



Occurrence Details

Occurrence Number: 105D 076

Occurrence Name: Jackson

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 5/31/2025 2:53:46 AM

General Information

Secondary Commodities: bismuth, copper, gold, lead, molybdenum, silver

Aliases: Grouse

Deposit Type(s): Skarn Cu

Location(s): 60°41'24" N - -135°21'52" W

NTS Mapsheet(s): 105D11

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as Grouse cl 1-4, and cl 7-14 (Y63484) in Jul/70 by S. Takacs and E. Kreft, who added small blocks of fringe claims annually, including Gear cl 1-6 (Y91133) in Sep/74. Explored with hand trenching and bulldozer trenching in 1970-72; with geological mapping, magnetic surveying and 6 drill holes (445 m) by New Jersey Zinc Corporation Ltd (Grouse #4 and Ray #2 claims) under a brief option in 1972; and with more mapping, geochemical surveys and bulldozer trenching in 1974, a magnetic survey and 6 drill holes (427 m) on the Gear claims in 1975 and 4 drill holes (472.4 m) in 1976 by Whitehorse Copper Mines Ltd under option. Takacs drilled one hole (34.7 m) in 1979, 6 holes (36.0 m) in 1981, trenched in 1982, drilled 3 holes (92.4 m) in 1983, trenched and drilled 3 holes (35 m) in 1984 and added the Raven cl 1-2 (YA93376) to the south in Sep/85. Kreft tied on the Ruth cl 1-4 (YA94118) and Beaver cl 1 (YA93146) in Aug/85 and Jan/86, respectively, and together with Takacs performed geological mapping, bulldozer trenching and drilled 4 holes (455 m) on the Ruth claims. A. Olsson staked Dianne cl 1-3 (YB27625) in Jul/90 and trenched in 1991.

S.J. Takacs restaked the occurrence as Marie cl 1-4 (YB37478) in Sep/92. The Falcon cl 1-10 (YB46474) were staked nearby by R. Voisine in Oct/93. In Jul/95 D. Olsson staked Dianne cl 1-3 (YB57989) 1.5 km northwest of the Marie claims.

S. McKeown staked Nana cl 1-4 (YB57721) 1 km to the southeast in Jun/95 and Protector cl 1-4 (YB58180) 1.5 km to the east (midway between this occurrence and Minfile Occurrence #105D 079) in Sept/95. In May/96 Pacific Galleon Mining Corp optioned the Nana and Protector claims from McKeown and staked Ba cl 1-10 (YB66861) and Peel cl 1-37 (YB66824). In Jul/96 McKeown carried out trenching, rock geochemical sampling and grid development on the Nana and Protector claims.

In the summer of 1996 Pacific Galleon Mining Corp completed a data compilation, reconnaissance prospecting and soil geochemistry program over their claim holdings. In May/98 ownership of the Ba and Peel claims was transferred to B. Carter who carried out prospecting and geochemical (rock and soil) sampling with B. Scott, before subsequently transferring title to Scott in Sep/98.

In Sep/99, Scott transferred ownership of the Ba, Peel and Marie (previously transferred to him by Takacs in Oct/97) claims to McKeown who immediately carried out trenching (Protector cl 3), reclamation (Red Chief cl 2) and soil geochemical sampling (Nana cl 1, 2 and Ba cl 7, 8).

During 2000, McKeown carried out road rehabilitation and resampling of historic trenching on Ba cl 14; relocated and resampled trenches and core stored at old drill sites on Ba cl 7 and 8; and carried out road work and hand held percussion drilling (no specifics) on Marie cl 4.

Capsule Geology

An actinolite-diopside-magnetite skarn up to 30 m thick occurs at the contact between Upper Triassic Lewes River Group limestone and siltstone, and various phases of a mid Cretaceous or younger intrusion. Trenching exposed a 9.8 m wide zone that strikes north, dips vertically and contains minor pyrrhotite, pyrite, chalcopyrite and bornite which assayed 0.39% in a chip sample. The best intersection in the 1972 drilling was 0.26% Cu, 6.9 g/t Ag and 0.17 g/t Au across 0.76 m. An intersection of 5.6% Cu & 270.8 g/t Ag across 6 m was obtained in one 1975 hole but the others were essentially barren. One of the 1976 holes cut bismuthinite in actinolite skarn, which assayed 5.8% Bi and 85.7 g/t Au across 0.4 m and 0.75% Bi, 9.9 g/t Au and 6.9 g/t Ag across 4.6 m. Assays of up to 0.55 g/t Au and 34.6 g/t Ag over 0.3 m of magnetite skarn were reported from the 1983 drilling. The 1986 drilling did not intersect any significant gold values but one hole did contain minor copper, zinc and tungsten mineralization. (The majority of previous drilling was centred around the present day Nana claims.)

S. McKeown staked the Nana and Protector claims in part to cover dimension stone deposits. Pacific Galleon Mining Corp concentrated their efforts in the centre and western portions of their claim holdings. Soil sampling outlined anomalous Au, Cu and As values in the area of previous drilling success. A single-sample low order gold in soil anomaly (53 ppb) was identified in the central part of the claim block. The sample also contained elevated concentrations of Cu and As. McKeown's work failed to detect any additional mineralization during sampling in 1996. Grab sampling by Scott in 1998 in the vicinity of old workings, confirmed previous results and returned gold values up to 1 343 ppb Au from the Ba cl 8. Sampling completed by McKeown in 1999 was not submitted for analysis.

Selective and limited sampling of historic core in 2000 returned anomalous copper values from two skarnified sections of core located on Ba cl 7 (5 175 ppm and 64 078 ppm) although no description of the core sampled was provided. A separate sample of weakly calcareous skarn or hornfels, collected on Ba cl 8 from core taken from DDH KT-8, returned 40 140.9 ppb Au with 38 591 ppm Bi and anomalous levels of Mo, Cu and Pb. Samples of variably mineralized skarn and quartz-sulfide veins from the trench on Ba cl 14 returned high values for copper and gold, with peak values of 62 957 ppm and 18 138.4 ppb respectively. A single sample of sulfide rich material from Marie cl 4 returned 79 034 ppm Cu with 1 935.2 ppb Au and 286 ppm Ag.

References

KREFT, E. and TAKACS, S., Sep/79. Assessment Report *#091128 by E. Kreft.

KREFT, E., Apr/84. Assessment Report *#091537 by E. Kreft.

KREFT, E., Jan/87. Assessment Report *#091899 by A. Hureau.

KREFT, E., 1986. Yukon Exploration Incentive Program Report #093090 by A. Hureau

MCKEOWN, S., Oct/97. Assessment Report #093896 by J. Clarke.

MCKEOWN, S., Oct/97. Assessment Report #093898 by J. Clarke.

MCKEOWN, S., May/2000. Assessment Report #094127 by R.A. Doherty.

McKEOWN, S., May/2001. Assessment Report #094262 by R.A. Doherty.

MINERAL INDUSTRY REPORT, 1971-72, p. 52; 1974, p. 143-144; 1975, p. 101-104; 1976, p. 152

PACIFIC GALLEON MINING CORP., Nov/96. Assessment Report #093515 by H.J. Keyser.

PACIFIC GALLEON MINING CORP., Dec/96. Assessment Report #093546 by H.J. Keyer.

SCOTT, B., Nov/98. Assessment Report #093936 by J. Clarke.

TAKACS, S. and KREFT, E., Jan/73. Assessment Report #091127 by G. Boggaram.

WHITEHORSE COPPER MINES LTD, 1974. Assessment Report *#061284 by D. Tenney.

WHITEHORSE COPPER MINES LTD, Aug/83. Assessment Report *#091479 by P.W. Percival.

YUKON EXPLORATION AND GEOLOGY 1983, p. 161; 1984, p. 73.

YUKON EXPLORATION 1985-86, p. 169-170.

Work History

Date	Work Type	Comment
12/31/2000	Geochemistry	
12/31/2000	Trenching	
12/31/1999	Geochemistry	
12/31/1999	Trenching	
12/31/1998	Geochemistry	
12/31/1998	Other	
12/31/1996	Geochemistry	
12/31/1996	Geology	
12/31/1996	Geochemistry	
12/31/1986	Drilling	Four holes, 445 m.
12/31/1986	Geology	
12/31/1986	Trenching	
12/31/1984	Drilling	Three holes, 35 m.
12/31/1984	Trenching	
12/31/1983	Drilling	Three holes, 92.35 m.
12/31/1982	Trenching	
12/31/1981	Drilling	Eight holes, 36 m.
12/31/1979	Drilling	One hole, 34.7 m.
12/31/1976	Drilling	Four holes, 472.4 m.
12/31/1975	Drilling	Four holes, 427 m.
12/31/1975	Ground Geophysics	
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1974	Trenching	
12/31/1972	Drilling	Six holes, 444.7 m.
12/31/1972	Geology	
12/31/1972	Ground Geophysics	
12/31/1971	Trenching	
12/31/1971	Trenching	
12/31/1970	Trenching	
12/31/1970	Trenching	
12/13/2000	Geochemistry	Re-sampled old core.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096778	2015	2015 Preliminary Compilation of Historical (Pre-2013) Geological Data on the Nana and Peel Claims	Rock - Geochemistry, Prospecting - Other, Surveying - Other, Data Compilation - Pre-existing Data, Digitizing Data - Pre-existing Data		
096678	2014	2014 Airborne Geophysical Survey of the Nana Claims	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
095094	2008	Diamond Drilling on the Nana Property	Diamond - Drilling	3	384.05
094812	2006	Assessment Report for the Exploration Work on the Nana Property	Rock - Geochemistry, Soil - Geochemistry, Line Cutting - Other, Prospecting - Other		
094262	2000	Trenching Sampling,Road and Reclamation Work completed on the Red Chief 2,Peel 20,Ba 7,8,14,Marie 4	All Weather Road - Development, Surface, Reclamation - Development, Surface, Percussion - Drilling, Drill Core - Geochemistry, Historical Drill Core - Geochemistry, Rock - Geochemistry, Mechanical - Trenching		
094127	1999	Trenching and Reclamation Work completed on the Red Chief 2, Protector 3, Nana 1-2, BA 7-8	Reclamation - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Line Cutting - Other, Mechanical - Trenching		
093936	1998	Report on the 1998 Assessment Work on the Banana Property	Rock - Geochemistry, Soil - Geochemistry, Line Cutting - Other, Data Compilation - Pre-existing Data		
093896	1997	Assessment Report for the Exploration Work on the Nana 1-4 Quartz Mining Claims	Soil - Geochemistry, Line Cutting - Other, Handblast - Trenching, Mechanical - Trenching		
093515	1996	Report on the 1996 Geochemical Assessment Work on the Banana Property	Rock - Geochemistry, Soil - Geochemistry		
093546	1996	Report on the 1996 Geochemical Assessment Work on the Banana Property	Rock - Geochemistry, Soil - Geochemistry		
061284	1974	Geochemical Report Panther 1 Claim, Kreft-Takacs Property	Soil - Geochemistry		
091127	1972	[Diamond Drill Logs on the Grouse Roy and Lunar Claims]	Diamond - Drilling, Drill Core - Geochemistry	6	404.32

Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
KT-7	Grouse	1976	BQ	0	0