



Occurrence Details

Occurrence Number: 116B 151
Occurrence Name: Tombstone
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/16/2025 1:08:01 AM

General Information

Secondary Commodities: uranium
Aliases: Myrna, No, Peggy, Snow, Ting
Deposit Type(s): Uranium
Location(s): 64°23'34" N - -138°41'27" W
NTS Mapsheet(s): 116B07
Location Comments: 1 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Probably first staked as Myrna, Peggy, etc cl (13331) in Sep/20 by C. Fothergill, E.J. Corp & D.B. Cole, who filed annual trenching until 1927. Restaked as Snow cl (79083) in 1962 by Yukon Cons Gold Corp, which mapped in 1963, and as Ting & Noting cl (YA5027) in Jun/76 by Ukon JV (Chevron & Kerr Addison), which explored with geochem and radiometric surveys in 1976-77, rock trenching in 1977 and 14 holes (1687 m) in 1979. Chevron added Stone cl (YB17233) to the west in Jun/88 and performed prospecting and hand trenching later in the year.

Capsule Geology

Uranium is associated with biotite and disseminated purple fluorite plus rare interstitial uraninite in a pseudoleucite tinguaita phase along the southern margin of the Cretaceous Tombstone syenite stock. Ukon JV subdivided the tinguaita into three types: euhedral, foliated and aphanitic. Minor pyrrhotite, pyrite and traces of molybdenite occur throughout the tinguaita. Higher grade mineralization consists of uraninite and purple fluorite filling fine fractures within irregular stockworks, and linear zones containing uraninite, fluorite and molybdenite. Yellow secondary uranium minerals coat near-surface fractures.

Olade and Goodfellow reported a background range of 1 to 282 ppm Th and 3 to 86 ppm U in the syenite and 55 to 125 ppm Th and 3 to 206 ppm U in the tinguaita, rising to as much as 10 000 ppm U near mineralized zones which grade 0.2 to 2% U3O8. The drilling intersected better than 106 g/t U3O8 in bands 2 to 76 m thick. A number of narrow quartz veins cutting syenite adjacent to the tinguaita contain arsenopyrite, pyrite, chalcopyrite and sulphosalts with anomalous gold and silver values.

References

GEOLOGICAL SURVEY OF CANADA Bulletin 180.

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

NORTHERN MINER, 24 Nov/77.

MINERAL INDUSTRY REPORT 1976, p. 140-141; 1977, p. 53; 1978, p. 29.

OLADE, M.A., AND GOODFELLOW, W.D., Jun/78. Development of lithochemical and hydrochemical methods of exploration for porphyry uranium, molybdenum and tungsten mineralization, Tombstone Batholith. Paper presented at the International Symposium on Exploration Geochemistry, Denver.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 292.

YUKON JOINT VENTURE, 1976. Assessment Report *#090183 by A.R. Archer and E.P. Onasick.

YUKON JOINT VENTURE, Jan/78. Assessment Report *#090273 by A.R. Archer.

YUKON JOINT VENTURE, Mar/79. Assessment Report *#090443 by A.R. Archer.

YUKON JOINT VENTURE, 1979. Assessment Report *#090561 by A.R. Archer.

YUKON JOINT VENTURE, Jan/89. Assessment Report *#092674 by W.D. Eaton.

Work History

Date	Work Type	Comment
12/31/1979	Drilling	Sixteen holes, 1,774 m.
12/31/1977	Ground Geophysics	
12/31/1977	Trenching	
12/31/1976	Ground Geophysics	

12/31/1976	Geochemistry	
12/31/1976	Geochemistry	
12/31/1976	Geochemistry	
12/31/1976	Other	
12/31/1963	Geology	
12/31/1920	Trenching	Carried out 1920 - 1927.
12/13/1988	Trenching	
12/13/1988	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092674	1988	Prospecting and Hand Trenching at the TOMBSTONE Property	Rock - Geochemistry, Soil - Geochemistry, Gamma-ray Spectrometry - Ground Geophysics, Prospecting - Other, Data Compilation - Pre-existing Data, Hand - Trenching		
061932	1978	Reconnaissance Yukon [on the] TETA, BETA, JUG and ABBA Claims	Rock - Geochemistry, Bulk Sample - Lab Work/Physical Studies, Handblast - Trenching		
062003	1977	[1977 Reconnaissance Work on the TETA and BETA Claims]	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Gamma-ray Spectrometry - Ground Geophysics, Magnetics - Ground Geophysics, Cursory Property Visit - 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		
019458	1962	[1962 Work on SNOW Claim and Galena Farm and Melville Crown Grants]	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other, Research/Summarize - Pre-existing Data		

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