



Occurrence Details

Occurrence Number: 106D 023

Occurrence Name: Meilecke

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/15/2025 10:15:20 PM

General Information

Secondary Commodities: lead, silver

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 64°3'4" N - 135°50'54" W

NTS Mapsheet(s): 106D04

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Hag cl (62794) in Jun/55 by A. Kulan, G. Dickson and W.B. Green, who optioned them to Stride Exploration and Development Company Ltd in Jun/58. Stride Exploration carried out geochemical sampling and geophysical surveying later that year. The claims were later optioned to Peso Silver Mines Ltd in Jun/62.

Restaked as Tara cl (82826) in Mar/63 by Canex Aerial Exploration Ltd; as Arpa cl 1-40 (Y31687) by C. Provencher and J.H. Boyce; as WM cl 1-2 (Y56061) in Jun/71 by W. Meilecke, who carried out hand trenching; and as WM cl 1-2 (Y69422) in Jul/73 by J. Mandaus.

Restaked as DG cl 1-56 (YA14944) in Apr/77 by G. Dickson, who carried out bulldozer trenching later in the year. Dickson optioned the claims to Canada Tungsten Mining Corporation Ltd in the spring of 1978, which carried out prospecting, reconnaissance and detailed geological mapping, geochemical rock, soil and stream sediment sampling, trenching and magnetometer surveying from 1978-81. The claims were transferred back to Dickson in Jan/86.

Can-Pro Development Ltd optioned the DG claims as part of a larger block of claims in the Dublin Gulch area in 1989. Ivanhoe Goldfields Ltd optioned Can-Pro's claims in 1991 and subsequently optioned them to Amax Gold (B.C.) Ltd, which in 1992 drilled 2 rotary holes (216.4 m); one each on DG cl 9 and neighboring Smokey cl 52. These two drill holes were part of a much larger drill program carried out on Dublin Gulch property.

Ivanhoe staked the adjacent Sec cl 1-124 (YB29877) in Jun/93, before being acquired by First Dynasty Mines Ltd in Aug/94. In 1995, First Dynasty and in 1996 its wholly owned subsidiary, New Millennium Mining Ltd carried out a major drilling program to outline a resource/reserve on the Eagle Zone (Minfile Occurrence #106D 025). The companies also carried out diamond drilling on Potato Hills (Minfile Occurrence #106D 026) to test for mineralization under the proposed heap leach pad area.

Restaked as Tin Dome cl 1-12 (YC02842) in Aug/2001 by B. Walden and K. Benson who carried out prospecting and rock geochemical sampling in 2001 and 2002.

Capsule Geology

The Dublin Gulch area is underlain by deformed clastic rocks of the Late Proterozoic to Lower Cambrian Hyland Group that have been intruded by Late Cretaceous Tombstone Plutonic Suite stocks, dykes and sills. Alteration and gold and tungsten mineralization is associated with the intrusions.

The early staking on Iron Rust Creek covered a transported limonite gossan in a creek draining weakly metamorphosed clastic rocks and schist. A galena vein is rumoured to have been exposed on the WM claims.

Prospecting and rock geochemical sampling in 2002 failed to locate the source of massive arsenopyrite float boulders discovered, 125 m southwest of this occurrence, in 2001. Sampling of silicified and pyritized siltstone from outcrop just west of the occurrence did not detect any anomalous results.

References

CANADA TUNGSTEN MINING CORPORATION LTD, May/79. Assessment Report #090471 by W.B. Lennan.

CANADA TUNGSTEN MINING CORPORATION LTD, Mar/81. Assessment Report #090790 by G.D. Nordin.

CANADA TUNGSTEN MINING CORPORATION LTD, Dec/81. Assessment Report #090915 by G.M. Rodgers.

CAN-PRO DEVELOPMENT LTD, Feb/90. Assessment Report #092841 by D. Philpot.

FIRST DYNASTY MINES LTD, 1995. Annual Report.

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

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).

MINERAL INDUSTRY REPORT 1969 and 1970, p. 18-19; 1978, p. 14-15.

PROVENCHER, C., Dec/69. Assessment Report #060185 by R.G. Hilker.

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.

WALDEN, B. and BENSEN, K., Mar/2003. Assessment Report #094404 by R.A. Doherty.

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

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

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

Work History

Date	Work Type	Comment
12/31/2002	Geochemistry	
12/31/2002	Other	
12/31/2001	Geochemistry	
12/31/2001	Other	
12/31/1996	Drilling	Also rotary drilling, part of larger program.
12/31/1995	Drilling	Also rotary drilling, part of larger program.
12/31/1991	Drilling	Two holes, 216.4 m.Collared on the Smoky cl 52 and DG cl 9.
12/31/1981	Geology	
12/31/1981	Trenching	
12/31/1980	Geochemistry	Also soil sampling.
12/31/1980	Geology	
12/31/1980	Trenching	
12/31/1979	Geology	
12/31/1979	Trenching	
12/31/1978	Geology	
12/31/1978	Geochemistry	Also silt and rock sampling.
12/31/1978	Ground Geophysics	
12/31/1978	Other	
12/31/1978	Trenching	
12/31/1977	Trenching	
12/31/1971	Trenching	
12/31/1958	Geochemistry	Also rock.
12/31/1958	Ground Geophysics	Type unknown.

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		
095592	2006	2006 Dublin Gulch Exploration Program	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Hand - Trenching	10	4281.51
094577	2004	2004 [Dublin Gulch] Geochemical Soil Sampling	Soil - Geochemistry		
094788	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
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, Magnetism - Ground Geophysics, 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		
092069	1964	Prospectus on the Mayo Silver Mines Ltd.	Property Evaluation - Other, Preliminary Economic Assessment - Studies		

Related References					
Number	Title		Page(s)	Reference Type	Document Type
ARMC014869	Report on turam and ronka electromagnetic surveys in the Haggart Creek area, Yukon Territory			Property File Collection	Report