



Occurrence Details

Occurrence Number: 115J 020

Occurrence Name: Haxe

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 4/28/2025 7:34:01 PM

General Information

Secondary Commodities: copper, molybdenum

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 62°39'54" N - -138°33'53" W

NTS Mapsheet(s): 115J10

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Partially staked within Ray cl 1-466 (97882) in Jan/66 by Nordex Exploration Ltd, which carried out regional geochemical stream sediment sampling. Restaked as Axe cl 1-6 (Y38255) in Oct/69 by Montana Mines Ltd, which added Hill cl 1-24 (Y47622) to the northeast in Dec/69 and carried out geochemical rock and soil sampling in 1970.

The area just east of the occurrence location marker was restaked as Battle cl 1-64 (YA48595) in Apr/80 by Cominco Ltd, which carried out geochemical sampling and geological mapping later in the year.

Restaked as Hen cl, etc (YA92240) in Jun/85 by Nordac Mining Corporation and optioned briefly to Gyro Energy and Minerals Corporation later in the year. In 1986, Nordac carried out geochemical sampling and geological mapping of the area to the southwest (Minfile Occurrence #115J 017).

Restaked as Battle cl 1-80 (YB57561) by Cominco Ltd in May/95. In Jun/95, Cominco carried out 4 man days of geological mapping, prospecting and soil sampling.

Restaked as Eio cl 1-10 (YC14002) in Mar/99 by Prime Properties Syndicate and subsequently optioned to Prospector International Resources Inc, which carried out reconnaissance geochemical sampling later that year. In Sep/99, Prospector International staked Eio cl 11-16 (YC18150) to the northwest and carried out geochemical grid soil sampling and geological mapping of the claims in 2000. Prospector International changed its name to Prospector Consolidated Resources Inc in Sep/2001 and later dropped its option on the claims in Mar/2002.

Restaked as Royal cl 1-12 (YC60328) in Apr/2007 by S. Ryan. Ryan carried out a reconnaissance scale soil sampling program on the claims and surrounding ridges in Jul/2008.

Capsule Geology

The area was previously thought to be underlain by the Triassic-aged Klotassin Batholith but more recent mapping by Payne et al. (1987), Johnston (1995) and Cominco found that the area is underlain by a granodioritic phase of the mid Cretaceous Dawson Range Batholith.

Nordex staked the original claims to explore for silver-lead veins, but only background levels for base metals were returned from samples collected in the area. Soil samples collected by Montana Mines from a pyritic granite in the east central part of the Hill claims returned anomalous copper and molybdenum values, with peak values of 384 and 10 ppm respectively.

Further work uncovered a zone of disseminated to vein/fractured-hosted chalcopyrite-pyrite-molybdenite +/- bornite mineralization at the headwaters of the west branch of Battle Creek, 3 km to the east. Grab samples collected from this area in 1994/95 by Cominco returned peak values of 1 460 ppm copper, 217 ppm molybdenum and 100 ppb gold.

Soil sampling completed by Cominco in 1980 and 1995 mirrored results reported by earlier exploration programs. Two copper-molybdenum +/- gold anomalies were outlined in the central and south-eastern corners of the Battle claim block at the contact between the Dawson Range Batholith and a quartz bearing, weakly feldspar porphyritic monzonite stock of the Late Cretaceous Prospector Mountain plutonic suite.

Prospector International focused its work in an area just northwest of the occurrence location and identified a discontinuous, east-west trending gold-arsenic-bismuth-silver anomaly measuring 150 by 550 m underlain by locally tourmaline bearing and chloritized Dawson Range Batholith granodiorite. The anomaly which contains peak values of 1 254 ppb gold, 163.1 ppm arsenic, 17.84 ppm bismuth and 3 071 ppb silver is discontinuous due to gaps in the sampling caused by areas of extensive talus cover.

Ryan staked the Royal claims to follow up a 300 ppb gold silt anomaly recorded near the headwaters of Trombley Creek by the Geological Survey of Canada in 1986. Ryan collected 20 soil samples across the top of the ridge located on the east side of the claim block. Ryan collected a further 76 soil sample across the western edge of the ridge and on neighbouring ridges located southwest of the claim block (off the claim block). The survey did not return any significant anomalies.

References

COMINCO LTD, Apr/81. Assessment Report #090792 by A.S. Denton.

COMINCO LTD, Mar/96. Assessment Report #093401 by D. Wagner.

GEOLOGICAL SURVEY OF CANADA, 1986. Regional Stream Sediment and Water Geochemical Reconnaissance Data, Yukon. Open File 1363, NTS 115J and 115K - East Half.

JOHNSTON, S.T., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, central Yukon (115 J/9 & 10; 115 I/12) (1:100 000 scale map). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1995-2 (G).

JOHNSTON, S.T., and SHIVES, R.B.K., 1995. Interpretation of an airborne multiparameter geophysical survey of the northern Dawson Range, central Yukon: A progress report. In Yukon Exploration and Geology 1994. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 105 - 111.

MINERAL INDUSTRY REPORT 1969-70, p. 61.

MONTANA MINES LTD, Jan/71. Assessment Report #060223 by B.C. Fulcher.

NORDAC MINING CORPORATION, Mar/87. Assessment Report #091924 by R.C. Carne.

NORDEX EXPLORATION LTD, Dec/66 Assessment Report #017450 by C.D.N. Taylor and S.S. Szetu.

PAYNE, J.G. et al. Geology of the Colorado Creek (115 J/10), Selwyn River (115 J/9) and Prospector Mountain (115I/5) Areas. EGSD Open File 1987-3.

PROSPECTOR CONSOLIDATED RESOURCES INC, News Release 13 Mar/2002.

PROSPECTOR INTERNATIONAL RESOURCES INC, Jan/2000. Assessment Report #094062 by B.J. Jaworski and B. Meyer.

PROSPECTOR INTERNATIONAL RESOURCES INC, Jan/2001. Assessment Report #094213 by B.J. Jaworski and M. Vanwemeskerken.

PROSPECTOR INTERNATIONAL RESOURCES INC, News Release 7 Sep/2001.

RYAN, S., Oct/2008. Assessment Report #095042 by S. Ryan.

Work History

Date	Work Type	Comment
12/31/2008	Geochemistry	Reconnaissance scale on and off claims.
12/31/2000	Geology	
12/31/2000	Geochemistry	
12/31/1999	Other	
12/31/1995	Geology	
12/31/1995	Geochemistry	
12/31/1995	Other	
12/31/1980	Geology	
12/31/1980	Other	
12/31/1966	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096156	2011	Geochemical Report Rude Creek Project	Soil - Geochemistry		
095465	2011	2011 Airborne Geophysical Survey on the Rude Creek Project, Yukon	Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
095042	2008	Geochemical Report-Royal 1-12 Claims	Soil - Geochemistry		
094213	2000	Geological and Geochemical Report on the Rude Creek	Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		
094062	1999	Geological and Geochemical Report on the Rude Creek	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Petrographic - Lab Work/Physical Studies, Property Evaluation - Other, Prospecting - Other		
093401	1995	Soil Sampling and Geological Mapping on the Battle Creek Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
060223	1970	Axe and Hill Mineral Claims-Geochemical and Geological Evaluation Report	Rock - Geochemistry, Soil - Geochemistry, Property Evaluation - Other, Prospecting - Other		
060215	1969	Geophysical and Geochemical Reports on the CO Claim Group	Silt - Geochemistry, Soil - Geochemistry, Magnetics - Ground Geophysics		
017450	1966	Report on Geochemical Survey-Dip Creek Watershed	Silt - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016557	Geology map - 1153/10 - Colorado Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016558	Geochemical values total extraction map - 1153/10 - Colorado Creek		Property File Collection	Geochemical Map