



Occurrence Details

Occurrence Number: 115P 010

Occurrence Name: Ridge

Occurrence Type: Hard-rock

Status: Showing

Date printed: 4/29/2025 4:38:19 AM

General Information

Secondary Commodities: lead, silver, tin, zinc

Aliases: Sterling

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 63°48'25" N - -136°56'34" W

NTS Mapsheet(s): 115P15

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as Sterling cl 1-10 (Y56122) in Aug/71 by the Dawson Syndicate (Silver Standard Mines Ltd and Asarco), which carried out grid soil sampling, EM surveying and drilled 5 holes (239.3 m) during 1971; grid soil sampling and an IP surveying in 1972; and bulldozer trenching in 1973 and 1980. Silver Standard changed its name to Consolidated Silver Standard Mines Ltd in 1984.

Fringe staked to the north as Nel cl 1-64 (YB38242) in Sep/78 by Cominco Ltd which carried out prospecting, geological mapping, soil and rock geochemical sampling in 1979 and IP surveying in 1980.

B. Lueck and R. Wongda staked Far cl 1-64 (YB42003) and Far cl 65-70 (YB29811) to the north in May/93 and optioned them to Farallon Resources Ltd. In July and Aug/93 Farallon carried out reconnaissance smpling on the claims before dropping the option.

Restaked as EFP cl 45-76 (YB42626) in Mar/94 by B. Lueck who carried out detailed soil sampling in the northwestern part of the property on a portion of the Rhosgobel stock (Minfile Occurrence #115P 012) for Thor Explorations Ltd, a company controlled by Lueck. L. Hart restaked the Far cl 1-64 (YB42003) in Dec/94.

Restaked as Alpine cl 1-38 (YC01901) in Aug/99 by S.Ryan, within a block of claims that includes Minfile Occurrence #115P 051 to the west. Ryan added Callum cl 1-4 (YC01939) 1.5 km to the south at the same time and carried out prospecting and geochemical sampling on both claim groups later that year. Ryan staked Callum cl 5-8 (YC02339) to the south in Aug/2000, forming a contiguous block with the previously staked Alpine and Callum claims. Magnetometer surveying and geochemical soil sampling in the central portion of the Alpine claims and on the Callum cl 1-6 was subsequently carried out. VLF-EM surveying of the Callum claims was also carried out at this time.

Capsule Geology

The area is underlain regionally by variably deformed and metamorphosed low to very low-grade metasedimentary rocks of the Yusezyu Formation of the Upper Proterozoic to Lower Cambrian Hyland Group. They are intruded and hornfelsed by unfoliated felsic rocks that range in composition from granite to granodiorite. The majority of felsic intrusions are mid-Cretaceous in age, but work by Murphy and Heon (1994) shows that a Late Cretaceous suite is also present.

Galena and sphalerite occur with pyrite and tourmaline in quartz veins that cut schist and quartzite intruded by small syenite plugs and dykes. A specimen from a flat lying showing in the creek bed to the southwest assayed 219.4 g/t Ag, 16.8% Pb and 3.7% Zn.

Emond and Lynch (1992) obtained a value of 1 600 ppm Sn from a quartz-tourmaline vein on this property.

Farallon Resources Ltd collected 8 rock and 15 soil samples on their two visits to the proeprty. The soil samples returned a high of 50 ppb Au while the rock samples returned a high of 341 pp Au.

Ryan identified replacement style mineralization (?) consisting of massive pyrrhotite and chalcopyrite in calcareous rocks on the central ridge on the Callum claims. A grab sample returned 931 ppb Au and 1 866 ppm Cu. Soil samples collected from the southern portions of the grids established on the Alpine and Callum blocks, revealed anomalously high As (up to 301 ppm) with no values for Au reported for the Alpine grid and anomalous Au (up to 261 ppm) and As (up to 356 ppm) values for the Callum grid. Broad interpretation of the magnetometer surveying in conjunction with field observations possibly suggests that a large intrusive body may underlie the northern part of the claim block.

References

COMINCO LTD, Nov/79. Assessment Report #090512 by L.J. Nagy.

COMINCO LTD, Dec/80. Assessment Report #090720 by I. Jackfish.

EMOND, D.S., 1992. Petrology and geochemistry of tin and tungsten mineralized plutons, McQuesten River Region, Central Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 167-195.

EMOND, D.S., and LYNCH, T., 1992. Geology, mineralogy and geochemistry of tin and tungsten veins, breccias and skarns, McQuesten River region (115P (North) and 105M 13), Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 133-159.

FARALLON RESOURCES LTD, Dec/94. Assessment Report #093312 by G. Gorzynski.

FARALLON RESOURCES LTD, Dec/94. Assessment Report *#093313 by G. Gorzynski.

MINERAL INDUSTRY REPORT, 1978, p. 22-23.

MURPHY, D.C., AND HÉON, D., 1994. Geology and Mineral Occurrences of Sprague Creek Map Area (NTS 115P/15), western Selwyn Basin, Yukon. In: Yukon Exploration and Geology 1993, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 29-46.

MURPHY, D.C., AND HÉON, D., 1996. Geological Map of Sprague Creek Map Area, western Selwyn Basin, Yukon (NTS 115P/15). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-2, scale 1:50 000.

MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105M/13, 14). Exploration and Geological

Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122p.

RYAN, S., Jan/2001. Assessment Report #094166 by S. Ryan.

RYAN, S., Jan/2001. Assessment Report #094178 by S. Ryan.

RYAN, S., Feb/2002. Assessment Report #094279 by S. Ryan.

RYAN, S., Feb/2003. Assessment Report #094401 by S. Ryan.

THOR EXPLORATIONS LTD, Mar/95. Assessment Report #093271 by B.A. Lueck.

THOR EXPLORATIONS LTD, Mar/95. Assessment Report #093310 by B.A. Lueck.

THOR EXPLORATIONS LTD, Mar/95. Assessment Report #093311 by B.A. Lueck.

YUKON EXPLORATION AND GEOLOGY 1981, p. 230; 1999, p. 25.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 278.

Work History

Date	Work Type	Comment
12/31/2000	Geochemistry	
12/31/2000	Ground Geophysics	Also VLF-EM survey.
12/31/1999	Geochemistry	Also soil and silt sampling.
12/31/1999	Other	
12/31/1994	Geochemistry	Wondga carried out minor work on the Far claims.
12/31/1994	Geology	Wondga carried out minor work on the Far claims.
12/31/1980	Trenching	
12/31/1973	Trenching	
12/31/1972	Geochemistry	
12/31/1972	Ground Geophysics	
12/31/1971	Drilling	Five holes, 239.7 m.
12/31/1971	Geochemistry	
12/31/1971	Ground Geophysics	EM survey.
12/31/1971	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096401	2013	Geological and Geochemical Report, Mapping and Soil Surveys on the Mayo Properties	Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Prospecting - Other		
096024	2011	Geochemical and Geophysical Report on the Mahtin Property	Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry, Soil - Geochemistry		
094958	2007	Geochemical Report, Alpine 1-38 Claims, Callum 1-4, Callum 5-8	Soil - Geochemistry		
094401	2001	Geochemical and Geophysical Report, Alpine 1-38 Claims	Soil - Geochemistry, Magnetics - Ground Geophysics, Line Cutting - Other		
094166	1999	Prospecting and Geochemistry Report Alpine 1-38 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		
093937	1998	Geophysical, Geological and Geochemical Assessment Report on the Clear Creek Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Line Cutting - Other		
090796	1980	Geological and Geochemical Surveys Jabberwock Claims 1-24, Jabberwock Claims 31-65	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
090417	1978	Report on Snark Claims 1 to 210	Soil - Geochemistry		
061015	1971	[drill logs for drilling on the Sterling claims]	Diamond - Drilling	5	250.55

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC016644	Geology map - 115P/15 - Sprague Creek		Property File Collection	Geoscience Map (Geological - Bedrock)