



Occurrence Details

Occurrence Number: 105J 008

Occurrence Name: Mt Sheldon

Occurrence Type: Hard-rock

Status: Showing

Date printed: 12/15/2025 1:05:49 PM

General Information

Secondary Commodities: arsenic, bismuth, copper, gold, silver, tellurium, tin, tungsten

Deposit Type(s): Unknown

Location(s): 62°43'6" N - 131°5'29" W

NTS Mapsheet(s): 105J11

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The occurrence was discovered in 1944 by E.D. Kindle of the GSC, who located three gold bearing quartz veins in and near the Mount Sheldon granitic intrusive. In 1990, a GSC released regional stream sediment and water geochemical open file reported anomalous values for a stream sediment sample collected from a creek draining the west slope of Mount Sheldon. In Dec/91 Crysi Exploration Ltd. staked the Sheldon cl 1-48 (YB36641) to explore for a Fort Knox, Alaska, type mineralization. The next year the claims were optioned by Kokanee Explorations Ltd, which prospected, mapped and sampled the property. In 1993 Kokanee Explorations changed its name to Consolidated Ramrod Gold Corporation and conducted a program of lithogeochemical sampling. In 1994 Consolidated Ramrod continued geological mapping and prospecting on the property.

Capsule Geology

Gold occurs with arsenopyrite in quartz veins exposed on the flanks of Mt Sheldon. The showings occur near the contact between clastic rocks of the Ordovician-Silurian Road River Formation and a small stock of Cretaceous biotite granite. Three veins were sampled by the Geological Survey of Canada. On the east side of the mountain, a 60 cm wide quartz vein cutting porphyritic granite is exposed for 15 m. A chip sample containing 5% arsenopyrite assayed 0.51 g/t Au. On the northeast side of the mountain, a chip sample from a 30 by 60 cm area of pyrrhotite in hornfels and limestone assayed 0.2% Cu and trace Au. On the south side of the mountain, a small quartz-arsenopyrite vein in granite assayed 0.69 g/t Au and 0.06% Sn. In 1993, Kokanee Explorations assayed a specimen of quartz-veined megacrystic granite from the east flank of the mountain and obtained 230 ppb Au, 1.4 ppm Ag, 186 ppm As, 6 ppm Bi, 32 ppm W and 0.55 ppm Te. Work carried out by the company in 1994 showed that the best results were obtained from the granitic intrusions. Nine rock samples collected from hornfels adjacent to the granitic intrusive returned background or below detection limits for most elements including gold. A total of 176 rock samples, 54 soil samples and 2 silt samples were collected by Consolidated Ramrod Gold. Eleven of the rock samples, all collected from granite returned values between 272 and 6 167 ppb Au. The samples are mostly megacryst, variably altered, weakly mineralized with arsenopyrite, pyrite, pyrrhotite and chalcopyrite and occasionally cut by quartz vein stockworks.

References

CONSOLIDATED RAMROD GOLD CORPORATION, Mar/94. Assessment Report #093169 by R.A. Doherty and J. vanRanden.

CONSOLIDATED RAMROD GOLD CORPORATION, Dec/94. Assessment Report #093220 by R.A. Doherty and J. vanRanden.

KINDLE, E.D., 1945. Geological Reconnaissance along the Canol Road, from Teslin River to Macmillan Pass, Yukon. Geological Survey of Canada, Paper 45-21, p. 25.

HORNBROOK, E.H.W. et al, 1990. Regional stream sediment and water geochemical data, East-Central Yukon; NTS 105J GSC, Open File 2173.

KOKANEE EXPLORATIONS LTD, Jan/93. Assessment Report #093063 by R.W. Hulstein.

Work History

Date	Work Type	Comment
12/31/1994	Geology	
12/31/1994	Other	
12/31/1993	Other	Really lithogeochemical sampling.
12/31/1992	Geology	
12/31/1992	Other	
12/31/1992	Other	

Assessment Reports that overlap occurrence

Report	Holder	Mature
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Report Number	Year	Title	Worktypes	Holes Drilled	Fields Drilled
093220	1994	Report on the 1994 Geological and Geochemical Assessment Work on the Mount Sheldon Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
093169	1993	Report on the 1993 Geological and Geochemical Assessment Work on the Mount Sheldon Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
093063	1992	Report on the 1992 Geological and Geochemical Assessment Work on the Mount Sheldon Property	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
018941	1968	Hess Project Report 1968 Laforce Lake - Mount Selous Area	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016688	Geochemical results and claim group map - 105J/09 - Ross River		Property File Collection	Geochemical Map
ARMC016686	Geochem samples map - 105J/11 - Sheldon Lake		Property File Collection	Geochemical Map
ARMC016687	Geochem samples map - 105J/11 - Sheldon Lake - With notes on Selwyn project		Property File Collection	Geochemical Map