



Occurrence Details

Occurrence Number: 105M 025
Occurrence Name: Nord
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/5/2025 6:35:05 PM

General Information

Secondary Commodities: arsenic, gold, lead, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°56'41" N - -135°25'1" W
NTS Mapsheet(s): 105M14
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Argyle, etc cl (59006) in Aug/48 by D. MacEachrone. The property was sold in Jan/49 to Silver Basin Yukon Mines Ltd, which was reorganized as Consolidated Yukeno Mines Ltd in Jan/50 and Yukeno Mines Ltd in May/51. Yukeno carried out limited bulldozer trenching in 1953. Restaked in Jan/56 as Silver Tip, Fox, etc cl (62943) by C. Nord who had staked the adjoining Ram, etc cl (59529) in Jan/50. Nord carried out bulldozer trenching before briefly optioning the property to United Keno Hill Mines Ltd in Jul/56; sank a 6 m shaft on the Fox cl 1 in 1957; and sold the property in 1968 to Silver Christal Mines Ltd. Silver Christal staked Barb, Sandy, Christal, etc cl (Y4531) to the north in Apr/68 and carried out geochemical silt and soil sampling, trenching, magnetometer surveying and geological mapping in 1968 and drilled 8 holes (327.1 m) in 1969. The Fox claims were restaked as OK cl 1-2 (Y33741) in Dec/70 by Silver Spring Mines Ltd who subsequently entered a joint venture with Canadian Reserve Oil and Gas Ltd. The joint venture conducted 105 m of drifting and drilled 5 underground holes in 1971 on their adjoining Paddy and Carol claims (Minfile Occurrence #105M 020) before staking OK cl 3-4 (Y85963) to the west in Oct/73. Portions of the Barb and Sandy groups were restaked as A cl (Y69013) in Feb/73 by E. Shileto and E. Freisen and again as the Rhonda cl (Y87266) in Feb/74 and Oct/75 and Phon cl (YA1347) in Sep/76 all by R. Holway. A large block of 627 Zap cl (YA38459) was staked to the north in Mar/79 by Canada Tungsten Mining Corporation Ltd, which explored with reconnaissance silt, soil and lake bottom sampling in 1979-80 and airborne magnetometer and EM surveying in 1981. Springmont Operating Company Ltd (M. Swyzinski) optioned the OK claims in 1984, carried out bulldozer trenching in 1984 and 1986 and acquired ownership in 1987.

Capsule Geology

Silver-lead-zinc mineralization in the Elsa-Keno Hill mining camp occurs in north-northeast to east-northeast striking, steeply southeast dipping vein-faults located within a 23 km long by 6 km wide northeast trending belt of rocks on the south dipping limb of the McQuesten Antiform. The mineralized vein faults cut Devonian to Mississippian Earn Group phyllites, Mississippian Keno Hill quartzite and minor phyllite and Triassic meta-diorites. The vein-faults, are brittle displacement zones that show complex variations in style along their length. Narrow discrete planar fault segments pass into zones of tensional veining or shattered rock, brecciation and stockwork veining. The richest deposits occur in the vein-faults which cut the Keno Hill quartzites. A typical narrow transverse type vein-fault cuts Earn Group carbonaceous phyllite and Triassic greenstone underlying Keno Hill quartzite. A channel sample from a bulldozer trench assayed 644.6 g/t Ag, 9.9% Pb and 38.4% Zn across 33 cm. Mineralized grab samples from the old shaft dump assayed 8.2 g/t Au, 21.9 g/t Ag and 29% As.

References

BOND, J.D., 1998. Surficial geology of Keno Hill, Central Yukon, NTS 105M14. Exploration and Geological Services Division, Indian and Northern Affairs, Canada, Geoscience Map 1998-4, 1:50 000-scale map.

GEORGE CROSS NEWSLETTER, 15 Mar/69, 7 Feb/70.

MINERAL INDUSTRY REPORT 1969 and 1970, p. 13-14.

MURPHY, D.C. and ROOTS, C.F., 1996. Geological map of Keno Hill area, Central Yukon (105M/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1996-5, 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, 122 p.

ROOTS, C.F., 1997. Bedrock geology of Mayo map area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000-scale.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

SILVER CHRISTAL MINES LTD, Feb/69. Assessment Report #019025 by H.S. Aikins.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 208-209.

Work History

Date	Work Type	Comment
12/31/1986	Trenching	

12/31/1984	Trenching	
12/31/1969	Drilling	Eight holes, 327.1 m
12/31/1968	Geology	
12/31/1968	Geochemistry	Also silt sampling.
12/31/1968	Ground Geophysics	
12/31/1968	Trenching	
12/31/1957	Development, Underground	Six meter shaft on Fox cl 1.
12/31/1953	Trenching	
12/31/1948	Other	First recorded staking of the area.
12/13/1981	Airborne Geophysics	Also EM survey .
12/13/1980	Geochemistry	Also silt sampling.
12/13/1971	Drilling	Five underground holes.
12/13/1971	Development, Underground	Total of 105 m of drifting on Paddy and Carol claims.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096732	2014	Assessment Report Describing Metallurgical Test Pits, Metallurgical Auger Drilling, Geotechnical Auger Drilling, Geotechnical Study, Environmental Baseline Studies, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Auger - Drilling, Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Heritage/Archeological - Studies	9	96.77
096607	2012	Assessment Report Describing Metallurgical Testing, Wildlife Monitoring, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Heritage/Archeological - Studies		
095713	2010	2010 Reverse Circulation Drilling Assessment Report	Reverse Circulation - Drilling, Drill Cuttings - Geochemistry	34	1186.89
095661	2008	2008 Geological, Geochemical and XRF Assessment Report on the Keno Hill Property	Biogeochemistry - Geochemistry, Rock - Geochemistry, Soil - Geochemistry		
094943	2006	2006 Geological, Aerial Photography and Orthophoto Assessment Report on the Keno Hill Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Interpretation - Airphotography, Orthophoto - Airphotography, Digitizing Data - Pre-existing Data, Photogrammetry - Remote Sensing		
090564	1979	Geological, Geochemical, and Geophysical Report	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Seismic - Ground Geophysics, Research/Summarize - Pre-existing Data		
060942	1970	Report on Aeromagnetic Survey-Keno Area, Yukon Territory	Magnetic - Airborne Geophysics		
019025	1968	Barb Group Mineral Claims-Interim Report on Geochemical and Geological Work Program	All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other, Mechanical - Trenching		
062258	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
019927	1925	[Galena Hill-Geological Map-Hector Mine Sections and Block Diagrams]	Bedrock Mapping - Geology, Geotechnical - Studies		