



Occurrence Details

Occurrence Number: 1150 137
Occurrence Name: Dom
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/29/2025 7:13:50 AM

General Information

Secondary Commodities: gold, silver, tin
Deposit Type(s): Unknown
Location(s): 63°50'10" N - -138°47'2" W
NTS Mapsheet(s): 115015
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Dom cl 1-207 (YA80272) in Jun/84 by a joint venture between United Keno Hill Mines Ltd and Falconbridge Ltd, which drilled a fence of nine percussion holes (551.7 m) later in the year.

Restaked within Sur cl 1-625 (YB81782) in Jun/96 by Barramundi Gold Ltd which carried out a large regional geological mapping, rock and silt sampling program later in the year.

In Jun/2000 KSL Exploration (Yukon) Ltd, a wholly owned subsidiary of Klondike Source Ltd; a public company registered in Australia, staked KSL cl 1-59 (YC20057) 2.5 km to the northeast. In Aug/2000 KSL added KSL cl 75-108 (YC20406) to their claim holdings. The company collected nine lines of soil samples across the entire claim block in Sep/2000. All of the soil samples were analyzed using Mobile Metal Ion (MMI) geochemistry.

Capsule Geology

The area is underlain by muscovite and chloritic quartzite, quartz-muscovite-chlorite schist and rusty weathering quartz-muscovite schist of the Permian Klondike Schist Assemblage (units Pks and Psqm). The Dom claim block covered the entire gravel-filled valley of Dominion Creek. None of the percussion drill holes encountered anomalous values.

Silt sampling carried out by Barramundi return a strong tin anomaly upstream from the occurrence site. The survey also returned a strong mercury and moderate arsenic anomaly from Kelly Pup located approximately 1 km to the southeast.

Soil sampling by KSL Exploration outlined weak to moderate gold response (up to 10 ppb gold) on parts of the KSL claim block, which the company attributed more to the contrast inherent in Mobile Metal Ion geochemistry than in the presence of any actual mineralization.

References

BARRAMUNDI GOLD LTD, Aug/97. Assessment Report #093711 by R. Stevens.

KSL EXPLORATION (YUKON) LTD, Dec/2001. Assessment report #094268 by R.G. Adamson and C.M. Thomas.

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

UNITED KENO HILL MINES LTD, Jun/85. Assessment Report #091634 by D.R. Prince.

YUKON EXPLORATION 1985-86, p. 371; 2000.

YUKON GEOLOGY AND EXPLORATION 2000, p. 20, 25.

Work History

Date	Work Type	Comment
12/31/2000	Geochemistry	KSL Exploration collected soil samples from KSL claims. Samples analyzed by Mobile Metal Ion geochemistry.
12/31/1996	Geochemistry	
12/31/1996	Geology	
12/31/1996	Geochemistry	
12/31/1984	Drilling	Nine holes, 551.69 m. Drilled a fence of percussion holes.
12/31/1984	Airborne Geophysics	Also possibly EM survey.
12/13/1984	Ground Geophysics	Also VLF-EM surveys. Localized.

Assessment Reports that overlap occurrence

Report	Year	Title	Worktimes	Holes	Meters
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Number	Year	Title	Work Types	Drilled	Drilled
096971	2014	Assessment Report for Quartz Renewal: Test Trenching, Prospecting & Geochemical Analysis	Rock - Geochemistry, Bulk Sample - Lab Work/Physical Studies, Hand - Trenching		
096270	2011	Soil and Rock Sampling of 2011 Trenches	Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Hand - Trenching, Hand - Trenching		
095533	2010	Geological Assessment Report on and near Dominion and Portland Creeks	Rock - Geochemistry, Prospecting - Other		
095298	2009	Geological Assessment Report CAu Property	Rock - Geochemistry, Prospecting - Other, Backhoe - Trenching		
094021	1999	Detailed Airborne Magnetism and VLF-EM over the Klondike District, Dawson City - 1999	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
092743	1988	Geological Mapping and Trenching of the 1987 Soil Geochemical Anomalies on the Mackay, Dominion, Hunker, Dome, and King Solomon Dome Grids	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, 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
060149	1972	Geological and Geochemical Report Yukon Quartz Mineral Claims	Silt - Geochemistry, Soil - Geochemistry		