



Occurrence Details

Occurrence Number: 115G 079

Occurrence Name: Rhyolite

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 7/6/2025 12:56:31 PM

General Information

Secondary Commodities: copper, molybdenum

Deposit Type(s): Porphyry Cu-Mo-Au

Location(s): 61°50'51" N - -138°30'27" W

NTS Mapsheet(s): 115G15

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as 217 Max cl (Y52929) in Jun/70 by Atlas EL, which performed mapping, grid soil sampling, hand trenching, and a mag survey later in the year. The claims were optioned in early 1971 by Imperial OL, which conducted an IP survey and drilled 4 holes (457.5 m) later in the year. The ownership of the Max claims was shown in 1972 as Dynasty-48%, Atlas-32%, and Imperial Oil-20%.

In Oct/71, Occidental Mls Corp L staked 113 Oni cl (Y63026) adjoining the Max group on the west and explored them by grid soil sampling and geological mapping in 1972. In 1975, Atlas changed its name to Cima Res L and transferred its interest.

Capsule Geology

Claims cover the contact of a small batholith of Nisling Range alaskite, which cuts quartzite, gneiss and marble. Three phases of the intrusion are present: quartz monzonite, porphyritic alaskite with felsite dykes, and mafic dykes.

Molybdenum occurs in quartz veins and as minor disseminations in the westernmost of two quartz monzonite plugs, and as rosettes in quartz veins cutting quartzite. Chalcopyrite occurs with pyrite and pyrrhotite in breccia pockets in quartzite and in felsite dykes, and with molybdenite in quartz monzonite. Grab samples of quartz monzonite assayed 0.03% Cu and 0.09% Mo and metasedimentary rocks assayed 0.31% Cu and 0.003% Mo.

References

ATLAS EXPLORATION COMPANY LTD, 1970. Assessment Report *#060197 by D. Brabec, D. Francis and G.H.K. Pearse.

CANADIAN OCCIDENTAL PETROLEUM LTD, 1972. Assessment Report *#060998 by C.F. Gleeson and J.T. Neelands.

IMPERIAL OIL ENTERPRISES LTD, 1971. Assessment Report *#060990 by P.E. Walcott.

IMPERIAL OIL ENTERPRISES LTD, 1971. Assessment Report *#060991 by F.R. Hassard and C.M. Trigg.

IMPERIAL OIL ENTERPRISES LTD, Apr/72. Assessment Report *#091322 by F.R. Hassard.

MINERAL INDUSTRY REPORT 1969-70, p. 106-107; 1971-72, p. 83, 87-88.

Work History

Date	Work Type	Comment
12/31/1972	Geology	
12/31/1972	Geochemistry	
12/31/1971	Drilling	Four holes, 457.5 m.
12/31/1971	Ground Geophysics	
12/31/1970	Geology	
12/31/1970	Geochemistry	
12/31/1970	Ground Geophysics	
12/31/1970	Trenching	

Related References

Number	Title	Page(s)	Reference Type	Document Type
APMC013	Mineralogical maps of Woodcock showing copper and tungsten - 115-G-16 - NE corner Klina Sheet - with Property File			

ARMC013_119	Regional geochemical maps of Yuccacock showing copper and tungsten - 115-G-16 - Max group - Max group	Property File Collection	Geochemical Map
ARMC013_090	Geological air photo overlay of Max group	Property File Collection	Geoscience Map (General)
ARMC013_103	Tables and charts of barometric pressure variation at base camp and base camp altimeter control - Max group	Property File Collection	Miscellaneous Company Documents
ARMC013_113	Geology map - Preliminary map of grid area by pace and compass methods - Victor project - Max group	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013_111	Air photo overlays, field notes and sketch maps of 115-G-16 - Victor OEX	Property File Collection	Geoscience Map (General)
ARMC013_115	Notes and geochemical logs	Property File Collection	Miscellaneous Company Documents
ARMC013_088	Sketch map of Max showing proposed drill hole sites and geochemical survey	Property File Collection	Geoscience Map (General)
ARMC013_089	Sketch map showing geology - Max No. 2	Property File Collection	Geoscience Map (General)
ARMC013_109	Map of Redtail Lake and Rhyolite Creek areas with geology notations - Aeromagnetic series map 4329G & 4315G	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013_084	Map of Redtail Lake area with geochemical results and locations - Aeromagnetic series map 4315G	Property File Collection	Geochemical Map
ARMC013_108	Map of Rhyolite Creek area with geochemical results and locations - Aeromagnetic series map 4329G	Property File Collection	Geochemical Map
ARMC013_116	Map of Rhyolite Creek area with geochemical results and locations - Aeromagnetic series map 4329G	Property File Collection	Geochemical Map
ARMC013_114	Map of Rhyolite Creek area with geology notations - Aeromagnetic series map 4329G	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013_105	Key map - Max group	Property File Collection	Geoscience Map (General)
ARMC013_112	Progress report for month of June - Victor project - Max group	Property File Collection	Report
ARMC013_106	G.S.C. annual report - Max - 217 claims	Property File Collection	Report
ARMC013_107	Compilation map - Max group - Victor project	Property File Collection	Geoscience Map (General)
ARMC013_104	Geology - Max No.2 grid - Victor project	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013_091	Geochemical values map - Max group - Victor project - Grid No. 1	Property File Collection	Geochemical Map
ARMC020_501	Field notes - Magnetometer survey (Grid #3), field sampling and geological mapping - Max claim group	Property File Collection	Miscellaneous Company Documents
ARMC020_520	Field notes - Air photo A13491-26 - 115G-16 - Rhyolite Creek	Property File Collection	Miscellaneous Company Documents
ARMC013_118	Geochemical assay certificate - Max	Property File Collection	Assays
ARMC013_098	Correspondence Re: Max group	Property File Collection	Miscellaneous Company Documents
ARMC013_097	Correspondence Re: Max group with petrographic descriptions on thin sections	Property File Collection	Miscellaneous Company Documents
ARMC013_094	Exploration progress August 1 to August 31, 1971 - Max group, Yukon Territory	Property File Collection	Report
ARMC013_095	Exploration progress July 1 to July 31, 1971 - Max group, Yukon Territory	Property File Collection	Report
ARMC013_096	Exploration progress June 1 to June 30, 1971 - Max group, Yukon Territory	Property File Collection	Report
ARMC013_117	Assay certificates - File No. 6050-5, 6144-1, 6153-2, 6169-1, 6199-1 - Max group	Property File Collection	Assays
ARMC013_093	Exploration progress September 1 to September 30, 1971 - Max group, Yukon Territory	Property File Collection	Report
ARMC013_110	Field map of Detail area No.1 - 115-G-16 with geochemical results and notations	Property File Collection	Geochemical Map
ARMC013_099	Field notes - Altimeter survey, Grid #3 - Max group	Property File Collection	Miscellaneous Company Documents
ARMC013_100	Field notes - Diurnal Corr charts - Max group - Grid 3	Property File Collection	Miscellaneous Company Documents
ARMC013_102	Field notes - Geochemical sample location index and silt samples - Max group, Victor OEX	Property File Collection	Miscellaneous Company Documents
ARMC013_101	Field notes - Grid control, and notes on intersection of C/L 68 with C/L 30N - Max group	Property File Collection	Miscellaneous Company Documents

<u>ARMC013 086</u>	Field notes, air photo overlays, and sketch maps - 115-G-15	Property File Collection	Miscellaneous Company Documents
<u>ARMC013 087</u>	Field notes, air photo overlays, and sketch maps - 115-G-15 - Max	Property File Collection	Miscellaneous Company Documents