



Occurrence Details

Occurrence Number: 115G 019
Occurrence Name: Jaquot
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/28/2025 7:38:54 PM

General Information

Secondary Commodities: copper, gold, silver
Deposit Type(s): Ultramafic Mafic Gabbroid Cu-Ni-PGE
Location(s): 61°24'33" N - -139°19'4" W
NTS Mapsheet(s): 115G06
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Discovered between 1904 and 1914 by the Jacquot Brothers, who explored by hand trenching. Restaked as Kluane cl (4466) in Nov/44 by L. Jacquot, as Kluane cl (60733) in May/52 by Yukon Mg CL, and as Teddy & Mary cl (92626) in Aug/65 by Alice Lake ML. Newmont staked the Go cl (Y10833) on the south side in Nov/66 following release of GSC aeromagnetic maps and prospected and sampled the claims in 1967. Alice Lake conducted trenching in 1966, EM surveys in 1968 and 1969, and drilled 6 holes (309.4 m) in 1968 and 7 holes (314.6 m) in 1970. Restaked as Bornite cl (Y80246) in Aug/74 and Roda cl (YA3647) in Sep/75 by O. Rothbauer.

Capsule Geology

Numerous minor showings of bornite with minor chalcopyrite and chalcocite occur in amygdaloidal metabasalt of the Upper Triassic Nikolai Greenstone. A sample by the GSC in 1914 assayed 33.1% Cu and trace Au and Ag across 45 cm. A sample across 40 cm by Morrison, visually estimated at 30% Cu, assayed trace Au and 329.1 g/t Ag. Only a trace of malachite and native copper was found in the 1970 drilling.

References

ALICE LAKE MINES LTD, Dec/65. Prospectus Report by A.R. Allen.

ALICE LAKE MINES LTD, Aug/67. Prospectus Report by L.G. Morrison.

ALICE LAKE MINES LTD, 1967. Assessment Report *#019067 by P.E. Walcott.

ALICE LAKE MINES LTD, 1973. Assessment Report *#060104 by L.J. Siega.

CAMPBELL, S.W., 1976. Nickel-Copper Sulphide Deposits in the Kluane Ranges, Yukon. DIAND Open File Report, EGS 1976-10.

CAMPBELL, S.W., 1981. Geology and genesis of copper deposits and associated host rocks in and near the Quill Creek area, Southwestern Yukon. Unpublished Ph.D. thesis, University of British Columbia, 1981.

DODDS, C.J., AND CAMPBELL, R.B., 1992. Overview, legend and mineral deposit tabulations for Geological Survey of Canada Open Files 2188, 2189, 2190 and 2191.

GEOLOGICAL SURVEY OF CANADA Open File 381, p. 60-61.

GEOLOGICAL SURVEY OF CANADA Summary Report 1914, p. 31.

MINERAL INDUSTRY REPORT 1969-70, Vol. 1, p. 103.

Work History

| Date | Work Type | Comment |
|------------|-------------------|------------------------------------|
| 12/31/1970 | Drilling | Seven holes, 314.6 m. |
| 12/31/1969 | Ground Geophysics | |
| 12/31/1968 | Drilling | Six holes, 309.4 m. |
| 12/31/1968 | Ground Geophysics | |
| 12/31/1966 | Trenching | |
| 12/31/1914 | Trenching | Carried out between 1904 and 1914. |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|--|--------------------------------|---------------|----------------|
| 019067 | 1967 | A Report on a Ground Electromagnetic Survey | EM - Ground Geophysics | | |
| 092054 | 1953 | Report on the Geophysical Surveys in the Shakwak Valley Area, Yukon Territory for Canalask Nickel Mines Limited. | Magnetic - Airborne Geophysics | | |