Occurrence Details

Occurrence Number: 106C 088
Occurrence Name: Super Dave
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 2:16:24 AM

General Information

Secondary Commodities: copper, lead, silver
Aliases: North Rackla
Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 64°28'48" N - -133°44'37" W
NTS Mapsheet(s): 106C05
Location Comments: No map or assessment report of original work available. Based on entry in Northern Cordilleran Mineral Inventory fore runner to Yukon Minfile.
Hand Samples Available: No
Last Reviewed: Oct 31, 2017

Capsule

WORK HISTORY

Staked as Super Dave cl 1-2 (YB02718) in Aug/88 by NDU Resources Ltd which appears to have carried out a minor sampling program before allowing the claims to lapse the following year.

The occurrence was restaked within NR cl 1-651 (YF43001) in Aug/2012 by Cantex Mine Development Corp. In 2012 the company collected a heavy mineral sample approximately 0.5 km downstream from the occurrence. In 2013 Cantex carried out grid soil sampling over the occurrence area. In Aug/2013 Cantex staked NR cl 651 - 712 (YF45450) on the south end of the claim block. It appears no further work was carried out around this occurrence.

Succeeding exploration programs were focused on the northeast side of the claim block, i.e. topographic map sheet 106C 12 (see Minfile Occurrence #106C 108).

GEOLOGY

Cantex Mine Development's North Rackla property lies within the Wernecke Mountain Range of east-central Yukon, approximately 140 kilometers north-northwest of the town of Mayo. The property straddle topographic map sheets 106C 05 and 12 and the Rackla River and its tributaries bisect the property along a general north-south trend. Access to the property is by helicopter from Mayo or the Rackla airstrip located approximately 45 km to the southeast. Much of the property is located in the alpine, with abundant outcrop and talus covered-slopes.

The area surrounding the North Rackla property has not yet been remapped by the Yukon Geological Survey, however beginning in 2010 the Survey initiated a regional mapping program of the Rackla belt located to the south (topographic maps sheets 106C 1 – 4, 106B 1) in order to provide updated geological information for the region. This information was combined with earlier mapping programs carried out to the north and northeast in the 1990's (Thorkelson, 2000), to create an updated regional geological bedrock map for the region. M. Colpron, of the Yukon Geological Survey released an updated regional geological bedrock map of the Yukon in 2016 which included information regarding the area encompassing the North Rackla property.

The property is mainly underlain by rocks assigned to the Quartet and Gillespie Lake Groups of the Wernecke Supergroup. The Quartet Group occurs in the northern and southern parts of the property and consist of black shale thin to thickly interbedded siltstones and fine grained sandstone with minor dolostone. These rocks are overlain by Gillespie Lake Group rocks which dominate the central portion of the property and consist of dolostone, interbedded with lesser black siltstone, shale and laminated mudstone and minor sandstone. Stratigraphic contact between units is conformable and gradational and both groups of rocks have been assigned a Paleoproterozoic age. The sequence is intruded by Hart River volcanic rocks of Mesoproterozoic age. They consist of resistant dark weathering, diorite-gabbro sills and dykes.

It appears NDU Resources employed Archer, Cathro and Associates (1981) Ltd to conduct a regional exploration program that operated from the Blende property (Minfile Occurrence #106D 064) located approximately 45 km to the southwest. Archer, Cathro reported the occurrence area is underlain by orange-, brown- and grey weathering dolostone, silty dolostone, interbedded with lesser black siltstone and shale, laminated mudstone, and quartzose sandstone assigned to the Paleoproterozoic Gillespie Lake Group.

The occurrence consists of a 2 m wide quartz-carbonate vein containing pyrite and chalcopyrite that cuts dolostone. The margins of the vein are highly altered and contain disseminated fine-grained galena. A specimen assayed 270.8 g/t silver, 0.4% lead and >1.0% copper. (These results were reported in the Northern Cordilleran Mineral Inventory, a database created by Archer, Cathro that was the fore runner to the Yukon Minfile database).

Cantex carried out a regional reconnaissance heavy mineral sampling program in 2011, the results of which led the company to stake a series of claims groups in and around the emerging Rackla belt, host of numerous discoveries of Carlin-type carbonate replacement gold mineralization. To date the company is focusing their efforts on exploring the North Rackla and the Mt Good properties. While initial exploration on the North Rackla property has been focused on identifying the presence of Carlin-type mineralization, exploration to date has identified other mineralization types.

Results from the heavy mineral sample and soil samples collected by Cantex did not return any anomalous results and no further work was carried out on or around the occurrence.

Work History

Date	Work Type	Comment
7/1/2020	Geochemistry	

7/1/2020	Other	
12/31/1988	Geochemistry	Showing was sampled.
12/31/1988	Other	Appears 1 day prospecting program carried out.
12/13/2013	Geochemistry	Grid soil samples collected over occurrence area.
12/13/2012	Lab Work/Physical Studies	One sample collected 0.5 km downstream from occurrence.
12/13/2011	Lab Work/Physical Studies	Regional program carried out.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097261	2018	Assessment Report on the 2018 Exploration Activity in North Rackla	Diamond - Drilling, Rock - Geochemistry	9	1490.27
096931	2015	Assessment Report on the 2015 Geochemical Survey Analytical Results - North Rackla Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
096603	2013	An Assessment Report of the North Rackla Claim Block, Mayo Mining District, Yukon Territory, Canada	Rock - Geochemistry, Soil - Geochemistry, Heavy Mineral Concentrate - Lab Work/Physical Studies, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG1988_89	Yukon Exploration 1988	p.140.	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report
YEG2011_OV	Yukon Exploration and Geology Overview 2011	p. 27.	Yukon Geological Survey	Annual Report
YEG2012_OV	Yukon Exploration and Geology Overview 2012	p. 36.	Yukon Geological Survey	Annual Report
YEG2013_OV	Yukon Exploration and Geology Overview 2013	p. 28, 42.	Yukon Geological Survey	Annual Report
10	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