



Occurrence Details

Occurrence Number: 105G 029
Occurrence Name: Gee
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/15/2025 11:43:16 AM

General Information

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 61°24'43" N - -130°59'57" W
NTS Mapsheet(s): 105G07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Originally staked as Don cl in 1954 by K.G. Sanders and R. Zielinski for Pelly River EL (Pioneer Gold ML; American Standard ML, New York-Alaska Gold Dredging Corp and Northwest Ventures L). Restaked in Jan/66 as Gee cl (90172) by Northlake ML (Augustus ML, Silver Standard ML, Transcontinental Res, Copper Ridge ML, North Pacific ML). Northlake flew an airborne mag and EM survey and conducted grid soil sampling and a Ronka survey later in the year on an airborne anomaly labelled Area 5. Restaked as L & A cl (Y74671) in March/74 by A. Black.

Capsule Geology

Geological mapping (Murphy et al., 2001) shows the 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 intrusions. 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 occurrence (Area 5) is underlain by metavolcanic rocks of the Fire Lake metavolcanic unit according to regional mapping (Murphy et al., 2001). Grass Lakes Succession quartzofeldspathic pebble metaconglomerate lies to the north. Sanders reports that galena occurs in small quartz stringers cutting schist and was panned from the creek flowing into Grass Lake. Soil sampling by Northlake outlined an 'S' shaped anomaly 1524 m long with lead values above 80 ppm, within which two areas exceeded 200 ppm - one on each limit of the 'S'. The anomaly occurs near an anticlinal crest. No conductor was found by the geophysical surveys.

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.

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., 1998. Stratigraphic framework for syngenetic occurrences, Yukon-Tanana Terrane south of Finlayson Lake: A Progress Report. In: Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.51-58.

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 Region, 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 Region, 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.

NORTHLAKE MINES LTD, Mar/66. Prospectus Report by P.H. Sevensma.

NORTHLAKE MINES LTD, 1966. Assessment Report *#060252 by N.R. Paterson.

NORTHLAKE MINES LTD, Jan/67. Assessment Report #019114 by A.J. MacDonald.

NORTHLAKE MINES LTD, Jan/67. Assessment Report #019115 by P.H. Sevensma and R.T. Heard.

Work History

Date	Work Type	Comment
12/31/1966	Geochemistry	

12/31/1966	Airborne Geophysics	Also magnetic survey.
12/31/1954	Other	Followed staking of property.
12/13/1966	Ground Geophysics	Ronka EM.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
060586	1967	Northlake Mines Limited Summary Report and Recommendations September 30, 1967	Winter Road - Development, Surface, Diamond - Drilling, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching	4	324.30
060250	1966	Geological, Geochemical, Geophysical & Physical Work Report on the Hoo, EL, Gee Leo, P.S., P.G., C.W. and Z Claim Groups	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Backhoe - Trenching	4	486.46
019114	1966	Report on the Hoo, EL, Gee Leo, P.S., P.G., C.W. and Z Group of Mineral Claim Groups	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Backhoe - Trenching	4	486.46
060253	1966	Northlake Mines Limited Gee, El and Hoo Groups, Summary Report and Recommendations	Silt - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
019115	1966	Northlake Mines Limited, Gee Group of Claims: Report on Airborne Geophysical Surveys	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
060252	1966	Report on Ground Geophysical Surveys, Ross River, Yukon	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Hand - Trenching, Mechanical - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC018079	Geochemical results and claim group map of sheet 105N/9		Property File Collection	Geochemical Map
ARMC018080	Geochemical results map of 105N/9		Property File Collection	Geochemical Map
ARMC018087	Geochemical field sheet map showing key map of Plata group as well as additional notations		Property File Collection	Geochemical Map
ARMC018088	Geochemical field map - 105N/9		Property File Collection	Geochemical Map
ARMC018091	Geological field map of 105N/9		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018092	Geological field map of 105N/9		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018094	Geological field map of 105N/9		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018097	Geochemical field map - Mt. Aho area		Property File Collection	Geochemical Map
ARMC018128	Geology field sheet - 105N/9		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018131	Air photo overlays and stream sediment data sheets - A 12321-77, 78, 74. 76, 71, 45, 72, A 12251-404, 403, 406, 431, 432, 321, 322, 429, 405, A 12260-48, 47		Property File Collection	Geoscience Map (General)