



Occurrence Details

Occurrence Number: 105M 026

Occurrence Name: Gerlitzki

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 8/6/2025 8:03:08 AM

General Information

Secondary Commodities: lead, silver, zinc

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

Location(s): 63°54'17" N - -135°34'55" W

NTS Mapsheet(s): 105M13

Location Comments: Location coordinates provided by Alexco

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked in Sep/50 as Leo cl (59715) by H. Caley and J.H. Gerlitzki. Adjoining Regent cl (61062) staked in Oct/50 by Marcourt Nickel ML were transferred to Yukore ML, which hand trenched in 1951. Other fringe staking includes Argent cl (59869) by Packeno ML and Argent, etc cl (59933) by Klondike Keno ML and North Denison ML.

Packeno's interest was transferred to Yukeno ML in 1951 and North Denison changed its name to Cons Denison ML in 1954. The Leo group was sold in Sep/55 to United Keno Hill ML and optioned in Aug/56 to Mining Geophysics CL (Keevil Group), which carried out resistivity surveys and drilled 4 holes (255.4 m). United Keno explored by bulldozer trenching and diamond drilling in 1957-58.

The Argent group was restaked as KPO cl (80083) in Oct/56 by A.E. Aho and C. Poli and transferred to Petcal L in Aug/59. The adjoining AA cl (80982) were staked in Sep/61 by Silver Titan ML, which acquired the Leo & KPO cl in May/62. Exploration by Silver Titan in 1962 on all claims included EM surveys and 10 holes (746.8 m) with financing provided by the Titan Project JV (Noranda, Kerr Addison, Canex & Homestake Mg CL). Further exploration by Silver Titan in 1966 consisted of 12 801.6 m of overburden and diamond drilling.

In Sep/67, the Leo cl were owned 90% by Cima ML (a subsidiary of Atlas EL) and 10% by Peso Silver ML. United Keno restaked part of the KPO group as Buconjo cl (Y56474) in Dec/71, optioned the Leo and KPO groups and drilled 708 overburden holes (32 833.1 m) in 1972-76 to earn a 60% interest. Peso Silver changed its name to Rex Silver ML in 1979. United Keno drilled an additional 20 overburden holes (1050.0 m) in 1980.

A large block of 627 Zap cl (YA38459) was staked on the north side by Canada Tungsten Mg Corp L, which explored with reconnaissance silt, soil and lake bottom sampling in 1979-80 and airborne mag and EM surveys in 1981.

In Aug/94 United Keno Mines Ltd. staked the Raven 1 cl (YB43148). This claims appears to cover an expired Buconjo claim. Ron Holway drilled two reverse circulation holes (78 m total) on the John 2 cl (YB03898) located on Galena Creek 1.5 km south of the Leo claims. In Oct/95 T. Casten restaked the Raven 1 claim as Raven (YB65159).

Capsule Geology

The Gerlitzki Vein has been exposed on surface for some 150 m. It is a strong, transverse-type vein, up to 9.1 m wide, which cuts Mississippian Keno Hill quartzite and is weakly mineralized with galena, sphalerite and minor tetrahedrite. A grab sample of some of the better mineralization assayed 514.3 g/t, 6.5% Pb and 5.0% Zn. Drilling failed to locate significant mineralization.

The 1966 overburden drill program located several similar, strong vein faults to the southwest and the 1974-75 program located three veins with sphalerite and minor silver values.

References

CIMA RESOURCES LTD, 1974. Annual Report.

GEOLOGICAL SURVEY OF CANADA Paper 63-38, p. 8-9.

GEORGE CROSS NEWSLETTER, 23 Jun/66.

MURPHY, D.C., HUNT, J.A., ROOTS, C.F., AND POOLE, W.H., 1993. Geological map of Mount Haldane (105M/13), Central Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-6.

NORTHERN MINER, 12 Jul/51, 2 Aug/51; 31 Jan/52; 21 Nov/63.

PETCAL COMPANY LTD, 1959. Assessment Report *#017622 by A.E. Aho.

ROOTS, C.F., AND MURPHY, D.C., 1992. Geology of Mayo Map Area (105M). Geological Survey of Canada Open File 2483.

SILVER TITAN MINES LTD, 1962. Assessment Report *#017478 by E.B. Nicholls.

SILVER TITAN MINES LTD, 1962. Assessment Report *#019023 by E.B. Nicholls.

UNITED KENO HILL MINES LTD, 1972. Assessment Report *#091272 by J.D. Ellerington.

UNITED KENO HILL MINES LTD, 1972. Assessment Report *#091273 by unknown.

UNITED KENO HILL MINES LTD, 1980. Assessment Report *#090707 by T.C. Stubens.

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

YUKON EXPLORATION 1985-86, p. 268.

Work History		
Date	Work Type	Comment
12/31/1994	Drilling	Two holes, 78 m. Drilling was reverse circulation, carried out on John 2 cl by R Holway
12/31/1980	Drilling	Twenty holes, 1,050 m.
12/31/1973	Drilling	Seven hundred eight holes, 32,833 m.
12/31/1966	Drilling	Also percussion drilling. Number of holes and footage unknown.
12/31/1962	Drilling	Ten holes, 746.8 m.
12/31/1962	Ground Geophysics	
12/31/1957	Drilling	Number of holes and footage unknown.
12/31/1957	Trenching	
12/31/1956	Drilling	Four holes, 255.4 m.
12/31/1956	Ground Geophysics	
12/31/1951	Trenching	
12/13/2006	Airphotography	
12/13/2006	Airphotography	
12/13/2006	Airborne Geophysics	
12/13/2006	Airborne Geophysics	
12/13/2006	Pre-existing Data	
12/13/1959	Ground Geophysics	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
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		
094788	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
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		
062258	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
092064	1963	The Silver Titan Story	Research/Summarize - Pre-existing Data		
017622	1959	Report on Leo and KPO Properties on Galena Hill	Resistivity - Ground Geophysics		
091694	1950	Report on McQuesten Slope Mines Limited	Property Evaluation - Other		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC008992	Map section IV - Shaft a - KPO No. 1 claim		Property File Collection	Geoscience Map (General)
ARMC008993	Map section VII - Shaft a - Leo No. 1 claim		Property File Collection	Geoscience Map (General)
ARMC007475	Correspondence Re: Leo claims, Keno Hill		Property File Collection	Miscellaneous Company Documents
ARMC011615	Resistivity survey for Petcal Company Limited of K.P.O. claims at Galena Hill - Drawing 1397		Property File Collection	Geophysical Map