



Occurrence Details

Occurrence Number: 1150 120
Occurrence Name: Envoldsen
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 12/16/2025 5:22:14 PM

General Information

Deposit Type(s): Ultramafic Mafic Gabbroid Cu-Ni-PGE
Location(s): 63°58'7" N - -138°57'42" W
NTS Mapsheet(s): 115015
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Asbestos cl (57708) in Oct/51 by F.E. Envoldsen. Restaked as Hun cl (YA79929) in Jun/84 by a joint venture between United Keno Hill ML and Falconbridge L, which explored with mapping, geochem and VLF-EM surveys in 1987. Arbor Resources tied on 29 GBC cl (YB41348) southeast of the Hun group in Aug/92. The GBC 1-29 cl were transferred to Klondike King Gold Corp in Jan/93, and optioned to Kennecott Canada Inc in May/93. Kennecott Canada Inc performed a limited soil geochemical survey in Aug/93. In Jan/95 the GBC claims were transferee to Sultan Minerals Limited. In Mar/99 Barramundi completed 3 850 line km of detailed airborne magnetometer and VLF-EM surveying that covered a 16 x 24 km area centered about King Solomon Dome and included this occurrence.

Capsule Geology

The 1951 claims are mainly underlain by chlorite schist of the Permian Klondike Schist Assemblage (unit Psc). The claims are thought to have been staked over a strong aeromagnetic anomaly, which appears to be due to the presence of a magnetite-rich metagabbro body within the mafic schists (unit Pg). The 1993 soil sampling returned one sample which was slightly anomalous in gold.

References

BARRAMUNDI GOLD LTD, May/99. Assessment Report #094021 by W.A. Sears.

KENNECOTT CANADA INC., May/94. Assessment Report #093207 by R. Cranswick and A. Doyle.

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., 1988. Assesment Report #092591 by A.J. McFaul

UNITED KENO HILL MINES LTD., 1990. Assesment Report #092786 by A.J. McFaul

YUKON EXPLORATION 1985-86, p. 371.

Work History

Date	Work Type	Comment
12/31/1999	Airborne Geophysics	Also VLF-EM survey. Regional program.
12/31/1987	Geology	
12/31/1987	Geochemistry	
12/31/1987	Ground Geophysics	Also VLF survey.
12/13/1993	Geochemistry	

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		
094982	2006	Geochemical Report Crown Jewel	Soil - Geochemistry		
094021	1999	Detailed Airborne Magnetics 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		
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