



Occurrence Details

Occurrence Number: 115I 084

Occurrence Name: Lonely

Occurrence Type: Hard-rock

Status: Showing

Date printed: 4/28/2025 1:45:33 PM

General Information

Secondary Commodities: copper, gold, silver

Deposit Type(s): Vein Au-Quartz

Location(s): 62°4'31.24" N - -137°19'38" W

NTS Mapsheet(s): 115I03

Location Comments: Location provided by Rockhaven Resources 2019

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as the Nan cl (Y90719) in September 1974 by G. Dickson, who had previously explored in this area about 1970 with bulldozer trenching. Re-staked as Only cl 1-30 (YA93535) by Kerr Addison ML in August 1985, which explored by geological mapping, grid soil geochemistry, VLF and EM-16 surveys in 1986 and hand trenching in 1988.

Re-staked as Mn cl 1-80 (YB96530) by BYG Natural Resources Inc in September 1996.

Re-staked as Max cl 1-194 (YD127441) in 2011 by YES Exploration Syndicate and Olympic Resources Ltd. who carried out soil sampling and prospecting.

In 2017, Archer Cathro re-staked the claims as Lone cl 1-61 (YF59161).

Regional & Property Geology

Limited exposure in the area indicates Mount Nansen volcanics consisting of rhyodacite-andesite feldspar porphyry and porphyritic tuffs to lapilli tuffs underlie the majority of the property. To the north and south, the Mount Nansen volcanics are in contact with mid-Cretaceous Whitehorse Suite plutonic granodiorite and quartz-diorite.

The Lonely occurrence is associated with a small stock of weakly altered, brecciated and pyritized mid-Cretaceous Prospector Mountain feldspar porphyry that has weathered to a noticeable gossan near the centre of the claim group and contains disseminated arsenopyrite and chalcopyrite. The showing is bounded to the east and north by unaltered feldspar porphyry and to the south and west by unaltered granodiorite.

Mineralization & Results

Quartz stringers in the porphyry occur along a major north-trending structure that exhibits clay alteration and silicification. Further work in 1988 noted fine-grained pyrite and/or pyrrhotite locally throughout this altered porphyry with minor chalcopyrite, arsenopyrite and possible molybdenite.

Quartz specimens from 1984 assayed up to 1.6 g/t Au and 15 g/t Ag.

Soil samples taken near the occurrence from 1986 by Kerr Addison Mines returned gold-in-soil values up to 150 ppb. Trenching in 1987 returned rock samples with up to 115 ppb Au, 555 ppm Cu and 115 ppm Ag.

Work History

| Date | Work Type | Comment |
|------------|-------------------|------------------|
| 12/31/1988 | Trenching | |
| 12/31/1986 | Geology | |
| 12/31/1986 | Geochemistry | |
| 12/31/1986 | Ground Geophysics | Also VLF survey. |
| 12/31/1970 | Trenching | |
| 12/13/2011 | Geochemistry | |
| 12/13/2011 | Other | |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|---------------------------------------|---|---------------|----------------|
| 096050 | 2011 | Assessment Report on the Max Property | Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other | | |

| | | | | | |
|------------------------|------|---|---|--|--|
| 092584 | 1988 | Only Claims 1-30 Trenching 1988 Assessment and In-House Report | Hand - Trenching | | |
| 091917 | 1986 | Only 1-30 Claims Assessment Report Geological, Geochemical and Geophysical Report | Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics | | |

Related References

| Number | Title | Page(s) | Reference Type | Document Type |
|----------------------------|---|---------|--------------------------|---------------------------------------|
| ARMC006742 | Geology map - Target 1, 101, 102, 103 - 1983-1985 - Mt. Nanasen area | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC006743 | Fig 3b - Map showing targets 1W, 101, 102, 103 | | Property File Collection | Geoscience Map (General) |
| ARMC006744 | Sample locations map - 1985 program - Target 1W, 101, 102, 103 - Gold-silver regional | | Property File Collection | Geoscience Map (General) |
| ARMC006745 | Sketch map - Target 1W | | Property File Collection | Geoscience Map (General) |
| ARMC006746 | Certificate of analysis - YIW | | Property File Collection | Assays |
| ARMC007031 | Field notes - 1988 - Only claims | | Property File Collection | Miscellaneous Company Documents |
| ARMC007032 | Detail grid map - Only claims - Lonely property | | Property File Collection | Geoscience Map (General) |
| ARMC007033 | Cross section map - Only claims | | Property File Collection | Geoscience Map (General) |
| ARMC007034 | Geology map - Only mineral claims | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC007035 | EM survey map - Baseline 20W - Only mineral claims | | Property File Collection | Geophysical Map |
| ARMC007036 | EM survey map - Line 39N to 50N - Only mineral claims | | Property File Collection | Geophysical Map |
| ARMC007037 | Notes - Lonely property | | Property File Collection | Miscellaneous Company Documents |
| ARMC007043 | Geology map of Only claims area | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC007044 | Map of Only claims area | | Property File Collection | Geoscience Map (General) |
| ARMC007045 | Certificate of analysis - Only claims | | Property File Collection | Assays |
| ARMC007046 | Compilation map - Only claims | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC007047 | Compilation map showing proposed trench - Only claims | | Property File Collection | Geoscience Map (Geological - Bedrock) |
| ARMC007048 | Claim map - Mt. Nansen area | | Property File Collection | Geoscience Map (General) |
| ARMC007049 | Report on the 1987 field examination of the Only mineral claims | | Property File Collection | Report |
| ARMC007050 | Report - Only claims - Mt. Nansen area | | Property File Collection | Report |
| ARMC007053 | Notes and EM survey data - Only mineral claims | | Property File Collection | Miscellaneous Company Documents |
| ARMC007055 | Mt. Nansen area map with field notes | | Property File Collection | Geoscience Map (General) |
| ARMC007056 | Certificates of analysis - Only claims | | Property File Collection | Assays |