



Occurrence Details

Occurrence Number: 105L 039

Occurrence Name: Alphabet

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 7:47:25 AM

General Information

Secondary Commodities: copper, lead, zinc

Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)

Location(s): 62°32'11" N - -134°4'17" W

NTS Mapsheet(s): 105L09

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as A & B cl (Y98930) in Jun-Nov/75 by Karma Ventures Inc. (Swim Lake ML), which conducted a gravity survey later in 1975 and mapping and geochem surveys in 1976 before optioning the property to Can. Natural Res L, which drilled 2 holes (420 m) on claims A2 and B2 in 1977. Anvil-Fishhook JV (Amax Potash L, Aquitaine & Union OL) tied on over 200 AM cl (YA4830) to cover airborne EM & mag anomalies in Aug/76, performed linecutting, geochem and EM surveys in 1976, conducted gravity surveys and enlarged the property with BM & PM cl in 1977, and explored with max-min, mag and grid geochem surveys in 1978, gravity and Turanm surveys in 1979, and 7 holes (1073 m) in 1980.

Capsule Geology

The claims are underlain by northwest-striking Cambro-Ordovician phyllite, calcsilicate and metabasite. Phyllite in the northeastern part contains quartz-graphite and sericite-graphite members with minor pyrite and pyrrhotite. Hole 2, which was drilled in 1977 to test a zinc soil anomaly, encountered about 1% pyrite, pyrrhotite, arsenopyrite, chalcopyrite and sphalerite in quartz-sericite phyllite with graphitic and biotitic horizons.

The 1980 drillholes tested EM anomalies and intersected phyllite, sericite schist and quartz- biotite-andalusite schist. Three holes near the east end of the AM claims encountered 1 to 2% pyrite and pyrrhotite plus rare chalcopyrite in all rock types, while 4 holes at the west end cut rocks with little sulphide except for a few horizons containing up to 10% pyrrhotite with minor pyrite and traces of chalcopyrite. The best assays were 1155 ppm Zn over 1.5 m in Hole 4 and 1660 ppm Pb over 0.3 m in Hole 7.

References

AMAX POTASH LTD, 1977. Assessment Report *#090222 by J.L. Lebel.

AMAX POTASH LTD, Aug/78. Assessment Report #090408 by A.C. Hitchins and R.G. Kidlark.

AMAX POTASH LTD, 1978. Assessment Report *#061790 by C.A. Ager.

AMAX POTASH LTD, 1978. Assessment Report *#090340 by C.A. Ager and A.C. Hitchins.

AMAX POTASH LTD, 1978. Assessment Report *#090401 by J.L. Lebel.

AMAX OF CANADA LTD and UNION OIL OF CANADA LTD, Sep/80. Assessment Report *#090825 by R.A. Zinn and W. Brereton.

CANADIAN NATURAL RESOURCES LTD, Aug/77. Assessment Report *#091267 by S. Reamsbottom.

MINERAL INDUSTRY REPORT 1975, p. 127; 1976, p. 163-164; 1977, p. 68-69; 1978, p. 45.

SWIM LAKE MINES LTD, 1975. Assessment Report *#090090 by R.E. Arsenault and J.R. Galeski.

SWIM LAKE MINES LTD, Aug/77. Assessment Report #090157 by G. Gutrath.

UNION OIL COMPANY OF CANADA LTD, Oct/79. Assessment Report *#090506 by A.J. Wynne and J.P. Hawkins.

YUKON EXPLORATION AND GEOLOGY 1981, p. 155-156.

Work History

Date	Work Type	Comment
12/31/1980	Drilling	Seven holes, 1.073 m.
12/31/1979	Ground Geophysics	Also Turan survey.
12/31/1978	Geochemistry	
12/31/1978	Ground Geophysics	Also Max-Min survey.

12/31/1977	Ground Geophysics	
12/31/1977	Drilling	Two holes, 420 m.
12/31/1976	Geochemistry	
12/31/1976	Airborne Geophysics	Also magnetic survey.
12/31/1975	Ground Geophysics	
12/13/1976	Ground Geophysics	Also magnetic survey.
12/13/1975	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
061790	1978	Orthophotos for the Lu, Tay, AM, EM, PM group of claims	Orthophoto - Airphotography		
090408	1978	1978 Geological and Geochemical Assessment Report - Fishook Creek Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Backhoe - Trenching		
091267	1977	[Diamond drill core log] / Canadian Natural Resources Ltd. - Tay Mountain	Diamond - Drilling, Drill Core - Geochemistry	2	349.90
090157	1976	Geological and Geochemical Report on the A and B Claim Groups Tay Mountain Area	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
090090	1975	Gravity Survey Report on A Claim Group Tay Mountain Area	Reverse Circulation - Airborne Geophysics		
060108	1972	Anvil Project-1972 Season	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016357	Regional geochem survey - Copper contour map - Tummel Basin - Drawing No. 1		Property File Collection	Geochemical Map
ARMC008072	Regional geochem survey map - Tummel Basin - Map 1 of 2		Property File Collection	Geochemical Map
ARMC008125	Tummel Basin geochemical survey map - Cu-Pb-Zn contours - Map 1-3, Sheet 3 - Menzie Creek		Property File Collection	Geochemical Map
ARMC008127	Regional geochem survey map - Showing sample dates - Tummel Basin - Map 1 of 2		Property File Collection	Geochemical Map
ARMC016356	Regional geochem survey - Cu, Pb, Zn results - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map
ARMC016359	Regional geochem survey - Lead contour map - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map
ARMC016358	Regional geochem survey - Zinc contour map - Tummel Basin - Drawing No. 3		Property File Collection	Geochemical Map