



## Occurrence Details

**Occurrence Number:** 115I 054

**Occurrence Name:** Laforma

**Occurrence Type:** Hard-rock

**Status:** Deposit

**Date printed:** 8/5/2025 8:27:14 AM

## General Information

**Primary Commodities:** gold, silver

**Secondary Commodities:** copper, lead, zinc

**Deposit Type(s):** Epithermal Au-Ag-Cu: High Sulphidation

**Location(s):** 62°16'8" N - 137°7'4" W

**NTS Mapsheet(s):** 115I06

**Location Comments:** Coordinates provided by Triumph Gold in 2020.

**Hand Samples Available:** Yes

**Last Reviewed:**

## Capsule

### Work History

The G-3 Vein was first staked as Spruce cl (15777) by Livingstone Wernecke and transferred to A.L. Major in March 1931. W.J. Langham added Goose, etc cl (15602) in April 1931 and collared a short adit (No. 1) at the 1,188.7 m elevation in the winter of 1932-1933. A. Brown and G. Fairclough staked the adjoining Wild Rose, Theodore, etc cl (15651) in March 1931 and explored with trenching until 1936, when Mount Freegold Yukon Mines Ltd drove a short adit and constructed a 9 tonne mill on the Wild Rose Vein. The Langham, Forrest, Major (Laforma) property was optioned in 1934-1935 by N.A. Timmins Corporation, in 1935-1936 by Yukon Consolidated Gold Corporation, and in 1938 by T.C. Richards and E. Keobke who also optioned the nearby Caribou Creek property (MINFILE occurrence 115I 049), from which they moved the 9 tonne mill to the No. 2 adit on the G-3 Vein. In 1939-1940, they milled 1,286 tonnes before dropping the option. Underground development to that point by N.A. Timmins, Yukon Consolidated and Richards et al. consisted of about 366 m in the No. 2 adit level (1,104.9 m elevation) and 213 m in the No. 3 adit level (1,080.5 m elevation) plus several raises. In addition, a 67 m adit was driven on the Alpha Vein.

The property was next investigated in 1946 by Transcontinental Resources Ltd., then optioned in 1951 by Garski Gold Mines Ltd, which carried out limited trenching until 1955. Ormsby Mines Ltd. purchased both the Laforma and Brown-Fairclough groups in 1958, surveyed the claims and took them to lease in 1959. The company explored the G-3 Vein with 633 m of underground drilling and over 762 m of drifting in 1960-1965. This included a new No. 4 adit at the 1,021.1 m elevation, which outlined two ore shoots called the South and North Zones.

Discovery Mines Ltd, formed by the merger of Ormsby Mines Ltd and Consolidated Discovery Yellowknife Mines Ltd., constructed a 113 tonne mill in 1964 but milled only 8,653 tonnes in 1965-1966 before closure due to poor recovery. Discovery conducted a geochemical survey in 1974 and transferred the property to a private company, Botha Lake Mining Corporation in 1975. It was then optioned to Rayrock Mines Ltd. and Ashland Oil Canada Ltd., which drilled 13 holes (998.8 m) later in the year and carried out geochemical surveying in 1975. Esperanza Exploration Ltd. added the Gnat cl 1-102 (YA24934) to the north in August 1979 and optioned the Discovery Mines Ltd. property in February 1980.

The Esperanza interests were acquired in May 1980 by Arctic Red Resources Corporation, which carried out soil geochemical sampling and geological mapping in 1980, rehabilitated the No. 4 level in 1981-1982 and drilled 11 underground holes (944.9 m) beneath the South Zone in 1982. The 1983 program, which was a joint venture with S.J. Resources Corporation (a subsidiary of Ark La Tex Petroleum Corporation), consisted of 222 m of drifting on the No. 4 level, 15 underground holes (1,252.7 m) beneath the North Zone, and continued underground rehabilitation and metallurgical testing.

After the Arctic Red option expired in 1986, the property was optioned by Tally-Ho Exploration Ltd., which commenced a low-level adit late in 1987 in a joint venture with Equity Silver Mines Ltd. Approximately 610 m of the proposed 762 m adit were completed before the program was terminated. Mainstreet Mining put a Miner's lien on the property and acquired the claims in 1989.

In 1993, the property was optioned by Redell Mining Corporation. In 1994, Redell carried out trenching and drilled 23 holes (2,000 m) on the G-3 Zone. In August 1994, Redell optioned the adjoining Antoniuk (MINFILE occurrence 105I 111) and Goldstar and Vindicator (MINFILE occurrence 115I 053 and 115I 052) properties. In April 1995, Nat cl 1(YA86843) and Peggy claims, existing fringe claims, were transferred to Redell.

In 1995, Redell drilled 21 diamond drill holes (2,134 m), trenched and rehabilitated the No. 2 and No. 3 adits on the property. A winterized 20 man camp and concrete pads for a mill building were also constructed. In 1996, Redell constructed a mill on the property and continued underground development and exploration on the G-3 and G-3 extension zones. In June 1996, all work on the mine and adjoining properties was halted when the Vancouver Stock Exchange suspended trading in Redell for failure to provide independent verification of ore reserves at Laforma.

In April 1998, the company re-organized and changed its name to FM Resources Corporation, which carried out soil and rock geochemical sampling, trenching and prospecting in peripheral areas of their combined claim holdings during 1999. In 2000, FM returned 76 of 80 claims comprising the Goldstar/Vindicator properties, located to the west, to their original owners and carried out linecutting later that year and limited geological mapping in 2001 on the Peggy and Ant claims which adjoin the quartz mining leases that encompass the Laforma deposit (this occurrence) and the Antoniuk deposit (MINFILE occurrence 115I 111).

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 Laforma deposit.

Triumph Gold acquired Northern Freegold Resources in 2015 and the property that includes the Laforma deposit 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;
4. Late Cretaceous Casino quartz monzonite;
5. Late Cretaceous Prospector Mountain syenite; and,
6. Quartz feldspar and feldspar hornblende porphyry dykes and plugs.

### Mineralization & Results

The Laforma occurrence includes more than ten northeast-trending and steeply northwest-dipping quartz veins cutting complex and strongly altered Mid-Cretaceous Whitehorse suite granodiorite of the Dawson Range plutonic suite (McInnes et al., 1990). The best vein, the G-3, is in a shear zone up to 2.4 m wide and consists of lenses of broken, brownish-stained vein quartz, occasionally grey with finely disseminated pyrite and arsenopyrite. Seams of crushed pyrite and occasional arsenopyrite, chalcopyrite, sphalerite and galena, are also present. The gold occurs mainly as fine disseminations of free gold in the quartz. The granitic material in the shear zone is almost completely altered to clay and sericite and the wallrocks exhibit similar alteration (AR 094141; McInnes, 1987).

The G-3 Zone has been explored underground for a length of more than 427 m and through a vertical range of about 300 m. The 1939-1940 production recovered 44,696 grams of Au (exclusive of 47 tonnes of sulphide concentrate). Discovery Mines Ltd. recovered 49,890 grams Au and 17,729 grams Ag in 1965-1966. Reserves were calculated as 62,184 tonnes grading 15.1 g/t Au across a 1.2 m mining width above the No. 4 level after mining ceased in 1966. The 1975 drilling investigated arsenic-gold geochemical anomalies along a faulted extension of the G-3 Vein to the south. This drilling tested the vein for up to 122 m below the No. 4 level.

A detailed study by Redell Mining Corp. indicates the mineralized shear system may be more than 12 metres wide, thereby greatly increasing the reserves. The number 2 level workings have at least a 6 metre width of 12.3 g/t Au uncut and 7.2 g/t cut along a length of 112 metres. Several trenches in the G-3 Zone returned high silver assays, with values of 870 g/t Ag and 2.0 g/t Au over 5 metres, 330 g/t Ag and 2.1 g/t Au over 3 metres, and 370 g/t Ag and 0.68 g/t Au over 13 metres.

The 1994 drilling program returned erratic results. Approximately 50% of the holes returned low or negligible mineralization while the remaining holes returned varying amount of mineralization. Hole 94-17 drilled in the south zone returned 10.5 m grading 47.65 g/t Au. Other significant intersections include 13.7 m (hole 94-6) and 9.8 m (hole 94-10) both of which returned assays of 7.9 g/t Au.

Trenching 100 m west of the G-3 zone produced an assay of 40 g/t Au over a 0.9 m width.

The 1995 drill program returned mineralized intersections of 8.2 g/t Au over 1.8 m in hole 95-10, 20.4 g/t Au over 1.5 m in hole 95-11 and 8.8 g/t Au over 2.1 m in hole 95-12.

## Work History

Date	Work Type	Comment
12/31/1998	Geochemistry	
12/31/1998	Geochemistry	
12/31/1998	Trenching	
12/31/1996	Other	Development and exploration of G-3 and G-3 extension zones.
12/31/1995	Drilling	Number of holes drilled: 21 Amount of work done: 2134 METRES
12/31/1995	Development, Underground	
12/31/1994	Drilling	Number of holes drilled: 23 Amount of work done: 2000 METRES Drilling was carried out on G-3 Zone.
12/31/1994	Trenching	Trenching was carried out on G-3 Zone.
12/31/1987	Other	Amount of work done: 609.6 METRES of an adit.
12/31/1983	Drilling	Number of holes drilled: 15 Amount of work done: 1252.7 METRES
12/31/1983	Lab Work/Physical Studies	
12/31/1983	Development, Underground	222 m of underground drifting on the No. 4 level.
12/31/1982	Drilling	Number of holes drilled: 11 Amount of work done: 945 METRES
12/31/1982	Development, Underground	
12/31/1981	Development, Underground	
12/31/1975	Drilling	Number of holes drilled: 13 Amount of work done: 998.82 METRES
12/31/1975	Geochemistry	
12/31/1974	Geochemistry	
12/31/1966	Other	Milled 8,653 tonnes between 1965 and 1966.
12/31/1964	Development, Surface	Constructed 113 tonne mill.
12/31/1955	Trenching	
12/31/1954	Trenching	
12/31/1953	Trenching	

12/31/1952	Trenching	
12/31/1951	Trenching	
12/31/1940	Other	Completed about 646 m of mining and milled 1,286 tonnes of ore between 1939-1940.
12/31/1938	Development, Surface	Moved 10 ton mill to G-3 vein (no.2 adit).
12/31/1936	Development, Surface	10 ton mill.
12/31/1936	Trenching	
12/31/1936	Other	Short adit.
12/31/1935	Trenching	
12/31/1934	Trenching	
12/31/1933	Trenching	
12/31/1933	Other	Completed adit at 3900 ft level over winter 1932 - 1933.
12/31/1932	Trenching	
12/31/1931	Trenching	
12/13/2006	Airborne Geophysics	Property wide survey.
12/13/2006	Airborne Geophysics	Property wide survey.
12/13/1999	Geochemistry	
12/13/1980	Geology	
12/13/1980	Geochemistry	
12/13/1965	Development, Underground	Exploration of the G-3 vein between 1960 and 1965 with 762 m of drifting.
12/13/1965	Drilling	Exploration of the G-3 vein between 1960 and 1965 with 633 m of underground drilling.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">094745</a>	2006	2006 Geophysical Assessment Report on the Freegold Mountain Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
<a href="#">094226</a>	2000	Linecutting and Geology Program Completed at the Mt. Freegold Property	Regional Bedrock Mapping - Geology, Line Cutting - Other		
<a href="#">094141</a>	1999	Geochemical Survey and Trenching Program Completed at the Mt. Freegold Property	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching		
<a href="#">097013</a>	1994	Redell Mining Corp's Laforma Mine at Mount Freegold, brochure	Property Evaluation - Other		
<a href="#">092127</a>	1987	Trenching, Geophysical and Diamond Drilling Program on the Goldstar Property	All Weather Road - Development, Surface, Diamond - Drilling, Rock - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Mechanical - Trenching	17	741.10
<a href="#">091802</a>	1985	Geochemical and Geological Report on the Nat 1-29 and 30F-33F Claims Mt. Freegold	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other, Hand - Trenching, Mechanical - Trenching		
<a href="#">062138</a>	1982	Report on the Laforma Property Mt. Freegold	Preliminary Economic Assessment - Studies		
<a href="#">060200</a>	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
<a href="#">ARMC00 6756</a>	1981 Final report for Freegold project		Property File Collection	Report
<a href="#">ARMC00 6786</a>	A supplementary report on the 1974 geochemical soil survey on the LaForma property of Discovery Mines Limited		Property File Collection	Report
<a href="#">ARMC00 6787</a>	Muskwa 1995 soil sampling data - Freegold Mtn.		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC00 6788</a>	Location grid table - Freegold Mtn.		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC00 6789</a>	Notes Re: Mt. Freegold		Property File Collection	Miscellaneous Company Documents

<a href="#">ARMC006790</a>	Correspondence Re: Mt. Freegold/LaForma district		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC006791</a>	Excerpt - MIR 1975 - Laforma		Property File Collection	Report
<a href="#">ARMC006792</a>	Figure F2 - Geology - Freegold project - Mount Freegold area		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC012942</a>	Report - Laforma property		Property File Collection	Report
<a href="#">ARMC012160</a>	Report on 1974 field work - Northern mineral assistance grant - Gold Star, PEG, ADD, AU and AG groups		Property File Collection	Report
<a href="#">ARMC012159</a>	Report on the Gold Star group 115-I-6, Whitehorse Mining District, Yukon Territory		Property File Collection	Report
<a href="#">ARMC012166</a>	Report on the Gold Star group 115-I-6, Whitehorse Mining District, Yukon Territory		Property File Collection	Report
<a href="#">ARMC012179</a>	Progress reports: June 4, June 24, July, & August 1974 - Freegold Project		Property File Collection	Report
<a href="#">ARMC012170</a>	Provisional geology map of Mt. Freegold		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC016277</a>	Surface plan map - Area I - 1975 survey and diamond drilling - Laforma project		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC016278</a>	Surface plan map - Area II - 1975 survey and diamond drilling - Laforma project		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC012167</a>	Geochemical map of Potassium 40 - Contour interval 5 cps - Big Creek area - Carmacks - Job No. 1150 - Fig. No. 5		Property File Collection	Geochemical Map
<a href="#">ARMC012184</a>	Sketch maps - Trenches A - L & P-U - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012177</a>	Isomagnetic plan (gammas) - Freegold Mountain Project - Fig. 4		Property File Collection	Geophysical Map
<a href="#">ARMC012174</a>	Map of total isomagnetic plan - Big Creek area - Carmacks - Job No. 1150 - Fig. No. 4		Property File Collection	Geophysical Map
<a href="#">ARMC011333</a>	Soil geochemical map - Arsenic values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC011331</a>	Soil geochemical map - Copper values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC011330</a>	Soil geochemical map - Lead values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC011356</a>	Magnetometer survey - East sheet - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC016627</a>	Land and disposition and mineral deposits chart - Freegold - Big Creek area		Property File Collection	Geoscience Map (General)
<a href="#">ARMC006650</a>	Correspondence Re: Mt. Freegold/LaForma district		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC006755</a>	A report on the 1975 diamond drill program at the Laforma property - Mt. Freegold		Property File Collection	Report
<a href="#">ARMC012175</a>	Magnetometer values (gammas) - Freegold Mountain project - Fig. 3 with notes		Property File Collection	Geophysical Map
<a href="#">ARMC012182</a>	Provisional map 115-I/6 - Stoddart Creek with notes		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012176</a>	Magnetometer values (gammas) - Freegold Mountain Project - Fig. 3 with notes		Property File Collection	Geophysical Map
<a href="#">ARMC011457</a>	Map legend - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC011339</a>	Magnetometer survey - West sheet - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC012185</a>	Provisional map 115-I/6 - Stoddart Creek with notes on Traverse M22-6		Property File Collection	Geoscience Map (General)
<a href="#">ARMC011332</a>	Soil geochemical map - Integrated metal values for Cu, Pb, As - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC012161</a>	Diamond drill record - Hole No. DDH-G-1 to DDH-G-8 with cross-section maps - Mt. Freegold		Property File Collection	Drill Logs
<a href="#">ARMC012183</a>	Field sheets for 1974 - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a>	Flight Line Layout - Big Creek Area - Carmacks - Job No. 1150 - Fig. No. 3		Property File Collection	Geoscience Map

<a href="#">2173</a>	Flight Line Layout - Big Creek Area - Carmacks - JOB NO. 1130, FIG. NO. 3		Property File Collection	(General)
<a href="#">ARMC01</a> <a href="#">2168</a>	General geological report on "Freegold Mountain" property, Whitehorse M.D., Y.T.		Property File Collection	Report
<a href="#">ARMC01</a> <a href="#">1461</a>	Compilation map - Freegold Mountain		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01</a> <a href="#">2165</a>	Geophysical note on the magnetometer survey of portions of Freegold Mountain, Carmacks, Y.T., on behalf of Prism Resources		Property File Collection	Report
<a href="#">ARMC01</a> <a href="#">2164</a>	Analyses certificate and assay results - Mt. Freegold		Property File Collection	Assays
<a href="#">ARMC01</a> <a href="#">1342</a>	Geochemical soil survey - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC01</a> <a href="#">1338</a>	Geochemical survey - West sheet - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC01</a> <a href="#">1341</a>	Geochemical survey - East sheet - Freegold project		Property File Collection	Geochemical Map
<a href="#">ARMC01</a> <a href="#">1324</a>	Geology & assay plan map - Trench A - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1326</a>	Geology & assay plan map - Trench B - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1325</a>	Geology & assay plan map - Trench C - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1323</a>	Geology & assay plan map - Trench D - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1322</a>	Geology & assay plan map - Trench E - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1321</a>	Geology & assay plan map - Trench F - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1327</a>	Geology & assay plan map - Trench G - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1328</a>	Geology & assay plan map - Trench H - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1329</a>	Geology & assay plan map - Trench I - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1318</a>	Geology & assay plan map - Trench K - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1317</a>	Geology & assay plan map - Trench L - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1314</a>	Geology & assay plan map - Trench P - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1316</a>	Geology & assay plan map - Trench Q - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1315</a>	Geology & assay plan map - Trench R - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1319</a>	Geology & assay plan map - Trenches J & V - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1320</a>	Geology & assay plan map - Trenches S, T & U - Area A - Freegold project		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01</a> <a href="#">1344</a>	Geochemical & magnetometer surveys - Area B - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC01</a> <a href="#">1345</a>	Geochemical & magnetometer surveys - Area C - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC01</a> <a href="#">2163</a>	Geology and Development - Area A - Freegold Project		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01</a> <a href="#">6626</a>	Geology and mineralization chart - Freegold - Big Creek area		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01</a> <a href="#">2181</a>	Magnetometer correction graphs & base station readings - May to June 1974 - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC01</a> <a href="#">1343</a>	Magnetometer survey - Area A - Freegold project		Property File Collection	Geophysical Map
<a href="#">ARMC01</a> <a href="#">2169</a>	Correspondence Re: Internal report, maps on Mt. Freegold claim groups		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC01</a> <a href="#">9538</a>	A valuation of the LaForma gold mine for Doron Explorations Inc. - Report and correspondence		Property File Collection	Report
<a href="#">ARMC01</a>	Correspondence with Prism Resources Re: Gold Star group near Carmacks		Property File Collection	Miscellaneous Company

<a href="#">2178</a>	Correspondence with Fish Resources re: Gold Star group near Carmacks		Property File Collection	Company Documents
<a href="#">ARMC01 1460</a>	Cross section - DDH-G-1 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1459</a>	Cross section - DDH-G-2 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1458</a>	Cross section - DDH-G-3 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1452</a>	Cross section - DDH-G-4 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1453</a>	Cross section - DDH-G-5 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1454</a>	Cross section - DDH-G-6 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1456</a>	Cross section - DDH-G-7 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 1455</a>	Cross section - DDH-G-8 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">ARMC01 2180</a>	Field notes - Magnetometer survey for May to June 1974 - Freegold project		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC01 2171</a>	Cat trenching report - Margarete, Augusta, Liberty, Gold Star, Peerless, Protection, Shearzone 1-2, Vindicator 1-2, Excelsior 1-3, Progress 1-2, Greenstone 5, Greenstone 6 claims - Gold Star group		Property File Collection	Report
<a href="#">ARMC01 2172</a>	Cat trenching report - Margarete, Augusta, Gold Star claims - Gold Star group		Property File Collection	Report
<a href="#">ARMC01 2162</a>	Field sheets and claim maps - Margarete zone and MJK mineral claims - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">BROCK0 00136</a>	Geology - Freegold project - Mount Freegold area - Fig. F2 (coloured)		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">BROCK0 00137</a>	Gold assays - Laforma property - National joint venture with handwritten notations		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">BROCK0 00138</a>	Geology - Laforma property - National joint venture with handwritten notations		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">BROCK0 00139</a>	Report - Freegold area project - 115-I-3 & 6 - CAR and MJK claims		Property File Collection	Report
<a href="#">BROCK0 00141</a>	Gold geochemistry - Freegold project - With hand drawn information		Property File Collection	Geochemical Map
<a href="#">BROCK0 00142</a>	Geophysical cross sections - Lines 00, 2N, 4N, 6N, 8N, 10N, 12N - Freegold LaForma		Property File Collection	Geophysical Map
<a href="#">BROCK0 00143</a>	Presidents report - Freegold Laforma - Arctic Red Resources Corp.		Property File Collection	Report
<a href="#">BROCK0 00146</a>	Gold geochemistry - Freegold project - Figure F3 with handwritten information and pencil marks		Property File Collection	Geochemical Map
<a href="#">BROCK0 00147</a>	Progress report Freegold project - May 22, 1981		Property File Collection	Report
<a href="#">BROCK0 00148</a>	Final report - 1980 Freegold project - Mount Freegold area		Property File Collection	Report
<a href="#">BROCK0 00149</a>	Report on the combined geophysical surveys on the Freegold project		Property File Collection	Report
<a href="#">BROCK0 00150</a>	Trace element distribution in drill core at Mt. Freegold - Addendum to final report - 1980 Freegold project		Property File Collection	Report
<a href="#">BROCK0 00151</a>	Progress report - Freegold project - June 15, 1981		Property File Collection	Report
<a href="#">BROCK0 00152</a>	Progress report - Freegold project - July 8, 1981		Property File Collection	Report
<a href="#">BROCK0 00153</a>	Surface plan and drill hole sections - Grid 200 and 500 - Mt. Freegold		Property File Collection	Geoscience Map (General)
<a href="#">BROCK0 00154</a>	X-section - Line 2S - Holes AR-81-02, 03, 04		Property File Collection	Geoscience Map (General)
<a href="#">BROCK0 00155</a>	Magnetometer survey - Area A - Freegold project		Property File Collection	Geophysical Map
<a href="#">BROCK0 00156</a>	Geochemical soil survey - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK0 00157</a>	Geochemical & magnetometer surveys - Area B - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK0</a>	Geochemical & magnetometer surveys - Area C - Freegold project		Property File Collection	Geochemical Map

<a href="#">00158</a>	Geochemical & magnetometer surveys - Area C - Freegold project		Property File Collection	Geochemical map
<a href="#">BROCK00159</a>	Geochemical survey - East sheet - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK00160</a>	Geochemical survey - West sheet - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK00161</a>	Magnetometer survey - West sheet - Freegold project		Property File Collection	Geophysical Map
<a href="#">BROCK00162</a>	Magnetometer survey - East sheet - Freegold project		Property File Collection	Geophysical Map
<a href="#">BROCK00163</a>	Compilation map - Freegold Mtn, Yukon - Contour interval 50'		Property File Collection	Geoscience Map (General)
<a href="#">BROCK00164</a>	Soil geochem. - Arsenic values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK00165</a>	Soil geochem. - Intergrated metal values - Cu, Pb, As - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK00166</a>	Soil geochem. - Copper values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">BROCK00167</a>	Soil geochem. - Lead values - Area A - Freegold project		Property File Collection	Geochemical Map
<a href="#">YEG2017-4</a>	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
<a href="#">1987-2(G)</a>	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)
<a href="#">2018-2</a>	Bedrock geological map of the Mount Freegold district, Dawson Range		Yukon Geological Survey	Open File (Geological - Bedrock)
<a href="#">1987McInnes</a>	Geological and precious metal evolution at Freegold Mountain, Dawson Range, Yukon		McMaster University	MSc Thesis

## Resource/Reserve

Year	Zone	Type	Commodity	Grade	Tonnage	A mount	Reported Amount	43-101 Compliant	Cut-off
1996	G3 vein and G3 Extension (Underground)	Historical Estimate	gold	1.95 g/t	1,333,739		No	No	0g/t Au
quoted in GeoVector Management, April 2010 from Ash and Associates for Redell Mining Corp (no reference provided). Geological resource, potential volume calculation. Not sampled- waste.									
1996	G3 Vein and G3 Extension (Underground)	Historical Estimate	gold	11 g/t	221,577		No	No	1.555g/t Au
quoted in GeoVector Management, April 2010 from Ash and Associates for Redell Mining Corp (no reference provided). Assayed portion of geological resource.									
1966	G-3 VEIN (UNDERGROUND)	Historical Estimate	gold	15.1 g/t	62,184		No	No	Unknown
This figure is based on rough calculations from previous mining operations.Assessment Report #062138 by R.S. Adamson. The author assumed a 1.25 m mining width but previous mining averaged 1.72 m mining width.									

## Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
<a href="#">TH-88-DDH-1</a>	Laforma	1988	HQ	0	2
<a href="#">R75-02</a>	Laforma	1975		0	2
<a href="#">R75-06</a>	Laforma	1975		0	2