



Occurrence Details

Occurrence Number: 115I 054

Occurrence Name: Laforma

Occurrence Type: Hard-rock

Status: Deposit

Date printed: 12/16/2025 7:47:16 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
094745	2006	2006 Geophysical Assessment Report on the Freegold Mountain Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
094226	2000	Linecutting and Geology Program Completed at the Mt. Freegold Property	Regional Bedrock Mapping - Geology, Line Cutting - Other		
094141	1999	Geochemical Survey and Trenching Program Completed at the Mt. Freegold Property	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching		
097013	1994	Redell Mining Corp's Laforma Mine at Mount Freegold, brochure	Property Evaluation - Other		
092127	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
091802	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		
062138	1982	Report on the Laforma Property Mt. Freegold	Preliminary Economic Assessment - Studies		
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
ARMC00 6756	1981 Final report for Freegold project		Property File Collection	Report
ARMC00 6786	A supplementary report on the 1974 geochemical soil survey on the LaForma property of Discovery Mines Limited		Property File Collection	Report
ARMC00 6787	Muskwa 1995 soil sampling data - Freegold Mtn.		Property File Collection	Miscellaneous Company Documents
ARMC00 6788	Location grid table - Freegold Mtn.		Property File Collection	Miscellaneous Company Documents
ARMC00 6789	Notes Re: Mt. Freegold		Property File Collection	Miscellaneous Company Documents

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

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

2178	Correspondence with Fish Resources re: Gold Star group near Carmacks		Property File Collection	Company Documents
ARMC011460	Cross section - DDH-G-1 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011459	Cross section - DDH-G-2 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011458	Cross section - DDH-G-3 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011452	Cross section - DDH-G-4 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011453	Cross section - DDH-G-5 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011454	Cross section - DDH-G-6 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011456	Cross section - DDH-G-7 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC011455	Cross section - DDH-G-8 - Mt. Freegold		Property File Collection	Geoscience Map (General)
ARMC012180	Field notes - Magnetometer survey for May to June 1974 - Freegold project		Property File Collection	Miscellaneous Company Documents
ARMC012171	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
ARMC012172	Cat trenching report - Margarete, Augusta, Gold Star claims - Gold Star group		Property File Collection	Report
ARMC012162	Field sheets and claim maps - Margarete zone and MJK mineral claims - Mt. Freegold		Property File Collection	Geoscience Map (General)
BROCK000136	Geology - Freegold project - Mount Freegold area - Fig. F2 (coloured)		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000137	Gold assays - Laforma property - National joint venture with handwritten notations		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000138	Geology - Laforma property - National joint venture with handwritten notations		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000139	Report - Freegold area project - 115-1-3 & 6 - CAR and MJK claims		Property File Collection	Report
BROCK000141	Gold geochemistry - Freegold project - With hand drawn information		Property File Collection	Geochemical Map
BROCK000142	Geophysical cross sections - Lines 00, 2N, 4N, 6N, 8N, 10N, 12N - Freegold LaForma		Property File Collection	Geophysical Map
BROCK000143	Presidents report - Freegold Laforma - Arctic Red Resources Corp.		Property File Collection	Report
BROCK000146	Gold geochemistry - Freegold project - Figure F3 with handwritten information and pencil marks		Property File Collection	Geochemical Map
BROCK000147	Progress report Freegold project - May 22, 1981		Property File Collection	Report
BROCK000148	Final report - 1980 Freegold project - Mount Freegold area		Property File Collection	Report
BROCK000149	Report on the combined geophysical surveys on the Freegold project		Property File Collection	Report
BROCK000150	Trace element distribution in drill core at Mt. Freegold - Addendum to final report - 1980 Freegold project		Property File Collection	Report
BROCK000151	Progress report - Freegold project - June 15, 1981		Property File Collection	Report
BROCK000152	Progress report - Freegold project - July 8, 1981		Property File Collection	Report
BROCK000153	Surface plan and drill hole sections - Grid 200 and 500 - Mt. Freegold		Property File Collection	Geoscience Map (General)
BROCK000154	X-section - Line 2S - Holes AR-81-02, 03, 04		Property File Collection	Geoscience Map (General)
BROCK000155	Magnetometer survey - Area A - Freegold project		Property File Collection	Geophysical Map
BROCK000156	Geochemical soil survey - Area A - Freegold project		Property File Collection	Geochemical Map
BROCK000157	Geochemical & magnetometer surveys - Area B - Freegold project		Property File Collection	Geochemical Map
BROCK000158	Geochemical & magnetometer surveys - Area C - Freegold project		Property File Collection	Geochemical Map

00158	Geochemical & magnetometer surveys - Area C - Freegold project		Property File Collection	Geochemical map
BROCK00159	Geochemical survey - East sheet - Freegold project		Property File Collection	Geochemical Map
BROCK00160	Geochemical survey - West sheet - Freegold project		Property File Collection	Geochemical Map
BROCK00161	Magnetometer survey - West sheet - Freegold project		Property File Collection	Geophysical Map
BROCK00162	Magnetometer survey - East sheet - Freegold project		Property File Collection	Geophysical Map
BROCK00163	Compilation map - Freegold Mtn, Yukon - Contour interval 50'		Property File Collection	Geoscience Map (General)
BROCK00164	Soil geochem. - Arsenic values - Area A - Freegold project		Property File Collection	Geochemical Map
BROCK00165	Soil geochem. - Intergrated metal values - Cu, Pb, As - Area A - Freegold project		Property File Collection	Geochemical Map
BROCK00166	Soil geochem. - Copper values - Area A - Freegold project		Property File Collection	Geochemical Map
BROCK00167	Soil geochem. - Lead values - Area A - Freegold project		Property File Collection	Geochemical Map
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
1987-2(G)	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)
2018-2	Bedrock geological map of the Mount Freegold district, Dawson Range		Yukon Geological Survey	Open File (Geological - Bedrock)
1987McInnes	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
TH-88-DDH-1	Laforma	1988	HQ	0	2
R75-02	Laforma	1975		0	2
R75-06	Laforma	1975		0	2