



Occurrence Details

Occurrence Number: 115N 163
Occurrence Name: Tr5
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/14/2025 4:54:19 PM

General Information

Secondary Commodities: gold
Deposit Type(s): Skarn Au
Location(s): 63°27'10" N - -140°1'52" W
NTS Mapsheet(s): 115N08
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Flume cl 92-153 (YC12443) in Sep/98 by Phelps Dodge Corporation of Canada Ltd, which carried out reconnaissance geochemical sampling at that time. Phelps Dodge carried out grid geochemical soil sampling, prospecting and geological mapping in 1999 and additional geochemical sampling and trenching in 2000.

Capsule Geology

The area is underlain by Devonian, Mississippian and possibly older (?), quartzite orthogneiss and thickly layered marble of the Yukon Tanana Terrane which have been intruded to the north and east by a mid-Cretaceous aged biotite-quartz monzonite stock and later quartz feldspar porphyry dykes. An extensive area of high Au (to 1 317 ppb) and As (to 2 490 ppm) concentrations in soil was identified by Phelps Dodge in 1999. Sampling was concentrated on two separate grids, known as Grid A (Minfile Occurrence #115N 10) and Grid B (this occurrence) and the strongest anomalies were followed up by trenching. Trenching of the main anomaly on Grid B to test for a bedrock source of sphalerite and galena-bearing boulders previously located, exposed gold, arsenic, lead and zinc mineralization associated with skarn alteration in marble that is interbedded with quartz-mica schists. Three or four poorly defined silicified felsic intrusive dykes, 10 cm to 1 m wide, were also exposed in the trench (TR5). The trench was sampled on two and three metre intervals over 41 m and two consecutive chip samples across skarn and dyke returned 1 199 ppb Au with 261 ppm As over 6 m, high levels of Pb, Zn and Ag were also returned from these samples.

References

PHELPS DODGE CORPORATION OF CANADA LTD, May/99. Assessment Report #093991 by G. Kulla.

PHELPS DODGE CORPORATION OF CANADA LTD, Mar/2000. Assessment Report #094090 by S.W. Wetherup and R.C. Cameron.

PHELPS DODGE CORPORATION OF CANADA LTD, Mar/2001. Assessment Report #094202 by G. Kulla.

TEMPELMAN-KLUIT, D.J., 1974. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon. Department of Energy Mines and Resources; Geological Survey of Canada Paper 73-41, 97 p.

YUKON EXPLORATION AND GEOLOGY 1999, p. 16; 2000, p. 19.

Work History

Date	Work Type	Comment
12/31/2000	Trenching	
12/31/2000	Other	
12/31/1999	Geology	
12/31/1999	Geochemistry	
12/31/1999	Other	
12/31/1998	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096023	2011	Flume Property Assessment Report 2011	Soil - Geochemistry, Soil - Geochemistry		
095536	2010	Geophysical Report on the Line 1-60 and Line 61-100 Claims	Magnetic - Airborne Geophysics		

094447	2003	2003 Geological and Geochemical Report on the Flume-Ten Property, Yukon Territory	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
094202	2000	Geological and Geochemical Report on the Flume Group of Mineral Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching, Hand - Trenching		
094071	1999	Geological and Geochemical Report on the Ten Mile Creek-Intrusion Related Gold Target-West Central Yukon Territory	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Petrographic - Lab Work/Physical Studies		
094090	1999	Geological and Geochemical Report on the Flume Group of Mineral Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
093991	1998	Geochemical Report on the Flume Group of Mineral Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012784	Geology map of 115-N-8 - Stewart River area		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012791	Air photo and traverse overlay maps with notes - Ladue Creek area and Dawson Creek area.		Property File Collection	Geoscience Map (General)
ARMC016534	Geochemical map -1150/5 - Excelsior Creek		Property File Collection	Geochemical Map
ARMC012788	Map of Ladue Creek area with geochem. notations - Aeromagnetic series - Map 4280G - 115-N-8		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012785	Map of Ladue Creek area with geochemical results plotted - Aeromagnetic series map 4280G - 115-N-8		Property File Collection	Geochemical Map
ARMC012786	Map of Ladue Creek area with geochemical results plotted - Aeromagnetic series map 4280G - 115-N-8		Property File Collection	Geochemical Map
ARMC012789	Map of Ladue Creek area with geology notations - Aeromagnetic series - Map 4280G - 115-N-8		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012787	Map of Ladue Creek area with geology notations and legend - Aeromagnetic series map 4280G - 115-N-8		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012790	Map of Ladue Creek area with notations (waterways)- Aeromagnetic series map 4280G - 115-N-8		Property File Collection	Geophysical Map
ARMC012796	Map 115-N-8 of Dawson Creek area with geochemical locations - Aeromagnetic series map 4280G		Property File Collection	Geophysical Map
ARMC012795	Map 115-N-8 of Dawson Creek area with geochemical results plotted - Aeromagnetic series map 4280G		Property File Collection	Geophysical Map