Occurrence Details

Occurrence Number: 115O 194
Occurrence Name: Prince Zone North
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/15/2025 10:40:29 AM

General Information

Primary Commodities: lead, zinc
Secondary Commodities: arsenic, copper, gold
Deposit Type(s): Unknown
Location(s): N - W
NTS Mapsheet(s): 115O14
Location Comments: Location from AR094981
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.

The Prince Zone North is defined by anomalous lead and zinc and weakly anomalous copper, arsenic and silver values from soil sampling and GT Probe sampling.

Work History

Date	Work Type	Comment
8/1/2021	Geochemistry	
8/1/2021	Geology	
8/1/2021	Geochemistry	
8/1/2021	Remote Sensing	
8/1/2019	Geology	
8/1/1999	Airborne Geophysics	
8/1/1993	Geochemistry	

8/1/1993	Geology	
8/1/1993	Geochemistry	
8/1/1993	Drilling	
8/1/1993	Other	
8/1/1992	Geochemistry	
8/1/1992	Geology	
8/1/1992	Geochemistry	
8/1/1992	Other	
8/1/1988	Geochemistry	
8/1/1988	Geology	
8/1/1988	Geochemistry	
2/1/2019	Geochemistry	
2/1/2019	Drilling	
2/1/2019	Geochemistry	
2/1/2019	Remote Sensing	
2/1/2017	Airphotography	
2/1/2017	Geochemistry	
2/1/2017	Geochemistry	
2/1/2017	Airborne Geophysics	
2/1/2017	Airborne Geophysics	
2/1/2013	Geochemistry	
2/1/2013	Ground Geophysics	
2/1/2007	Geochemistry	
2/1/2007	Geology	
2/1/2007	Other	
2/1/2006	Geochemistry	
2/1/2001	Ground Geophysics	
2/1/2001	Ground Geophysics	
2/1/2000	Geochemistry	
2/1/2000	Other	
2/1/1999	Airborne Geophysics	
2/1/1994	Trenching	
2/1/1994	Geochemistry	
2/1/1994	Geochemistry	
2/1/1994	Ground Geophysics	
2/1/1994	Airborne Geophysics	
2/1/1994	Other	
2/1/1980	Geochemistry	
2/1/1980	Geology	
2/1/1980	Other	
2/1/1980	Geochemistry	
2/1/1980	Ground Geophysics	
2/1/1980	Other	

Related References

Number	Title	Page(s)	Reference Type	Document Type
13-073	2013 Soil Geochemical and Geophysical Report on the King Solomon Property		Yukon Government: Energy, Mines and Resources	YMEP Report

01-031	Geophysical Report King 1-41 Claims		Yukon Government: Energy, Mines and Resources	YMEP Report