Occurrence Details

Occurrence Number: 105G 128
Occurrence Name: Dog
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/15/2025 10:30:17 AM

General Information

Deposit Type(s): Volcanogenic Massive Sulphide (VMS) Kuroko Cu-Pb-Zn
Location(s): 61°25'54" N - -130°46'15" W
NTS Mapsheet(s): 105G07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Dog cl 1-4 (YB49650) in Jun/94 by Cominco Ltd to cover an airborne geophysical target identified by a survey flown earlier in the year. The company collected 15 soil and silt samples in July of the same year.
The adjoining area to the east was staked as Tag cl 1542-1621 (YB56711) in Nov/94 by Cominco Ltd; the area to the west was staked as Shot cl 37-74 (YB6184) in Sep/95 by Archer Cathro and Associates (1981) Ltd; and the area to the south was staked as Sun cl 1-109 (YB83713) in Jun/95 by Sunstate Resources Ltd, which carried out prospecting, geochemical sampling and airborne geophysical surveying.

Capsule Geology

Geological mapping (Murphy et al. 2001) shows the area is dominantly underlain by a layered sequence of Devonian to Early Mississippian metavolcanic and metasedimentary rocks belonging to the Yukon-Tanana Terrane (YTT). The YTT is a volcanic-plutonic pericratonic arc assemblage that was strongly deformed and metamorphosed by Late Triassic time.
The Dog property is covered by a blanket of glacial debris preventing the determination of underlying geology. Mississippian aged granitic to monzonitic metaplutonic rocks of the Grass Lakes Plutonic Suite (unit MGg) occur on the western edge of the property; Devonian to Early Mississippian biotite-muscovite-feldspar schist, micaceous quartzite, psammite and marble (unit Dq) on the eastern flanks of the property; and, mafic schist (DF) to the south of the occurrence.
The occurrence was staked based on an airborne magnetometer and EM anomaly (no details available). Soil and silt samples collected in the area of the anomaly did not return any anomalous values.
Sunstate outlined two areas of anomalous zinc geochemistry, the stongest of which (X zone) is located 2 km south of the occurrence location and returned peak values for zinc of 485 ppm. The 200 m wide X zone crosses the claims in an east-west direction and is coincident with an airborne magnetic trend in a geophysically conductive zone.

References

BOND, J.D., MURPHY, D.C., COLPRON, M., GORDEY, S.P., PLOUFFE, A., ROOTS, C.F., LIPOVSKY, P.S., STRONGHILL, G., AND ABBOTT, J.G., 2002. Digital compilation of bedrock geology and till geochemistry, northern Finlayson Lake map area, Southeastern Yukon (105G), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File Report, 2002-7(D) and Geological Survey of Canada Open File 4243.

COMINCO LTD, Jan/95. Assessment Report #093333 by P.A. MacRobbie.

HUNT, J.A., 2001. Volcanic-associated massive (VMS) mineralization in the Yukon-Tanana Terrane and coeval strata of the North American miogeocline, in the Yukon and adjacent areas. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Bulletin 12, 107 p.

MURPHY, D.C. AND PIERCEY, S.J., 1999. 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, Indian and Northern Affairs Canada, Open File 1999-4.

MURPHY, D.C. AND PIERCEY, S.J., 2000. Syn-mineralization faults and their re-activation, Finlayson Lake massive sulphide district, Yukon-Tanana Terrane, southeastern Yukon. In: Yukon Exploration and Geology 1999, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 55-66.

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.

MURPHY, D.C., COLPRON, M., ROOTS, C.F., GORDEY, S.P. AND ABBOTT, J.G., 2002. Finlayson Lake Targeted Geoscience Initiative (southeastern Yukon) , Part 1: Bedrock geology. In: Yukon Exploration and Geology 2001, D.S. Emond, L.H. Weston and L.L. Lewis (eds.), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, p. 189-207.

SUNSTATE RESOURCES LTD, Aug/97. Assessment Report #093732 by G.S. Davidson.

Work History

Date	Work Type	Comment
12/31/1995	Geochemistry	Also silt sampling.
12/31/1995	Airborne Geophysics	Also EM survey.
12/31/1995	Other	

12/31/1994	Airborne Geophysics	Also magnetic survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093712	1996	1996 Assessment Report Kudz Ze Kayah Property Linecutting, Soil Geochemistry, Geological Mapping, Geophysical Surveying and Diamond Drilling	Diamond - Drilling, Regional Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other	1	99.20
093655	1996	Report on a Combined Helicopter-Borne Electromagnetic and Magnetic Survey, Goal Net, Hat Trick, League, Offside, Power Play, Shutout and Slapshot Properties	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		