



Occurrence Details

Occurrence Number: 106C 005
Occurrence Name: Gildersleeve
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 3:28:10 AM

General Information

Secondary Commodities: lead, zinc
Deposit Type(s): Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 64°58'59" N - -132°27'7" W
NTS Mapsheet(s): 106C16
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked within a total of 379 Cab claims (Cab cl 5 = YB9133 (Yukon) Cab cl 1 = A56755 (NWT)) in Jul-Aug/74 by Arctic Red Joint Venture (Bethlehem Copper Corporation Ltd, DuPont Mineral Ventures Ltd, International Mogul Mines Ltd, Utah Mines Ltd and Welcome North Mines Ltd). The claim group extended east into the Northwest Territories. The Joint Venture carried out geological mapping and rock sampling and drilled 1 diamond drill hole (100.0 m) in 1974 and carried out additional geological mapping in 1977.

Capsule Geology

A series of north- to northeast-verging thrust faults superpose blocks of folded Upper Proterozoic to lower Paleozoic sedimentary rocks in the region. Disseminated sphalerite occurs with minor galena and calcite in brecciated Lower Cambrian Sekwi Formation dolomite and has been traced in talus and scattered outcrops for a length of over 457 m. Some remobilized sphalerite fills fractures with barite and pyrite, forming gossans. Channel sampling of three separate mineralized horizons within a 30 m stratigraphic interval gave 3.9% Zn and 0.05% Pb over 6.7 m, 3.2% Zn and 0.01% Pb over 2.4 m and 13.1% Zn and 0.01% Pb over 1.5 m. Chip sampling of talus gave 14.8% Zn and 0.01% Pb across 30 m. The drillhole failed to intersect mineralization. Other minor showings occur up to 1800 m along strike to the northwest.

References

ARCTIC RED JOINT VENTURE, Jul/74. Assessment Report #062082 by J.S. Brock.

ARCTIC RED JOINT VENTURE, Feb/75. Assessment Report #061282 by J.D. Guild and J.S. Brock.

DAWSON, K.M., 1975. Carbonate-hosted zinc-lead deposits of the Northern Canadian Cordillera. Geological Survey of Canada, Paper 75-1A, p. 239-241.

GORDEY, S.P. AND MAKEPEACE, A.J., 2003. Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

WELCOME NORTH MINES LTD, Jul/74. Assessment Report *#062082 by anonymous.

WELCOME NORTH MINES LTD, May/77. Assessment Report *#090203 by G.F. McArthur and M.L. McArthur.

Work History

Date	Work Type	Comment
12/31/1977	Geology	
12/31/1974	Drilling	Number of holes drilled: 1 Amount of work done: 100 METRES
12/31/1974	Geology	
12/31/1974	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090203	1976	Geological and Geochemical Report on the Cab Mineral Claims	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology		
061282	1974	Geological, Geochemical and Diamond Drilling Report on the Cab Mineral Claims	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	3	345.64
062082	1974	Arctic Red Project, Compilation Map	Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
BROCK000027	Vertical cross section DDH-AB No.1 - AB project area - Arctic Red project - Fig. 5		Property File Collection	Geoscience Map (General)
BROCK000028	Vertical cross section DDH-AB No.2 - AB project area - Arctic Red project - Fig. 6		Property File Collection	Geoscience Map (General)
BROCK000029	Vertical cross section DDH-AB No.3 - AB project area - Arctic Red project - Fig. 7		Property File Collection	Geoscience Map (General)
BROCK000030	Mineral occurrence summary - CAB claims		Property File Collection	Report
BROCK000031	Mineral occurrence summary - 236 AB, 56 BB, DAB 1-20 property - Arctic Red project		Property File Collection	Report
BROCK000032	Claim location map - "AB" & BAK groups		Property File Collection	Geoscience Map (General)
BROCK000033	Sample location sketch - AB claim group		Property File Collection	Geoscience Map (General)
BROCK000034	Diamond drill log - Hole No. AB 77-1 - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000035	Diamond drill log - Hole No. AB 77-2 - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000036	Diamond drill log - Hole No. AB 77-3 - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000037	Diamond drill log - Hole No. AB 77-3A - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000038	Diamond drill log - Hole No. AB 77-4 - AB 86 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000039	Diamond drill log - Hole No. AB 77-5 - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000040	Diamond drill log - Hole No. AB 77-6 - AB 76 claim - AB C-zone property		Property File Collection	Drill Logs
BROCK000042	Compilation map - CAB mineral claims - Guild copy: with annotations - Arctic Red project		Property File Collection	Geoscience Map (General)
BROCK000043	Cross section AB C-zone - DDH projected onto cross section AA'		Property File Collection	Geoscience Map (General)
BROCK000044	Cross section AB C-zone - DDH projected onto cross section BB'		Property File Collection	Geoscience Map (General)
BROCK000045	Map collection - CAB zrea worksheets - CAB mineral claims from 1974 summary report		Property File Collection	Geoscience Map (General)
BROCK000046	Map collection - Geological mapping - CAB 1 & 2 zone area		Property File Collection	Geoscience Map (General)
BROCK000047	Assessment report - Diamond drill program, 1974 - CAB claim group		Property File Collection	Report
BROCK000048	Drill hole logs - Hole Nos. CAB #1-3 - CAB group - Arctic Red joint venture		Property File Collection	Drill Logs
BROCK000049	Drill hole logs - Hole Nos. AB #1-3 - AB group - Arctic Red joint venture		Property File Collection	Drill Logs
BROCK000025	Preliminary geologic investigation - AB mineral claims - Arctic Red joint venture		Property File Collection	Report
BROCK000026	Map of section A-A' - AB group		Property File Collection	Geoscience Map (General)
BROCK000048	Claim map - AB & BB-DAB project areas - Plate I		Property File Collection	Geoscience Map (General)
BROCK000069	Summary of mineral properties and proposed exploration - Godlin Lake and Arctic Red areas		Property File Collection	Report
BROCK000070	Analyses certificate - CAB group - File No. R3081		Property File Collection	Assays
BROCK000071	Map collection - Geochemical surveys - AB group		Property File Collection	Geoscience Map (General)
BROCK000072	Grid location - Geochem soil sampling - CAB group - Map 139B		Property File Collection	Geochemical Map
BROCK000073	Soil sample survey logs - CAB group		Property File Collection	Assays
BROCK000074	Analyses certificate - Soils - AB group - File No. 3553		Property File Collection	Assays
BROCK000076	Soils - Zinc - W grid - CAB		Property File Collection	Geochemical Map
BROCK000077			Property File Collection	

BROCK000177	Soils survey - Zinc - CAB		Property File Collection	Geochemical Map
BROCK000178	Geochem grid - West extension of CAB geochem		Property File Collection	Geochemical Map
BROCK000179	Preliminary geological evaluation - BAK mineral claims - Arctic Red joint venture		Property File Collection	Report
BROCK000182	Claim map - AB & BB - DAB project areas - Plate 1		Property File Collection	Geoscience Map (General)
BROCK000185	Regional compilation - Arctic Red project		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000186	AB, BB & DAB claim map - Arctic Red project		Property File Collection	Geoscience Map (General)
BROCK000190	Claim & showing location sketch map - Arctic Red		Property File Collection	Geoscience Map (General)
BROCK000191	Year end report - January 1, 1976 to November 25, 1976 - Volume 1 - AB, CAB, PR, REP, and REV property reports - Arctic Red joint venture		Property File Collection	Report
BROCK000192	Geological and geochemical report on the AB mineral claims - Arctic Red project		Property File Collection	Report
BROCK000193	Diamond drilling report on the AB mineral claims - Work performed during the period July 1, 1977 to Aug 1, 1977 - Arctic Red project		Property File Collection	Report