



Occurrence Details

Occurrence Number: 115P 034

Occurrence Name: Barney Ridge

Occurrence Type: Hard-rock

Status: Showing

Date printed: 6/15/2025 10:27:51 AM

General Information

Secondary Commodities: tin, tungsten

Deposit Type(s): Plutonic Related Au

Location(s): 63°48'47" N - -137°16'11" W

NTS Mapsheet(s): 115P14

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Exploration History

Originally staked as Patty and Cake cl (YA32227) in Apr/79 by Welcome North Mines Ltd.

Restaked as Sluggo cl 1-20 (YA53782) in Sep/80 by Canada Tungsten Mining Corporation Ltd as part of a larger block of 762 CC cl (YA53506). Canada Tungsten carried out property wide geological mapping and geochemical sampling of this area in 1981 and carried out geochemical sampling and geological mapping of the area immediately to the south and east in 1982.

The adjacent CC claims were restaked as CC 1-96 cl (YB45087) in Jul/93 by Ivanhoe Goldfields Ltd. In Feb/94, First Dynasty Mines Ltd acquired Ivanhoe Goldfields and the Clear Creek property.

In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the CC claims) and carried out a large exploration program including a reverse circulation drilling program on the Rhosgobel stock (Minfile Occurrence #115P 012) and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 the Kennecott dropped its option.

J. Klassen staked Turkey cl 1-24 (YB94782) 5 km to the southwest in Oct/96.

New Millennium Mining Ltd, a wholly owned subsidiary of First Dynasty, became operator in 1996. The option was subsequently acquired by Newmont Exploration Ltd in 1998 and by Redstar Resources Corporation between 1999 and early 2002.

In 2004, Stratagold prepared an orthophoto and satellite imagery for the project area. And 2006, they conducted soil and silt geochemical surveys and trenching. The claims were later allowed to lapse. The Claw claims were staked by prospector B. Kreft in 2010 to cover the occurrence and he conducted soil, rock and silt sampling and hand tenching later that year.

In 2011, the property was transferred to Clear Creek Resources and they conducted trenching, rock and soil sampling. Clear Creek dropped the option in 2013.

In 2017, Kreft completed soil sampling, prospecting and rock sampling.

Capsule Geology

The original claims straddle Clear Creek upstream from Barney Gulch, where a concentration of scheelite and cassiterite was encountered by a placer dredge in 1944. Iron-stained quartz-muscovite greisen veins and breccias containing minor cassiterite cut schist and phyllite of the Late Proterozoic to Early Cambrian Hyland Group.

Based on sampling in 1982, Canada Tungsten concluded that a bedrock source for the heavy mineral concentrations in the creek most likely occurred upstream and to the east from this area.

Exploration work carried out since this time has been focused on other Minfile occurrences (#115P 011, 012, 013, 023 and 055) located further to the east within the Clear Creek claim group.

Work History

Date	Work Type	Comment
7/1/2020	Geochemistry	
7/1/2020	Geochemistry	
7/1/2020	Trenching	
7/1/2020	Other	
7/1/2020	Remote Sensing	
7/1/2010	Geochemistry	
7/1/2010	Geochemistry	
7/1/2010	Other	
7/1/2004	Airphotography	
7/1/2004	Remote Sensing	
7/1/2000	Geochemistry	
7/1/2000	Drilling	9 holes, 1,211.00 m
7/1/2000	Geochemistry	
7/1/2000	Geochemistry	
7/1/1998	Geochemistry	
7/1/1998	Geology	
7/1/1998	Other	

7/1/1998	Geochemistry	
7/1/1998	Airborne Geophysics	
7/1/1998	Airborne Geophysics	
7/1/1995	Geochemistry	
7/1/1995	Geochemistry	
7/1/1995	Drilling	
7/1/1995	Trenching	
7/1/1995	Geology	
7/1/1994	Geochemistry	
12/31/1997	Trenching	Three trenches excavated near small Cretaceous stock.
12/31/1995	Geology	
12/31/1995	Development, Surface	
12/31/1994	Other	
12/31/1981	Geology	
12/31/1981	Other	
12/31/1979	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095031	2004	2004 Clear Creek Property-Orthophoto Acquisition and Satellite Imagery Report	Orthophoto - Airphotography, Landsat - Remote Sensing		
093937	1998	Geophysical, Geological and Geochemical Assessment Report on the Clear Creek Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Line Cutting - Other		
090926	1981	Geological and Geochemical Assessment Report on the C.C. 1-860 (Fractions included), SLUGGO 1-20, Rain 1-30 and BEE 1-14 Claim Groups	Muck - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016643	Geology map with legend -115P/14 - Clear Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016642	Geochemistry map - 115P/14 - Clear Creek		Property File Collection	Geochemical Map
10-132	Prospecting and Geochemical Sampling Report On The Clear Creek Project		Yukon Government: Energy, Mines and Resources	YMEP Report