



Occurrence Details

Occurrence Number: 105D 185

Occurrence Name: Bronco

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 5/4/2025 6:09:03 PM

General Information

Deposit Type(s): Unknown

Location(s): 60°28'33" N - -134°12'6" W

NTS Mapsheet(s): 105D08

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Bronco cl 1-10 (YB8141) by N. Horiuchi in Dec/87. N. Horiuchi staked Yuda cl 1-4 (YB27615) 600 m southwest of the Bronco claims in Jun/90 and carried out prospecting, soil sampling and trenching in 1991 and trenching in 1992. Horiuchi also staked the GR 1-20 cl (YB36097) 5 km southeast of the Yuda claims in Jul/91 and carried out hand trenching in 1992. In Aug/94 R. Berdahl staked Gary 1-6 cl (YB47294) 2 km southwest. Horiuchi carried out 1 224 cu m of trenching on the GR claims in Oct/94. In Mar/95 J. Clarke staked Uchi 1-2 (YB57479) on the southeast end of the Gary claims and carried out prospecting and sampling in Aug/95. Clarke added Uchi cl 3-4 (YB66545) to the southeast in Jan/96, restaked the Gary claims as Uchi cl 5-10 (YB66547) at the same time and added Uchi cl 11-12 (YB66629) in Mar/96. He carried out prospecting in 1996 and 1997 and hand trenched in 1997. R. Hamel staked Nick cl 1-14 (YB66657) on the north boundary of the Uchi claims in Apr/96. In Aug/97, C. Kuntz staked Ovid cl 1-10 (YC08047) on the west boundary of the Uchi claims and Clarke partially restaked the Nick claims as Uchi cl 25-28 (YC08247). In Aug/2001 J. Clarke staked Uchi cl 1-4 (YC19337), 2 km southwest of the occurrence. All previously staked Uchi claims had by this time expired. Clark carried out a small prospecting program over the following year.

Capsule Geology

The claims cover the faulted contact between Permian to Triassic metavolcanic rocks of the Cache Creek Group, and Jurassic Laberge Group sedimentary rocks of the Whitehorse Trough. The fault trace is marked by a linear belt of carbonatized ultramafic bodies and quartz-carbonate-chrome mica alteration ('listwanite'). Quartz veins and stockwork in the hanging wall volcanic rocks returned anomalous As, Sb, Ag, Cu and Au values. A close-spaced fracture cleavage extends outward from the contact tens of metres into the hanging wall. Clarke staked the claims to cover several strong EM conductors revealed in a 1994 government funded airborne geophysical survey. The exploration program was cursory in nature and was carried out to verify the geophysical survey results. Clarke collected three samples from sheared chert of which one sample assayed 29 ppb Au. Clark's work in 1996 confirmed the presence of ultramafic volcanics and cherts both of which are common to listwanite deposits and the 1997 trenching revealed a number of fault structures containing weak sulfide mineralization. Clarke's 2001-2002 prospecting program was focused at trying to locate the trace of airborne geophysical anomalies reported in the 1994 government geophysical survey. Although numerous small showings containing disseminated pyrite were identified, none returned anomalous mineralization.

References

CLARKE, J., Apr/96. Assessment Report #093418 by J. Clarke.

CLARKE, J., Jan/97. Assessment Report *#093660 by J. Clarke.

CLARKE, J., Mar/97. Assessment Report #093596 by J. Clarke.

CLARKE, J., Jul/98. Assessment Report #093876 by J. Clarke.

CLARKE, J. Feb/03. Assessment Report #094357 by J. Clarke.

DIGHEM I POWER, 1994. Airborne EM and MAG Surveys, Jakes Corner Project. DIAND Open File 1994-10 (G).

HUNT, J.A. et al., 1995. Interpretive geology of the Jakes Corner geophysical survey area (105C/5, 105D/8 and 9). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File 1995-5 (G). 1:50 000 scale map and report.

Work History

Date	Work Type	Comment
12/31/2002	Trenching	
12/31/2002	Other	
12/31/2001	Trenching	
12/31/2001	Other	Clarke carried out small prospecting program over the following year.
12/31/1997	Trenching	

12/31/1997	Other	
12/31/1996	Other	Work was carried out on Uchi cl 1-2.
12/31/1995	Other	Clark prospected on Uchi claims.
12/31/1994	Trenching	Horiuchi carried out 1 224 m3 of trenching on GR claims.
12/31/1992	Trenching	
12/31/1992	Trenching	
12/31/1991	Geochemistry	
12/31/1991	Trenching	
12/31/1991	Other	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
019593	1967	Report Airborne Electromagnetic and Magnetometer Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		