



Occurrence Details

Occurrence Number: 105M 011
Occurrence Name: Homestake
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 4:54:25 PM

General Information

Secondary Commodities: gold, lead, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°54'26" N - -135°11'12" W
NTS Mapsheet(s): 105M14
Location Comments: location coordinates provided by Alexco
Hand Samples Available: Yes
Last Reviewed:

Capsule
<p>Work History</p> <p>Staked as Homestake cl (13078) in Jun/20 by L. Walsh etc. Optioned in Jun/28 by T. McKay, who explored with 26.8 m of shafts and 38.4 m of drifting in 1928-31. R.G. Lee purchased control from L. Walsh, etc about 1950.</p> <p>Optioned in Jun/51 by Lustre Yukon ML and in 1962-63 by United Keno Hill ML, which did extensive bulldozer trenching on two veins. Additional bulldozing financed by B. Kunze in 1966 uncovered a new vein and the property was optioned in 1967 by Hecla Mg C of Can L which carried out 107 m of crosscutting, 143 m of drifting and 203.9 m of underground drilling (4 holes).</p> <p>The property was transferred to Evelyn Lee in Mar/71 and explored by further trenching in 1974.</p> <p>Capsule Geology</p> <p>Both a longitudinal and a transverse-type vein are present. United Keno exposed the longitudinal vein for more than 90 m along strike. Mineralization consists of erratic lenses of arsenopyrite and galena in a quartz carbonate gangue. Arsenopyrite sections assayed as high as 102.9 g/t Au over narrow widths.</p> <p>A transverse vein was uncovered for a length of 30 m in 1966 with a width varying from 3 to 7.6 m. Mineralization consists of tetrahedrite and galena in a carbonate gangue. A chip sample across a 7.6 m width assayed 1131.4 g/t Ag, 2.2% Pb and 0.5% Zn. No mineralization was found underground, 45 m below the surface trenches.</p> <p>References</p> <p>GEOLOGICAL SURVEY OF CANADA Bulletin 111, p. 52-53.</p> <p>GEOLOGICAL SURVEY OF CANADA Paper 67-40, p. 22.</p> <p>GEOLOGICAL SURVEY OF CANADA Summary Report 1930.</p> <p>MAYO MINING RECORDER, 1939.</p> <p>ROOTS, C.F., AND MURPHY, D.C., 1992. Geology of Mayo Map Area (105M). Geological Survey of Canada Open File 2483.</p>

Work History		
Date	Work Type	Comment
12/31/1974	Trenching	
12/31/1967	Drilling	Number of holes drilled: 4 Amount of work done: 203.9 METRES
12/31/1967	Other	Amount of work done: 250 METRES
12/31/1966	Trenching	
12/31/1962	Trenching	
12/31/1928	Other	Amount of work done: 65.2 METRES
12/13/2017	Airphotography	
12/13/2017	Geochemistry	
12/13/2017	Drilling	
12/13/2017	Geology	
12/13/2017	Geochemistry	
12/13/2016	Pre-existing Data	
12/13/2016	Geochemistry	

12/13/2015	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Development, Surface	
12/13/2011	Drilling	
12/13/2011	Studies	
12/13/2011	Geochemistry	
12/13/2011	Airborne Geophysics	
12/13/2011	Geology	
12/13/2010	Drilling	
12/13/2010	Trenching	
12/13/2010	Geochemistry	
12/13/2007	Geochemistry	
12/13/2007	Other	
12/13/2007	Trenching	
12/13/2007	Other	
12/13/2007	Other	
12/13/2007	Development, Surface	
12/13/2007	Ground Geophysics	
12/13/2006	Airphotography	
12/13/2006	Airphotography	
12/13/2006	Geochemistry	
12/13/2006	Development, Surface	
12/13/2006	Geology	
12/13/2006	Trenching	
12/13/2006	Airborne Geophysics	
12/13/2006	Development, Surface	
12/13/2006	Airborne Geophysics	
12/13/2006	Other	
12/13/2006	Pre-existing Data	
12/13/2006	Remote Sensing	
12/13/2006	Development, Surface	
12/13/1980	Geochemistry	
12/13/1980	Geology	
12/13/1980	Geochemistry	
12/13/1980	Geochemistry	
12/13/1980	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095932	2011	Assessment Report on the 2011 Keno-Lighting Geophysical, Trench Mapping, Soil Geochemistry and Diamond Drilling Program	Electromagnetic - Airborne Geophysics, Reclamation - Development, Surface, Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Environmental Assessment/Impact - Studies	25	1819.30
095600	2006	2005 Assessment Report on the Keno Lightning Property	Rock - Geochemistry, 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		
			Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry,		

091386	1982	Geological and Geochemical Report on the BE Claims	Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Data Compilation - Pre-existing Data		
090782	1980	Geological and Geochemical Report on the BE Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC014876	Homestake showing - samples and property plan - Nordex Exploration Ltd.		Property File Collection	Miscellaneous Company Documents
ARMC014875	A report on the Homestake group - Keno Hill area, Y.T.		Property File Collection	Report
ARMC014877	General geology plan - Homestake group - Keno Hill area, Y.T.		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014878	Copies of longitudinal and cross sections of Homestake property - Keno Hill area		Property File Collection	Geoscience Map (General)
ARMC014879	Copies of sketches - Homestake group		Property File Collection	Geoscience Map (General)
ARMC014880	Assay certificates - Homestake group - File No. 2440-14		Property File Collection	Miscellaneous Company Documents
ARMC007481	Correspondence Re: Homestake property, Bunker Hill area		Property File Collection	Miscellaneous Company Documents