



Occurrence Details

Occurrence Number: 105B 022

Occurrence Name: Aurora

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 3:19:14 PM

General Information

Secondary Commodities: gold, lead, manganese, molybdenum, silver, tungsten, zinc

Aliases: Touchdown

Deposit Type(s): Skarn Pb-Zn

Location(s): 60°21'4" N - -130°50'4" W

NTS Mapsheet(s): 105B07

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

First staked as Bender, Moly, Moose and Aurora cl (57458) in Aug/47 by Great Northern Exploration Company Ltd, headed by Dr F.W. Galbraith of the University of Arizona, which explored with hand trenching in 1948. Restaked as Dual cl (77337) in Feb/62 by Dualco Exploration Ltd (Leitch, Highland Bell, Area Mines Ltd, Dome Mines Ltd, Ventures Ltd and Lake Expanse Gold Mine Ltd), and as the El Capitan cl 1-20 by J. Kubiak (Y13583) in Aug/66.

Restaked as Twilite cl 1-6 (Y19006) in Aug/67 by Union Carbide Mining Ltd. Pacific Giant Steel Ores Ltd staked a separate showing about 1 km to the northeast as the YS cl 1-6 and 12-13 (Y19114) several weeks later. In Sep/68 J. Babwick staked Blacky cl 1-8 (Y28100) in the area. Babwick transferred the claims to Cro-Mur Mining and Explorations Ltd in May/69. No significant work was done by any of the companies.

Restaked as the Lampoon cl 1-8 (Y64562) in Jul/72 by Wolf Lake Joint Venture (Rayrock Mines Ltd, Ashland Oil Canada Ltd and Canadian Industrial Gas & Oil Ltd), which carried out grid soil sampling and detailed mapping in August. Restaked as C. Silver cl (Y74639) in Mar/74 by E. Brodhaugen.

Restaked as Ringo cl 1-8 (YA55951) in Aug/80 by Alex Black and transferred to B.A. Copper Mines Ltd, which performed soil sampling in 1981. Archer, Cathro & Assoc added Pinesol cl 1-16 (YA58289) to the north in May/81 and performed a brief examination. B.A. Copper changed its name to B.A. Resources Ltd, staked Ringo cl 9-12 (YA69128) and explored with trenching in 1982. In 1983 the company staked Ringo cl 13-26 (YA70234) and carried out soil sampling and further trenching. The following year the company carried out VLF-EM and self potential geophysical surveys before optioning the property to West-Mar Resources Ltd in 1988. B. Ernewein staked Hit cl 1-4 and Ber cl 1-3 (YA91545) 2 km to the southwest in Sep/86. West-Mar Resources Ltd purchased 50% of the property and performed trenching and geological mapping in 1989.

Restaked as Touchdown cl 1-30 (YB60062) by Nordac Resources Ltd in Jul/95. Nordac carried out two days of prospecting in Sep/95. In Feb/96 the company staked Touchdown cl 31-70 (YB75546) which the company explored with geological mapping, prospecting and grid soil sampling during the 1996 field season. The company added Touchdown cl 71-74 (YB91568) in Aug/98 and explored that year with geological mapping, prospecting, grid soil sampling and hand trenching.

Nordac Resources Ltd reorganized in Jun/01 and changed its name to Strategic Metals Ltd. Strategic carried out a small geological mapping, hand trenching and sampling program in 2002.

Capsule Geology

Garnet-diopside skarn has developed in narrow limestone lenses within a sedimentary sequence of Lower Cambrian age along the contact of the mid-Cretaceous Cassiar Batholith. The skarns contain disseminated scheelite, molybdenite and chalcopyrite and are occasionally cut by narrow, discontinuous veinlets of galena, sphalerite and chalcopyrite. Pacific Giant Steel traced a narrow lead-zinc vein for a length of 7.6 m. A chip sample across 0.8 m assayed 12.2% Pb, 6.6% Zn, 92.6 g/t Ag and 0.34 g/t Au.

West-Mar mapped a major north-trending fault which bisects the property. Previous soil geochemical anomalies appear to be related to this fault. Samples of massive sphalerite with minor galena, chalcopyrite and pyrite were collected by West-Mar from a manganese-stained quartz vein cutting sheared quartz monzonite along the fault. The samples contained up to 33.5% Zn, 0.62% Pb and 654.8 g/t Ag. This mineralization is traceable in float, trenches and outcrop over a length of approximately 350 m.

Nordac concentrated their efforts on silver-lead-zinc replacement mineralization within the metasediments. Nordac collected eight float samples of quartz biotite schist containing foliaform limonite boxwork and disseminated pyrite. The best sample returned 0.05% Cu, 12.30% Pb, 44.60% Zn, 95 g/t Ag and 1.48 g/t Au.

Strategic Metals focused their 2002 efforts around showing A2 a 200 by 200 m area hosting a moderate to strong multi-element soil anomaly (Zn +/- Pb, Ag, Cu) that is underlain by intensely silicified metasedimentary rocks. Detailed geological mapping has shown that the mineralization is hosted by jasperoid altered limestone. Textures range from complete replacement of the original rock to partial replacement where the original texture of limestone is preserved within the jasperoid. Mineralization consists of 0.5 to 2 mm blebs of galena, sphalerite and pyrite with lesser pyrrhotite chalcopyrite and fine grained tetrahedrite. Trenching exposed only weakly mineralized bedrock.

References

B.A. RESOURCES LTD, Aug/83. Assessment Report #090849 by R.S. Adamson.

B.A. RESOURCES LTD, Aug/84. Assessment Report #091553 by R.S. Adamson.

CARLSON, G.G., 1987. Geology of Slab Lake (105 B 7) and Meister Lake (105 B 8) map areas, Rancheria District, Southeast Yukon. DIAND Open File 1987-1.

GEORGE CROSS NEWSLETTER, 28 Feb/89; 6 Jul/89

NORDAC RESOURCES LTD., Aug/96. Assessment Report #093507 by W.A. Wengzynowski.

NORDAC RESOURCES LTD., Jun/97. Assessment Report #093680 by W.A. Wengzynowski.

NORDAC RESOURCES LTD., Apr/99. Assessment Report #093979 by T.C. Becker.

PACIFIC GIANT STEEL ORES LTD, Nov/67. Assessment Report #019589 by E.D. Black.

SILVER HART MINES LTD, Sep/87. Assessment Report *#091990 by P.A. Hawkins.

STRATEGIC METALS LTD, Mar/2003. Assessment Report #094368 by W.A. Wengzynowski.

STRATEGIC METALS LTD, Dec/01. Web Site: www.strategicmetalsltd.com.

WEST-MAR RESOURCES LTD, Oct/89. Assessment Report #092755 by J. Lehtinen.

YUKON EXPLORATION AND GEOLOGY 1981, p. 105; 1982, p. 101; 1983, p. 145; 1984, p. 56.

YUKON EXPLORATION 1985-86, p. 138; 1989, p. 16.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 159.

Work History

Date	Work Type	Comment
12/31/2002	Geochemistry	
12/31/2002	Geology	
12/31/2002	Trenching	
12/31/1996	Geology	
12/31/1996	Geochemistry	
12/31/1996	Other	
12/31/1995	Other	
12/31/1989	Geology	
12/31/1989	Trenching	
12/31/1984	Ground Geophysics	Also VLF-EM survey .
12/31/1983	Geochemistry	
12/31/1983	Trenching	
12/31/1982	Trenching	
12/31/1981	Geochemistry	
12/31/1972	Geology	
12/31/1972	Geochemistry	
12/31/1948	Trenching	
12/13/1998	Geology	
12/13/1998	Geochemistry	
12/13/1998	Trenching	
12/13/1998	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092755	1989	Geological Report on the Ringo 1-26 Claims	Detailed Bedrock Mapping - Geology , Process/Interpret - Pre-existing Data		
091992	1987	Hart Silver Property, Yukon Territory, Evaluation Survey	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching		
091990	1987	Interpretation of Color Aerial Photography for the Hart Silver Property	Orthophoto - Airphotography		
090849	1983	Geochemical Report on the Ringo Property	Soil - Geochemistry		
060883	1972	Nite and Mid Claims Report Geology, Geochemistry, Trenching and Diamond Drilling	Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry	8	458

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC013354	Reports on the Yukon Silver properties of Pacific Giant Steel Ores Ltd. - Spencer Creek & Caribou Lake areas, Southeastern Yukon		Property File Collection	Report