



Occurrence Details

Occurrence Number: 105B 003

Occurrence Name: Luck

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/16/2025 12:36:37 PM

General Information

Secondary Commodities: antimony, copper, gold, lead, silver, tungsten, zinc

Aliases: Jax

Deposit Type(s): Manto Polymetallic Ag-Pb-Zn

Location(s): 60°6'57" N - 130°27'6" W

NTS Mapsheet(s): 105B01

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

First staked in Mar/52 by V.E. Thompson as Jax cl (60644), which were optioned in Feb/53 by Amal. Yukon ML. Restaked in Aug/61 by E. Krysko as Luck cl (76755) which were optioned by Scurry Rainbow OCL in Nov/61, by Mt Grant ML in 1968 and by Silver Seven EL in 1969. Work included SP, EM, soil sampling, trenching and 13 holes (780.3 m) by Scurry Rainbow in 1962 and further trenching and sampling in 1967 to 1969.

Restaked in Sep/73 by A. Black as A & B cl (Y74248), and sold in 1974 to Delphi Res L, which explored the property and performed mapping and soil sampling in 1974 and 1975. Optioned in 1977 by Serem L, which explored with a gravity survey in 1977, then drilled 9 holes (597.4 m) in 1978 in a joint venture with Pan Ocean OL. More mapping was performed in 1979, when Amax entered the joint venture. After the option was dropped in 1982, the A & B claims were transferred in 1983 to Goldex Res Inc, which explored with geochem and IP surveys in 1984, 3 holes (96.6 m) in 1985, and more bulldozer trenching in 1986, 1987. Further work in 1989 included lengthening existing trenches and biogeochemical sampling.

Capsule Geology

A calcite vein 1.2 to 1.5 m thick cuts Cambrian limestone near the margin of the Cassiar Batholith. Mineralization consists of fine-grained sphalerite and pyrite containing lenses of massive galena up to 15 cm long and 7 cm thick.

The mineralized vein coincides with a gravity anomaly which is open along strike to the northeast. Multi-element soil geochemical anomalies were identified 0.5 km and 1 km ENE of the main showing.

Silver Seven discovered a second vein (Pete) about 1.6 km north and recognized scheelite in the 1962 drill core. The scheelite occurs in quartz-calcite veinlets cutting Lower Cambrian phyllite and specimens assay as high as 1% WO₃. Some of the best assays reported from the property are: 1268.5 g/t Ag, 43.6% Pb, 4.5% Zn, 0.05% Cu, 0.1% Sb and 0.2 g/t Au (GSC selected specimen from Luck vein); 5455 g/t Ag, 34.6% Pb, 1.9% Zn, and 1.4 g/t Au across 10 cm (Sevensma chip sample from Pete vein); and 140.5 g/t Ag, 6.1% Pb and 9.7% Zn across 3.0 m (Scurry Rainbow Hole 1).

Goldex interpreted these veins as saddle reefs. In 1989, several biogeochemical samples were taken close to the main showing and one sample was collected from a silver-lead-zinc soil anomaly 1 km ENE of the main showing. Twig samples from jack pine returned values up to 289 ppm Pb, 4174 ppm Zn, and 340 ppb Au. Two trenches in the main showing area were enlarged but no new mineralization was uncovered.

References

DELPHI RESOURCES LTD, Oct/75. Assessment Report #090065 by B.J. Price.

GEOLOGICAL SURVEY OF CANADA Paper 68-70, p. 5.

GEOLOGICAL SURVEY OF CANADA Paper 63-38, p. 31-32.

GOLDEX RESOURCES INC., Jan/86. Assessment Report #091776 by R.S. Adamson.

GOLDEX RESOURCES INC., Nov/87. Assessment Report #091969 by T. Liverton.

GOLDEX RESOURCES INC., Dec/89. Assessment Report #092856 by M.H. Holtby.

GOLDEX RESOURCES INC., Dec/86. Assessment Report #091892 by M.P. Phillips.

LOWEY, G.W., AND LOWEY, J.F., 1986. Geology of the Spencer Creek (105 B 1) and Daughney Lake (105B 2) map areas, Rancheria District, Southeast Yukon. DIAND Open File 1986-1, p. 86-89.

MINERAL INDUSTRY REPORT 1969 & 1970, p. 134-137; 1975, p. 159; 1977, p-77; 1978, p. 52-53.

SEREM LTD, Sep/78. Assessment Report *#091097 by K. Ralfs.

SILVER SEVEN EXPLORATION LTD, Sep/69. Assessment Report #060681 by P.H. Sevensma and J.W. McLeod.

VANCOUVER STOCK EXCHANGE, 1990. Open file.

YUKON EXPLORATION 1985-86, p. 113-114; 1987, p. 74-75.

Work History		
Date	Work Type	Comment
12/31/1990	Trenching	
12/31/1990	Geochemistry	
12/31/1986	Trenching	
12/31/1985	Drilling	Three holes, 96.6 m.
12/31/1984	Geochemistry	
12/31/1984	Ground Geophysics	
12/31/1979	Geology	
12/31/1978	Drilling	Nine holes, 597.4 m.
12/31/1977	Ground Geophysics	
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1967	Trenching	
12/31/1962	Drilling	Thirteen holes, 780 m.
12/31/1962	Geochemistry	
12/31/1962	Ground Geophysics	Also S.P. survey .
12/31/1962	Trenching	
12/13/1969	Trenching	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092906	1990	Report of 1990 Trenching on the A + B Property	Backhoe - Trenching		
092856	1989	Report of 1989 Trenching and Biogeochemical Sampling on the A + B Property	Plant - Geochemistry, Rock - Geochemistry, Backhoe - Trenching		
091969	1987	The Luck Silver-Lead-Zinc Prospect,Rancheria Area, Yukon: Bulldozer Trenching on the Piggy, A and B and BNA Claim Blocks	Rock - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Mechanical - Trenching		
091892	1986	Report on Trenching Program Luck Property	Backhoe - Trenching		
091776	1985	[Assessment Report Diamond Drilling 1985 A & B Claims]	Diamond - Drilling	1	96
092052	1984	[Summary Report of 1948 Season]	Rock - Geochemistry, Regional Bedrock Mapping - Geology		
091097	1978	[Diamond Drill Report on A & B Claims]	Diamond - Drilling	9	607
090249	1977	A + B Claims Gravity Survey	Gravity Survey - Ground Geophysics		
090065	1975	Brief Geological Report on the A + B Claims Near Rancheria, Y. T.	Rock - Geochemistry, Soil - Geochemistry, Cursory Property Visit - Other		
060121	1972	1971 Property Examination Silver Seven Tungsten Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
060681	1969	Silver Seven Exploration Ltd. Boulder Creek Area	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other, Hand - Trenching, Mechanical - Trenching		

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
DDH S-1	Luck	1978		4	2
DDH S-2	Luck	1978		6	2
DDH S-3	Luck	1978		4	2
DDH S-4	Luck	1978		6	2
DDH S-5	Luck	1978		6	2
DDH S-6	Luck	1978		6	2
DDH S-7	Luck	1978		8	2
DDH S-8	Luck	1978		10	2

DDH S-9	Luck	1978		6	2
Selected Section	Luck	1978		2	0