



Occurrence Details

Occurrence Number: 105K 010
Occurrence Name: Fargo
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 9:45:19 PM

General Information

Secondary Commodities: lead, silver, zinc
Aliases: Al, Apex, Kirk, Moni, Pmj, Rim, Sunset, Viru
Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)
Location(s): 62°2'57" N - 133°3'36" W
NTS Mapsheet(s): 105K03
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Al, Kirk and Fargo cl (Y5746) in May/66 by R. Kirk, J.J. O'Neill and G.E. Stephen and optioned by Munster ML late that year. The adjoining Do cl (96773) were staked in Dec/65 by Cinola ML. Both companies conducted preliminary surveys in 1966 and 1967.
Restaked as Fargo, Kirk etc cl (Y24694) in May/68 by M. Early and optioned by Sunset Mg Corp L, which explored with geophysical surveys and bulldozing in 1969. The Viru cl (Y60615) were staked around the key claims in May/71 by Viru EL. The Sunset option was terminated in late 1972.
Early enlarged the property in 1973-74, performed trenching in 1974 and optioned it to Cyprus Anvil, which conducted a gravity survey in 1975. Early then optioned the property in 1977 to the Woodside Project (Getty and Welcome North), which added the adjoining PMJ, MONI, etc cl (YA18282) in Jun/77 and explored with mapping, geochem, EM and mag surveys and 6 x-ray holes (173.7 m) and 2 BQ holes (237.4 m). J.B. O'Neill tied on the APEX cl (YA19092) to the west in Jun/77 and optioned them to Bronson ML. Woodside conducted more Maxmin, EM, mag and geochem surveys in 1978.
Restaked as Craig cl (YB8260) in Sep/87 by J. Murnion who added Spud cl (YB20575) to the north and west in Jul/88 and performed trenching and sampling later that year and in 1989. The claims apparently expired and were restaked in Sep/93 by J. Murnion as the Spud 1- 60 cl (YB38331), which cover both this and the Sir John A occurrence (MINFILE #105K 105) a few km to the northwest.

Capsule Geology

The original showings are discontinuous narrow lenses of galena and straw coloured sphalerite which occur along two parallel fault zones which strike east-west and dip steeply north. The faults are 75 m apart, up to 12 m wide and are intermittently exposed for a length of 200 m on the north limb of a broad east-trending anticline in Lower Cambrian phyllite.
The best zone exposed in trenches on the North (No. 1) Vein assayed 30.7% Pb, 0.1% Zn and 157.7 g/t Ag across 1.01 m while the best exposure on the South (No. 2) Vein assayed 5.2% Pb, 10.3% Zn and 72.0 g/t Ag across 0.99 m. Soil sampling outlined an associated geochemical anomaly 365 m long lead-zinc anomaly. The gravity survey gave a flat response.
The Woodside work was directed toward massive bands of galena and sphalerite up to 10 cm thick in a 24 m thick section of overlying Road River Formation shale (Ordovician to Lower Devonian). The best intersections obtained in the drilling were 4.6 m grading 10.3% Pb in Hole WS2 and 4.6 m grading 2.3% Zn in Hole WS4.
Woodside geologists recognized that mineralization occurs at three separate stratigraphic horizons. The lowest consists of thin laminae of sphalerite and galena in Lower Cambrian impure marble and calcareous phyllite and biotite-garnet schist. The second mineralized layer occurs about 60 m higher and consists of small sphalerite-galena showings in siderite-pyrrhotite-magnetite-garnet-actinolite skarns developed in calcareous beds within graphitic biotite schist. The third consists of scattered stratiform occurrences in the Road River Formation sooty limestone and calcareous argillite. The 1989 trenching exposed two narrow veins at the margin of a 50 m wide graphitic gouge zone.

References

CYPRUS ANVIL MINING CORPORATION, 1975. Assessment Report *#090078 by P.E. Walcott.
GEOLOGICAL SURVEY OF CANADA Paper 79-1A, p. 375.
MINERAL INDUSTRY REPORT 1975, p. 117; 1977, p. 64-66; 1978, p. 41.
MUNSTER MINES LTD, 1966. Assessment Report *#017936 by A.R. Archer.
SUNSET MINING CORPORATION LTD, May/69. Prospectus Report by P.H. Sevensma.
SUNSET MINING CORPORATION LTD, Nov/69. Assessment Report #060711 by P.H. Sevensma.
SUNSET MINING CORPORATION LTD, 1969. Assessment Report #060712 by P.H. Sevensma and C.E. Zimmerman.
WELCOME NORTH MINES LTD, Oct/78. Assessment Report *#091227 by H.F. Foster.
WOODSIDE JOINT VENTURE, 1977. Assessment Report *#090351 by J.E. Betz and G.H. Scott.
WOODSIDE PROJECT, May/78. Assessment Report #090369 by F. Foster.
YUKON MINING AND EXPLORATION OVERVIEW 1989, p. 10.

Work History

Date	Work Type	Comment
12/31/1989	Geochemistry	
12/31/1989	Trenching	
12/31/1988	Geochemistry	
12/31/1988	Trenching	
12/31/1978	Geochemistry	
12/31/1978	Ground Geophysics	Max-Min survey . Also magnetic survey .
12/31/1977	Drilling	Two holes, 237.4 m.
12/31/1977	Geology	
12/31/1977	Drilling	Six holes, 173.7 m.
12/31/1977	Geochemistry	
12/31/1977	Ground Geophysics	Also magnetic surveys.
12/31/1975	Ground Geophysics	
12/31/1974	Trenching	
12/31/1969	Trenching	
12/31/1966	Geochemistry	
12/13/1969	Geology	
12/13/1969	Geochemistry	
12/13/1969	Development, Surface	
12/13/1968	Geochemistry	
12/13/1966	Other	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
091227	1978	Linecutting Report AI 1-4, Kirk 1-2 and Rim 1-6 Mineral Claims	Line Cutting - Other		
090351	1977	Report on the Geological, Geochemical and Geophysical Surveys and Diamond Drilling and Trenching on the Moni, PMJ, Jane,Tele, Kirk, AI, Rim, Eel and Angie Mineral Claims	Diamond - Drilling, Soil - Geochemistry , Bedrock Mapping - Geology , EM - Ground Geophysics, Magnetics - Ground Geophysics, Mechanical - Trenching	13	516.90
090078	1975	A Report on a Gravity Survey	Gravity Survey - Ground Geophysics		
060712	1969	Geological and Geochemical Report on the AI-Fargo-Kirk Claims	Rock - Geochemistry, Soil - Geochemistry, Mechanical - Trenching		
060711	1969	Report on the AI-Fargo-Kirk Claims	Soil - Geochemistry		
017936	1967	AI, Fargo & Kirk Claim Groups	Bedrock Mapping - Geology		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC016721	Geochemical map - 105K/2 - Swim Lakes		Property File Collection	Geochemical Map
ARMC016728	Geology map- 105K/3 - Buttle Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016722	Geochemical sample location map - 105K/2 - Swim Lakes		Property File Collection	Geochemical Map
ARMC016351	Geochemical survey values map - Cu, Pb, Zn - 105K/3 Faro		Property File Collection	Geochemical Map
ARMC016723	Geology map - 105K/2 - Swim Lakes		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016724	Geology map - 105K/2 - Swim Lakes		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC017875	Zinc plot map - AL-Fargo-Kirk group - Ross River area		Property File Collection	Geochemical Map
ARMC017876	Lead plot map - AL-Fargo-Kirk group - Ross River area		Property File Collection	Geochemical Map
ARMC01787Z	Two sketch claim maps - Kirk, RIM, AI, Early claims		Property File Collection	Geoscience Map (General)
ARMC01787			Property File	

ARMC017878	Correspondence re: Kirk, JA, DA, Fargo	Property File Collection	Miscellaneous Company Documents
ARMC017879	Graphitic phyllite unit - Lead and zinc plot charts - Old Kirk, Fargo	Property File Collection	Miscellaneous Company Documents
ARMC017881	Geophysical maps of Buttle Creek 105K/3 with notations of Dy group, Blind Creek and Swim deposit, Swim Lake	Property File Collection	Geophysical Map

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
77-WS-8	Fargo	1977	BQ	12	2