



Occurrence Details

Occurrence Number: 105K 008

Occurrence Name: Mourné

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 8/6/2025 8:03:17 AM

General Information

Deposit Type(s): Epithermal Au-Ag-Cu: High Sulphidation

Location(s): 62°1'1" N - 132°45'42" W

NTS Mapsheet(s): 105K02

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Mourné cl 1-40 (Y9010) in Jul/66 by J.M. Gillis, etc. Restaked as Grand cl 49-162 (YA85284) in Aug/84 by Hudson Bay Exploration and Development Company Ltd, which carried out geological mapping, prospecting and geochemical rock and soil sampling in 1984 and VLF-EM and magnetometer surveying in 1986 on a grid covering part of Danger Creek, south of the Robert Campbell Highway. The claims, part of the larger Grew Creek property (Minfile Occurrence #105K 009), were optioned to a joint venture comprised of Noranda Exploration Company Ltd, Golden Nevada Resources Inc and Brenda Mines Ltd in 1987 which carried out extensive geochemical sampling, ground magnetometer and airborne geophysical surveying that year.

Prime Capital Corporation tied on 280 non-consecutively number Ran claims (YB9094) to the northeast and southwest in Nov/87 and optioned them to Argo Development Corporation, which carried out geochemical soil sampling, ground magnetometer surveying and geological mapping with Noranda Exploration Company Ltd in 1988. Golden Nevada Resources Inc changed its name to Goldnev Resources Inc in Jun/89 and excavated 4 backhoe trenches, 5 km to the southeast in the vicinity of Danger Creek in 1991 before dropping its option later in the year. The Ran claims were transferred to Prime Equities Inc in Nov/91 and to A. Carlos in Feb/93. In the same month Carlos optioned his Grew Creek claim holdings to YGC Resources Ltd.

YGC carried out a large exploration program in 1993 which included diamond drilling, line cutting, soil sampling, geophysics and trenching throughout the Grew Creek property, which included 2 trenches on the Danger Creek Zone. In 1994 YGC drilled 14 holes (1 307 m) in the South and Main Zones located approximately 10 km to the northwest of the Mourné area

Capsule Geology

The Grand claims, large areas of which are covered by glacial till, are underlain by Eocene aged tuff, porphyry and volcanic flows within a graben between the Danger Creek and Grew Creek Faults. The Ran claims which surround the Grand claims on three sides were found not to lie within the Tertiary graben that hosts the Grew Creek deposit.

Reconnaissance level sampling and prospecting in 1984 did not located any precious metal mineralization. Geophysical surveying in 1986 identified four linear anomalies and several associated, discontinuous anomalies probably related to faulting in the area.

Trenching in 1991 in the Danger Creek Zone on Grand cl 118, 120 and 122 targeted a strong northwest-southeast trending VLF-EM conductor in the area, but no bedrock was exposed except for a 5 m section of unaltered quartz-eye feldspar porphyry in the south end of one of the trenches. Samples of this material returned only background values for Au.

Neither of the 1993 trenches reached bedrock due to extensive permafrost in the area.

References

ARGO DEVELOPMENT CORPORATION, May/88. Assessment Report #062293 by J.P. Sorbara.

GOLDNEV RESOURCES INC, Nov/91. Assessment Report #092988 by L.R. Haynes.

GORDEY, S.P. and IRWIN, S.E.B., 1987. Geology, Sheldon Lake and Tay River map areas, Yukon Territory, scale 1:250 000. Geological Survey of Canada, Map 19-1987.

GORDEY, S.P., 1990. Geology of Tenas Creek (105K/1), Swim Lakes (105K/2) and Faro (105K/3 map areas, Yukon Territory, scale 1:50 000. Energy Mines and Resources Canada, Geological Survey of Canada Open File 2249.

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).

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LTD, Sep/85. Assessment Report #091672 by T. Garagan.

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LTD, Oct/86. Assessment Report #091861 by R. Stroshein.

NORANDA EXPLORATION COMPANY LTD, Jan/88. Assessment Report #092002 by H. Copland.

NORANDA EXPLORATION COMPANY LTD, Jan/89. Assessment Report #092635 by G. MacKay.

NORANDA EXPLORATION COMPANY LTD, Jan/89. Assessment Report #092640 by G. MacKay.

YGC RESOURCES LTD, Dec/93. Assessment Report #093153 by R.W. Stroshein.

YGC RESOURCES LTD, Mar/95. Assessment Report #093239 by R. Stroshein.

YUKON EXPLORATION 1985-86, p. 252-253; 1988, p. 110-113; 1991, p. 5.

YUKON EXPLORATION AND GEOLOGY 1984, p. 109.

Work History		
Date	Work Type	Comment
12/31/1994	Drilling	Fourteen holes, 1,307 m.
12/31/1993	Geochemistry	
12/31/1993	Trenching	
12/31/1991	Trenching	
12/31/1987	Geochemistry	
12/31/1987	Ground Geophysics	
12/31/1986	Ground Geophysics	Also VLF-EM surveys.
12/31/1984	Geology	
12/31/1984	Geochemistry	Also rock sampling.
12/31/1984	Other	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095828	2011	Assessment Report, 2011 Exploration Program	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Orthophoto - Airphotography, Diamond - Drilling, Rotary - Drilling, Detailed Bedrock Mapping - Geology, Downhole Survey - Ground Geophysics, IP - Ground Geophysics, Resistivity - Ground Geophysics, Prospecting - Other	70	19107
062293	1988	Report on the Grew Creek Property	Research/Summarize - Pre-existing Data		
092002	1987	Geochemical & Geophysical Report on the Grew Creek Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry		
091672	1985	Assessment Report of Geological Mapping and Geochemical Sampling on the Grand 49-162 Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC000053	Geological Map - Tenas Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012007	Regional geology map - Tenas Creek - MacMillan project		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012004	Geological - Mal, Bar, Wop, Tenas, Bell and T mineral claims - Tenas option - Map No. 2		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016721	Geochemical map - 105K/2 - Swim Lakes		Property File Collection	Geochemical Map
ARMC012000	Geological map - Tenas project - Map 1 of 4		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011999	Geological map - Tenas project - Map 2 of 4		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011998	Geological map - Tenas project - Map 3 of 4		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016722	Geochemical sample location map - 105K/2 - Swim Lakes		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)
ARMC016719	Geology map - 105K/2 - Swim Lakes - Data from Al Sangster 1966, Reg Davis 1964, and Tintina OEX 1969		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012006	Area regional compilation - Geological map - Tenas Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011987	Area regional compilation - Station location map & numbers - Tenas Creek		Property File Collection	Geoscience Map (General)
ARMC018788	Field map - Pelly River area - 105K/2		Property File Collection	Geoscience Map (General)