



## Occurrence Details

**Occurrence Number:** 106D 022

**Occurrence Name:** Barker

**Occurrence Type:** Hard-rock

**Status:** Prospect

**Date printed:** 8/6/2025 8:02:59 AM

## General Information

**Secondary Commodities:** antimony, gold, lead, silver, zinc

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

**Location(s):** 64°1'53" N - 135°51'41" W

**NTS Mapsheet(s):** 106D04

**Location Comments:** .5 Kilometres

**Hand Samples Available:** Yes

**Last Reviewed:**

### Capsule

#### Work History

Staked as Barber cl 1-17 (59497) in Sep/49 by E.H. Barker, who explored with bulldozer trenching and ground sluicing until 1962. The property was optioned by Conwest Exploration Company Ltd in 1952, by Stride Exploration & Development Company Ltd in 1956, by Prospectors Airways Company Ltd in 1960 and by Peso Silver Mines Ltd in 1962. The Eleven cl (55381) were staked 1.6 km north on Fisher Creek in Oct/45.

Restaked within Smoky cl 1-82 (YA17930) in Apr/78 by a joint venture between Canada Tungsten Mining Corporation and Queenstake Resources Ltd, which mapped in 1981. Some of the Smoky claims were transferred to G. Dickson in Feb/86 and the remainder to Queenstake in Aug/86. Queenstake optioned Dickson's claims in Apr/91 and trenched later in the year. In Oct/94 Queenstake transferred its interest in the Smoky and Mole claims to Ivanhoe Goldfields Ltd.

Can-Pro Development Ltd optioned the Smoky and adjoining Mole claims as part of a larger block 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 drilled 2 rotary holes (112.8 m) on the Smoky 5 and 27 claims in 1992.

In Aug/94 First Dynasty Mines Ltd acquired Ivanhoe Goldfields Ltd. 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). The company also carried out diamond drilling on Potato Hills (Minfile Occurrence #106D 026) to test the proposed heap leach pad area.

M.J. Moreau tied on Rex cl 1-8 (YB02241) to the south and Mole cl 1-6 (YB02249) and cl 13-18 (YB02255) to the southwest in Apr/88, and restaked the Rex cl 1-8 (YB03271) and Mole 1-6 (YB03787) and cl 13-14 (YB03793) in August, 1990.

#### 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.

The occurrence consists of quartz veins containing pyrite and jamesonite that occur in breccia zones near the contact between a small Late Cretaceous granitic stock and schist of the Late Proterozoic-Early Cambrian Hyland Group. A sulphide-rich grab sample assayed 25.6% lead, 18.2% antimony, 1.7% zinc, 44.6 g/t silver and 1.0 g/t gold (source uncertain). The veins were discovered during placer mining.

The 1992 drillholes failed to intersect significant mineralization.

#### References

AMAX GOLD (B.C.) LTD, Nov/92. Assessment Report #093049 by A.C. Hitchins.

AMAX GOLD (B.C.) LTD, Nov/92. Assessment Report \*#093050 by A.C. Hitchins.

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

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

FIRST DYNASTY MINES LTD, 1995. Annual Report.

GEOLOGICAL SURVEY OF CANADA, BULLETIN 111, p. 84.

GEOLOGICAL SURVEY OF CANADA, Paper 61-23, p. 33.

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).

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.

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

YUKON MINERAL INVENTORY, 1941-59, p. 108, 133.

YUKON EXPLORATION AND GEOLOGY 1992, p. 2, 4, 5.

YUKON EXPLORATION & GEOLOGY 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
12/31/1996	Studies	
12/31/1995	Studies	
12/31/1992	Drilling	Amax drilled two reverse circulation holes on Smoky claims.
12/31/1991	Trenching	
12/31/1949	Trenching	

## Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">097130</a>	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		
<a href="#">096246</a>	2012	2011 Dublin Gulch Exploration, Drilling, Regional Surface Sampling, Engineering and Environmental Programs	Diamond - Drilling, Diamond - Drilling, Reverse Circulation - Drilling, Reverse Circulation - Drilling, Drill Core - Geochemistry, Drill Core - Geochemistry, Drill Cuttings - Geochemistry, Drill Cuttings - Geochemistry, Rock - Geochemistry, Rock - Geochemistry, Regional Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Bulk Sample - Lab Work/Physical Studies, Bulk Sample - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Geotechnical - Studies, Backhoe - Trenching, Backhoe - Trenching	268	35882.36
<a href="#">095592</a>	2006	2006 Dublin Gulch Exploration Program	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Hand - Trenching	10	4281.51
<a href="#">094788</a>	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
<a href="#">093142</a>	1993	1993 Dublin Gulch Geochemical Assessment Report	Soil - Geochemistry		
<a href="#">093062</a>	1992	1992 Dublin Gulch Geochemical Assessment Report	Soil - Geochemistry, Prospecting - Other		
<a href="#">090915</a>	1981	1981 Exploration Program, Dublin Gulch	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
<a href="#">090790</a>	1980	1980 Assessment Report on the Dublin Gulch Property	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching, Mechanical - Trenching	65	11315.09
<a href="#">090482</a>	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		
<a href="#">090471</a>	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		
<a href="#">060841</a>	1970	Summary Report on Potato Hills Tungsten	Research/Summarize - Pre-existing Data		
<a href="#">060185</a>	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		
<a href="#">062258</a>	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
<a href="#">092069</a>	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
<a href="#">ARMC008964</a>	Correspondence RE: Barker claims - Haggart Creek, Mayo, M.D.		Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC007457</a>	Wedge EM survey results map - E. Barker property - Haggart Creek		Property File Collection	Geophysical Map
<a href="#">ARMC007458</a>	Property Information Form - E.H. Barker lode claims, Haggart Creek		Property File Collection	Report
<a href="#">ARMC007459</a>	Topographic map with field notes - Dublin Gulch		Property File Collection	Geoscience Map (General)
<a href="#">ARMC007460</a>	Sketch map - Geology - Haggart Creek - 100 CL-group		Property File Collection	Geoscience Map (General)

<a href="#">ARMC007461</a>	Sketch map - JEM survey - Haggart Creek	Property File Collection	Geoscience Map (General)
<a href="#">ARMC007463</a>	Mayo claim sheet - 106-D-4 - Haggart Creek and Dublin Gulch	Property File Collection	Geoscience Map (General)
<a href="#">ARMC007466</a>	Correspondence Re: Barker lode claims - Galena Hill	Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC014869</a>	Report on turam and ronka electromagnetic surveys in the Haggart Creek area, Yukon Territory	Property File Collection	Report
<a href="#">ARMC012752</a>	Map - Barker Estate property area	Property File Collection	Geoscience Map (General)