



## Occurrence Details

**Occurrence Number:** 1150 120  
**Occurrence Name:** Envoldsen  
**Occurrence Type:** Hard-rock  
**Status:** Anomaly  
**Date printed:** 4/29/2025 7:23:25 AM

## 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
<a href="#">094981</a>	2007	Assessment Report on 2007 Soil Sampling Mapping and Prospecting on the Crown Jewel Property	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
<a href="#">094982</a>	2006	Geochemical Report Crown Jewel	Soil - Geochemistry		
<a href="#">094021</a>	1999	Detailed Airborne Magnetics and VLF-EM over the Klondike District, Dawson City - 1999	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		

<a href="#">092743</a>	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		
<a href="#">092690</a>	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		
<a href="#">091634</a>	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