Occurrence Details

Occurrence Number: 106C 108
Occurrence Name: North Rackla-Extension
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/6/2025 2:16:23 AM

General Information

Secondary Commodities: copper, gold, lead, manganese, silver, zinc
Deposit Type(s): Manto Polymetallic Ag-Pb-Zn
Location(s): 64°30'7.99" N - -133°41'10.05" W
NTS Mapsheet(s): 106C12
Location Comments: Location based on YKDD18-0012 drillhole collar (AR 097261)
Hand Samples Available: No
Last Reviewed:

Capsule

WORK HISTORY

Cantex Mine Development Corp was attracted to the area by the Carlin-type gold discoveries in the Rackla Gold Belt. The company carried out a regional reconnaissance heavy mineral sampling program in 2011. Based on results of the program the company staked NR cl 1 - 651 (YF43001) in Aug/2012 following which they collected 52 heavy mineral samples from creeks draining the claim block. During the 2013 exploration program the company carried out property-wide soil-talus and rock sampling and further heavy mineral sampling. The Extension Zone was discovered in 2013 as an extension to the Discovery Zone. In 2014 Cantex collected soil-talus, rock and heavy mineral samples over the property, but none of this work was filed. . In 2015 and 2016, Cantex prospecting in the occurrence area. In the fall the company tested the Extension zone, part of the Massive Sulphide zone, with 8 diamond drill holes. In 2018, the company carried out soil sampling north and northwest of the occurrence and diamond drilling over the occurrence (5 holes, 966.24 m).

GEOLOGY & RESULTS

The North Rackla-Extension occurrence lies in a package of Wernecke Supergroup rocks dominated by Paleprotozoic Gillespie Lake dolostone interbedded with lesser black siltstone, shale and laminated mudstone and minor sandstone of the Quartet Group. Dismembered minor Mesoproterozoic Hart River diorite gabbroic sills and dykes are also mapped in the area (YGS Bedrock Geology, May 2019).

The Extension zone is part of the larger Massive Sulphide Zone and occurs at the southwest end of that zone. Composite sampling of sub-crop carried out in 2016 returned values up to 314 g/t silver, 13.85 % lead, 18.7 % zinc and 1.97 % copper. In the fall of 2016 Cantex tested the Extension zone with 8 diamond drill holes (no footage reported). Seven of the holes were collared from the same site (occurrence location) but tested different azimuths and or inclinations. The eighth hole was collared 87 m to the northeast. All eight holes intersected the oxidized massive sulphide zone that increased in grade and width with depth. The best results were returned from drill hole YKDD-0006 which returned 4.05 m (from 22.95 m) grading 21.1 g/t silver, 2.12 % lead and 1.79 % zinc; 5.7 m (33.0 m) of 137 g/t silver, 2.8 % lead and 0.83 % zinc; and 4.4 m (43.7 m) of 49 g/t silver, 5.35 % lead and 5.99 % zinc.

Analysis of soil and rock geochemical results collected from along the entire Massive Sulphide zone indicates that the most anomalous copper areas correspond with the most anomalous areas of manganese, silver and lead. The highest zinc anomalies accompanied with lead are typically peripheral to the area's most anomalous in copper, manganese, silver and lead.

REFERENCES

CANTEX MINE DEVELOPMENT CORP. Feb/2017. Assessment Report # 097261 by C. Ulansky and S. Morton.
CANTEX MINE DEVELOPMENT CORP. Feb/2017. Assessment Report # 097019 by C. Ulansky and S. Morton.
CANTEX MINE DEVELOPMENT CORP. Jul/2016. Assessment Report # 096931 by C. Ulansky and A. Koffyberg.
CANTEX MINE DEVELOPMENT CORP. News Release. 16 Feb/2011, 18 Jan/2013, 7 May/2013, 31 Jul/2013, 5 Sep/2013, 3 Oct/2013, 8 Nov/2013, 11 Dec/2013, 23 Jan/2014, 9 Jun/2014, 21 Jul/2014, 26 Aug/2014, 24 Sep/2014, 30 Oct/2014, 14 Nov/2014, 30 Apr/2015, 15 Jun/2015, 18 Aug/2015, 14 Oct/2015, 22 Jan/2016, 25 Jul/2016, 15 Nov/2016, 2 Dec/2016, 7 Apr/2017, 28 Jun/2017.
CANTEX MINE DEVELOPMENT CORP. Oct/2017. Web Site: www.cantex.ca.
CANTEX MINE DEVELOPMENT CORP. Sep/2013. Assessment Report # 096603 by S. Morton.

Work History

Date	Work Type	Comment
7/1/2021	Drilling	11 holes, 5,171 m
7/1/2021	Geochemistry	
7/1/2020	Geochemistry	
7/1/2020	Drilling	18 holes, 9,070.93 m
7/1/2020	Geochemistry	
7/1/2020	Geochemistry	
7/1/2020	Other	
12/13/2018	Drilling	1490.29 m in 9 holes
12/13/2018	Geochemistry	
12/13/2017	Geochemistry	
12/13/2017	Geochemistry	

12/13/2017	Trenching	
12/13/2016	Drilling	Eight holes collared on Extension zone, no footage reported.
12/13/2016	Geology	Mapped selected areas.
12/13/2016	Trenching	Trenched in Northern area and Extension zone.
12/13/2015	Geochemistry	Further infill rock and soil-talus sampling.
12/13/2015	Other	Prospected anomalous areas.
12/13/2014	Geochemistry	Sampled new areas.
12/13/2014	Geochemistry	Infill soil-talus sampling.
12/13/2014	Drilling	181 short holes, no footage reported.
12/13/2013	Geochemistry	
12/13/2013	Lab Work/Physical Studies	Mainly in newly staked area.
12/13/2013	Geochemistry	Further soil-talus sampling.
12/13/2012	Geochemistry	
12/13/2012	Lab Work/Physical Studies	Follow-up sampling.
12/13/2012	Geochemistry	Due to area samples were combination soil-talus.
12/13/2011	Lab Work/Physical Studies	Regional program to pin point anomalous areas.

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
097019	2016	Assessment Report on the 2016 Geological Mapping and Geochemical Survey North Rackla Property			
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
YEG2011_OV	Yukon Exploration and Geology Overview 2011	p. 27.	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
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
YEG2014_OV	Yukon Exploration and Geology Overview 2014	p. 24, 40, 42.	Yukon Geological Survey	Annual Report
YEG2015_OV2	Yukon Hard Rock Mining, Development and Exploration Overview 2015	p. 43.	Yukon Geological Survey	Annual Report Paper
YEG2016_OV4	Yukon Hardrock Mining, Development and Exploration Overview 2016	p. 52, 56, 59.	Yukon Geological Survey	Annual Report Paper