



## Occurrence Details

**Occurrence Number:** 116B 064

**Occurrence Name:** Fifteen Mile

**Occurrence Type:** Hard-rock

**Status:** Showing

**Date printed:** 12/16/2025 4:49:54 PM

## General Information

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

**Aliases:** Chamox, Gem, Joe, Luck, Movie

**Deposit Type(s):** Vein Cu+/-Ag Quartz

**Location(s):** 64°45'3" N - 139°17'19" W

**NTS Mapsheet(s):** 116B14

**Location Comments:** .5 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked as Joe, Luck etc cl in Jun/58 by C. Rivers, A. Retallack, etc. Prospectors Airways investigated the claims with hand trenching later in the year. Restaked as Chamox cl (Y15373) in May/68 by F. Chudy and as Gem cl (Y37809) in May/69 by T. Hendry. Restaked as Movie cl 1-18 (YB53451) by M. Baknes in Aug/94. Later in the month Pendisle Resources Ltd. carried out a preliminary exploration program consisting of geological mapping and geochemical sampling. In Jun/96, High Sense Geophysics Ltd. under contract to Equity Engineering Limited flew a regional, helicopter borne, magnetic and radiometric survey over most of the Coal Creek Inlier, but no claims were staked.

#### Capsule Geology

The claims are underlain by Lower Proterozoic Quartet Group argillite. Mineralization occurs in cross-cutting siderite veins containing minor chalcopyrite. A specimen of mineralization assayed 3% Cu and 205.7 g/t Ag. Equity Engineering established a small soil sampling grid in the northeast part of the property over mineralization found by prospecting. The survey outlined two anomalies. The first area outlined a partially coincidental Pb, Zn and Ag anomaly approximately 300 m by 250 m in size. Samples from this zone returned values up to 1 340 ppm Pb, 532 ppm Zn and 1.2 ppm Ag. Float collected from this area returned up to 4.2% Pb, 7.82% Zn and 35 ppm Ag. The mineralization is hosted in Quartet Group sediments and appears to consist of disseminated galena and sphalerite within a quartz-carbonate stockwork. The second anomalous area is defined by a single soil sample that assayed 325 ppm Cu. No rock samples were collected although a sample collected 300 m to the southwest returned 926 ppm Cu. Sulphide mineralization is also associated with several dolomite-siderite-quartz veins which are exposed along a creek in the southwestern part of the claim block. The veins are 0.4 - 2.0 m wide and crosscut bedding within Quartet shales. Mineralization consists of blebs and disseminations of pyrite and chalcopyrite. A float sample consisting of blebs of chalcopyrite in parallel quartz-carbonate stringers within massive sparry siderite veins assayed up to 1.37 % Cu. The density of veins increases towards the breccia and their orientation come into line with the tabular steeply dipping breccia body. This relationship between the breccia and the veins suggests that the vein and breccia mineralizing events were synchronous. Silt sampling returned a few samples anomalous in one or more elements. The regional airborne geophysical survey outlined numerous northeast trending features which were interpreted as faults.

#### References

EQUITY ENGINEERING LTD, Apr/95. Assessment Report #093299 by R. Falls and M. Baknes.

ETHERIDGE HENLEY WILLIAMS & HIGH SENSE GEOPHYSICS LIMITED, Feb/97. Assessment Report #093600 by Allen Duffy et al.

GORDEY, S.P., MAKEPEACE, A.J., Bedrock Geology, Yukon Territory, 1:1000 000 scale map. Geological Survey of Canada, Open File 3754 and Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, Open File 2000-12.

LANE, R.A., AND GODWIN, C.I., 1992. Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier (NTS 116B/11,13,14), Yukon Territory. Exploration and Geological Services Division, DIAND, Open File 1992-1.

YUKON MINING INDUSTRY 1941-59, p. 126.

### Work History

Date	Work Type	Comment
12/31/1996	Airborne Geophysics	Also radiometric survey. Flown over the Coal Creek Inlier.
12/31/1994	Geochemistry	Also soil sampling.
12/31/1994	Geology	
12/31/1958	Trenching	
12/13/1994	Other	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">093600</a>	1996	Logistics Report for a Helicopter Magneitc and Gamma-Ray Spectrometer Survey of the MONSTER Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
<a href="#">093299</a>	1994	1994 Geological Report on the MOVIE 1-18 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		

### Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC016783</a>	Geochemical map - 116B/14		Property File Collection	Geochemical Map
<a href="#">ARMC013222</a>	Correspondence, notes, and sketch map of Chefkoi property 116-B-14		Property File Collection	Miscellaneous Company Documents