



Occurrence Details

Occurrence Number: 115J 066

Occurrence Name: Newmar

Occurrence Type: Hard-rock

Status: Anomaly

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General Information

Secondary Commodities: gold

Aliases: Sugar Area, Coffee

Deposit Type(s): Unknown

Location(s): 62°46'14" N - -138°54'17" W

NTS Mapsheet(s): 115J15

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as New cl 1-4, (Y35946), cl 23-38 (Y35968), cl 55-70 (Y36000) and cl 89-102 (Y36034) for Newmar Explorations Ltd in Jul/69. The claims were explored by geological mapping, air photo interpretation and reconnaissance soil sampling and prospecting in 1970.

In Jan/94 Archer, Cathro and Associates (1981) Ltd staked J cl 1-40 (YB46605) either over or just west of showing.

S. Ryan staked Sugar cl 1-10 (YC95568) 1 km to the northwest in Jun/2009 and carried out a small soil sampling program later in the year.

In Aug/2010, Kaminak Gold Corp surrounded Ryan's Sugar claims with Coffee cl 2125-2346 (YD89255). In Sep/2010 Kaminak Gold optioned the Sugar claims from Ryan as part of an earlier option agreement for the original Coffee claims (Minfile Occurrences #115J 110 and 111). In 2011 Kaminak Gold carried out ridge and spur soil sampling in the vicinity of this occurrence.

GEOLOGY

The area was reconnaissance mapped by D. Templeman-Kluit in 1974. In 1995, S. Johnston employed by the Yukon Geoscience Office (now part of the Yukon Geological Survey) mapped topographic map sheets 115J 9 & 10 and 115I 12 located to the immediate south. Gordey and Makepeace (2003) of the Geological Survey of Canada released a geological compilation which covered this area. M. Colpron of the Yukon Geological Survey released a Tectonic Assemblage map which included this portion of the Yukon-Tanana Terrane in 2006. Colpron's stratigraphic units and age dates differ slightly from those used by Gordey and Makepeace because he is trying to work out terrane wide relationships.

Extrapolating Johnston's, Gordey and Makepeace's and Colpron's mapping shows that the occurrence area is mainly underlain by biotite-hornblende granodiorite of the mid-Cretaceous Dawson Range Batholith. To the north and south the batholith intrudes Devonian to Mississippian age schist, quartzite and gneiss/orthogneiss of the Yukon Tanana Terrane. To the southeast the batholith is intruded by the Casino Plutonic Suite which is represented by fine- to medium-grained leucocratic granite, quartz monzonite and alaskite with associated aplite phases. The Casino Plutonic Suite was originally thought to be Late Cretaceous (70 Ma) but work by Selby et al., (1999) indicates that although the Casino Plutonic Suite intrudes the Dawson Range Batholith, its age is indistinguishable (104.2 +/- 0.5 Ma, U-Pb zircon). Late Cretaceous igneous activity produced a northwest-trending belt of small stocks, one of which, the Patton porphyry intrudes the Casino Plutonic Suite rocks, producing the copper-gold-molybdenum mineralization present at the Casino deposit (Minfile Occurrence #115J 028), located approximately 5 km to the southeast.

Geological mapping by Newmar Explorations outlined two lineaments, one trending north-south across the centre of the claim group and a second less prominent one trending southeast to the east of the first one. They were interpreted by the company to represent vertical faults. Soil sampling outlined a single station copper soil anomaly (475 ppm copper) in the southeast corner of New claim #24. The exact location of the anomaly is uncertain but assessment report # 060618 locates the anomaly on the west bank of Canadian Creek south of the two western branches where the main creek curves south.

The J claims appear to have been staked to protect access and possible infrastructure sites for the Casino deposit. The claims lapsed in Mar/99.

S. Ryan appears to have staked his Sugar claims overtop the main lineament.

Kaminak Gold informally refers to this part of their Coffee property as the "Sugar Area". Spur and ridge soil sampling carried out in 2010 outlined the Sugar soil anomaly (Minfile Occurrence #115J 062), located approximately 6 km to the northwest. Follow-up grid based soil sampling carried out in 2011 further refined the anomaly into the "Sugar North" and "Sugar South" anomalies. Ridge and spur sampling completed around this occurrence in 2011 as part of the larger grid based sampling program on the Sugar anomalies, outlined 5 spot gold in soil anomalies greater than 100 ppm gold. The best spot anomaly returned 3 086 ppm gold approximately 3 km north of this occurrence (press release Oct 11/2011). A second spot anomaly of 71 ppm gold was returned 0.5 km north of this occurrence. In 2012 Kaminak Gold plans to grid soil sample the area around this occurrence.

REFERENCES

KAMINAK GOLD CORPORATION, Oct/2011. Web Site: www.kaminak.com

KAMINAK GOLD CORPORATION, News Release. 2 Dec/2010, 11 Oct/2011.

MINERAL INDUSTRY REPORT 1969-70, p. 48.

NEWMAR EXPLORATION LTD, Sep/70. Assessment Report #060616 by R.W. Kucera.

NEWMAR EXPLORATION LTD, Nov/70. Assessment Report #060617 by W.R. Newman.

NEWMAR EXPLORATION LTD, Sep/70. Assessment Report #060618 by W.R. Newman.

TEMPLEMAN-Kluit, D.J., 1974. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon; Geological Survey of Canada, Paper 73-41, 97 p. (including preliminary maps 16-1973 (115JK), 17-1973 (115H) and 18-1973 (115N)).

Work History

Date	Work Type	Comment
12/31/2011	Geochemistry	Ridge and spur sampling untaken as part of larger grid based program focused on Sargar anomalies.
12/31/2009	Geochemistry	Ryan completed a small soil survey (36 samples) over the Sugar claims
12/31/1970	Airphotography	
12/31/1970	Geology	
12/31/1970	Geochemistry	
12/31/1970	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096326	2012	Diamond Drilling, Reverse Circulation Drilling, Soil Sampling, and Prospecting Performed on the Kaminak Gold Corporations 100% Owned Coffee Property	Diamond - Drilling, Diamond - Drilling, Reverse Circulation - Drilling, Reverse Circulation - Drilling, Drill Core - Geochemistry, Drill Core - Geochemistry, Drill Cuttings - Geochemistry, Drill Cuttings - Geochemistry, Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Column Leach Test - Lab Work/Physical Studies, Column Leach Test - Lab Work/Physical Studies, Prospecting - Other, Prospecting - Other	696	138207.18
095505	2011	Assessment Report Describing Geochemical, Geophysical and Survey Work on the Coffee Claims	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Orthophoto - Airphotography, Diamond - Drilling, Reverse Circulation - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Hydraulic - Trenching	247	48001
095302	2010	Coffee Property-2010 Assessment Report	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Magnetics - Ground Geophysics, Petrographic - Lab Work/Physical Studies, Backhoe - Trenching	76	16104
095057	2008	Summary Report of the 2008 Aster Image Program on the Canadian Creek Property	Infrared - Remote Sensing		
060617	1970	Geological Report on the Newnar Exploration Ltd.-Canadian Creek Area	Bedrock Mapping - Geology, Cursory Property Visit - Other, Prospecting - Other		
019767	1970	Geophysical Report on Airborne Magnetic and Airborne Radiometric Surveys	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
060618	1970	Geochemical Report on News Claims, Casino Area	Soil - Geochemistry		
060616	1970	Photogeological Report-Canadian Creek-Yukon Territory	Interpretation - Airphotography		
019922	1970	Geological Report on the Trans Columbia Explorations Ltd. Properties-Casino Area	Data Compilation - Pre-existing Data		
060243	1969	Soil Sampling Project-New 7-22, 39-54, 71-88	Soil - Geochemistry, Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
2006-1	Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1 000 000 scale)		Yukon Geological Survey	Open File (Geological - Bedrock)
1995-2(G)	Geological Compilation with Interpretation from Geophysical Surveys of the Northern Dawson Range, Central Yukon (115 J/9 & 10; 115 I/12)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)
YEG1997_07	Biotite chemistry of the Casino porphyry Cu-Mo-Au occurrence, Dawson Range, Yukon		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report Paper
YEG2010_15	Geology of new gold discoveries in the Coffee Creek area, White Gold District, west-central Yukon.		Yukon Geological Survey	Annual Report Paper
2003-9(D)	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)
ARMC01_6563	Geochemical map - 115J/15 - Britannia Creek		Property File Collection	Geochemical Map
ARMC01_6562	Geology map - 115J/15 - Britannia Creek		Property File Collection	Geoscience Map (Geological - Bedrock)