



Occurrence Details

Occurrence Number: 105M 061
Occurrence Name: Christal
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 7:47:34 AM

General Information

Secondary Commodities: lead, silver, zinc
Aliases: Dorothy
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°55'38" N - -135°16'1" W
NTS Mapsheet(s): 105M14
Location Comments: Location coordinates provided by Alexco
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

First staked as Christal cl (12994) about 1920 by E.J. Corp and explored by hand trenching and a 15 m shaft in 1940 by J.D. Ryan. Purchased in Mar/51 by Cons Ansley Gold ML, which changed its name later in the year to Ankeno ML and again in 1955 to Bankeno ML.

The claim was taken to lease (Lot 910) in Apr/55 and optioned along with several adjoining claims by United Keno Hill ML, which explored with geochem sampling, mapping, EM surveys and bulldozer trenching in 1965 and further geochem sampling in 1979.

United Keno Hill staked Galaxy cl (Y69403) in Jun/73 in this area and carried out geological mapping and geochemical sampling of the claim the following year.

Capsule Geology

The trenches on the Christal claim expose the west end of the east-trending No. 6 longitudinal vein system which cuts thin bedded quartzite and schist of the Devono-Mississippian Earn Group. Mineralization consists of galena, sphalerite, tetrahedrite, arsenopyrite and pyrite in a siderite-quartz gangue and sampling averaged 96.0 g/t silver over narrow widths. Trenching geochemical anomalies on the Kenny claim, 500 m to the east, located weak mineralization from which a specimen assayed 69 g/t Ag, 0.6% Pb and 0.2% Zn.

References

GEOLOGICAL SURVEY OF CANADA Bulletin 111, p. 40.

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

UNITED KENO HILL MINES LTD, Jun/74. Assessment Report *#060938 by T. Levicki.

UNITED KENO HILL MINES LTD, Jan/80. Assessment Report *#090513 by T.J. Levicki.

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

Work History

Date	Work Type	Comment
12/31/1979	Geochemistry	
12/31/1965	Geology	
12/31/1965	Geochemistry	
12/31/1965	Ground Geophysics	
12/31/1965	Trenching	
12/31/1940	Trenching	
12/31/1940	Development, Underground	Fifteen meter shaft.
12/13/2019	Geochemistry	
12/13/2010	Geology	
12/13/2010	Geochemistry	
12/13/2010	Other	
12/13/2006	Airphotography	
12/13/2006	Airphotography	

12/13/2006	Airborne Geophysics	
12/13/2006	Airborne Geophysics	
12/13/2006	Pre-existing Data	
12/13/2006	Remote Sensing	
12/13/2005	Geology	
12/13/2005	Other	
12/13/2005	Geochemistry	
12/13/2005	Ground Geophysics	
12/13/2005	Other	

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
096457	2012	2012 Assessment Report Property Comprising the Following Claims: Mom & Son Group	Diamond - Drilling, Drill Core - Geochemistry	2	491.16
095679	2010	2010 Soil Sampling and Geological Mapping Assesment Report	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
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		
094967	2005	2005 Assessment Report-Dirkeno Group	Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other		
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		
090513	1979	Report on the 1979 Geological and Geochemical Survey on the Kenny Mineral Claim	Soil - Geochemistry, Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
05-003	Prospecting and Technical Report Dirkeno Group and '43' Claim		Yukon Government: Energy, Mines and Resources	YMEP Report