



Occurrence Details

Occurrence Number: 106C 110

Occurrence Name: North Rackla-Discovery

Occurrence Type: Hard-rock

Status: Prospect

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General Information

Secondary Commodities: copper, lead, silver, zinc

Deposit Type(s): Manto Polymetallic Ag-Pb-Zn

Location(s): 64°30'29.19" N - 133°39'8.6" W

NTS Mapsheet(s): 106C12

Location Comments: Location based on YKDD18-0010 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. Soil sampling over the wider property was carried out in 2014 but not filed for assessment credit. In 2015, Cantex prospected over the occurrence area. In 2016, the company geologically mapped the occurrence area, prospected and trenched. In 2018, the company carried out soil sampling west and northwest of the occurrence and diamond drilled 4 holes (524.03 m) at the occurrence.

GEOLOGY & RESULTS

The North Rackla-Discovery occurrence lies in a package of Wernecke Supergroup rocks dominated by Paleoproterozoic 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)

Prospecting carried out in the fall of 2013 lead to the discovery of base metal mineralization within a 600 m gossan zone, which defines the Discovery Zone (part of the larger Massive Sulphide zone). Grab rock samples collected from sub-crop returned values up to 2.52 % copper, 43.6 % lead, 7.11 % zinc and 1 220.6 g/t silver (News Release Dec. 11/2013). Trenching carried out in 2016 outlined two parallel oxidized zones separated by approximately 10 m. Chip sampling of the first zone returned 15.7 m grading 36 g/t silver, 7.04 % lead and 1.85 % zinc, including a 3 m interval grading 107 g/t silver, 20.25 % lead and 2.39 % zinc. The second zone returned a 5.6 m interval which yielded 54 g/t silver, 0.48 % copper and 1.95 % zinc including a 1.6 m interval assaying 124 g/t silver, 1.01 % copper and 2.4 % zinc.

Analysis of soil and rock geochemical results collected from along the zone of this occurrence 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, 2019. 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 Jun/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, 3,699.3 m
7/1/2021	Geochemistry	
7/1/2020	Geochemistry	
7/1/2020	Drilling	1 hole, 542.13 m
7/1/2020	Geochemistry	
7/1/2020	Other	
12/13/2015	Geochemistry	
12/13/2015	Geochemistry	
12/13/2015	Geochemistry	
12/13/2013	Geochemistry	

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		