



Occurrence Details

Occurrence Number: 1150 071
Occurrence Name: Box Car
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/29/2025 7:14:38 AM

General Information

Secondary Commodities: copper, gold, lead, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°54'9" N - 139°2'21" W
NTS Mapsheet(s): 115014
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Maid of Erin, etc. cl (1964) in June, 1901 by T. Keenan, who sank a 18 m shaft and shipped 6.8 tonnes to a smelter in 1902. Re-staked within a group of 14 claims known as the Box Car group (11063) in July, 1909 by Mrs. J Orrell and others. Development was restricted to two claims; the Jackpot (this occurrence) and Keynote located approximately 2 km to the northwest. Work consisted of trenching and deepening the shaft to 20 m on the Jackpot claim and a 6 m open cut and several trenches on the Keynote claim. A second shaft about 18 m deep was sunk on the Jackpot claim in 1920 by R.W. Brazil under an option agreement.

Re-staked as Box Car cl (15456) in June, 1929 by E.W. Jackson; as Chicago & Tenderfoot cl (57703) in September, 1951 by R.H. William & J.A. Gould; as Kathleen cl (57266) in October, 1955 by G.W. Scott; as Eldorado cl (78178) in October, 1956 by W.E. Wyatt, as Carol cl 1-4 (87522) in July, 1966 and cl 5-14 (15072) in September, 1966 by V. Scheck; as Box Car cl 1-4 (Y56918) in July, 1970 by Thornburg Mining Company (Orekon Syndicate); and as Tom cl 1-8 (Y65102) in July, 1971 by M. Maule. The only recent work was extensive bulldozer trenching in 1967 and 1968 by V. Scheck. The Tom cl were surrounded by the Pup cl 1-71 (Y65465) in May, 1972 by R.G. Hilker for Sullivan and Rogers, who conducted mapping and soil sampling later in the year.

Re-staked as Klox cl 1-12 (YA65695) in June, 1983 by Dawson Eldorado Gold Explorations Ltd., which performed mapping and geochemical sampling later in the year. The company re-staked the occurrence as HL cl 1-146 (YB05308) and DE cl 1-179 (YB05138) in May, 1988 and immediately optioned them to Arbor Resources Inc., who soil sampled extensively in 1988. Arbor Resources staked Win cl 1-153 (YB30901) to the south in April, 1990, re-staked the showing within Cab cl 1-137 (YB31960) in August, 1990 and performed limited soil and rock sampling on the remaining HL claims in 1991. Hastings Management Corp. trenched on the Cab and Win claims in 1992. Kennecott Canada Inc. optioned the property and performed a geophysical survey on the Win claims in September, 1993. Kennecott dropped the option in the fall of 1994. In 1996, Arbor Resources changed its name to Klondike Gold Mining Corp.

Re-staked within Bar claims 1-296 (YB68007) by Barramundi Gold Ltd in March and April, 1996. In July, 1996 Barramundi staked LD cl 1-24 (YB88507) 4 km to the south.

In March, 1999 Barramundi completed a detailed airborne magnetometer and VLF-EM survey that covered a 16 km x 24 km area centered about King Solomon Dome and included this occurrence.

Re-staked as Prince cl 1-46 (YC20647) in June, 2001 by S. Ryan. In October, 2001, S. Ryan carried out a ground magnetometer survey over the occurrence and staked Prince cl 47-54 (YC21127). During 2002, Ryan cut a new grid 2 km northeast of the occurrence and carried out soil sampling and ground magnetometer and VLF geophysical surveys. In December, 2002, Ryan added Prince cl 55-60 (YC23510) to his claim holdings.

From 2004 to 2006, Ryan completed additional soil sampling programs.

In 2007, International Gold Resources Inc. optioned the property and completed additional soil sampling, prospecting, mapping and rock sampling. They delineated a 1.3 km by 150m gold in soil anomaly on the King claims.

From 2009 to 2012 International Gold Resources collected additional soil samples. The company later dropped the option.

In 2013, Pacific Ridge Exploration Ltd optioned the property and conducted soil sampling and an IP/Resistivity survey.

White Gold Corp optioned the property in 2017 and between then and 2021 conducted additional soil sampling, ground magnetic and IP/resistivity surveys, rotary air blast (RAB) drilling, drone imagery and airborne geophysics

Capsule Geology

The area is underlain by pale green to tan weathering quartz-muscovite-chlorite schist (unit Psq) of the Permian Klondike Schist Assemblage. Cu-Pb-Ag-Au mineralization was discovered on the Box Car group in 1901 and was explored by hand pits, shallow shafts and short declines. MacLean (1914) examined and sampled the workings in 1912.

S. Ryan used the 2001 magnetometer survey to help identify the trend of the Box Car occurrence and to obtain background data concerning the magnetic signature of the known mineralization. This data was used to calibrate the magnetic surveys undertaken in 2002. The 2002 surveys outlined six magnetic anomalies and five VLF conductors. The soil sampling programs have defined a lead-zinc-copper anomaly that measures 1000x800 m.

Work History

Date	Work Type	Comment
8/1/2021	Geochemistry	
8/1/2021	Geology	
8/1/2021	Geochemistry	
8/1/2021	Remote Sensing	
8/1/2020	Geochemistry	
8/1/2020	Geology	

8/1/2020	Remote Sensing	
8/1/2013	Geochemistry	
8/1/2013	Ground Geophysics	
8/1/2007	Geochemistry	
8/1/2007	Geology	
8/1/2007	Other	
8/1/1999	Airborne Geophysics	
8/1/1994	Trenching	
8/1/1994	Geochemistry	
8/1/1994	Geochemistry	
8/1/1994	Ground Geophysics	
8/1/1994	Airborne Geophysics	
8/1/1994	Other	
8/1/1992	Geochemistry	
8/1/1992	Geochemistry	
8/1/1992	Other	
8/1/1991	Trenching	
8/1/1991	Geochemistry	
8/1/1991	Geochemistry	
8/1/1991	Geochemistry	
8/1/1991	Ground Geophysics	
8/1/1991	Geology	
8/1/1984	Ground Geophysics	
8/1/1984	Airborne Geophysics	
8/1/1972	Geochemistry	
12/31/2002	Geochemistry	Work carried out on Grid #2, 2 km to northeast.
12/31/2002	Ground Geophysics	Also VLF survey.
12/31/2001	Ground Geophysics	Centred over occurrence area.
12/31/1999	Airborne Geophysics	Also VLF-EM survey.
12/31/1988	Geochemistry	
12/31/1988	Geochemistry	
12/31/1988	Trenching	
12/31/1983	Geology	
12/31/1983	Geochemistry	
12/31/1983	Geochemistry	
12/31/1972	Geology	
12/31/1972	Geochemistry	
12/31/1967	Trenching	
12/31/1920	Development, Underground	Sank a 18 m shaft.
12/31/1912	Trenching	
12/31/1912	Development, Underground	Deeped original shaft.
12/31/1902	Development, Underground	Sank an 18.29 m shaft.
12/31/1902	Development, Underground	Shipped 6.83 tonnes to a smelter.
12/13/1993	Airborne Geophysics	Also EM survey data. Kennecott reprocessed data from survey flown in 1987.

12/13/1987	Airborne Geophysics	Also EM survey. Flown over parts of property.
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Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094981	2007	Assessment Report on 2007 Soil Sampling Mapping and Prospecting on the Crown Jewel Property	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
094349	2001	Geophysical Report Prince 1-46 Claims	Magnetics - Ground Geophysics		
094021	1999	Detailed Airborne Magnetics and VLF-EM over the Klondike District, Dawson City - 1999	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
093321	1994	1994 Annual Report on the Klondike Gold Project	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other, Backhoe - Trenching		
093075	1992	Geological, Geochemical and Trenching Report on the Dawson Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
093026	1991	Geological, Geophysical, Geochemical, and Trenching Report on the DAWSON Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Backhoe - Trenching		
092722	1988	Geological and Geochemical Report on the DE 1-179 Quartz Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
092690	1988	Geological, Geophysical, Geochemical, and Trench Report for Work Performed by Mark Management Ltd. on the REEF Grid	All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching		
091634	1984	Report on the 1984 Exploration Program in Klondike Gold Fields	Electromagnetic - Airborne Geophysics, Percussion - Drilling, Drill Cuttings - Geochemistry, EM - Ground Geophysics	95	6900.67
091569	1983	Assessment Report on KLOX 1-12 Claims	Soil - Geochemistry, Regional Bedrock Mapping - Geology		
060149	1972	Geological and Geochemical Report Yukon Quartz Mineral Claims	Silt - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC004678	Property information form - Eldorado group - Goldbottom Creek		Property File Collection	Report
1996-1(G)	Geological Compilation Maps of the Northern Stewart River Area, Klondike and Sixtymile Districts (115N/15, 16, 115O/13, 14 and Parts of 115O/15, 16)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)
13-073	2013 Soil Geochemical and Geophysical Report on the King Solomon Property		Yukon Government: Energy, Mines and Resources	YMEP Report
01-029	Summary Report of Grassroots Prospecting on Prince Claim, Lucky Joe, Shell Creek and Hem Areas		Yukon Government: Energy, Mines and Resources	YMEP Report
02-028	Geophysical and Geochemical Report on Prince Claims, Box Car Grid II		Yukon Government: Energy, Mines and Resources	YMEP Report