREAS: Renewable Resources, Yukon Government.

HERITAGE SITES: Heritage Branch, Yukon Government; and Forest Resources, Yukon, Indian and Northern Affairs Canada.

TOPOGRAPHIC BASE: Natural Resources Canada; Renewable Resources, Yukon Government; and Land Information Management System, Yukon Government.

RECOMMENDED CITATION:

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Map compilation, digital cartography and updates by P.S. Lipovsky, Yukon Geological Survey.

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

Paper copies of this map may be purchased from Geoscience Information and Sales, c/o Whitehorse Mining Recorder, Energy, Mines and Resources, Yukon Government, P.O. Box 2703 (K-102), Whitehorse, Yukon, Y1A 2C6, Ph: (867) 667-5200; Fax: (867) 667-5150, Email: geosales@gov.yk.ca.

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Yukon Geological Survey
Energy, Mines and Resources
Yukon Government

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NOTE: This map is issued as a preliminary guide only and is not intended to be used for navigation or to define legal boundaries. The map was produced by compiling data from various sources, and no responsibility will be taken by the Yukon Geological Survey for any errors, inaccuracies or omissions whatsoever.