



Occurrence Details

Occurrence Number: 115J 029

Occurrence Name: Hole

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 12/16/2025 2:22:06 AM

General Information

Secondary Commodities: copper, molybdenum

Deposit Type(s): Porphyry Cu-Mo-Au

Location(s): 62°42'19" N - -138°53'34" W

NTS Mapsheet(s): 115J10

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked by Coin Canyon Mines Ltd in Oct/69 as Hole cl 1-152 (Y39623), which were explored with grid soil sampling in 1970 and transferred to Coseka Resources Ltd and Hyland River Mines Ltd. Partially restaked as BCD cl 1-28 (Y76671) in Aug/73 by B. Fitch.

Restaked as I cl 1- 38 (YB37640) in Sep/92 by Pacific Sentinel Gold Corporation. Pacific Sentinel's main purpose in staking the claims was to protect numerous company owned placer claims and to provide an area for infrastructure planned for the neighboring Casino deposit (Minfile Occurrence #115J 028) located approximately 5 km to the northeast. Between 1993 and 94 the company carried out various geotechnical and environmental studies over the occurrence area.

In Nov/97 Pacific Sentinel merged with Consolidated North Coast Industries to form Great Basin Gold Ltd. In May/2000 Great Basin optioned 55 claims (Casino &B claims), including the surviving I claims to Wildrose Resources Ltd. As part of the agreement Wildrose agreed to assume responsibility for filing assessment work on 83 additional claims (Casino &A claims). Although Wildrose carried out various exploration programs on the Casino &B claims no work was carried out in the vicinity of this occurrence. Assessment requirements for this occurrence was fulfilled through the grouping of claims covering this occurrence with those claims covering Wildrose's neighboring Ana, Koffee and Aztec claims.

In Dec/2002 Wildrose optioned a 60% participating interest in its Canadian Creek property to Canley Developments Inc.

Capsule Geology

The occurrence is located approximately 5 km southwest of the Casino deposit (Minfile Occurrence #115J 028), one of the largest, highest grade porphyry deposits in Canada. The region is located within the Dawson Range, a west-central portion of the Yukon-Tanana terrane. The Yukon-Tanana terrane is comprised dominantly of metamorphic rocks inferred to be Devonian to Mississippian in age that has been intruded by numerous Mesozoic granitic bodies and plutons hosting copper, molybdenum and gold mineralization.

The occurrence area is underlain by hornblende-biotite diorite belonging to the mid-Cretaceous Dawson Range batholith, although geological reports by Coin Canyon Mines noted some metamorphosed sediments in the area. Soil and silt sampling by the company outlined a copper-molybdenum anomaly centered over the occurrence area.

Pacific Sentinel 's geotechnical and environmental studies identified the occurrence area as a possible borrow area for colluvial and residual sands. The material would used as construction material etc., if the neighboring Casino deposit obtains production status.

References

COIN CANYON MINES LTD, Nov/70. Assessment Report #060230 by G. Gutrath.

COIN CANYON MINES LTD, 1970. Assessment Report *#060229 by E.D. Dodson.

GEORGE CROSS NEWSLETTER, 22 Feb/93.

GORDEY, S.P., AND MAKEPEACE, A.J., 1999. Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada, Open File D3826, and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1 (D)

GORDEY, S.P. AND MAKEPEACE, A.J. 2003: Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open file 1749 and Yukon Geological Survey, Open file 2003-9 (D).

JOHNSTON, S.T., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, central Yukon (115J/9 & 10; 115J/12). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1995-2(G), 1:100 000 scale.

JOHNSTON, S.T., AND SHIVES, R.B.K., 1995. Interpretation of an airborne multiparameter geophysical survey of the northern Dawson Range, central Yukon: A progress report. In Yukon Exploration and Geology, 1994. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 105-111.

MINERAL INDUSTRY REPORT 1969-70, p. 58-59.

PACIFIC SENTINEL GOLD CORPORATION, Feb/94. Assessment Report #093190 by W.D. Eaton et al.

SELBY, D. and NESBITT, B.E., 1998. Biotite chemistry of the Casino Porphyry Cu-Mo-Au Occurrence, Dawson Range, Yukon. In: Yukon Exploration and Geology 1997. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 83-88.

SELBY, D. ET AL., 1999. Major and trace element compositions and Sr-Nd-Pb systematics of crystalline rocks from the Dawson Range, Yukon Canada. In: Canadian Journal of Earth Sciences, Volume 36, p. 1463-1481.

Work History

Date	Work Type	Comment
12/31/1994	Studies	
12/31/1994	Studies	
12/31/1993	Studies	
12/31/1993	Studies	
12/31/1970	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096177	2012	Airborne Magnetic-Radiometric Survey Report on Grout, Quo Claim Groups at Doyle Creek area	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
095057	2008	Summary Report of the 2008 Aster Image Program on the Canadian Creek Property	Infrared - Remote Sensing		
093190	1993	1993 Summary Report-Casino Property	All Weather Road - Development, Surface, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies, Biophysical Mapping - Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Rock Mechanics - Studies, Mechanical - Trenching	127	50316
019767	1970	Geophysical Report on Airborne Magnetic and Airborne Radiometric Surveys	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
061125	1970	Summary Report-Casino Project-Yukon Territory-Brameda Resources Ltd.	Winter Road - Development, Surface, Diamond - Drilling, Rotary - Drilling, Drill Core - Geochemistry, Drill Cuttings - Geochemistry, Soil - Geochemistry, Petrographic - Lab Work/Physical Studies, Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Pre-feasibility - Studies, Resource Estimate - Studies	44	13030.20
060229	1970	Report on the Hole Group Claims in the Dawson Range, Yukon Territory for Coin Canyon Mines Ltd.	Cursory Property Visit - Other, Property Evaluation - Other		
060230	1970	Coin Canyon Mines Ltd.-Geochemical Report on the Hole Claim Group	Silt - Geochemistry, Soil - Geochemistry		
019100	1968	Geology and Geochemical Survey-Casino-Canadian Creek Property	Silt - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Bedrock Mapping - Geology, Property Evaluation - Other, Prospecting - Other		
060784	1967	Casino Silver Mines Ltd.-Engineering Report on the Year 1967	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, Data Compilation - Pre-existing Data, Mechanical - Trenching	12	1047.90
017450	1966	Report on Geochemical Survey-Dip Creek Watershed	Silt - Geochemistry, Soil - Geochemistry		
019139	1966	Geophysical Survey Data on Property of Casino Silver Mines Ltd. ""B"" Anomaly Area	EM - Ground Geophysics		
019601	1966	[Geophysical Data, Reports, and Certificate of Expenditures-Casino Creek Area]	Detailed Bedrock Mapping - Geology, Data Compilation - Pre-existing Data		
019098	1965	Geophysical Report-Cat Claims-Casino Creek Area	Magnetic - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016557	Geology map - 115J/10 - Colorado Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016558	Geochemical values total extraction map - 115J/10 - Colorado Creek		Property File Collection	Geochemical Map