Occurrence Details

Occurrence Number: 105L 019
Occurrence Name: Stone
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 3:20:44 PM

General Information

Secondary Commodities: lead, silver, zinc
Deposit Type(s): Unknown
Location(s): 62°37'24" N - -134°1'50" W
NTS Mapsheet(s): 105L09
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Stone cl 1-8 (95209) in Dec/65 by Golden Gate Explorations Ltd which carried out airborne magnetometer surveying during Sep/66. Restaked as Kay cl (98192) in Jan/66 by A. Van Bibber, etc.
Restaked as Sue cl (YA74705) in Jul/82 by Kidd Creek Mines Ltd, which carried out grid soil geochemical sampling, horizontal loop EM and magnetometer surveying, geological mapping and hand trenching later in the year. The geophysical surveying was the only work reported on.
Restaked as Evan cl 1-4 (YC08963) in Jul/98 by Atna Resources Ltd, which added Evan cl 5-16 (YC17975) in Jul/99 and carried out geological mapping and geochemical sampling.

Capsule Geology

The occurrence is located in an overburden covered area underlain by chloritic and calcareous phyllite interbedded with cal-silicate hornfels and skarn. While this area has not yet been remapped, recent mapping to the southeast completed by the Yukon Geology Program (Pigage, 2001) suggests that the units in this area are probably correlative with the Upper Proterozoic to Cambrian Mount Mye Formation and the Cambrian to Ordovician Vangorda Formation.
The geophysical surveys delineated a northwest-trending fault, indicated that small folds and faults repeat horizons across the grid, outlined a few coincident magnetic anomalies and EM conductors, and traced magnetite and pyrrhotite-bearing horizons.
Lead-zinc-silver mineralization consisting of fine grained magnetite, sphalerite and galena with lesser amounts of pyrrhotite, chalcopyrite and pyrite occurrs as veinlets, pods and lenses within garnet-actinolite-chlorite silicate hornfels. The style of mineralization present in the area is suggestive of skarn development, although no causative intrusive has yet been identified.
Chip sampling of historical showings and trenches by Atna in 1999 returned 2.1% Zn, 1.5% Pb and 11.9 g/t Ag over 3 m, while grab samples returned values up to 6.1% Zn, 1.7% Pb and 39.8 g/t Ag.

References

ATNA RESOURCES LTD, Jan/2000. Assessment Report #094060 by R.G. Wilson.

GOLDEN GATE EXPLORATIONS LTD, Apr/67. Assessment Report #017480 by J. Sullivan.

KIDD CREEK MINES LTD, May/83. Assessment Report #091457 by G. Hendrickson.

PIGAGE, L.C., 2001. Geological map of Anvil District (NTS 105K/2, 3, 5, 6, 7, 11), central Yukon (1:100 000 scale). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 2001-13.

YUKON EXPLORATION AND GEOLOGY 1983, p. 198.

Work History

Date	Work Type	Comment
12/31/1999	Geology	
12/31/1999	Geochemistry	
12/31/1982	Geology	
12/31/1982	Geochemistry	
12/31/1982	Ground Geophysics	Also VLF-EM survey.
12/31/1982	Trenching	
12/31/1966	Airborne Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
091457	1982	Report on the Ground Geophysical Surveys at the Coward Creek - Sue Claims Prospect	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
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		
017480	1966	Report on an Airborne Magnetometer Survey of the Stone Group of Mineral Claims near Ross River, Y.T.	Magnetic - Airborne Geophysics		