



Occurrence Details

Occurrence Number: 116B 126

Occurrence Name: Quigley

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/29/2025 7:15:05 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. Algotsson, 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.

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		