



Occurrence Details

Occurrence Number: 105M 003
Occurrence Name: Duncan
Occurrence Type: Hard-rock
Status: Deposit
Date printed: 12/16/2025 9:45:17 PM

General Information

Primary Commodities: lead, silver
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°56'35" N - -135°8'39" W
NTS Mapsheet(s): 105M14
Location Comments: Location coordinates provided by Alexco
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

First staked as Duncan cl (12967) in Aug/19 by D. Sparks, who explored with a 14 m shaft and 11.6 m of drifting and shipped 11.8 tonnes of hand-cobbed ore in 1923. Restaked as Duncan cl (55441) in Jul/46 by A.N. Martin and optioned to Silver Basin Yukon ML in Jun/48. The option was assigned in Jan/50 to Cons Yukeno ML and in Feb/51 to Yukeno ML, which purchased the claim in 1953, took it to lease (Lot 637) in 1960, and sold it to Rio Plata Silver ML in Nov/62. Work since 1946 has consisted of minor hand trenching and a few bulldozer cuts. J. Venesse tied on Liberty Bell cl (YB77288) to the west in Jul/83. In 1989 D. Felix and J. Brinkerhoft optioned the Duncan claim and carried out a trenching program. H. MacDonald staked Lotto cl 1-4 (YB03602) 1.5 km to the southeast in Jul/90. E. McGowan restaked Lotto claims as Smoky cl 1-5 (YB64668) in Aug/95.

Capsule Geology

Galena and tetrahedrite occur in siderite gangue on the dumps. The vein cuts quartzite and schist and is a transverse-type between longitudinal veins.

References

DAWSON DAILY NEWS, 3 Dec/23.
GEOLOGICAL SURVEY OF CANADA Bulletin 111, p. 56.
ROOTS, C.F., AND MURPHY, D.C., 1992. Geology of Mayo Map Area (105M). Geological Survey of Canada Open File 2483.

Work History

Date	Work Type	Comment
12/31/1990	Trenching	
12/31/1990	Trenching	
12/31/1989	Trenching	Carried out on Duncan claim by D. Felix and J. Brinkerhoft.
12/31/1923	Other	Hand cobbed high grade ore.
12/31/1919	Other	Amount of work done: 25 METRES Approximatly 14 m of shaft and 12 m of drifting.
12/13/2019	Geochemistry	
12/13/2019	Geology	
12/13/2019	Geochemistry	
12/13/2019	Other	
12/13/2017	Airphotography	
12/13/2017	Geochemistry	
12/13/2017	Drilling	
12/13/2017	Geology	
12/13/2017	Geochemistry	
12/13/2013	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Development. Surface	

12/13/2011	Drilling	
12/13/2011	Geochemistry	
12/13/2011	Airborne Geophysics	
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	Geochemistry	
12/13/2005	Other	
12/13/1982	Pre-existing Data	
12/13/1982	Geochemistry	
12/13/1982	Geology	
12/13/1982	Geochemistry	
12/13/1982	Geochemistry	
12/13/1982	Geology	
12/13/1982	Other	
12/13/1981	Geochemistry	
12/13/1981	Geology	
12/13/1981	Geochemistry	
12/13/1981	Geochemistry	
12/13/1981	Geology	
12/13/1981	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		
091386	1982	Geological and Geochemical Report on the BE Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Data Compilation - Pre-existing Data		
090995	1981	Geological and Geochemical Report on the BE Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other		
090782	1980	Geological and Geochemical Report on the BE Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, 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		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006014	Report - The Duncan property		Property File Collection	Report
ARMC006022	Report - The Duncan property		Property File Collection	Report

ARMC014801	Report - Duncan property - Keno Hill area - Mining mining district - Yukon Territory		Property File Collection	Report
ARMC014802	Report - Duncan property - Keno Hill area - Mining mining district - Yukon Territory		Property File Collection	Report
ARMC014799	Preliminary report on Duncan property - Keno Hill, Y.T.		Property File Collection	Report
ARMC014816	Progress reports, assays certificates, and letters re: Duncan project 105M/13		Property File Collection	Report
ARMC014800	Summary report - Duncan property - Keno Hill area - Mayo mining district - Yukon Territory		Property File Collection	Report
ARMC014803	Geological plan - Duncan project - Keno Hill, Y.T.		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014807	Showing UKHM claim 148		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014805	New showing on Ivan claim map - Duncan group - Keno Hill Area - To accompany report by L.G. White		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014806	Map indicating claim boundary between United Keno and Duncan properties		Property File Collection	Geoscience Map (General)
ARMC014813	Resume of Duncan Ladue Mines property, Keno Hill, Y.T.		Property File Collection	Report
ARMC014811	Geological sketch of showing on Ivan claim with assays		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014804	Location map - Duncan group from UKHM Ltd. - To accompany report by L.G. White		Property File Collection	Geoscience Map (General)
ARMC014809	Location map - Duncan group from UKHM Ltd. Drawing No. 157 with added mineral showing notations		Property File Collection	Geoscience Map (General)
ARMC014810	Location map - Duncan group from UKHM Ltd. Drawing No. 157 with added note indicating main producer (Sadie-Ladue)		Property File Collection	Geoscience Map (General)
ARMC014808	Geology & workings - Ivan & Yukon claims - Duncan group		Property File Collection	Geoscience Map (General)
ARMC014815	Correspondence re: Duncan project		Property File Collection	Miscellaneous Company Documents
ARMC014812	Duncan project - Assays on longitudinal section		Property File Collection	Geoscience Map (General)
ARMC014814	Assay certificates - Duncan project, Mayo Y.T.		Property File Collection	Miscellaneous Company Documents