



Occurrence Details

Occurrence Number: 105K 006

Occurrence Name: Snowcap

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/28/2025 7:52:34 PM

General Information

Secondary Commodities: copper

Aliases: Chap, Em, Mal, Olgie, Ron, South, T, Ter

Deposit Type(s): Skarn Cu

Location(s): 62°5'50" N - -132°29'33" W

NTS Mapsheet(s): 105K01

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Snowcap cl (96590) in Dec/65 by Vanmetal EL and explored with an airborne mag-EM survey, mapping, geochem and mag surveys and 3 holes (53 m) by Cominco in 1966 under an option; and with additional geochem sampling and trenching in 1967-68 by Vanmetals. The South and EM cl (99461) were tied on to the south in Feb/66 by Kim EL (Mid-West EL and Ventures Mg L), which explored with mag, EM and geochem surveys plus trenching in 1966.

Branta EL performed more mapping and geochem sampling in 1969 under an option from Kim. Restaked in Aug-Sep/74 as Ron cl (Y91095) of Univex Mg Corp L on the north and MAL cl (Y80379) of Welcome North ML on the south, and the adjoining Chap cl (Y79684) of Anvil Range Synd (DuPont and Teck) to the east and TER cl (Y80136) of Monore Met Corp to the southwest. Exploration consisted of mapping, geochem sampling, mag, recce IP and two lines of gravity on the Chap group in 1974; mapping and geochem sampling on the TER group in 1975, and mapping, geochem and Turam surveys on the MAL group in 1975 by Boliden-Preussag E under an option.

DuPont optioned the MAL group in 1976, restaked the Chap group as T cl (YA8360) in Oct/76, formed the Tenas JV with Western ML, and explored with mapping, geochem sampling and a gravity survey in 1977; gravity and airborne mag and EM surveys in 1978; and widespread drilling in 1979, of which 2 holes (216 m) were located on claims MAL 17 and 42 and the others were on the T group.

The option on the MAL group was terminated late in 1979 and the Tenas JV and Welcome North claims were optioned in 1980 by Cyprus Anvil. Exploration in the late 1980s detected anomalous gold and mercury in rock, soil and stream sediment samples in association with quartz-sericite-hematite alteration zones near a regional fault. The DuPont interest was transferred to CSA MIs Inc in 1984 and to Goldsearch Inc in 1985.

Capsule Geology

The claims were staked in an overburden-covered area near the interpreted contact between limestone, chert and tuff of the Permo-Pennsylvanian Anvil Allochthonous Assemblage and a mid-Cretaceous batholith. The 1966 drilling tested an EM conductor and intersected granite porphyry with a trace of pyrrhotite and chalcopyrite and barren limestone and phyllite. No mineralization was encountered in the 1979 drilling.

References

BOLIDEN-PREUSSAG EXPLORATION LTD, 1975. Assessment Report *#061317 by P.E. Walcott.

BRANTA EXPLORATIONS LTD, 1969. Assessment Report *#060173 by P.H. Sevensma.

COMINCO LTD, Mar/67. Assessment Report #017563 by T.W. Muraro.

DUPONT OF CANADA EXPLORATIONS LTD, 1979. Assessment Report *#091203 by L.K. Eccles.

DU PONT OF CANADA EXPLORATION LTD, 1980. Assessment Report *#090579 by R. MacLean.

MID-WEST MINES LTD and VENTURES MINING LTD, 1967. Assessment Report *#017744 by P.H. Sevensma.

MINERAL INDUSTRY REPORT 1975, p. 113-114; 1977, p. 62-63; 1978, p. 40.

MONORE METALS CORPORATION, 1975. Assessment Report *#090010 by J.B.P. Sawyer.

TENAS JOINT VENTURE, 1977. Assessment Report *#061652 by F.M. Smith.

TENAS JOINT VENTURE, 1977. Assessment Report *#061653 by C.A. Ager.

TENAS JOINT VENTURE, 1977. Assessment Report *#090262 by F.M. Smith et al.

VANMETALS EXPLORATION LTD, 1966. Assessment Report *#017560 by T.W. Muraro.

VANMETALS EXPLORATION LTD, Dec/68. Assessment Report #018949 by P.H. Sevensma.

Work History

| Date | Work Type | Comment |
|------|-----------|---------|
|------|-----------|---------|

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|------------|---------------------|-------------------------------------------------|
| 12/31/1979 | Drilling | Two holes, 216 m. |
| 12/31/1978 | Ground Geophysics | |
| 12/31/1977 | Ground Geophysics | |
| 12/31/1977 | Geology | |
| 12/31/1977 | Geochemistry | |
| 12/31/1975 | Geology | |
| 12/31/1975 | Geochemistry | |
| 12/31/1975 | Ground Geophysics | Turam survey . |
| 12/31/1974 | Geology | |
| 12/31/1974 | Ground Geophysics | Also gravity and IP surveys on the Chap claims. |
| 12/31/1974 | Other | |
| 12/31/1969 | Geology | |
| 12/31/1969 | Geochemistry | |
| 12/31/1967 | Geochemistry | |
| 12/31/1967 | Trenching | |
| 12/31/1966 | Drilling | Three holes, 53 m. |
| 12/31/1966 | Geology | |
| 12/31/1966 | Geochemistry | |
| 12/31/1966 | Trenching | |
| 12/31/1966 | Airborne Geophysics | Also magnetic survey . |
| 12/13/1978 | Airborne Geophysics | Also magnetic survey . |
| 12/13/1966 | Ground Geophysics | |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| 061317 | 1975 | A Report on Turam Electromagnetic Surveys | EM - Ground Geophysics | | |
| 017744 | 1967 | Report on Airborne Geophysical Survey and Bulldozer Follow-Up | Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Line Cutting - Other, Mechanical - Trenching | | |
| 092062 | 1966 | Geological Map of Faro area | Regional Bedrock Mapping - Geology | | |
| 017563 | 1966 | Geochemical Report on the Olgie 1 to 16 Mineral Claims in the Whitehorse Mining Division (NTS 105-K-1) | Soil - Geochemistry, Line Cutting - Other | | |
| 017560 | 1966 | [Geological, Geophysical and Geochemical Reports on Snowcap Mineral Claims] | Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetism - Ground Geophysics | | |

Related References

| Number | Title | Page(s) | Reference Type | Document Type |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|--------------------------|
| ARMC013537 | Geological and drilling report - Mal, Bar, Wop, Tenas, Bell and T claim groups - 'Tenas option' - Field work completed Aug 12 to Oct 19, 1982 | | Property File Collection | Report |
| ARMC013605 | Report of 1977 activities and results on the Mal, Bar, Tenas and Bell claims for Welcome North Mines Limited - With Figures 1 & 2 and Drawings 77-9, 77-8, 77-7, 77-15, 77-14, 77-13, 3-2, 3-1, 5-2, 5-1, 4-2, 4-1. - Tenas project | | Property File Collection | Report |
| ARMC013541 | Report on 1977 work programme for Teck Mining Group Limited and R.E. Chaplin - Wop claims | | Property File Collection | Report |
| ARMC013542 | Report on Anvil project exploration programme 1974 - Project No. 303 | | Property File Collection | Report |
| ARMC016717 | Geochemical map - 105K/1 - Tenas Creek | | Property File Collection | Geochemical Map |
| ARMC013532 | Tenas Creek with field markings on existing and 1981 extended grid lines - NTS 105K-1 | | Property File Collection | Geoscience Map (General) |
| ARMC013538 | Report on the geology of the T, Tenas, Wop, Bar and Mal claims - Tenas joint venture | | Property File Collection | Report |
| ARMC013534 | Report on the reconnaissance spectral IP survey - Tenas project | | Property File Collection | Report |

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|---------------------------------------|
| ARMC013535 | Report on the reconnaissance spectral IP survey - Tenas project, Whitehorse Mining District, Y.T. - Vol II (a) - Data plots | | Property File Collection | Report |
| ARMC013536 | Report on the reconnaissance spectral IP survey - Tenas project, Whitehorse Mining District, Y.T. - Vol II (b) - Data plots | | Property File Collection | Report |
| ARMC013530 | Report on the Tenas Creek project, Ross River, Y.T. | | Property File Collection | Report |
| ARMC013533 | Sketch claim map for Tenas Creek showing T claims | | Property File Collection | Geoscience Map (General) |
| ARMC013531 | Map of Tenas Creek showing location sketch for 1981 cut lines on Tenas project - NTS 105K-1 | | Property File Collection | Geoscience Map (General) |
| ARMC013539 | Geological, geophysical, geochemical surveys and diamond drill results - Wop mineral claims - Tenas Creek area - Field work completed in 1974 between July and September | | Property File Collection | Report |
| ARMC016718 | Geology map - 105K/1 - Tenas Creek | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC013540 | Gravity survey - Wop claims grid - Addendum: Second vertical derivative | | Property File Collection | Report |