



Occurrence Details

Occurrence Number: 116B 107

Occurrence Name: Sumting

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 10:41:58 AM

General Information

Secondary Commodities: gold, uranium

Aliases: Aril, Horn

Deposit Type(s): Skarn Au

Location(s): 64°26'28" N - -138°37'22" W

NTS Mapsheet(s): 116B07

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked in Sep/76 following airborne radiometric surveys as Gril cl 1-4 (YA9545) by Prism Syndicate (Prism Resources Ltd, Canex Placer, Granby Mines Ltd and Chieftain Development Company Ltd) and as Sumting cl 1-22 (YA9486) to the southwest in Sep/77 by Ukon Joint Venture (Chevron and Kerr Addison mines Ltd). Ukon Joint Venture carried out geological mapping, prospecting, geochemical sampling and radiometric surveying in 1977.

In Aug/91, R. Berdahl staked Wall cl 1-7 (YB40204) 4 km to the north.

Partially restaked as the Horn cl 1-18 (YC03762) in Mar/97 by Canadian United Minerals Ltd, which staked Horn cl 19-22 (YC03780) 3 km to the north at the same time. The company carried out prospecting and geochemical sampling later in 1997; prospecting, geochemical sampling, magnetometer surveying and trenching in 1998; additional trenching and sampling, geological mapping, detailed magnetometer surveying and drilling of 10 holes (114.85 m) in 1999; magnetometer, MaxMin EM and test I.P. surveying, trenching, geological mapping and drilling of 8 holes (359 m) in 2000; and geological mapping of some previously excavated trenches and drilling of 26 holes (1 039.05 m) and in 2001.

Capsule Geology

The claims cover a roof pendant of Permian to Jurassic aged limestone and slate 3.2 km long and 0.8 km wide within a pseudoleucite tinguaita phase of the mid-Cretaceous Tombstone syenite stock.

Work in the late 1970s identified minor amounts of disseminated uraninite occur in linear zones within the tinguaita, and grab sample assays returned up to 0.35% U3O8. Radiometric anomalies were found associated with skarn zones developed along the limestone-syenite contact and with narrow dykes cutting slates, but the best grab samples from these areas assayed only 0.02% U3O8.

In 1997 Canadian United began reevaluating the skarns for their Au bearing potential, based on the proximity of the claims to the Marn Cu-Au skarn deposit (Minfile Occurrence # 116B 147) which is located 7.5 km to the west-northwest. Reconnaissance soil sampling returned values up to 39.33 g/t Au, 33.4 g/t Ag and 2 700 ppm Cu and followup prospecting and trenching revealed the presence of high grade gold mineralization in massive to semi-massive pyrrhotite skarn developed in a lense within a layer of Permian Takhandit Formation limestone overlain by Jurassic aged schist.

Channel sampling of the discovery trench in 1999 returned values of 58.9 and 85.44 g/t Au over widths of 5.94 and 4.45 m, respectively. Ten short holes were drilled from the floor of the trench, seven of which intersected mineralized skarn. Significant intersections included 11.03 m grading 21.6 g/t Au from Hole 99-04 and 5.3 m grading 180.8 g/t Au from Hole 99-11.

In 2000 an extensive magnetic anomaly, with peak readings of over 2 000 gammas above local background, was identified south of the main showing in a rubble covered area possibly underlain by intrusive rock. This work served to approximately define the trend of the contact with the sedimentary rocks that host the main showing to the north. Three low order magnetic anomalies associated with this trend probably represent pyrrhotite bearing skarn. EM and I.P. surveying was hampered by the steepness of the local terrain and by the rocky nature of the overburden over much of the survey area and limited the effectiveness of these surveys. Trenching to extend previously excavated areas as a followup to the geophysical surveying was mostly inconclusive, except for trench T00-01 at the site of the main showing which exposed a 4.6 m width of massive to semi-massive pyrrhotite skarn which was chip sampled but not assayed.

Seven drill holes were completed in 2000, from three setups, to further test the main zone. Visible gold associated with siliceous sections within generally narrow skarn intersections were logged in four of the holes. Holes HS 00-06 and 07, drilled 15 m west of the main showing, contained only minor amounts of pyrrhotite and limit the westerly extent of the mineralized zone which remains open down dip and to the east.

Drilling in 2001 investigated other magnetic anomalies in the vicinity of the main showing with half the holes being drilled on an anomaly located approximately 225 m east-southeast of the main showing. Skarn and associated gold mineralization were found to be related to a narrow syenitic dyke in this area. Folding of the the receptive limestone layer at a depth of approximately 50 m limits the down dip potential of this target area.

Prospecting, 400 m east of the main showing, revealed numerous pieces of gold bearing gossanous float located in and above a talus fan. Grab samples of float from this area returned numerous high grade results, with peak values up to 168.49 g/t Au.

The claims now lie within the boundaries of the Tombstone Territorial Park, but as they were staked prior to an order in council prohibiting claim staking in this area the company retains the right to work the claims pursuant to the conditions of their current mining land use authorization.

References

BREMNER, T.J., 1994. Proposed Tombstone Park - Preliminary Review of Mineral Potential. Exploration and Geological Services Division, Indian and Northern Affairs Canada. Open File 1994-2(T), 115 p.

CANADIAN UNITED MINERALS INC, Aug/98. Assessment Report #093934 by S. Ryan.

CANADIAN UNITED MINERALS INC, Sep/99. Assessment Report #094020 by S. Ryan.

CANADIAN UNITED MINERALS INC, Jan/2000. Assessment Report #094068 by D. Tenny.

CANADIAN UNITED MINERALS INC, Jun/2001. Assessment Report #094210 by D. Tenny.

CANADIAN UNITED MINERALS INC, Jun/2001. Assessment Report #094299 by D. Tenny.

GEOLOGICAL SURVEY OF CANADA Paper 77-1B, p. 37-45.

HART, C.J.R., BAKER, T. and BURKE, M., 2000. New Exploration Concepts for Country-Rock-Hosted, Intrusion Related Gold Systems: Tintina Gold Belt in Yukon. In: The Tintina Gold Belt: Concepts, Exploraiton and Discoveries, British Columbia and Yukon Chamber of Mines, Special Volume 2, p. 145-171.

MINERAL INDUSTRY REPORT 1977, p. 54.

THOMPSON, R.I., ROOTS, C.F. AND MUSTARD, P.S., 1992. Geology of Dawson map area (116B, C) (northeast of Tintina Trench); Geological Survey of Canada, Open File 2849 (13 sheets, scale: 1:50 000).

UKON JOINT VENTURE, Jan/78. Assessment Report #090272 by A.R. Archer.

YUKON EXPLORATION AND GEOLOGY 1998, p. 10, 27; 1999, p. 7-8; 2000, p. 16, 25, 27; 2001, p. 15, 24, 25.

Work History

Date	Work Type	Comment
12/31/2001	Drilling	Twenty-six holes, 1,039 m.
12/31/2001	Geology	
12/31/2001	Trenching	
12/31/2000	Drilling	Eight holes, 359 m.
12/31/2000	Geology	
12/31/2000	Ground Geophysics	Also Max-Min, EM and IP surveys.
12/31/2000	Trenching	
12/31/1999	Geochemistry	
12/31/1999	Drilling	Ten holes, 114.85 m.
12/31/1999	Geology	
12/31/1999	Trenching	
12/31/1998	Geochemistry	
12/31/1998	Ground Geophysics	
12/31/1998	Trenching	
12/31/1998	Other	
12/31/1997	Geochemistry	Also rock and soil sampling.
12/31/1997	Other	
12/31/1977	Ground Geophysics	
12/31/1977	Geochemistry	
12/31/1977	Geology	
12/31/1977	Other	
12/31/1976	Airborne Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094299	2001	Assessment Report on 2001 Exploration of the Horn 1-18 Claims	Reclamation - Development, Surface, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Surveying - Other, Backhoe - Trenching	29	1039
094210	2000	Assessment Report on the 2000 Exploration of the Horn 1-18 Claims	Reclamation - Development, Surface, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics, Biophysical Mapping - Studies, Backhoe - Trenching	8	359
094068	1999	Report on 1998/99 Exploration of the Horn 1-18 Claims	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Metallurgical Tests - Lab Work/Physical Studies, Prospecting - Other, Backhoe - Trenching	11	114.79
094020	1998	Trenching and Geochemical Report on the Horn 1-18 Claims	Rock - Geochemistry, Soil - Geochemistry, Magnetics - Ground Geophysics, Prospecting - Other, Backhoe - Trenching, Handblast - Trenching		
003024	1997	Prospecting Geochemical Survey Horn 1-22	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry,		

090272	1977	Prospecting Geochemical Survey from 1-22	Prospecting - Other		
090272	1977	Assessment Report on the SUMTING 1-22 Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Gamma-ray Spectrometry - Ground Geophysics, Prospecting - Other		
090183	1977	Geochemistry, Geology, and Radiometric Survey on the TING, NOTING, and PROSPECTING Claims	Gamma-Ray Spectrometry - Airborne Geophysics, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Bedrock Mapping - Geology, Gamma-ray Spectrometry - Ground Geophysics, Petrographic - Lab Work/Physical Studies, Prospecting - Other		
090184	1976	Report on Geochemistry, Geology and Radiometric Survey on the NEBULOUS 1-33 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Gamma-ray Spectrometry - Ground Geophysics, Petrographic - Lab Work/Physical Studies		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006891	Fig. U-TS2 - Geochemistry map - Tombstone area - Ukon joint venture		Property File Collection	Geochemical Map
ARMC006890	Fig. U-TS1 - Radiometrics map - Tombstone area - Ukon joint venture		Property File Collection	Geophysical Map