



Occurrence Details

Occurrence Number: 115P 023

Occurrence Name: Clear Creek Project

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 7:47:32 AM

General Information

Secondary Commodities: gold

Aliases: Bear Paw, Lewis, Sleet

Deposit Type(s): Plutonic Related Au

Location(s): 63°50'32" N - -137°7'1" W

NTS Mapsheet(s): 115P14

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The first record of staking in the area is in Oct/02 when E.D. Priest staked Mineral Hill, Red Fox, etc (2412) 22.4 km above the mouth of Left Clear Creek straddling a main fork (possibly Lewis Gulch). Another claim group (Uranus, etc (2415)) was located between the Left Fork and 65 Pup. Old hand pits are common in this area.

Restaked as Gulch cl (Y82480) in May/74 by Asarco Exploration Company of Canada Ltd which carried out geological mapping and geochemical soil sampling. Restaked on the southeast side as Mike cl (YA10868) in Oct/77 by T. Hutton and on the southwest side as Wind cl (YA31854) in Oct/78 by N. Harper, who trenched in 1979 and 1987.

Restaked as part of a large block of 762 CC cl (YA53506) between Sep/80 and Aug/81 by Canada Tungsten Mining Corporation Ltd which carried out property wide geological mapping and geochemical sampling of an area 2 km to the east (Minfile Occurrence #105K 012) in 1981.

Restaked as part of a block of 125 Sleet cl (YB4262) between September and Oct/87 by N. Harper and Blackstone Placer Mining Ltd, which optioned them to Secret Pass Minerals Ltd later that year. Secret Pass carried out sampling, surveying and drilling on the adjoining claims in 1988 and 1989. N. Harper performed stripping and trenching on the Sleet claims in 1992.

In late 1992 Ivanhoe Goldfields Ltd optioned all of the Clear Creek claims including the Sleet and adjoining Wind and Rain claims. Ivanhoe added the CC 1-96 cl (YB45087) to the west in Jun/93, carried out contour soil geochemical sampling across the claims block in Aug/93 and added CC 97-131 cl (YB47963) in Nov/93. In 1994, Ivanhoe was acquired by First Dynasty Mines Ltd. D. Trudeau and D. Jackson staked the Hail cl 1-26 (YB52339) 2.5 km south-southwest of the occurrence in Jul/94.

In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the Sleet claims) and carried out a large exploration program including reverse circulation drilling 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.

New Millennium, a wholly owned subsidiary of First Dynasty, took over as operator of the Clear Creek project in May/97 and carried out machine trenching on the CC claims (Minfile Occurrence #115P 013) later in the year.

In 1998 Newmont Exploration Ltd acquired an option from New Millennium on the CC, Dum, Rain, Rum, Rye, Sleet, Wet and Wind claims, forming a contiguous block with the BZ cl 1-79 (YB94420), 7.5 km to the northwest, and Jo cl 1-70 (YB94499), 7.5 km to the northeast, which Newmont had staked in Aug/96. The company carried out geochemical rock and soil sampling and geological mapping across the northern third and the south-central part of the claim block in Jul/98. This was followed by airborne magnetic and radiometric geophysical surveying of the entire claims block and surrounding areas in Aug/98.

In 1999 Redstar Resources Corporation entered an option agreement with Newmont to acquire an interest in their Clear Creek claim holdings. During June and Jul/99 Redstar carried out geochemical rock and soil sampling south of this occurrence and of the eastern portions of the Clear Creek claim group. In Nov/99 the company drilled 2 holes (219.2 m) on Sleet cl 18 (YB04273) 2 km to the south and added Snow cl 1-36 (YC17791) in Dec/99 to the west and south of this area. Redstar carried out followup geochemical sampling in this area (Bear Paw zone) and drilled 9 more holes (1 211 m) on the zone between August and Sep/2000. Redstar terminated its option agreement on the Clear Creek property in 2002.

First Dynasty changed its name to Sterlite Gold Ltd in Jul/2002.

In Oct/2004, StrataGold Corporation entered into a binding agreement to acquire all of Sterlite's interest in the Clear Creek property. The agreement is subject to a satisfactory due diligence review by StrataGold and receipt of all required regulatory approvals.

Capsule Geology

Narrow, gold-bearing quartz-arsenopyrite veins and extensive gold geochemical anomalies are likely associated with parts of a buried mid-Cretaceous granodiorite stock of the Tombstone Plutonic Suite and its contact with metasedimentary rocks of the Yusezyu Formation of the Late Proterozoic to Early Cambrian Hyland Group.

In June 1987, placer operations encountered nearly massive pyrite-sericite mineralization on both sides of a steeply dipping east-trending gouge-filled fault in the creek bed just west of this occurrence location. Massive pyrite bands up to 1 m thick contain 50 to 80% pyrite in a quartz gangue and dip 20° north, parallel to bedding in the host sericite-biotite phyllite.

Samples contained up to 9.22 g/t Au across 1.0 m. The area of interest coincides with a 500 x 200 m IP anomaly, but VLF response is flat.

All of the 1989 drillholes encountered thick sections of graphitic argillite with pyrite along the schistosity. Drillholes RWS-89-1 and 89-4 intersected the fault zone. Hole 89-1 returned 18.71 g/t Au over 0.49 m of pyrite-sericite-quartz-clay gouge in the fault. No evidence of stratabound mineralization was seen in the drillholes.

Kennecott mapped along Left Clear Creek where it had incomplete information but did no other work in this part of the Clear Creek claim group.

Newmont's confirmed anomalous gold values reported by previous operators and outlined existing areas of anomalous gold and arsenic geochemistry. Magnetic data from the airborne survey defined dominant structural trends in the area and partially outlined some of the intrusive stocks. Other nearby areas of radiometric highs are observed and possibly represent the expression of unmapped intrusive bodies and/or possible occurrences of potassic alteration.

Rock and soil sampling carried out by Redstar identified anomalous gold, arsenic and bismuth geochemistry coincident with an area of radiometric highs that straddles the ridge crest between upper Left Clear and Clear Creek. The zone, subsequently named the Bear Paw (breccia) zone was the focus of exploration efforts in 2000. Gold mineralization occurs in hydrothermal breccias with stockwork quartz + potassium-feldspar + sulfide veins that overprint earlier intrusives and tectonic breccias. Drilling in 1999 returned a significant intersection of 2 g/t Au over 26.7 m including 3.35 g/t Au over 10.5 m, while definition drilling of the zone in 2000 intersected varying amounts of breccia with a best result of 2.3 g/t Au over 31.8 m in hole BP00-10.

References

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STERLITE GOLD LIMITED, New Release, 05 Jul/2002.

STRATAGOLD CORPORATION, News Release, 18 Oct/2004.

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Work History

Date	Work Type	Comment
12/31/2000	Drilling	Nine holes, 1,211 m.
12/31/2000	Geochemistry	
12/31/1999	Geochemistry	Also soil sampling.
12/31/1999	Drilling	Two holes, 219.2 m.
12/31/1998	Geochemistry	Also soil sampling.
12/31/1998	Geology	
12/31/1998	Airborne Geophysics	Also radiometric survey.
12/31/1995	Geology	
12/31/1995	Geochemistry	
12/31/1995	Development, Surface	
12/31/1993	Geochemistry	
12/31/1992	Trenching	
12/31/1981	Geology	
12/31/1981	Geochemistry	Also silt sampling.
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1902	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097169	2017	Assessment Report on the Clear Creek Claims 2017 Remote Sensing Programs	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, LIDAR - Remote Sensing		
096886	2015	Assessment Report on the Clear Creek Claims Geological and Geochemical Exploration Program-2015	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data		
095984	2011	Assessment Report, 2011 Exploration Program, Clear Creek Property	Diamond - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Drill Core - Geochemistry, Soil - Geochemistry, Soil - Geochemistry	36	7258.80
095031	2004	2004 Clear Creek Property-Orthophoto Acquisition and Satellite Imagery Report	Orthophoto - Airphotography, Landsat - Remote Sensing		
094058	1999	1999 Geochemical and Diamond Drilling Assessment Report on the Clear Creek Property	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Line Cutting - Other	2	219.15
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		
093161	1993	1993 Clear Creek Geochemical Assessment Report	Soil - Geochemistry		
092752	1989	Initial Diamond Drilling Report on the Rain, Wind, Sleet Claims Left Clear Creek, Yukon	Diamond - Drilling	4	275.84
062292	1987	Geological Report on the Wind, Rain and Sleet Claims (Left Clear Creek Property)	Rock - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, 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