



## Occurrence Details

**Occurrence Number:** 105H 011

**Occurrence Name:** Max

**Occurrence Type:** Hard-rock

**Status:** Prospect

**Date printed:** 4/29/2025 7:05:33 AM

## General Information

**Secondary Commodities:** copper, gold, lead, silver, tungsten, zinc

**Aliases:** Dusty, Hy

**Deposit Type(s):** Skarn

**Location(s):** 61°17'20" N - -128°42'42" W

**NTS Mapsheet(s):** 105H07

**Location Comments:** .5 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked as BM cl 1-56 (88869) in August and Sep/64 by Yukon Pacific Prospecting Group (Asarco Exploration Company of Canada Ltd, Cerro Corporation and Duval Corporation), which carried out geological mapping, magnetic surveying and hand trenching in 1965. Restaked as Max cl 1-40 (Y17370) in Mar/67 by Max Martin and optioned until 1971 to Silver Duke Mines Ltd, which carried out magnetic and EM surveying, road building and drilled 2 holes (91 m) in 1968. In 1972, a new option was signed with Dusty Mac Mines Ltd, which added the Mar cl 1-32 (Y64438) in March and carried out geological mapping, magnetic surveying, grid soil sampling and trenching, before assigning the option to Pan Ocean Oil Ltd. Pan Ocean added the Rieta cl 1-26 (Y64853) and Wo cl 1-32 (Y70244) to the southeast in Oct/72. In 1973, Pan Ocean carried out geochemical surveying, geological mapping and bulldozer trenching of anomalies on the Rieta and Woo groups.

The claims reverted to Martin in 1974 and were transferred to Turner-Hindmarsh Tungsten Ltd, which bulldozer trenched and installed a single crushing/grinding circuit in 1977 to test the 'E' Zone. Canada Tungsten Mining Corporation added the Schee cl 1-23 (YA27483) and Lite cl 1-16 (YA27467) in Oct/77 and drilled 6 holes (342 m) in the 'E' Zone under a brief option. Turner-Hindmarsh changed its name to Tungco Resources Corporation in 1978, bulldozer trenched and drilled 8 holes (400 m) in the 'D' Zone in 1979 and drilled 4 holes (305 m) in the 'A' Zone in 1980. In 1982, the Rieta group was transferred to Score Resources Corporation and Vancliffe Resources Corporation, which carried out magnetic surveying and geological mapping in 1983. Clifton Star Resources Inc obtained the Schee and Lite claims in 1983 and carried out a brief examination that year.

Restaked as KM cl 1-49 (YB78583) by Finlayson Joint Venture Inc in Mar/96, who added TM cl 1-25 (YB78558) 3 km to the west at the same time. The company then carried out prospecting, geological mapping and magnetic surveying on the KM claims and prospecting with limited rock and stream sediment sampling on the TM claims.

#### Capsule Geology

Heavily disseminated galena, sphalerite and magnetite, and minor chalcopryite, occur in at least eight separate epidote-rich skarn zones developed in Devonian-Mississippian carbonate rocks adjacent to a Cretaceous batholith. Chip samples from trenches prior to 1972 gave the following assays:

ZONE WIDTH (m) Ag (g/t) Pb (%) Zn (%) Cu (%)

MAIN ('E') 2.0 120.0 2.3 1.9 ----

WEST (800 m west) 2.0 490.3 7.9 7.8 0.2

EAST (915 m SE) 2.0 600.0 7.2 3.8 1.8

Scheelite was first recognized in the 'E' Zone in 1972, and occurs in two other main localities, the 'R' and 'A' Zones, which lie to the south and are probably contiguous with the 'E zone' over a strike length of 700 m. These zones consist of sulphides and magnetite in diopside-garnet-tremolite-actinolite-epidote-chlorite-quartz skarn. Trench sampling of the 'E' Zone in 1977 gave assays of 0.6% WO<sub>3</sub> across a 3.6 m thickness, and 1.8 m of 0.5% WO<sub>3</sub>. Only a couple of kilograms of scheelite concentrate were produced in the mill and results of the 1977 program were disappointing. McLeod reported a 2.0 m chip assay of 939.4 g/t Ag and 4.1% W and a 4.6 m chip assay of 27.4 g/t Ag, 8.5% Pb, 6.6% Zn, 2.1% Cu and 0.3% WO<sub>3</sub> from trenches on the 'E' Zone.

The 'D' Zone lies 100 m north of the 'E' Zone and consists of magnetite-pyrrhotite skarn which returned low values of lead, zinc, silver and copper over thicknesses up to 12.5 m. A tungsten geochemical anomaly 2300 m south of the 'A' Zone covers an area where minor galena, sphalerite, chalcopryite, pyrrhotite and scheelite occur in tremolite-epidote skarns.

Placer Dome explored the Dolly claims for Fort Knox-type gold mineralization in 1992, but obtained no significant results.

The TM property lies within the Middle Cretaceous Mt. Billings batholith. Intrusive rocks vary from a grey, fine to medium grained quartz monzonite to granodiorite. A 50m X 20m hydrothermal breccia occurs near the margin of a feldspar porphyry dyke. A sample from a sheared limonitic zone within the granodiorite returned anomalous zinc (603ppm), Cu (195ppm), Ag (1.0 ppm), and Au (20ppb).

#### References

CANADA TUNGSTEN MINING CORPORATION, Mar/78. Assessment Report #091177 by D. Coffin.

CLIFTON STAR RESOURCES INC, Sep/83. Prospectus Report #062200 by C.J. Brown.

DICK, L.A., 1980. A comparative study of the geology, mineralogy, and conditions of formation of contact metasomatic mineral deposits in the northeastern Canadian Cordillera. Unpublished Ph.D. Thesis, Queen's University, p. 8, 163, 166, 169-181.

DUSTY MAC MINES LTD, Nov/72. Assessment Report #061958 by J.R. Glass.

FINLAYSON JOINT VENTURE INC, Feb/97. Assessment Report #093633 by C.G. Verley.

FINLAYSON JOINT VENTURE INC, Sep/97. Assessment Report #093709 by C.G. Verley.

MINERAL INDUSTRY REPORT 1973, p. 81-82.

PAN OCEAN OIL LTD, Oct/73. Assessment Report #060144 by J.S. Vincent.

SILVER DUKE MINES LTD, Dec/67. Assessment Report #019894 by D. Parent.

SILVER DUKE MINES LTD, May/68. Assessment Report #019126 by J.G. Baird.

SILVER DUKE MINES LTD, Aug/68. Assessment Report #019125 by G.P.E. White.

TUNGCO RESOURCES CORPORATION, Sep/79. Prospectus Report #061875 by D.W. Tully.

TUNGCO RESOURCES CORPORATION, Jan/81. Assessment Report #090702 by D.W. Tully.

YUKON PACIFIC PROSPECTING GROUP, Feb/66. Assessment Report #017454 by E.A. Ostensoe.

YUKON EXPLORATION AND GEOLOGY 1983. p. 180.

## Work History

Date	Work Type	Comment
6/1/2015	Geochemistry	
6/1/2015	Geochemistry	
6/1/2015	Ground Geophysics	
6/1/2015	Other	
6/1/2013	Airphotography	
6/1/2013	Geochemistry	
6/1/2013	Geochemistry	
6/1/2013	Geochemistry	
6/1/2013	Geology	
6/1/2013	Other	
6/1/2007	Geochemistry	
6/1/2007	Airborne Geophysics	
6/1/2007	Airborne Geophysics	
6/1/2007	Other	
6/1/2007	Development, Surface	
6/1/1979	Geochemistry	
6/1/1972	Geochemistry	
6/1/1972	Trenching	
6/1/1972	Geology	
6/1/1970	Other	
6/1/1968	Drilling	2 holes, 121.62 m
6/1/1968	Ground Geophysics	
6/1/1968	Ground Geophysics	
6/1/1968	Geochemistry	
6/1/1967	Geochemistry	
6/1/1965	Geochemistry	
12/31/1996	Geology	
12/31/1996	Ground Geophysics	
12/31/1996	Other	
12/31/1983	Geology	
12/31/1983	Ground Geophysics	
12/31/1980	Drilling	Four holes, 305 m. Collared on A-Zone.
12/31/1979	Drilling	Eight holes, 400 m. Collared on D-Zone.
12/31/1979	Trenching	
12/31/1977	Drilling	Six holes, 342 m.
12/31/1977	Development, Surface	Installed a single crushing/grinding circuit, E-Zone.
12/31/1977	Trenching	
12/31/1973	Geology	
12/31/1973	Geochemistry	

12/31/1973	Trenching	
12/31/1972	Geochemistry	
12/31/1972	Ground Geophysics	
12/31/1972	Trenching	
12/31/1967	Drilling	Two holes, 91 m.
12/31/1967	Trenching	
12/31/1967	Development, Surface	
12/31/1965	Geology	
12/31/1965	Ground Geophysics	
12/31/1965	Trenching	
12/13/1996	Geochemistry	Also rock sampling.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">096789</a>	2015	Geochemical Sampling, Prospecting, Geological Mapping and Ground Surveys at the Hy Property	Rock - Geochemistry, Soil - Geochemistry, Magnetics - Ground Geophysics, Prospecting - Other		
<a href="#">096571</a>	2013	Geochemical Sampling, Prospecting and Geological Mapping at the Hy Property	Orthophoto - Airphotography, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
<a href="#">095014</a>	2007	Assessment Report Describing Geophysical Surveys, Geochemical Sampling and Prospecting at the HY Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, All Weather Road - Development, Surface, Soil - Geochemistry, Prospecting - Other		
<a href="#">061958</a>	1972	[Geologic Mapping, Soil Sampling, Magnetometer Survey and Trenching on the Max and Mar Claims]	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Handblast - Trenching		
<a href="#">014973</a>	1970	Silver Duke Mines Ltd. The Max Claims	Prospecting - Other		
<a href="#">019126</a>	1968	Report on Turam Electromagnetic and Magnetometer Surveys	EM - Ground Geophysics, Magnetics - Ground Geophysics		
<a href="#">019894</a>	1967	[Geological Report on Max Claims]	Rock - Geochemistry		
<a href="#">018910</a>	1965	Geological and Geophysical Investigation of the ""Lake"" #9 to #16 and ""Glenna"" #1 to #8	Rock - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics		

### Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC006038</a>	Correspondence Re: Report on the Hyland River tungsten prospect		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC006039</a>	Regional geochemical survey map - Max Martin's Hyland River Pb-Zn-WO3-Cu property		Property File Collection	Geochemical Map
<a href="#">ARMC006040</a>	Regional soil geochemical survey map - Max Martin's Hyland River Pb-Zn-WO3-Cu property		Property File Collection	Geochemical Map
<a href="#">ARMC006041</a>	Regional geochemical map - Ag contour plan - Max Martin's Hyland River Pb-Zn-WO3-Cu property		Property File Collection	Geochemical Map
<a href="#">ARMC006042</a>	Regional geochemical map - Zn, Cu - Hyland River property		Property File Collection	Geochemical Map
<a href="#">ARMC006043</a>	Location map - Hyland River property		Property File Collection	Geoscience Map (General)
<a href="#">ARMC006044</a>	Regional geology map - Hyland River tungsten prospect		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC006045</a>	Sketch maps - Trenches B-D - Hyland River property		Property File Collection	Geoscience Map (General)
<a href="#">ARMC006046</a>	Geologic and trench map - Hyland River project		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC006047</a>	Claim map - Max Martin's Hyland River property		Property File Collection	Geoscience Map (General)
<a href="#">ARMC006048</a>	Claim map - Max Martin's Hyland River property		Property File Collection	Geoscience Map (General)
<a href="#">ARMC013697</a>	Preliminary examination of B.M. group of claims - R. McBean - 105H/2		Property File Collection	Report
<a href="#">ARMC014973</a>	The Max claims - Watson Lake mining division, Yukon Territory		Property File Collection	Report