



Occurrence Details

Occurrence Number: 095D 002

Occurrence Name: Gusty

Occurrence Type: Hard-rock

Status: Showing

Date printed: 8/5/2025 9:03:39 AM

General Information

Secondary Commodities: copper

Deposit Type(s): Volcanogenic Sulphide - type not determined

Location(s): 60°23'47" N - -126°23'52" W

NTS Mapsheet(s): 95D08

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Discovered by H. Gabrielse and S.L. Blusson of the Geological Survey of Canada during a regional geological mapping project undertaken in 1967. L.C. Pigage (Yukon Geological Survey) and R.B. MacNaughton (Geological Survey of Canada) completed a short geological mapping program on topographic map sheet 095D/8 in Jul/2003. Fieldwork by Pigage continued in 2004 & 2005. The program was intended to clarify geological relationships implied from earlier regional geological mapping completed by Gabrielse and Blusson. It appears the area has never been staked.

Capsule Geology

Some uncertainty exists regarding the description and original location of this occurrence. Gabrielse and Blusson's geological map locates the occurrence on the south side of an unnamed creek while their structural (map) symbols suggests that they traversed along the north side of the creek. In addition their map suggests that the occurrence is hosted within unit 4b, Lower Cambrian sediments while the accompanying paper reports that malachite staining and, in places, blebs of chalcopyrite appears to be common in all of the volcanic rocks present in the map area.

A thorough investigation by Pigage and MacNaughton (2004) failed to locate any mineralization at the original locality. Pigage (pers. comm., 2005) did document volcanic rock enclosed by Cambrian to Ordovician sediments both upstream and downstream from the occurrence location. At these new locations Pigage observed malachite staining and chalcopyrite blebs in porphyritic basalt. The volcanic rocks occur as distinct horizons within the Upper Cambrian to Lower Ordovician Crow Formation (Pigage, 2009).

Work History

Date	Work Type	Comment
12/31/2005	Geology	Geological mapping continued by Pigage (Yukon Geological Survey).
12/31/2004	Geology	Geological mapping continued by Pigage (Yukon Geological Survey).
12/31/2003	Geology	Geological mapping undertaken by Pigage (Yukon Geological Survey) and MacNaughton (Geological Survey of Canada).
12/31/1967	Geology	Regional geological mapping conducted by Geological Survey of Canada.

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG2003-16	Reconnaissance geology of northern Toobally Lake (95D/8), southeast Yukon	199-219	Yukon Geological Survey	Annual Report Paper
2011-1	Bedrock geology of Coal River map area (NTS 95D), Yukon		Yukon Geological Survey	Open File (Geological - Bedrock)
16	Bedrock geology of NTS 95C/5 (Pool Creek) and NTS 95D/8 map sheets, southeast Yukon		Yukon Geological Survey	Bulletin
2004-19	Preliminary geology of NTS 95D/8 (northern Toobally Lakes area), southeast Yukon (1:50,000 scale)		Yukon Geological Survey	Open File (Geological - Bedrock)