



Occurrence Details

Occurrence Number: 105L 041

Occurrence Name: Kelly

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 7:47:26 AM

General Information

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

Location(s): 62°47'22" N - -134°59'48" W

NTS Mapsheet(s): 105L15

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Gun cl (Y9429) in Jun/66, following airborne mag and EM surveys by Conwest EL, which explored with prospecting, limited geochemical and geophysical surveys and 3 holes (340.2 m) later in the year.

Restaked as part of a block of 1070 Sue cl (Y80651) in Sep/74 by a syndicate of Conwest companies (Chimo Gold ML, Cons Can Faraday and Int Mogul ML) and Teck Corp. Seaforth ML tied on Mac and Oz cl (Y91435) to the southeast in Oct/74. Essex Mls L (U.S. Steel) acquired the Teck interest in Jan/75 and formed the Macmillan JV which performed lake bottom sediment sampling and extensive linecutting (bulldozer), mag, EM and gravity surveys in 1975, 1976 and 1977. Macmillan JV drilled one hole (194.2 m) 0.8 km to the west on claim 453 and one hole (135.9 m) 1.6 km to the east on claim 201 in 1978.

The Conwest syndicate interest was acquired early in 1980 by Getty ML, which added more claims and performed geochem, geophysical and linecutting in 1981, and soil sampling, linecutting and diamond drilling in 1984.

The Sue claims were abandoned and restaked as Clear cl (YB25815) in Jun/89 by Total Energold Corp, a wholly owned subsidiary of Total Erickson Resources Ltd. In 1991, the property was optioned to Mitsui Kinzoku Resources of Canada Inc., a wholly owned subsidiary of Mitsui Mining and Smelting Co. Ltd, as part of a large claim block associated with the Clear Lake deposit (Minfile 105L 045). Work on the Clear Lake property in 1991 consisted of 4588.2 m of diamond drilling in 19 holes, gravity and IP surveys, mapping, trenching and soil sampling, and further geological, geochemical and geophysical surveys were carried out in 1992.

The Clear and Sue claims were transferred to Energold Minerals Inc. in Nov/92. Several of these claims were transferred to Mitsui Kinzoku Resources of Canada in April/93. In 1993, Mitsui Kinzoku Resources and Energold Minerals Inc. explored the Clear Lake property with gravity and magnetometer surveys, auger assisted soil sampling, rock chip sampling, geological mapping and six diamond drill holes totalling 1364 m.

Capsule Geology

The claims are situated in a wide, flat, largely overburden-covered valley along the Tintina Fault. The 1966 holes cut Cambro-Ordovician phyllitic limestone and intercalated graphitic phyllite, covered by 8 to 20 m of overburden. Traces of pyrite and pyrrhotite were noted in graphitic sections. The area of interest is 1000 by 1500 m and is marked by lead and zinc soil anomalies that coincide with an EM conductor.

References

ENERGOLD MINERALS INC., Dec/93. Assessment Report #093145 by H.W. Sellmer et al.

MACMILLAN JOINT VENTURE, Aug/81. Assessment Report #090851 by C.W. Payne.

MINERAL INDUSTRY REPORT, 1975, p. 129; 1976, p. 164; 1977, p. 69; 1978, p. 45-46.

Work History

Date	Work Type	Comment
12/31/1991	Ground Geophysics	Also IP survey.
12/31/1991	Geochemistry	
12/31/1984	Drilling	One hole, 457.2 m.
12/31/1984	Geochemistry	
12/31/1984	Other	
12/31/1981	Geochemistry	
12/31/1981	Ground Geophysics	Maxmin survey.
12/31/1981	Other	
12/31/1978	Drilling	Two holes, 330.1 m.
12/31/1977	Ground Geophysics	Also magnetic and gravity surveys.
12/31/1976	Ground Geophysics	Also magnetic and gravity surveys.

12/31/1975	Geochemistry	
12/31/1975	Ground Geophysics	Also magnetic and gravity surveys.
12/31/1966	Drilling	Three holes, 340.2 m.
12/31/1966	Geochemistry	
12/31/1966	Airborne Geophysics	Also magnetometer survey.
12/31/1966	Other	
12/13/1993	Ground Geophysics	Also magnetic survey.
12/13/1993	Drilling	Six holes, 1,364 m.
12/13/1993	Geochemistry	Also rock sampling.
12/13/1992	Ground Geophysics	Also IP magnetics.
12/13/1992	Drilling	Ten holes, 3,100 m.
12/13/1992	Geology	
12/13/1992	Geochemistry	
12/13/1981	Geology	
12/13/1966	Ground Geophysics	Also magnetometer survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
091036	1981	Macmillan Joint Venture Assessment Report - Aerial Photography, Orthophoto and Line Maps Report	Orthophoto - Airphotography		
090213	1977	Gravity Survey and Interpretation in the Sue Claim Group, Yukon Territory	Gravity Survey - Ground Geophysics, Process/Interpret - Pre-existing Data		
090125	1976	Gravity Survey and Interpretation in the Sue Claim Group, Yukon Territory	Gravity Survey - Ground Geophysics, Process/Interpret - Pre-existing Data		
090011	1975	Macmillan Joint Venture Progress Report Number 1 Geophysical Surveys February - May 1975	Winter Road - Development, Surface, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Photogrammetry - Remote Sensing, Mechanical - Trenching		

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
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
ARMC016340	Geochemical survey Cu, Pb, Zn contours - Tummel Basin - Map 1-1 - 105-L-15		Property File Collection	Geochemical Map