



Occurrence Details

Occurrence Number: 115I 120

Occurrence Name: Elephant

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 12/16/2025 7:35:40 AM

General Information

Secondary Commodities: copper, gold, lead, silver, zinc

Deposit Type(s): Epithermal Au-Ag: Low Sulphidation

Location(s): 62°18'36" N - -137°11'30" W

NTS Mapsheet(s): 115I06

Location Comments: Coordinates provided by Triumph Gold in 2020.

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The Elephant cl 1-14 (YA86794) were staked in April 1985 by G. Lee and optioned to Noranda Exploration Company Ltd, which staked Elephant cl 15-20 (YA96415) and performed mapping, trenching and geochemical sampling in 1986 and 1987.

B. Harris staked the Rag 25-26 cl (YB46562) to the southwest in December 1993. In October 1993, the Elephant claims and Rag cl 25-26 were optioned to La Rock Mining Corp. In December 1996, La Rock filed for assessment credit on the Elephant claims for a soil survey carried out on the Glen claim located immediately to the north.

Northern Freegold Resources consolidated the claims in 2006 as part of their Golden Revenue property and performed a property wide VTEM and magnetic airborne survey, including the Elephant occurrence.

Triumph Gold acquired Northern Freegold Resources in 2015 and the property that includes the Elephant occurrence is now termed the Freegold Mountain Project.

Regional & Property Geology

The occurrence is partly underlain by 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. The meta-sedimentary suite consists of micaceous quartz-feldspar gneiss, schist and quartzite. The meta-igneous package is comprised of biotite-hornblende feldspar gneiss and coarse-grained granodiorite orthogneiss with lesser amphibolite.

The YTT basement rocks are cut by numerous plutonic and volcanic events from the Mesozoic (Murray & Friend, 2018), including:

1. Early Jurassic Long Lake monzonite to syenite plutonic suites;
2. Mid-Cretaceous Mount Nansen Suite andesite to diorite;
3. Mid-Cretaceous Whitehorse granodiorite, quartz monzonite and granite;
4. Late Cretaceous Casino quartz monzonite;
5. Late Cretaceous Prospector Mountain syenite; and,
6. Quartz feldspar and feldspar hornblende porphyry dykes and plugs.

The major structural feature in the area is the Big Creek Fault with steeply-dipping, northwest-trending dextral faults parallel to the more regional Tintina and Denali faults (AR 097175). The claims cover a pendant of Paleozoic hornblende-biotite-feldspar gneiss and schist within Jurassic monzonite directly to the north and Cretaceous Casino monzonite to the south (AR 092113).

Mineralization & Results

A number of gold-silver-arsenic soil geochemical anomalies range up to 2,200 ppb Au, 5.8 ppm Ag and 2,560 ppm As, but no mineralization has been found in situ.

Grouping regulations allowed La Rock to claim assessment credit for work performed on the Glen claims (MINFILE occurrence 115I 121).

Work History

Date	Work Type	Comment
12/31/1996	Geochemistry	Carried out on Elephant claims.
12/31/1987	Geology	
12/31/1987	Geochemistry	
12/31/1986	Geology	
12/31/1986	Ground Geophysics	And EM.
12/13/2006	Airborne Geophysics	Property wide survey.
12/13/2006	Airborne Geophysics	Property wide survey.
12/13/1987	Geochemistry	

12/13/1987	Trenching	Six trenches totaling 242 m.
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Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094745	2006	2006 Geophysical Assessment Report on the Freegold Mountain Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
093746	1997	Assessment Report on the Rag and May Claims	Rock - Geochemistry, Soil - Geochemistry, Mechanical - Trenching		
093528	1996	Exploration Report on the Glen,Castle,Rag, and Elephant Claims	All Weather Road - Development, Surface, Soil - Geochemistry, Mechanical - Trenching		
093189	1994	Exploration Report on the Freegold Mountain Project Freegold Mountain Area	Rock - Geochemistry, Soil - Geochemistry, Line Cutting - Other, Prospecting - Other, Mechanical - Trenching		
092113	1987	Geology, Geochemistry, and Trenching Report 1987 on the Elephant 1-20 Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Mechanical - Trenching		
092139	1987	Rag and May Claims 1987 Summer Geological and Geochemical Program Report	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
091742	1986	Geophysical and Geochemical Report on the Elephant 1-20 Claims	Rock - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Cursory Property Visit - Other		
091804	1985	Geological and Geochemical Report on the NUCLEUS Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Property Evaluation - Other, Prospecting - Other, Mechanical - Trenching		
091823	1985	Geological and Geochemical Report on the Stoddart Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
120015	1982	Guder Creek Magnetometer Survey	Magnetics - Ground Geophysics, Backhoe - Trenching		
120114	1982	Magnetometer Survey on Semour (Kitchener) Creek	EM - Ground Geophysics, Backhoe - Trenching		
090048	1975	A Report on an Induced Polarization Survey - Ag and Au Claims	IP - Ground Geophysics		
061154	1974	Application for Northern Mineral Assistance Grant Peg, Au, Ag, Add and Gold Star Claim Groups, Cat Trenching Report Gold Star Group	Mechanical - Trenching		
060200	1970	Report on the Geophysical and Geochemical Surveys Ram and Bow Claim Groups	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC007852	Orthophoto map - Freegold Mtn. - Job No. 06065-3		Property File Collection	Geoscience Map (General)
YEG2017_4	New contributions to the bedrock geology of the Mount Freegold district, Dawson Range, Yukon (NTS 115I/2, 6 and 7)		Yukon Geological Survey	Annual Report Paper
2018-2	Bedrock geological map of the Mount Freegold district, Dawson Range		Yukon Geological Survey	Open File (Geological - Bedrock)