



Occurrence Details

Occurrence Number: 105M 046

Occurrence Name: Moon

Occurrence Type: Hard-rock

Status: Prospect

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General Information

Secondary Commodities: gold, lead, silver, zinc

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 63°58'47" N - -135°12'25" W

NTS Mapsheet(s): 105M14

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

First staked as Doris cl (14276) in Sep/21 by O. Bjonnes and later explored by a 30 m adit and hand trenching. Restaked as Lake A cl (61801) in Jul/51 by A. St Louis and as Moon cl (80513) in Jul/60 by J. Strebchuk, who sold them to J. Priest in Jul/62.

The Moon group was trenched in 1963 and became the subject of a lengthy trial in 1963-64. A 56 tonne shipment of ore assaying over 68 570 g/t Ag made by J. Priest in 1963 was claimed to have been won from a boulder of rich float found near the adit in 1962. Priest was convicted in 1964 of stealing the ore from the Elsa mine of United Keno Hill ML (Minfile 105M 001). The claims were subsequently transferred to Colonial Mines Ltd, which drilled 3 holes (27.4 m) in 1965.

Nova Silver Mines Ltd staked the Nova cl (82274) to the south in Jul/62 and transferred them to Peso Silver Mines Ltd and Silver Titan Mines Ltd in Nov/62 and to Duncan Ladue Mines Ltd in Jul/64. C. Warm staked the adjoining Space cl (83036) in Jul/63.

W. Malicky restaked the Moon showing as WM cl (Y14446) in Mar/68 and as CM cl (Y33329) in Apr/70, which he transferred to W.S. Howden and D.M. Vigouret, respectively.

Extensive fringe staking includes Axe cl (Y33011) in Sep/69 by Highland Valley Mines Ltd; Millsite cl (Y56377) in Oct/71 by Y. Bull, who transferred title to J. Aitken and M. Rumberg; WK and Rocco cl (Y69081) in Nov/73 and Cat cl (Y88570) in May/74 by Torbruce Exploration Ltd; Bank cl (Y69391) in Jun/73 by Laurasia Resources Ltd, which transferred title to Decker Lake Mines Ltd; Millsite cl (Y88420) in May/74 by J. Mandraus; and a large block of BE cl (YA39220) to the north in Mar/79 by Canada Tungsten Mining Corporation Ltd. Work since 1965 has consisted mainly of bulldozer trenching - by Vigouret in 1975-78, Mandaus in 1975-78, Torbruce in 1974-80, and Decker Lake in 1975-78. Cantung performed geochemical and geophysical surveys in 1979-81.

Restaked as Ore cl (YA76696) in Jul/82 by T. Casten; as MT cl (YA76663) in Jul/82 by W. Malicky, who trenched in 1983; and as Monday cl 1-6 (YA83745) in Sep/87 by R. Nixon, who carried out grid surveying in 1989 and hand trenching in 1990.

Restaked as Silver Moon cl 1-4 (YB29396) in Nov/92 by W. Malicky, who carried out trenching in Sept/93. Malicky restaked the occurrence as Todd cl 1 and Overtime cl 1 (YB44067) in Mar/95 and as Todd cl 1 (YB65554) and Try Again cl 1 (YB65553) in Jul/96.

D. Jablonski staked KD cl 1-10 (YB65862) to the east and south in Sep/96. In Aug/97, R. Fischer staked B cl 13-102 (YB81305) to surround the occurrence and carried out property wide prospecting, geological mapping and geochemical sampling in 2001 and 2002 and geophysical surveying of the central portion of the claim block, including the occurrence, in 2002.

Capsule Geology

The occurrence is located in the drift covered Ladue valley. The area is reportedly underlain by Devonian to Mississippian aged Earn Group carbonaceous phyllites and numerous deformed sills of Triassic greenstone, meta-diorite and gabbro cut by Late Cretaceous porphyritic aplite dykes and sills. Two northeasterly trending faults have been mapped on the B claims.

The showing, located on the Try Again claim consists of a caved adit and waste dump. A longitudinal fissure vein, trending 045° and dipping 85°W is exposed at the contact between phyllite and a porphyritic apalite sill. Mineralization consists of galena, sphalerite and pyrite and is apparently similar to typical Keno Hill style mineralization. A gold bearing quartz vein mineralized with arsenopyrite, galena and sphalerite is also exposed at the adit. Peak values for samples collected from the adit area are 8.0% Pb, 7.9% Zn, 586 g/t Ag and 5.2 g/t Au and were returned from mineralized aplite.

Stream sediment samples collected from moss mats along Faro Gulch, which drains across the area of the showing and other known deposits further upstream, returned consistently high values with peaks of 730 ppb Au, >30 ppm Ag, >10 000 ppm Pb, 1 318 ppm Zn and 1 035 ppm As.

Five northeast trending VLF-EM conductors were identified during surveying in 2002 all of which paralleled or were on trend with the mineralized structure exposed in the Moon adit, suggesting continuity of the feature over the entire 2.5 km length of the grid

References

FISHER, R.E., Dec/2001. Assessment Report #094275 by J. Pautler.

FISHER, R.E., Dec/2002. Assessment Report #094373 by J. Pautler.

HIGHLAND VALLEY MINES LTD, Oct/69. B.C. Securities Commission Open File Report by G.S. Zimmer.

MURPHY, D.C. and ROOTS, C.F., 1996. Geological map of Keno Hill area, Central Yukon (105 M/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Map 1996-1, scale 1:50 000.

MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16: 105M/13, 14). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.

Work History

Date	Work Type	Comment
12/31/2002	Ground Geophysics	EM survey.

12/31/2001	Geochemistry	Also soil sampling.
12/31/2001	Geology	
12/31/2001	Other	
12/31/1993	Trenching	
12/31/1990	Trenching	
12/31/1983	Trenching	
12/31/1965	Drilling	Three holes, 27.4 m.
12/31/1963	Trenching	
12/31/1921	Trenching	
12/31/1921	Trenching	
12/31/1921	Development, Underground	Dug 30 m adit.

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
096280	2012	GIS Compilation on the B Project Phase 2 2012 Work Program	Data Compilation - Pre-existing Data, Digitizing Data - Pre-existing Data		
095678	2010	Geochemical Report on the B Project	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
095637	2008	Geological, Geochemical and Prospecting Report on the B Project	Biogeochemistry - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Data Compilation - Pre-existing Data		
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		
094373	2002	2002 Geological, Geochemical and Geophysical Report on the B Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Prospecting - Other		
094275	2001	2001 Geological and Geochemical Report on the B Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology		
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		
060942	1970	Report on Aeromagnetic Survey-Keno Area, Yukon Territory	Magnetic - Airborne Geophysics		
092064	1963	The Silver Titan Story	Research/Summarize - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC014772	A brief report on the MC 1-8 and CM 1-7 claims - Keno Hill area, Yukon Territory		Property File Collection	Report
ARMC014822	Letter Re: property rubmission - Walter Malickey - 105M/13		Property File Collection	Miscellaneous Company Documents