Occurrence Details

Occurrence Number: 115I 085
Occurrence Name: Car
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 4:06:00 AM

General Information

Secondary Commodities: antimony, arsenic, copper, gold, lead, mercury, silver, tungsten
Aliases: Mcdade
Deposit Type(s): Vein & Disseminations Stibnite
Location(s): 62°5'20" N - -137°1'36" W
NTS Mapsheet(s): 115I03
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as the Car cl (Y78765) in May 1974 by the Carmacks Syndicate (Castlemaine EL, Welcome North ML, W.M. Bath Inv L and Ventures West Capital L) and optioned immediately to a joint venture between Western ML, Cream Silver ML and Belmoral ML, which carried out grid soil sampling and a ground magnetic survey later in the year.

G. Dickson re-staked this target as part of a large group including Robert, Nulee, etc cl (YA94679) in May 1986 and performed bulldozer trenching, soil sampling and bedrock mapping between 1986 and 1988.

YES Exploration Syndicate and Olympic Resources Ltd. re-staked the area as Sun cl 1-191 in 2011 and carried out soil sampling and prospecting over the claims, including the Car occurrence.

Regional & Property Geology

The occurrence is located in the Dawson Range within Yukon-Tanana Terrane (YTT). The rocks of the YTT in this region consist of Early Mississipian metamorphic rocks separated into meta-sedimentary and meta-igneous suites (Stroshein, 1998). The meta-sedimentary suite consists of micaceous quartz-feldspar gneiss, schist and quartzite of the Nasina Assemblage with local metamorphosed carbonate noted in the Brown-McDade open pit. The meta-igneous package is comprised of biotite-hornblende feldspar gneiss and coarse-grained granodiorite orthogneiss with lesser amphibolite.

The claims cover a small gamma airborne magnetic anomaly near a contact between Paleozoic(?) Pelly Gneiss Complex quartzite, mica schist and amphibolite metamorphic rocks and a syenite stock. The exploration was directed toward gold-magnetite skarn deposits, but only a weak copper anomaly in the north central part of the original Car claims was found.

Mineralization & Results

Trenching performed by Dickson encountered fresh to argillically altered felsenmeer of rhyolite, dacite and granodiorite (AR 092133). Quartz veinlets from the nearby Lee Zone (MINFILE 115I 086) contain minor stibnite and returned high mercury values (up to 5000 ppb) but low gold and silver assays.

Rock sampling in 2011 by YES Exploration returned non-economic gold values with the highest sample returning 0.018 ppm Au. Gold-in-soil values from 2011 ranged from <0.005 ppm to 0.06 ppm Au.

Work History

Date	Work Type	Comment
12/31/1988	Geology	
12/31/1986	Geology	
12/31/1986	Geochemistry	
12/31/1986	Trenching	
12/31/1986	Other	
12/31/1974	Geochemistry	
12/31/1974	Ground Geophysics	
12/31/1974	Other	
12/13/2011	Geology	
12/13/2011	Geochemistry	
12/13/2011	Other	
12/13/1987	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096080	2011	Assessment Report on the Sun Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
091918	1986	Geological and Geochemical Report on the McDade Property	Interpretation - Airphotography, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Mechanical - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG1998_20	A summary report on the geology of the Brown-McDade gold-silver deposit, Mount Nansen mine area, Yukon		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report Paper