



Occurrence Details

Occurrence Number: 105D 090

Occurrence Name: Adastral

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 7/19/2025 6:14:31 AM

General Information

Secondary Commodities: copper, fluorite, gold, lead, silver, zinc

Aliases: Ruby

Deposit Type(s): Vein Au-Quartz

Location(s): 60°0'42" N - -135°18'57" W

NTS Mapsheet(s): 105D03

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Ridge cl 1-14 (Y67077) in Aug/72 by J. Woodcock, which were transferred to Adastral Resources Ltd and optioned briefly to Jorex Ltd and Dome Exploration (Canada) Ltd, which performed mapping and hand trenching in 1973. Kennco (Canada) Ltd tied on Goat cl 1-16 (YA51940) in Sep/80 and performed mapping and geochem surveys in 1981. Adastral trenched in 1986, optioned the Kennco claims and performed mapping and sampling in 1987, prospected and drilled 7 holes (381 m) in 1988, and performed hand trenching and metallurgical testing in 1989.

Adastral dropped its option on the Kennco claims in Jul/91, but maintained its own claims in the area. R. Bilquist tied on Aul cl 1-24 (YA87137) to the northwest in Jun/85, performed geochem surveys in 1985 and 1986 and optioned the claims to Sirius Resources Corporation Ltd, which carried out mapping and geochemical sampling in 1987. Adastral Resources staked the Ken 1-2 cl (YB46472) in Nov/93.

Restaked as Met cl 1-42 (YC09290) in Feb/99 by Tiberon Minerals Ltd which carried out a preliminary program of geological mapping, trenching, sampling and magnetometer and VLF-EM geophysical surveys in Jun/99. In late Jul/99 the company drilled 4 diamond drill holes (415.9m) and added Met cl 43-48 (YC1787).

Capsule Geology

The property lies near the centre of the Eocene Bennett Lake Caldera, a circular (23 km diameter) sequence of flat lying tuffs and ignimbrites bounded by a discontinuous ring dyke. The Bennett Lake Caldera occurs within crystalline rocks of the Coast Plutonic complex. Four areas of vein and stringer mineralization up to 270 m long and 100 m wide have been identified in the surrounding volcanic rocks.

The original discovery made by Woodcock (1973) consists of two vein systems; MacAuley Creek West (occurrence 4A4) and MacAuley Creek East (occurrence 4B4), also referred to as the Discovery showing in some reports. Later exploration located the Jake showing, south of occurrence 4A4 and the Mouse showing located east of occurrence 4B4. Numerous other small vein systems have been reported in the area.

At the Discovery occurrence (occurrence 4B4), gold and silver occur in steeply dipping quartz veins in a 30 m wide alteration zone. Vein minerals include arsenopyrite, pyrite, galena, chalcopyrite and argentite associated with chalcedonic quartz, carbonate and occasionally fluorite gangue. Specimens of float assayed up to 33 599 g/t Ag, 33.3 g/t Au, 2% Cu, 3% Pb and 1% Zn. Mineralization is erratic and individual zones range from a few centimetres to about 2 metres in width. A chip sample from the Discovery occurrence assayed 5 974.2 g/t Ag and 6.9 g/t Au across 1.8 metres.

Prospecting by Bilquist in 1986, west of Occurrence 4A4, on the Aul claims, located a number of silver in quartz veins, samples of which assayed up to 339.4 g/t Ag.

In 1988 the source of the Mouse showing was discovered with the surface discovery of two north-striking high-grade silver veins (Steve and Connie), approximately 1 km east of occurrence 4B4. Chip sampling of the veins returned up to 6 102.7 g/t Ag and 67.5 g/t Au over 2.1 m at the Steve vein, and 11 663.7 g/t Ag and 1.0 g/t Au over 1.6 m at the Connie vein. A series of chip samples across the Steve vein in 1989 averaged 3 119.9 g/t Ag and 6.0 g/t Au over 1.8 m along a 76 m strike length. Preliminary flotation tests recovered 95% of the silver and 90% of the gold from a zinc-lead-pyrite concentrate with an 8.3:1 concentration ratio.

Tiberon Minerals restaked most of the veins located in the area except for those located at occurrence 4B4, which were covered by competitor claims. The company focused their attention on the area around the Steve and Connie veins. The first phase of their exploration program uncovered 4 additional veins in the immediate vicinity of the Steve and Connie veins. These veins labeled the Brian, Tom, Mike and Dave veins range in strike length from 5 to 25 m and average between 0.5 and 1.2 m in width. Economic potential of these veins are limited due to their relatively short strike lengths.

Eight trenches totalling 47 m were excavated by hand; six on the Connie vein and the remaining two on the North fault. Trench samples collected across the Connie vein ranged from 34 g/t to 5 314 g/t Ag while samples collected from the North fault returned less than 34 g/t Ag. None of the samples returned gold values greater than 0.3 g/t. Neither the VLF or magnetics surveys identified any significant structures but this may have been a result of its limited size.

Tiberon's drill program focused on the Steve and Connie veins. Two drill holes were collared on each vein to test mineralization at depth. The best results were obtained on the Connie vein which returned 211.5 g/t Ag and 0.71 g/t Au over a true thickness of 6.5 m.

References

ADASTRAL RESOURCES LTD, Apr/87. Prospectus Report #062290 by J.R. Woodcock.

ADASTRAL RESOURCES LTD, Sep/88. Assessment Report #092518 by J.R. Woodcock.

EAGLET MINES LTD, Aug/86. Assessment Report *#091849 by A.W. Gourlay.

EAGLET MINES LTD and SIRIUS RESOURCES CORPORATION, Oct/87. Assessment Report *#091962 by A.W. Gourlay.

GEOLOGICAL SURVEY OF CANADA, 1968. Report of Activities, Part A: May to October, 1967. Paper 68-1A, p. 32.

GEOLOGICAL SURVEY OF CANADA, 1969. Paper 69-1A, Report of Activities, Part A, April to October, 1968, p. 21-23.

GEORGE CROSS NEWSLETTER, 29 Mar, 11 Aug/88; 7, 9 Jun/89; 2 Aug/91.

JOREX LIMITED AND DOME EXPLORATION (CANADA) LTD, Sep/73. Assessment Report #060134 by J.R. Woodcock.

KENNCO EXPLORATION LTD, Nov/81. Assessment Report #090910 by R. Pegg.

LAMBERT, M.B., 1974. The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory. Geological Survey of Canada, Bulletin 227, p. 139-140.

MINERAL INDUSTRY REPORT 1973, p. 77-78.

TIBERON MINERALS LTD, Mar/2000. Assessment Report #094100 by B. Meyer.

YUKON MINING AND EXPLORATION OVERVIEW, 1988, p. 20; 1989, p. 9.

YUKON EXPLORATION AND GEOLOGY 1981, p. 116; 1999, p. 18, 30-31.

YUKON EXPLORATION 1985-66, p. 196-197; 1987, p. 130; 1989, p. 36.

Work History

Date	Work Type	Comment
12/31/1999	Geochemistry	
12/31/1999	Drilling	Four holes, 415.9 m.
12/31/1999	Ground Geophysics	Also VLF-EM survey.
12/31/1999	Trenching	
12/31/1989	Lab Work/Physical Studies	
12/31/1989	Trenching	
12/31/1988	Drilling	Seven holes, 380.9 m.
12/31/1988	Other	
12/31/1987	Geochemistry	Sampled showings.
12/31/1987	Geology	
12/31/1986	Trenching	
12/31/1981	Geology	
12/31/1981	Geochemistry	Also heavy mineral, rock and silt sampling, reconnaissance scale.
12/31/1973	Trenching	
12/13/1986	Geochemistry	
12/13/1986	Other	
12/13/1973	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
062290	1988	Prospectus Macauley Creek Property	Property Evaluation - Other, Research/Summarize - Pre-existing Data		
091728	1987	Preliminary Evaluation Report on the Golden Partridge Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
090910	1981	Geological and Geochemical Report on the Goat Groups 1-9	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
060134	1973	Geological Report MacAuley Creek Silver-Gold Prospects	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC005319	Geological report - Macauley Creek silver-gold prospects - Ridge mineral claims No. 1 to 30		Property File Collection	Report
ARMC005320	Certificate of analysis - Ridge group		Property File Collection	Assays
ARMC005321	Correspondence Re: Ridge property		Property File Collection	Miscellaneous Company Documents
ARMC005322	Regional report - Ridge property		Property File Collection	Report
ARMC005323	Property submission report - Ridge		Property File Collection	Report
ARMC005324	Geology map - Wheaton River project - MacAuley Creek - West		Property File Collection	Geoscience Map (Geological - Bedrock)

