



Occurrence Details

Occurrence Number: 115I 066
Occurrence Name: Cyprus
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 4:57:30 PM

General Information

Secondary Commodities: copper, gold, molybdenum

Aliases: Discovery Creek Project, Mt. Nansen

Deposit Type(s): Porphyry Cu-Mo-Au

Location(s): 62°5'45.48" N - 137°10'26.12" W

NTS Mapsheet(s): 115I03

Location Comments: Location provided by Rockhaven Resources 2019

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The porphyry occurrence was first recognized in late 1969 by several exploration groups while most of it lay within the large claim block surrounding the Mt Nansen vein property. Part of the eastern side was originally staked as Yu cl 1-32 (73506) in May 1958 by Silver Standard Mines Ltd., which added Me cl 1-16 (73722) in July 1958 and carried out geological mapping and EM surveying in 1958-1959 and later carried out geochemical sampling and hand trenching.

During 1970, the Swiss interests controlling Mt Nansen Mines Ltd. explored the porphyry potential with stream sediment and soil geochemical sampling and airborne magnetometer, EM and K40 surveying. The portion of the claims beyond the mill site and developed vein systems were optioned from 1971-1975 by Area Exploration Company, a Cyprus Exploration Corporation Ltd. subsidiary, which carried out soil sampling, IP, magnetometer and EM surveying and drilled 11 percussion and diamond drill holes (1,770 m) in 1971; 12 holes (2,129 m) in 1972; and 3 holes (approximately 600 m) in 1973. Getty Mines Ltd participated in part of the 1972 program.

The western side was re-staked as Sen cl 1-8 (YA23985) in March 1979 by Cominco Ltd., which carried out geological mapping, prospecting and geochemical rock and soil sampling in 1979-1981. Mt Nansen Mines Ltd. transferred its interest to BYG Natural Resources Inc. in 1984. Chevron Canada Resources Ltd. optioned the BYG property in June 1985 and re-staked the west side of the occurrence as TBR cl 1-8 (YA86690) in May 1985 and EEK cl 1-18 (YA87210) to the east in June 1985.

G. Dickson re-staked the areas southwest of the occurrence as Bull cl 1-8 (YA81420) in February 1984; northeast of the occurrence as Wedge cl 1-15 (YA82167) in May 1984; and north of the occurrence as Etzel cl 1-50 (YA86336) in November 1984. Dickson carried out VLF-EM surveying and bulldozer trenching in 1985. Pearl Resources Ltd. briefly optioned the claims in 1986 and carried out geological mapping and geochemical sampling later in the year.

In 1987, the property was optioned to Aurchem Exploration Ltd., which carried out bulldozer trenching in 1987, geochemical sampling in 1988 and trenching, geological mapping, soil geochemical sampling and geophysical surveying in 1991 on claims surrounding the occurrence. The Wedge, Etzel, Bull, etc. claims were transferred to Dickson's widow, J. Dickson, in July 1993 and a program of trenching was carried out on the claims in November of that year.

In March 1995 the Wedge, Etzel and Bull claims were transferred to Aurchem Exploration Ltd. and combined with the company's other claim holdings in the area, which collectively became known as the Discovery Creek project (MINFILE occurrences 115I 068, 093, 096 and 117).

In July 1996, BYG Natural Resources Inc. signed a letter of intent to explore Aurchem's claims in the Mount Nansen area. Subsequently in September 1997, BYG entered into an agreement with Trumpeter Yukon Gold Inc. (a wholly owned subsidiary of BYG) whereby Trumpeter would be entitled to earn a 60% interest in the Aurchem claims by assuming a portion of the financial obligations outlined in the original agreement. As of December 1997, BYG and Trumpeter had not completed the terms outlined in the original letter of intent and negotiated a restructuring of the terms with Aurchem. In February 1999, BYG announced plans to temporarily shut down the Mount Nansen Mine. In March 1999, BYG was placed in receivership and the Nansen mine became a Type II Minesite.

The Wedge, Etzel and Bull claims reverted to Aurchem after the federal government took over maintenance of the adjoining Mount Nansen mine site in July 1999. In 2003 Aurchem performed geological mapping and sampling over the Cyprus occurrence.

In 2009, 101073531 Saskatchewan Corp. flew a regional airborne and magnetic survey that included the Cyprus occurrence. In 2011, Ansell Capital Corp optioned the Discovery Creek property, including the Cyprus occurrence, from Aurchem Exploration. Ansell Capital carried out bedrock mapping as well as rock and soil geochemistry in 2011.

Regional & Property Geology

The occurrence is located in the Dawson Range within Yukon-Tanana Terrane (YTT). The rocks of the YTT in this region consist of Early Mississippian metamorphic rocks separated into meta-sedimentary and meta-igneous suites (Stroschein, 1998). The meta-sedimentary suite consists of micaceous quartz-feldspar gneiss, schist and quartzite of the Nasina Assemblage. The meta-igneous package is comprised of biotite-hornblende feldspar gneiss and coarse-grained granodiorite orthogneiss with lesser amphibolite.

Four rock types dominate the geology surrounding the occurrence and are comprised of:

1. Paleozoic metamorphic Yukon-Tanana gneiss, quartzite, and amphibolite to the south;
2. Triassic to Jurassic metamorphosed alkali-feldspar-rich plutonic suites;
3. Mid-Cretaceous Mount Nansen Suite andesite, felsic lapilli tuffs, basaltic to latite volcanic rocks; and quartz feldspar porphyry, dacite, latite, and quartz monzonite porphyritic hypabyssal rocks; and
4. Mid-Cretaceous Whitehorse granodiorite.

The Cyprus occurrence is associated with a complex of subvolcanic plugs and dykes of rhyodacite porphyry and quartz-feldspar porphyry and andesitic rocks of the Late Cretaceous to Paleocene aged Mount Nansen volcanic suite which have intruded the granodiorite of the mid Cretaceous Dawson Range Plutonic Suite. The porphyry complex forms a northwesterly trending zone about 3.2 km long and 1.6 km wide. Two subcircular breccia pipes with a quartz-tourmaline matrix have a maximum diameter of 150 m on surface. Similar breccias found at depth have a matrix of quartz only. Hart and Langdon (1998) describe this occurrence as being the central porphyry zone of the Mount Nansen porphyry complex. The quartz-tourmaline zone is surrounded by successive phyllitic, argillitic and propylitic alteration zones.

Mineralization & Results

Pyrite, chalcopyrite and molybdenite occur as disseminations and in quartz veinlets and are most concentrated within the phyllitic phase of a concentric alteration zone peripheral to breccia bodies associated with the Late Cretaceous plugs and dykes. Minor amounts of galena and sphalerite also occur in veinlets within the porphyry complex.

Leaching extends to depths of up to 60 m and has resulted in a weak supergene zone 0 to 90 m thick, in which chalcocite coats pyrite and, to a lesser extent, chalcopyrite. Grades vary considerably with the best values in the range of 0.5 to 0.6% copper and 0.06% molybdenum disulphide (MoS_2), associated with fractured zones where supergene chalcocite is well developed. The average hypogene grade is about 0.1 to 0.15% copper and 0.01% molybdenum disulphide. Average copper grades appear to be twice as high in the supergene zone.

The Cominco work performed between 1979 and 1981 was directed toward the tin potential of the breccia. Grid and soil sampling located weak molybdenum and tungsten response, but no tin. Chevron's trenches returned high gold backgrounds (up to 350 ppb) but no economically significant intersections. Welcome North's work showed that arsenopyrite and pyrite-bearing quartz veins occur in sericitized and argillitically altered northwest-trending shear zones in the granodiorite. Specimens from the veins assayed up to 0.99 g/t gold.

Beginning in 2001 Aurchem Exploration began re-examining historic exploration data in order to create new exploration targets. In 2001, the company's efforts identified a 40 m wide silicified alteration system exposed in an outcrop of brecciated feldspar porphyry on Wedge cl 12 in the vicinity of a grab sample that had reportedly returned 270 ppb gold. A zone of pyritized phyllitic alteration in the porphyry was discovered flanking the zone of silicification. Sampling of both zones returned weakly anomalous gold and silver values, ranging from 10 to 45 ppb gold with 0.4 to 1.6 ppm silver in the silicified zone and 10 to 110 ppb gold with 0.2 to 1.6 ppm silver in the flanking pyritized phyllitic alteration zone.

Soil sampling in 2003 returned copper values up to 415 ppm and molybdenum values up to 204 ppm. Follow-up rock sampling returned up to 217 ppm copper and 1,015 ppm molybdenum.

Work History

| Date | Work Type | Comment |
|------------|---------------------|--|
| 12/31/2003 | Geochemistry | On JCS claims. |
| 12/31/2002 | Geochemistry | |
| 12/31/2002 | Geology | |
| 12/31/2002 | Trenching | |
| 12/31/2001 | Geochemistry | |
| 12/31/2001 | Geology | |
| 12/31/2001 | Trenching | |
| 12/31/1993 | Trenching | Work carried out on Wedge, Etzel, Dic, J-Bill, Ox and Bull claims. |
| 12/31/1991 | Geology | |
| 12/31/1991 | Geochemistry | |
| 12/31/1991 | Ground Geophysics | Also magnetic survey. |
| 12/31/1991 | Trenching | |
| 12/31/1988 | Geochemistry | |
| 12/31/1987 | Trenching | |
| 12/31/1986 | Geology | |
| 12/31/1986 | Other | |
| 12/31/1985 | Geochemistry | |
| 12/31/1985 | Ground Geophysics | Also VLF survey. |
| 12/31/1985 | Trenching | Approximately 430 meter of excavator trenching. |
| 12/31/1980 | Geochemistry | Also soil sampling. |
| 12/31/1980 | Geology | |
| 12/31/1974 | Geochemistry | |
| 12/31/1973 | Drilling | Three holes, 600 m. |
| 12/31/1973 | Geochemistry | |
| 12/31/1972 | Drilling | Twelve holes, 2,129 m. |
| 12/31/1972 | Geochemistry | |
| 12/31/1971 | Drilling | Also diamond drilling. Eleven holes, 1,770 m. |
| 12/31/1971 | Geochemistry | |
| 12/31/1971 | Ground Geophysics | Also magnetic and EM surveys. |
| 12/31/1970 | Geochemistry | |
| 12/31/1970 | Geochemistry | |
| 12/31/1970 | Airborne Geophysics | Also magnetic survey. |

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|------------|-------------------|
| 12/31/1958 | Geology |
| 12/31/1958 | Geochemistry |
| 12/31/1958 | Ground Geophysics |
| 12/31/1958 | Trenching |
| 12/13/2011 | Geochemistry |
| 12/13/2011 | Geology |
| 12/13/2011 | Geochemistry |
| 12/13/2010 | Geochemistry |
| 12/13/2003 | Geochemistry |
| 12/13/2003 | Geology |
| 12/13/1992 | Drilling |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|---|--|---------------|----------------|
| 095861 | 2011 | Assessment Report on the 2011 Trenching and Diamond Drilling Program | Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching | 22 | 3607.93 |
| 095471 | 2011 | Summary Report on the 2011 Reconnaissance Mapping and Soil Geochemistry Program | Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology | | |
| 095089 | 2009 | Report on a Geophysical Survey on the Mount Nansen Property and the Tawa Property | Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics | | |
| 094450 | 2003 | Exploration Report for 2003 Geological, Geochemical and Trenching on the Bull, Jbf, Etzel, J-Bill and Jcs Mineral Claims | Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Cursory Property Visit - Other, Prospecting - Other, Mechanical - Trenching | | |
| 094238 | 2001 | Geological, Geochemical and Trenching on the Vic, Wedge 12 and Bull 4 | Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching | | |
| 092701 | 1989 | Report on the Geology and Mineral Inventory of the Mt. Nansen and Tawa Properties With Assessment of the Economic Potential for Open Pit Mining of Oxidized Mineralization in the Brown-McDade Zone | Data Compilation - Pre-existing Data, Resource Estimate - Studies | | |
| 091870 | 1986 | Geological and Geochemical Report on the Etzel and Wedge Claims | Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other | | |
| 062230 | 1966 | Preliminary Feasibility Report Development and Mining Operations at the Mount Nansen Properties | Pre-feasibility - Studies | | |

Related References

| Number | Title | Page(s) | Reference Type | Document Type |
|-----------------------------|--|---------|--------------------------|---------------------------------------|
| ARMC00 4469 | Ground magnetometer survey - Map No. W-130-15 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4470 | Induced polarization survey - Contours of percent frequency effect - Map no. W-130-5 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4471 | Induced polarization survey - Contours of percent frequency effect - Map no. W-130-6 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4472 | Survey grid map - M-546-T-22 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4474 | Survey grid and topography map - M-546-T18 - Mt. Nansen project | | Property File Collection | Geoscience Map (General) |
| ARMC00 4475 | Survey grid map - M-546-T20 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4476 | Survey grid map - M-546-T21 - Mt. Nansen project | | Property File Collection | Geophysical Map |
| ARMC00 4477 | Plan view - Brown-McDade main zone - M-546-C-91 - Mt. Nansen project | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC00 4478 | Claims map showing Betty, Stone, Dome, Bit, Laura, Joanne, Dolly, Jeff, BM and South claims - M-546-CL-14 - Mt. Nansen project | | Property File Collection | Geoscience Map (General) |
| ARMC00 4479 | Claims location map - M-546-CL-15 - Mt. Nansen project | | Property File Collection | Geoscience Map (General) |
| ARMC00 4480 | Geology map - M-546-G-23 - Mt. Nansen project | | Property File Collection | Geoscience Map (Geological - Bedrock) |

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|------------------------------------|---|--------------------------|---------------------------------------|
| <u>ARMC00_4481</u> | Area geology map - M-546-G-24 - Mt. Nansen project | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_4482</u> | Generalized alteration plan map - M-546-G-25 - Mt. Nansen project | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_4483</u> | Schematic geological section X-Y - M-546-G-26 - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4484</u> | Schematic geological section alone line 224N - M-546-G-27 - Mt. Nansen Lithologic log, assay log, structural log, fault Log, geotechnical log project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4486</u> | Map - Drilling, 1971 and proposed drilling, 1972 - M-546-D-11 - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4487</u> | Map - Drillhole and water locations 1973 - M-546-D-12 - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4488</u> | Plan view map - M-546-C-90 - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4489</u> | Plan map showing trenches - M-546-C92 - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4450</u> | Induced polarization survey map - Contours of apparent resistivity - Map no. W-130-4 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4451</u> | Induced polarization survey map - Contours of apparent resistivity - Map no. W-130-3 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4452</u> | Induced polarization survey map - Contours of apparent resistivity - Map no. W-130-2 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4453</u> | Induced polarization survey map - Contours of apparent resistivity - Map no. W-130-1 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4454</u> | Induced polarization survey map - Contours of apparent metal factor - Map no. W-130-12 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4455</u> | Induced polarization survey map - Contours of apparent metal factor - Map no. W-130-11 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4456</u> | Induced polarization survey map - Contours of apparent metal factor - Map no. W-130-10 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4457</u> | Induced polarization survey map - Contours of apparent metal factor - Map no. W-130-9 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4458</u> | Induced polarization survey map - Contours of apparent metal factor - Map no. W-130-14 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4459</u> | Induced polarization survey map - Contours of percent frequency effect - Map no. W-130-8 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4460</u> | Induced polarization survey map - Contours of percent frequency effect - Map no. W-130-7 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4461</u> | Induced polarization survey map - Contours of percent frequency effect - Map no. W-130-13 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_4463</u> | Electromagnetic survey map - Mt. Nansen project - Plate 2 | Property File Collection | Geophysical Map |
| <u>ARMC00_4464</u> | Magnetic profile - Mt. Nansen project - Sheet 3 | Property File Collection | Geophysical Map |
| <u>ARMC00_4465</u> | Magnetic profile - Mt. Nansen project - Sheet 2 | Property File Collection | Geophysical Map |
| <u>ARMC00_4466</u> | Magnetic profile - Mt. Nansen project - Sheet 1 | Property File Collection | Geophysical Map |
| <u>ARMC00_6817</u> | Claim map - Mt. Nansen area | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6634</u> | Notes and sketch map - Mt. Nansen drill holes | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6635</u> | Correspondence Re: Mount Nansen exploration syndicate | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6603</u> | New regional - Nansen | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6637</u> | Portion of March 1982 feasibility report - Mt. Nansen mine | Property File Collection | Report |
| <u>ARMC00_6604</u> | Notes - Samples taken by Mike Phillips - Etzel 25 claim | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6638</u> | Property geology map - Mount Nansen property | Property File Collection | Geoscience Map (Geological - Bedrock) |

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|------------------------------------|--|--------------------------|---------------------------------------|
| <u>ARMC00_6607</u> | Sketch map and overlays - Wedge (Prochem) claims - Mt. Nansen area | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6639</u> | Plan map - Geochemical soil survey anomalies - Values in ppm silver and arsenic - Mt. Nansen mine area | Property File Collection | Geochemical Map |
| <u>ARMC00_6608</u> | Summary report - Mt. Nansen - Wedge claims | Property File Collection | Report |
| <u>ARMC00_6640</u> | General plan map - property geology - Mount Nansen | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6609</u> | Notes and map Re: Prochem claims | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6641</u> | Geology map - Mount Nansen area | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6627</u> | Annual report 1968 - Mount Nansen mines | Property File Collection | Report |
| <u>ARMC00_6642</u> | Main workings and general geology map - Mount Nansen properties | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6629</u> | Photo - Mt. Nansen area | Property File Collection | Photos |
| <u>ARMC00_6643</u> | Geology and assays map - Mt. Nansen | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6630</u> | Correspondence Re: Mount Nansen mines data | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6631</u> | Correspondence Re: Target for mine development, 1965 | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6645</u> | Topographic map showing Mt. Nansen roads | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6633</u> | Summary report to date of 1964 season's work - Mount Nansen mines | Property File Collection | Report |
| <u>ARMC00_6658</u> | Geology map of Nansen Creek area claims | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6793</u> | Correspondence Re: Discovery Creek project, Mount Nansen | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6660</u> | Geology plan map - Nansen Creek area | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6810</u> | Notes Re: Mt. Nansen camp - 115I-3 | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6742</u> | Geology map - Target 1, 101, 102, 103 - 1983-1985 - Mt. Nansen area | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6813</u> | Map - Target No. 1 - Mount Nansen camp | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6743</u> | Fig 3b - Map showing targets 1W, 101, 102, 103 | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6815</u> | Mt. Nansen area compilation map - Overlay | Property File Collection | Geoscience Map (Geological - Bedrock) |
| <u>ARMC00_6744</u> | Sample locations map - 1985 program - Target 1W, 101, 102, 103 - Gold-silver regional | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_6816</u> | Notes Re: Rex Silver | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC00_6745</u> | Sketch map - Target IW | Property File Collection | Geoscience Map (General) |
| <u>ARMC00_4468</u> | Ronka EM-16 survey map - Map No. W-130-16 - Mt. Nansen project | Property File Collection | Geophysical Map |
| <u>ARMC00_6746</u> | Certificate of analysis - YIW | Property File Collection | Assays |
| <u>ARMC00_6602</u> | Proposal report - Mt. Nansen camp | Property File Collection | Report |
| <u>ARMC00_4467</u> | Electromagnetic survey map - Mt. Nansen project - Plate 1 | Property File Collection | Geophysical Map |

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| ARMC00_4462 | Electromagnetic survey map - Mt. Nansen project - Plate 3 | Property File Collection | Geophysical Map |
| ARMC00_4485 | Geology map - M-546-G-28 - Rusk Creek - Mt. Nansen project | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC00_4473 | Survey grid map - M-546-T19 - Mt. Nansen project | Property File Collection | Geophysical Map |
| ARMC01_0592 | Sketch map showing lineations, Vic trench, J Bill trenches - Mt. Nansen area | Property File Collection | Geoscience Map (General) |
| ARMC01_0597 | Mylar overlays of Dickenson report/map - Ag and Pb - Nansen N. | Property File Collection | Geochemical Map |
| ARMC01_0598 | Mylar overlays of the Mt. Nansen area showing embayment lineations, mine, placer creek, and hot spot | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC01_0599 | Mylar overlay of the Mt. Nansen area showing lineations, fault lines and structural features | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC01_0600 | Mylar overlay of the Mt. Nansen area showing claim outlines, outcrop locations and geochemical sample locations | Property File Collection | Geochemical Map |
| ARMC01_0601 | Mylar overlays of lineations and fault blocks in Freegold and Mt. Nansen areas | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC00_7048 | Claim map - Mt. Nansen area | Property File Collection | Geoscience Map (General) |
| ARMC00_7051 | Property exam report - Etzel and Wedge claims - Mt. Nansen district | Property File Collection | Report |
| ARMC00_7055 | Mt. Nansen area map with field notes | Property File Collection | Geoscience Map (General) |
| ARMC01_2136 | Report on an initial geochemical base metal exploration program carried out on soil samples from the Mt. Nansen area | Property File Collection | Report |
| ARMC01_2905 | Report on proposed development program - Huestis & Webber mines 1969 | Property File Collection | Report |
| ARMC01_2911 | Ore reserves - Dec. 1, 1968 - Mt. Nansen Mines Ltd. | Property File Collection | Report |
| ARMC01_2142 | The petrology and alteration of the Mount Nansen porphyry stock near Carmacks | Property File Collection | BSc Thesis |
| ARMC01_2140 | Trend surface and factor analysis of geochemical data from the Mount Nansen area - Mt. Nansen property | Property File Collection | Report |
| ARMC01_2907 | Proposed budget (October 1, 1968 - July 31, 1969) - Mt. Nansen operation | Property File Collection | Report |
| ARMC01_3213 | Addendum to report on Peso Silver Mines Ltd. properties, Yukon Territory | Property File Collection | Report |
| ARMC01_2141 | Stream sampling survey 1970 - Mount Nansen property | Property File Collection | Report |
| ARMC01_2910 | Mineralogical investigation of a sample of silver-gold ore from Mount Nansen Mines Limited, Yukon Territory - Mines branch investigative report IR 68-52 | Property File Collection | Report |
| ARMC01_2148 | Mount Nansen Project - Report on drilling 1971 and 1972 - With appendix: drilling 1973 | Property File Collection | Report |
| ARMC01_2150 | Mount Nansen project #158 - Progress report #1 for period June 1-30, 1971 and Electromagnetic survey report - Mt. Nansen project #158 | Property File Collection | Report |
| ARMC01_2146 | Mt. Nansen Project - A geophysical report on ground magnetic, electromagnetic and induced polarization surveys | Property File Collection | Report |
| ARMC01_3210 | 1968 annual report - Moneta Porcupine Mines, Limited | Property File Collection | Report |
| ARMC01_2144 | A report on the geology of the Mt. Nansen claims - Project 158 | Property File Collection | Report |
| ARMC01_6612 | Geochemical map with notations - 115I/3 - Victoria Mountain | Property File Collection | Geochemical Map |
| ARMC01_1181 | Map section - Diamond drilling - 1971 - Mt. Nansen | Property File Collection | Geoscience Map (General) |
| ARMC01_1180 | Map section - Percussion holes - 1971 - Mt. Nansen | Property File Collection | Geoscience Map (General) |
| ARMC01_3214 | Review report on the geology and ore reserves of the Peso Silver Mines Ltd. Properties, Yukon Territory | Property File Collection | Report |
| ARMC01_2904 | Review-report on the Mt. Nansen Mine, Yukon Territory, Canada | Property File Collection | Report |
| ARMC01_6613 | Geology map - 115I/3 - Victoria Mountain | Property File Collection | Geoscience Map (Geological - Bedrock) |

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| <u>ARMC01_2145</u> | Final report on the exploration activities on the Tee, Bun and Sue claims | Property File Collection | Report |
| <u>ARMC01_2143</u> | Geochemical soil survey - 1970 - Mount Nansen property | Property File Collection | Report |
| <u>ARMC01_2138</u> | Correspondence and notes - Property submission: Silent Jack property, Rockland Mines | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC01_2906</u> | Economic performance of the Mt. Nansen operation | Property File Collection | Report |
| <u>ARMC01_2139</u> | Correspondence re: property submission: D. Morin, Lonely Creek claim | Property File Collection | Miscellaneous Company Documents |
| <u>ARMC01_2137</u> | Electromagnetic survey - Mt. Nansen area | Property File Collection | Geophysical Map |
| <u>ARMC01_3211</u> | Geochemical lab reports - Moneta Porcupine Mines, Ltd. - No. 20-34 | Property File Collection | Assays |
| <u>ARMC01_2909</u> | Feasibility report - Mt. Nansen mine & mill, Carmacks, Yukon Territory | Property File Collection | Report |
| <u>ARMC01_3212</u> | Charter Oil Company Limited - 1968 annual report | Property File Collection | Report |
| <u>ARMC01_1179</u> | Claim location plan map - Mt. Nansen project | Property File Collection | Geoscience Map (General) |
| <u>1989-3</u> | Yukon Gold-Silver File Description of Occurrences | Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division | Open File (Geological - Bedrock) |
| <u>YEG1997_14</u> | Geology and mineral deposits of the Mount Nansen camp, Yukon | Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division | Annual Report Paper |
| <u>1987-2_G</u> | Geology of Mt. Nansen (115I/3) and Stoddart Creek (115I/6), Dawson Range, Central Yukon | Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division | Open File (Geological - Bedrock) |

Drill core at YGS core library

| Number | Property | Year Drilled | Core Size | Photos | Data |
|------------------------------|----------|--------------|-----------|--------|------|
| <u>CD-15</u> | Cyprus | 1973 | NTW-BTW | 22 | 4 |
| <u>CD-17</u> | Cyprus | 1973 | NTW-BTW | 18 | 3 |
| <u>CD-13</u> | Cyprus | 1972 | BTW | 10 | 3 |
| <u>CD-14</u> | Cyprus | 1972 | BTW | 12 | 3 |
| <u>CD-3</u> | Cyprus | 1972 | BTW | 12 | 3 |
| <u>CD-4</u> | Cyprus | 1972 | BTW | 16 | 3 |
| <u>CD-5</u> | Cyprus | 1972 | BTW | 16 | 3 |
| <u>CD-6</u> | Cyprus | 1972 | BTW | 18 | 3 |
| <u>CD-7</u> | Cyprus | 1972 | BTW | 14 | 3 |
| <u>CD-8</u> | Cyprus | 1972 | BTW | 24 | 3 |
| <u>CD-9</u> | Cyprus | 1972 | BTW | 24 | 4 |