Occurrence Details

Occurrence Number: 105G 081
Occurrence Name: Money
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 4:38:02 AM

General Information

Secondary Commodities: copper, lead, silver, zinc
Deposit Type(s): Volcanogenic Massive Sulphide (VMS) Kuroko Cu-Pb-Zn
Location(s): 61°16'56" N - -130°10'58" W
NTS Mapsheet(s): 105G08
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Staked as Money cl 1-32 (Y84347) in Jul/75 by Cyprus Anvil Mining Corporation and explored by grid soil sampling and magnetic surveys. The Pneumonia group was staked but not recorded, 3.2 km to the north, in early Aug/75 by Finlayson Joint Venture (Standard Oil Company of British Columbia Ltd, Union Oil Company of Canada Ltd, Marietta Resources International Ltd) and explored by soil sampling.
Restaked as Mony cl 1-146 (YB50290) in Jul/94 by Cominco Ltd which carried out geological mapping, prospecting, soil sampling and ground HLEM, magnetic and gravity geophysical surveys later in the summer. In Aug/94 the company staked Mony cl 147-348 (YB55437) to the north.
In 1995 Cominco cut two grids, Mon 25-1 & 25-3 to cover previously identified airborne geophysical targets. Ground HLEM and magnetic surveys, followed by detailed soil sampling programs were carried out on the grids. The remaining Mony claims were explored with limited geological mapping, prospecting and contour soil sampling. In Oct/95 Cominco staked Mony cl 349-721 (YB62899) on the eastern side of the main Mony claim block.
In Sept/95 Atna Resources Ltd staked But cl 1-64 (YB61316) to the east, in between the two main groups of Mony claims.
In 1996 Cominco carried out grid soil sampling and ground geophysical surveying over five grids (MO 3, 4, 5, 6 and 9). Geological mapping and prospecting was also carried out over three of the grids (MO 5, 6 and 9) and geologcial mapping, prospecting and contour soil sampling was completed regionally over the southern portion of the property.

Capsule Geology

The Finlayson Lake region is dominantly underlain by a layered sequence of Devonian to Early Mississippian metavolcanic and metasedimentary rocks of the Yukon-Tanana Terrane (YTT) that have been intruded by Mississippian granitic intrusions and later Jurassic, Cretaceous and Eocene intrusions (Murphy et al., 2001). The YTT is a volcanic-plutonic pericratonic arc assemblage that was strongly deformed and metamorphosed by Late Triassic time. Volcanic-hosted massive sulphide deposits exist at different stratigraphic positions within the YTT.
The original occurrence, discovered by Cyprus, consisted of discontinuous lenses containing minor galena within Devonian Kudz Ze Kayah felsic volcanic schists, according to regional mapping (Murphy et al., 2001). Cyprus also reported finding magnetite-rich horizons within the schists. Soil sampling returned a Zn-Mo +/- Pb-Cu anomaly which the company attributed to elevated background levels within black shale interbeds.
The Pneumonia claims were staked over a well developed gossan, displaying weak malachite staining on a contact with a small granodiorite stock.
Cominco's Mony claims were staked to cover airborne geophysical targets identified by a company-sponsored regional survey flown in early 1994. The resulting claim block extended east of the occurrence, into the hanging wall of the Money Creek Thrust. To the east of the occurrence are ultramafic metaplutonic rocks (Murphy et al., 2001; Unit Dum).
Cominco noted the entire felsic volcanic sequence underlying the claim block is variably pyritic and a favourable host for VMS deposits. Soil samples collected on a grid located in the eastern corner of the claim block identified a moderate to strong Cu (>65 to 250 ppm), Zn (>230 to1 482 ppm), and Ag (>0.7 to 3.0 ppm) anomaly with a strong Ni-Co-Mo-Cd metal signature. Cominco attributed the anomaly to magnetic mafic sill/dykes present in the area. Soil sampling carried out along creek sides and contour lines outlined large areas of weak to moderate Ag (10.8 ppm max) response with isolated Zn (to 511 ppm), Cu (to 275 ppm), and Pb (to 135 ppm) on the western portion of the property. The anomalous samples were collected from an area underlain by metamorphosed felsic volcaniclastic rocks. Prospecting in a creek located near the occurrence uncovered numerous float boulders of strongly pyritic, quartz-sericite schists containing disseminated to weakly banded, fine-grained sphalerite +/- chalcopyrite-galena. Grab samples returned up to 2.1% Zn, 0.4% Cu, 0.3% Pb, and 17.5 g/t Ag. Ground geophysics carried out over a grid in the southeast corner of the claim block identified 2 wide EM trends, oriented in a EW direction, on either side of a very strong 'linear' magnetic anomaly trending across the grid baseline.
The 1995 exploration program was geared towards exploring Mony cl 147-348, which were staked the previous fall. Geophysics carried out on Mon grid 25-1 outlined 2 HLEM conductors and numerous magnetic features, while Mon grid 25-3 failed to return any anomalies of interest. Further exploration determined that grid Mon-25-3 was mislocated. Soil samples collected on Mon grid 25-1 returned numerous scattered anomalous values for Pb (up to 416 ppm) and Zn (up to 756 ppm), with elevated values of Ba (up to 2 898 ppm), Cu (up to 124 ppm) and Ag (up to 2.4 ppm). Soil sampling on Mon grid 25-3 returned weak anomalies for all economic elements. Regional contour soil sampling returned numerous single element anomalies, of which only a few are coincidently anomalous in more than one element.
The 1996 program revealed several moderate to strong geochemically anomalous zones within the southern half of the property. Prospecting in the same area discovered banded iron formation in outcrop at two locations. The most southerly iron formation consists of thin-banded magnetite and manganiferous quartz-barite veins interbedded within a 3 m thick quartz-crystal tuff. Sphalerite occurs in fractures associated with the tuff. The second iron formation, located 3 km north of the other, also occurs within a siliceous felsic tuff, with laminations of magnetite, pyrite and minor sphalerite and galena. The results of the geophysical surveys indicated significant conductive and magnetic responses requiring further followup.

References

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MURPHY, D.C. AND PIERCEY, S.J., 1999b. Geological map of parts of Finlayson Lake (105G/7, 8 and parts of 1, 2, and 9) and Frances Lake (parts of 105H/5 and 12) map areas, southeastern Yukon (1:100 000-scale). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1999-4.

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MURPHY, D.C., COLPRON, M., GORDEY, S.P., ROOTS, C.F., ABBOTT, G., AND LIPOVSKY, P.S., 2001. Preliminary bedrock geological map of northern Finlayson Lake area (NTS 105 G) Yukon Territory (1:100 000 scale). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 2001-33.

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PIERCEY, S.J., HUNT, J.A. and MURPHY, D.C., 1999. Lithogeochemistry of meta-volcanic rocks from Yukon-Tanana Terrane, Finlayson Lake region, Yukon: Preliminary results. In: Yukon Exploration and Geology 1998, C.F. Roots and D.S. Emond (eds.), Exploration and Geological Services Division, Indian and Northern Affairs Canada, p.125-138.

Work History

Date	Work Type	Comment
12/31/1996	Geology	
12/31/1996	Geochemistry	
12/31/1996	Ground Geophysics	Also HLEM survey.
12/31/1996	Other	
12/31/1995	Geology	
12/31/1995	Geochemistry	
12/31/1995	Ground Geophysics	Also HLEM ground survey.
12/31/1995	Other	
12/31/1994	Geology	
12/31/1994	Geochemistry	
12/31/1994	Airborne Geophysics	Also HLEM and gravity surveys.
12/31/1994	Other	
12/31/1975	Geochemistry	
12/31/1975	Ground Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093762	1997	1997 Assessment Report Mony/Jays/Nad/Tua Properties Geologic Mapping, Prospecting, Diamond Drilling, Geochemical Sampling, Linecutting and Geophysics	Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other	1	54.30
093613	1996	1996 Assessment Report Mony and NAD Properties	Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other	1	95.70
093428	1995	1995 Assessment Report Mony Property Linecutting, Ground Geophysical Surveys (HLEM/MAG), Soil Geochemistry and Geological Mapping	Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
093324	1994	1994 Assessment Report Mony Property Linecutting, Ground Geophysics (HLEM, Mag), Soil Geochemistry and Geological Mapping	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC010056	Grid soils map - Zinc contours - Money mineral claim group		Property File Collection	Geochemical Map
ARMC010052	Grid magnetic survey map - gammas, values and profiles - Money mineral claim group		Property File Collection	Geophysical Map
ARMC010053	Grid soil geochemical values map - Cu-Pb-Zn ppm - Money mineral claim group		Property File Collection	Geochemical Map
ARMC010054	Grid soils map - Copper contours - Money mineral claim group		Property File Collection	Geochemical Map
ARMC010055	Grid soils map - Lead contours - Money mineral claim group		Property File Collection	Geochemical Map
ARMC017622	Geochemical map of Wolverine Lake - Cu, Pb, Zn, Mn, Mo.W		Property File Collection	Geochemical Map
ARMC016590	Geochemical map - 105G/8 - Wolverine Lake		Property File Collection	Geochemical Map
ARMC016578	Geology map - 10G/8 - Wolverine Lake		Property File Collection	Geoscience Map (Geological - Bedrock)