



Occurrence Details

Occurrence Number: 116B 126
Occurrence Name: Quigley
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/15/2025 11:47:58 AM

General Information

Secondary Commodities: arsenic, copper, gold, lead, mercury
Aliases: Gc
Deposit Type(s): Plutonic Related Au
Location(s): 64°1'26" N - -139°21'19" W
NTS Mapsheet(s): 116B03
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as G.C. cl (YA47945) in Oct/79 by H. Algottson, who trenched with a bulldozer in 1980 in conjunction with nearby placer work. The adjoining Dawson cl (YA79469) to the south and Crazy cl (YA79611) to the west were staked in Oct/83 by Texoro Res L and Eastern ML, respectively, both of which performed mapping, sampling and an airborne EM survey in 1984. W. Dawson tied on Snake cl (YA84563) in Sep/84 and conducted mag and VLF surveys in 1986 and 1986.
Restaked as Hawk cl (YA88021) in Aug/86 by W. Hawkes. Airborne VLF and magnetic surveys were conducted over the entire area in 1986 and 1987, and grid soil sampling was done on the Crazy cl in 1986. Hawkes performed bulldozer trenching in 1988, then entered an agreement with Arbor Resources Inc. which conducted 381 m of rotary drilling (5 holes) in 1990. The Hawk cl were transferred in Jan/91 to Arbor Res L, which trenched and diamond drilled 8 holes (623.3 m) on the Hawk 57, 155 and 157 claims in 1992, added two JAD 1-2 fractional claims (YB40660) to cover a narrow sliver of open ground between the Dawson and Hawk claims in May/92, and performed 10.9 km of resistivity surveys. Kennecott Canada Inc. optioned the Snake claims in May/93.

Capsule Geology

The property is centred on Trail Hill, and is underlain by graphitic Nasina Series quartz-muscovite schist and quartzite with fault slivers of serpentinite. These rocks are intruded by Cretaceous quartz-feldspar porphyry and diabase dykes. Schist adjacent to the dykes is hydrothermally altered to clay and propylitic assemblages, and pyrite is common in both dykes and wallrocks. A thick section of unconsolidated White Channel gravel covers most of the property, but in places, placer mining has created good bedrock exposure.
Soil sampling on the Crazy claims outlined an area of weakly anomalous gold, silver, arsenic, mercury, lead and copper values. The most anomalous value was 17.4 ppm silver. Mapping in 1990 identified an extensive zone of hydrothermal alteration where a thrust fault is cut by a diabase dyke. The rotary drilling tested the alteration zone, and did not penetrate beneath it. All of the holes were barren of gold, but ICP analyses of the cuttings returned anomalous values for arsenic (up to 1 358 ppm), tungsten (up to 27 ppm), and thallium (average 15 ppm).
A 30 cm quartz vein tested by one of the 1992 drillholes contained minor galena, but assays were disappointing.

References

ARBOR RESOURCES INC, News Release, 22 Oct/90.
ARBOR RESOURCES LTD, Mar/88. Assessment Report *#092126 by P.B. Grunenberg.
ARBOR RESOURCES INC, 1991. Assessment Report #092973 by S. Tomlinson and R. Gonzalez.
ARBOR RESOURCES INC, Sep/92. Assessment Report #093047 by J.D. Blanchflower.
EASTERN MINES LTD, Mar/87. Assessment Report *#091749 by P.E. Walcott.
EASTERN MINES LTD, Sep/87. Assessment Report *#091758 by R.J. deCarle.
GEORGE CROSS NEWSLETTER, 13 Aug/90; 12 May/92.
YUKON EXPLORATION 1985-86, p. 296, 298-299.

Work History

| Date | Work Type | Comment |
|------------|-------------------|-----------------------|
| 12/31/1992 | Drilling | Eight holes, 623.3 m. |
| 12/31/1992 | Trenching | |
| 12/31/1990 | Drilling | Five holes, 381 m. |
| 12/31/1988 | Trenching | |
| 12/31/1987 | Ground Geophysics | Also VLF survey. |

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| 12/31/1986 | Ground Geophysics | Also VLF survey. |
| 12/31/1980 | Trenching | |
| 12/13/1992 | Ground Geophysics | |
| 12/13/1987 | Airborne Geophysics | Also VLF survey. |
| 12/13/1986 | Geochemistry | |
| 12/13/1986 | Airborne Geophysics | Also VLF survey. |
| 12/13/1984 | Geochemistry | Also soil sampling. |
| 12/13/1984 | Geology | |
| 12/13/1984 | Ground Geophysics | |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|---|--|---------------|----------------|
| 094119 | 1999 | Assessment Report Klondike and Wedge Claim Blocks | Interpretation - Airphotography, Bedrock Mapping - Geology, Data Compilation - Pre-existing Data, Landsat - Remote Sensing | | |
| 093321 | 1994 | 1994 Annual Report on the Klondike Gold Project | Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other, Backhoe - Trenching | | |
| 092973 | 1990 | Geological and Rotary Drilling Report on the Trail Hill Property | Rotary - Drilling, Drill Cuttings - Geochemistry, Detailed Bedrock Mapping - Geology | 5 | 384 |
| 092690 | 1988 | Geological, Geophysical, Geochemical, and Trench Report for Work Performed by Mark Management Ltd. on the REEF Grid | All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching | | |
| 091758 | 1987 | Report on Combined Helicopter Borne Electromagnetic, Magnetic, and VLF-EM Survey on the Bonanza Creek Project | Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Orthophoto - Airphotography | | |
| 091981 | 1987 | Report on Combined Helicopter Borne Electromagnetic, Magnetic, and VLF-EM Survey | Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics | | |
| 091807 | 1985 | Geological, Geochemical and Geophysical Report for Work performed by Mark Management on the Dawson Property | Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Petrographic - Lab Work/Physical Studies, Mechanical - Trenching | | |
| 091546 | 1983 | Regional Geochemical and Geophysical Report on the Syndicate, Dawson, William, 83, 98, Wild, and Wild Card Claims | Magnetic - Airborne Geophysics, Bedrock Mapping - Geology, EM - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Data Compilation - Pre-existing Data | | |