



Occurrence Details

Occurrence Number: 106D 028
Occurrence Name: Ellis
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/15/2025 1:07:32 PM

General Information

Secondary Commodities: gold
Aliases: North Potatoe Hill
Deposit Type(s): Vein Au-Quartz
Location(s): 64°2'59" N - 135°43'29" W
NTS Mapsheet(s): 106D04
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Pat cl 1-24 (81113) in May/62 by Cross Bow Mines Ltd and sold to Mayo Silver Mines Ltd, which explored with bulldozer trenching, mapping and geochemical sampling in 1963 and 1964.

In the spring of 1978 Canada Tungsten Mining Corporation Ltd optioned Queenstake Resources Ltd's claim holdings in the Dublin Gulch area. As part of this agreement, in Apr/78 Canada Tungsten restaked the occurrence within a large block of Jeff claims (1-112, YA17826). Information is sketchy but it appears the company trenched and sampled around the occurrence during the 1979 field season. This work was carried out as part of a larger regional exploration program. Canada Tungsten dropped its option in 1986 and returned all the claims including the Jeff claims to Queenstake Resources.

In 1988 Can Pro Development Ltd optioned the Dublin Gulch property (including this occurrence) from Queenstake. Can Pro carried out an excavator trenching program in the fall of 1989 however no work was carried out in the vicinity of this occurrence. Can Pro dropped its option at the end of 1989.

H-6000 Holdings optioned the Dublin Gulch property in early 1991 and subsequently optioned it in Sep/91 to Amax Gold Inc which carried out exploration programs in 1991 and 1992, none of which were carried out on this occurrence. In late 1992, the property was returned to Ivanhoe Goldfields Ltd (a successor company of H-6000 Holdings) which carried out an exploration program in the fall of 1993. None of the work was carried out on this occurrence.

In Aug/94 First Dynasty Mines Ltd acquired Ivanhoe Goldfields Ltd and in Oct/94 Queenstake Resources Ltd transferred its interest in the property (i.e. Mar, R and D, DG, Jeff, Bob, and Smoky claims) to First Dynasty. In 1995, First Dynasty and in 1996 its wholly owned subsidiary, New Millennium Mining Ltd carried out a major drilling program to outline a core resource/reserve on the Eagle Zone (Minfile Occurrence #106D 025) located approximately 5 km to the southwest. The companies also carried out diamond drilling southwest of Potato Hills (Minfile Occurrence #106D 026 located 2.0 km to the southwest) to test for mineralization under the proposed heap leach pad area. During the 1990's no assessment work appears to have been carried out on this occurrence and assessment work requirements appear to have been met by work carried elsewhere on the Dublin Gulch property. The Jeff claims surrounding this occurrence lapsed on November 1st 2000.

First Dynasty changed its name to Sterlite Gold Ltd in Jul/2002. In Jan/2004 StrataGold Corporation surrounded the Dublin Gulch property including this occurrence, with Dub cl 1-1619 (YC11075). In Oct/2004 StrataGold Corporation entered into an agreement to acquire all of Sterlite's interest in Dublin Gulch. In addition StrataGold purchased Queenstake Resources surviving rights and interest in various claims. Queenstake retained a 1% royalty on ore processed from various claims and lease located on the Dublin Gulch property. Between buying existing claims and staking the Dub claims, StrataGold controls the entire Dublin Gulch area and its various deposits and mineralized zones. Throughout this period no work appears to have been carried out on this occurrence.

Capsule Geology

The area has not yet been remapped by the Yukon Geological Survey however C. Roots (1997) of the Geological Survey of Canada under contract with the Exploration and Geological Services Division (now part of the Yukon Geological Survey) remapped topographic map sheet 105M located directly to the south in the mid-1990's. In 2003 Gordey and Makepeace released a geological compilation of the Yukon which covered this area. In addition various company geologists have mapped the Dublin Gulch area in detail.

Geological work carried out by Roots, Gordey and Makepeace and various company geologists shows that the Dublin Gulch area is underlain by deformed Upper Proterozoic to Lower Cambrian clastic rocks of the Hyland Group that have been intruded by the Dublin Gulch Stock, a Late Cretaceous medium-grained granodiorite stock assigned to the Tombstone suite. The stock is cut by minor late dykes. Rare narrow intrusive breccia dykes have also been reported. Alteration, gold and tungsten mineralization is directly associated with these intrusions. A well-developed metamorphic halo occurs around the stock. Sedimentary rocks have been hornfelsed and the development of biotite +/- andalusite is common.

The occurrence is located approximately 500 m northeast of East Potato Hills. Canada Tungsten's report on the 1979 field season (Assessment Report #090614) contains a detailed geological compilation map which displays the approximate location of a series of old trenches most likely dug by Mayo Silver Mines in 1963. Based on Canada Tungsten's mapping, the occurrence area is underlain by phyllite, quartzite, schist and marble of the Hyland Group which have been intruded by a series of narrow granitic dykes.

A pamphlet released by Mayo Silver Mines in Apr/64 describes the North Potatoe Hill Gold Showing (or Ellis occurrence) as a 0.5 m wide quartz vein containing scattered arsenopyrite that follows a granitic dyke along a shear zone. The vein dips almost vertically and cuts a series of thinly bedded quartzite at a steep angle. Nine vein samples assayed from 0.34 to 48.7 g/t gold. The mineralization occurs in an erratic manner and no definite pattern of mineralization was observed.

Based on Canada Tungsten's map it appears Mayo Silver Mines carried out a significant trenching program around the area in an attempt to find additional mineralization but were unsuccessful. Each succeeding company appears to have given the area a cursory inspection however no further mineralization has been identified near this occurrence.

References

CANADA TUNGSTEN MINING CORPORATION LIMITED, May/80. Assessment Report #090614 by W.B. Lennan and W.A. Gewargis.

FIRST DYNASTY MINES LTD, Mar/96. Assessment Report #093409 by M. Sieb.

FIRST DYNASTY MINES LTD, Press Release. 12 Mar/96; 5 May/96.

GEOLOGICAL SURVEY OF CANADA Paper 63-38, p. 15.

GEORGE CROSS NEWSLETTER, 30 Dec/92.

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).

IVANHOE GOLDFIELDS LTD, Sep/93. Assessment Report #093140 by C.N. Orssich.

MAYO SILVER MINES LTD, Apr/64. Assessment Report #092069 by J. F. Hall.

ROOTS, C.F., 1997. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

STRATAGOLD CORPORATION, News Release, 18 Oct/2004;

WHITEHORSE STAR, 14 Jun/95; 21 Sep/95.

YUKON EXPLORATION & GEOLOGY 1992, p. 2, 4, 5; 1995, p.8, 33; 1996, p. 13-14, 30, 32; 1997, p. 12, 35.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 238 to 240.

Work History

Date	Work Type	Comment
12/31/1964	Geology	
12/31/1964	Trenching	
12/31/1964	Other	
12/31/1963	Geology	
12/31/1963	Trenching	
12/31/1963	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097130	2017	Assessment Report on the VBW Claims: Geological, Geochemical and Remote Sensing Exploration Program - 2017	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, LIDAR - Remote Sensing		
096209	2010	2010 Dublin Gulch Exploration Geology Program	All Weather Road - Development, Surface, Auger - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Tailings - Geochemistry, Water - Geochemistry, Bulk Sample - Lab Work/Physical Studies, Prospecting - Other, Environmental Assessment/Impact - Studies, Geotechnical - Studies	84	11072.39
095592	2006	2006 Dublin Gulch Exploration Program	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Hand - Trenching	10	4281.51
094788	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
091387	1982	Dublin Gulch 1982 Assessment Dill Logs & Trench Geology	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Mechanical - Trenching	3	738.24
090915	1981	1981 Exploration Program, Dublin Gulch	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
090564	1979	Geological, Geochemical, and Geophysical Report	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Seismic - Ground Geophysics, Research/Summarize - Pre-existing Data		
090482	1978	1978 Project Report on the Secret Creek Property	Orthophoto - Airphotography, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other, Surveying - Other, Mechanical - Trenching		
090471	1978	1978 Project Report on the Dublin Gulch Property	Orthophoto - Airphotography, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other		
090364	1978	Preliminary Geological Report on the Mar Claim	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
060841	1970	Summary Report on Potato Hills Tungsten	Research/Summarize - Pre-existing Data		
060185	1969	Tungsten Prospect Dublin Gulch and Haggart Creek Property Evaluation	Rock - Geochemistry, Detailed Surficial Mapping - Geology, Prospecting - Other, Research/Summarize - Pre-existing Data, Preliminary Economic Assessment - Studies		
062258	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
060760	1964	Prospectus on the Mayo Silver Mines Ltd.	Property Evaluation - Other, Preliminary Economic Assessment -		

926W02	1964	Prospectus on the Mayo Silver Mines Ltd.	Studies		
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Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC014781	Final report 1964 - Mayo Silver Mines Ltd. (N.P.L.) - Mayo, Yukon		Property File Collection	Report