



Occurrence Details

Occurrence Number: 106F 007

Occurrence Name: Colley

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/29/2025 3:29:31 AM

General Information

Secondary Commodities: cadmium, lead, zinc

Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)

Location(s): 65°5'28" N - -132°57'34" W

NTS Mapsheet(s): 106F02

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as BUH cl (Y97764) in Jul/75 by a joint venture between Great Plains Dev CL & Kerr Addison ML, which carried out mapping and geochemical and geophysical surveys later in the year. Great Plains changed its name to Norcen Energy Res L in 1976.

Capsule Geology

The claims are underlain by Late Proterozoic dolomite and clastic rocks. Galena and sphalerite are found as vug and fracture fillings in the dolomite. The best assay returned 8.6% Zn, 2.8% Pb, and 300 ppm Cd across 1.5 m.

References

GREAT PLAINS DEVELOPMENT COMPANY OF CANADA LTD, 1975. Assessment Report *#090130 by B.D. Farion.

MINERAL INDUSTRY REPORT 1976, p. 134-135.

NORRIS, D.K., ET AL., 1993. The geology, mineral and hydrocarbon potential of the Northern Yukon Territory and Northwestern District of Mackenzie. Geological Survey of Canada Memoir, in press.

Work History

Date	Work Type	Comment
12/31/1975	Geology	
12/31/1975	Geochemistry	Also rock sampling.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
062082	1974	Arctic Red Project, Compilation Map	Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC005713	Correspondence Re: Joint venture program		Property File Collection	Miscellaneous Company Documents
ARMC005715	Correspondence Re: 1974 joint venture		Property File Collection	Miscellaneous Company Documents
ARMC005716	Report - 1976 project - Mackenzie joint venture		Property File Collection	Report
ARMC005719	Geology map - 1976 proposed drilling program - Mackenzie project - Buh claims		Property File Collection	Report
ARMC005721	Report - Mackenzie basin carbonate summary report		Property File Collection	Report
ARMC005722	Correspondence Re: Report from Yukon crew		Property File Collection	Miscellaneous Company Documents

ARMC005723	Summary and 1975 proposal report - Mackenzie project	Property File Collection	Report
ARMC005725	Geochemistry map - Mackenzie project - Bonnet Plume Mountain - Bev claims	Property File Collection	Geochemical Map
ARMC005728	Project year end report - Mackenzie joint venture - Report of the diamond drilling on Laura, Buh, and Bev claim group	Property File Collection	Report
ARMC005730	Soil geochemistry map - MacKenzie project - Buh claims	Property File Collection	Geochemical Map
ARMC005732	Map - Mackenzie joint venture - Areas of mutual interest	Property File Collection	Geoscience Map (General)
ARMC005736	Correspondence Re: Great Plains - Kerr Addison joint venture	Property File Collection	Miscellaneous Company Documents