



## Occurrence Details

**Occurrence Number:** 106D 041

**Occurrence Name:** Elliot Ridge

**Occurrence Type:** Hard-rock

**Status:** Anomaly

**Date printed:** 8/5/2025 8:27:01 AM

## General Information

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

**Deposit Type(s):** Orogenic Au

**Location(s):** 64°27'54.12" N - -135°24'41.99" W

**NTS Mapsheet(s):** 106D06

**Location Comments:** Coordinates supplied by ATAC 2019

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked as Apex claim by J. McCluskey in 1922. Re-staked as Old Chum claim (16157) in May, 1926 by L.B. Erickson.

#### Capsule Geology

The occurrence area is located at the southern end of Elliott Ridge, between Castle and Elliot Creeks, approximately 38 km due north of McQuesten Lake. The area was regionally mapped by L. Green (1972) of the Geological Survey of Canada in 1961 as part of a helicopter-supported party known as Operation Ogilvie. C. Roots of the Geological Survey of Canada under contract with the Exploration and Geological Services Division (now part of the Yukon Geological Survey) remapped adjoining topographic map sheets 106D/8 and 106D/7 (East half) in 1990 and topographic map sheet 105M (1997) in the mid-1990's. D. Thorkelson (2000). also under contract with Exploration and Geological Services Division, remapped topographic map sheet 106D/16 to the north as part of a larger bulletin. The work of these geologists was incorporated into a geological compilation of the Yukon released by Gordey and Makepeace of the Geological Survey of Canada in 2003.

Based on the work of these geologists it is believed that the occurrence area is underlain by Lower Proterozoic Gillespie Lake Group dolomite which has been intruded by Middle Proterozoic resistant dark weathering diorite and gabbro sills and dykes assigned to the Hart River Sills. The occurrence consists of a poorly exposed 30 cm wide quartz vein containing chalcopyrite and a little galena cutting diorite. No assays have been reported.

## Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">096939</a>	2015	Technical Report and Preliminary Economic Assessment for the Tiger Deposit, Rackla Gold Project	VTEM - Airborne Geophysics, ZTEM - Airborne Geophysics, Mill/Concentrator Construction - Development, Surface, Tailings Pond - Development, Surface, Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Gravity Survey - Ground Geophysics, IP - Ground Geophysics, Resistivity - Ground Geophysics, Metallurgical Tests - Lab Work/Physical Studies, Data Compilation - Pre-existing Data, Data Compilation - Pre-existing Data, Environmental Assessment/Impact - Studies, Preliminary Economic Assessment - Studies, Resource Estimate - Studies	150	26846.60
<a href="#">096607</a>	2012	Assessment Report Describing Metallurgical Testing, Wildlife Monitoring, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Heritage/Archeological - Studies		
<a href="#">096597</a>	2012	Assessment Report Describing Geochemical Sampling, Auger Sampling, Geological Mapping, Diamond Drilling, and Geophysical Surveys	Air Strip - Development, Surface, Auger - Drilling, Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Prospecting - Other, Hand - Trenching	172	37340.37
<a href="#">095938</a>	2011	Assessment Report Describing Geochemical Sampling, Geological Mapping and Remote Sensing Surveys at the Rackla Gold Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, LIDAR - Remote Sensing, Heritage/Archeological - Studies		
<a href="#">095721</a>	2010	Assessment Report Describing Geophysics, Soil Geochemistry and Diamond Drilling at the Rau Property	Electromagnetic - Airborne Geophysics, Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Downhole Survey - Ground Geophysics, Gravity Survey - Ground Geophysics, IP - Ground Geophysics	170	36900.84

## Related References

Number	Title	Page(s)	Reference Type	Document Type
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<a href="#">ARMC008073</a>	Geochemical values map - Reef project - Castle Ridge detail area - Figure 9		Property File Collection	Geochemical Map
<a href="#">ARMC008074</a>	Castle Ridge geochem map - Reef project - Figure 21		Property File Collection	Geochemical Map
<a href="#">ARMC008088</a>	Castle Ridge detail area map - 1976		Property File Collection	Geoscience Map (General)
<a href="#">ARMC008089</a>	Castle Ridge detail area map - 1974		Property File Collection	Geoscience Map (General)
<a href="#">ARMC011912</a>	Geology compilation map - Castle Ridge detail area - Reef project - Figure 8		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">GM1997-1</a>	Bedrock geology of Mayo map area, central Yukon (NTS 105M)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Geoscience Map (Geological - Bedrock)
<a href="#">2003-9(D)</a>	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)
<a href="#">Z</a>	Geology of the Mayo Map Area, Yukon Territory (NTS 105M)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Bulletin
<a href="#">1990-3</a>	Geology of 106D/8 & 7 (East Half) Map Areas		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)
<a href="#">10</a>	Geology and Mineral Occurrences of Slats Creek, Fairchild Lake and "Dolores Creek" Areas, Wernecke Mountains (106D/16, 106C/13, 106C/14), Yukon Territory		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Bulletin