



Occurrence Details

Occurrence Number: 115G 079
Occurrence Name: Rhyolite
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 5:58:44 AM

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 009% 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
ADMC013	Regional geochemical maps of Woodcock showing copper and tungsten - 115G-16 - NE corner Klondike Sheet - with		Property File	

ARMC013-119	Regional geochemical maps of Woodcock showing copper and tungsten - 115-G-16 - NE corner Nature Street - with correspondence from J.S. Brock		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

ARMC013086	Field notes, air photo overlays, and sketch maps - 115-G-15		Property File Collection	Miscellaneous Company Documents
ARMC013087	Field notes, air photo overlays, and sketch maps - 115-G-15 - Max		Property File Collection	Miscellaneous Company Documents