



Occurrence Details

Occurrence Number: 105D 026

Occurrence Name: Porter

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 3:28:04 AM

General Information

Secondary Commodities: antimony, gold, silver

Aliases: Empire, Fleming

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

Location(s): 60°10'34" N - -135°16'56" W

NTS Mapsheet(s): 105D03

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Originally staked in 1893 by F. Corwin and T. Rickman, who carried out prospecting and hand trenching before returning to Juneau with 'rich ore samples'. Both men are reported to have died suddenly soon afterwards without having disclosed the exact location of the claims. In 1898, W.F. Schnabel and others rediscovered one of their old camps but were unable to locate the claims or the source of the samples.

The old workings were restaked as Empire cl in Aug/06 by H.E. Porter and J.H. Conrad, who staked the adjoining Porter and Excelsior cl at the same time. All three claims were taken to lease in 1911 and by 1912, approximately 335 m of drifting was carried out from an adit on the Porter claim.

By 1940, the portal of the main adit was buried by talus. Restaked as Empire claims about 1941 by J. Cox and W. McAlister, who cleaned out the old workings; as Grizzly cl 1-4, Dorothy cl 1-8 and Frankie cl 1-8 (73561) by Prospectors Airways Company Ltd in Jun/58; and as Lum cl 1-22 and Lin cl 1-8 (90251) in Jun/64 by Yukon Antimony Corporation Ltd, which carried out geochemical sampling and bulldozer trenching in 1965 and 1966. The property was optioned to National Lead Company Ltd from June to Sep/70. In Feb/71, Yukon Antimony was merged into International Mariner Resources Ltd.

Restaked as Diane cl 1-8 (YA7918) in Aug/76 by Con-Am Resources Ltd, which carried out EM surveying in 1976 and drilled ten holes (671.5 m) in 1977. Con-Am staked Ant cl 1-4 (YA18570) to the northwest in Jun/77. B. Wilson acquired the three leased claims in 1983, tied on Gor cl 1 (YA78391) in Sep/83 and carried out geological mapping and sampling of the underground workings in 1984.

Berglynn Resources Ltd surrounded the occurrence with Pop cl 15-104 (YA81468) in Mar/84, carried out geological mapping, geochemical soil sampling and staked Pop cl 101 fr-116 fr (YA93378) in 1984 and 1985 and carried out road construction in 1986. During this period Skukum Venture Inc staked Sten cl 1-17 and 19-45 (YA92922) contiguously to the west and carried out prospecting, geological mapping and contour geochemical soil sampling of their claims the following year.

Skukum Ventures and Berglynn formed a joint venture in 1987, to consolidate their holding in the area, and carried out geophysical surveying and drilled two holes (483.7 m) later that year. Skukum Ventures was renamed Skukum Gold Inc in Mar/88. B. Wilson carried out hand trenching on the Gor claim in 1988, before transferring the Gor and leased claims to Skukum Gold in Mar/89.

Berglynn changed its name to Arkona Resources Inc in Mar/92 and in 1994 Arkona formed a new joint venture with No. 276 Taurus Ventures Ltd, a private B.C. company, thereby allowing it to increase its interest in the property and contiguous claims.

Omni Resources Inc optioned the property in 1995 and drilled two holes (510 m) in Sep/96. Omni and Arkona carried out detailed geological mapping, contour soil sampling and prospecting in 1998. By 1999 Omni had earned a 60% interest in the property and purchased Taurus Ventures 10% interest, subsequent to Arkona transferring 100% ownership of the property to Omni on July 23/99.

In Nov/2000 Omni amalgamated with Trumpeter Yukon Gold Inc to form Tagish Lake Gold Corporation.

Capsule Geology

Numerous narrow quartz-stibnite veinlets occur mostly within altered granitic rocks of the mid-Cretaceous Carbon Hill Plug on the south and west facing slopes above Antimony Creek. Individual showings are sporadic and consist of pockets of sulphides in quartz-biotite gangue. Both antimony and silver-rich assemblages occur. Stibnite and sphalerite are the most abundant minerals but lesser amounts of galena, tetrahedrite, zinkerite, chalcostibite, plagioclite and covellite are also present.

Historic workings, as described in Geological Survey of Canada Memoirs 31 and 234, indicate two areas where exploration activity has been focused in the past; the Porter (Fleming) showing or adit for which this occurrence is named and the Empire showing (veins), approximately 1 km north-northwest of this location, which is apparently the site of the original discovery.

Vein mineralization in the vicinity of the Porter showing is found primarily in three veins. One vein which is exposed in the underground workings and two others which outcrop on surface. The largest of the surface veins is located approximately 100 m east of the adit and has been traced for about 40 m in a series of small outcrops. At its western end where it is exposed in a small pit, it varies in width from 25 to 90 cm and consists mainly of quartz, stibnite and sphalerite with minor malachite. A smaller vein is exposed in a single outcrop, 30 m directly uphill from the adit, where it is 10 to 20 cm wide and is exposed over a length of 7 m. The third vein is exposed underground in the adit and consists of two segments each about 3 m in length. Sampling in 1984 returned values of 2 718 g/t Ag, 3.8 g/t Au and 9.1% Sb across 35 cm from the western end of the largest surface vein, 1 678 g/t Ag, 3.7 g/t Au and 8.0% Sb across 15 cm from the underground vein and 2 991 g/t Ag, 0.7 g/t Au and 0.45% Sb across 15 cm from the smaller surface vein.

At the Empire showing at least two veins containing stibnite cut rusty weathering, blue-grey andesite porphyry flows and breccias of Upper Jurassic age. Extensive surface prospecting and trenching has traced the larger vein for approximately 75 m, while the other smaller vein was exposed in only one trench. A chip sample across 48 cm of the footwall portion of the larger vein returned 16.68% Sb.

The 1985 and later work was directed toward the gold potential of the occurrence and adjoining claims. A few widely scattered soil values up to 1 500 ppb Au were obtained, but assays from rocks and drill core were generally low.

References

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BERGLYNN RESOURCES INC, May/86. Assessment Report #091820 by R.A. Doherty.

BERGLYNN RESOURCES INC, May/87. Assessment Report #091931 by R.C.R. Robertson.

BERGLYNN RESOURCES INC, May/88. Assessment Report #092481 by I. Coster.

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OMNI RESOURCES INC and ARKONA RESOURCES INC, Feb/99. Assessment Report #094028 by G.L. Wesa and T.M. Elliot.

OMNI RESOURCES INC and TRUMPETER YUKON GOLD INC, Nov/2000. Joint News Release.

SKUKUM VENTURES INC, Aug/87. Assessment Report #091732 by I. Coster.

SKUKUM VENTURES INC, Dec/87. Assessment Report #062286 by T.A. Garagan.

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YUKON ANTIMONY CORPORATION LTD, Jun/65. Assessment Report #018875 by J.J. Hylands.

YUKON EXPLORATION 1987, p. 106.

YUKON EXPLORATION AND GEOLOGY 1984, p. 71.

Work History

Date	Work Type	Comment
12/31/1998	Geology	
12/31/1998	Geochemistry	Contour sampling.
12/31/1998	Other	
12/31/1996	Drilling	Two holes 510 m.
12/31/1988	Trenching	Cleaned out trenches.
12/31/1987	Drilling	Two holes, 483.7 m.
12/31/1987	Ground Geophysics	VLF survey.
12/31/1986	Geology	
12/31/1986	Development, Surface	
12/31/1986	Trenching	
12/31/1985	Geology	
12/31/1985	Geochemistry	
12/31/1984	Geology	Of underground workings.
12/31/1984	Geochemistry	
12/31/1977	Drilling	Ten holes, 671 m.
12/31/1976	Ground Geophysics	
12/31/1965	Geochemistry	
12/31/1965	Trenching	
12/31/1941	Development, Underground	

12/31/1941	Trenching	Cleaned out trenches.
12/31/1906	Development, Underground	About 335 m of drifting.
12/31/1893	Other	
12/31/1893	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095827	2011	Tagish Lake Gold Property , Exploration Report for 2011, Geological, Geochemical, Diamond Drilling and Data Compilation Work	Rehabilitation - Development, Underground, Diamond - Drilling, Drill Core - Geochemistry, Historical Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology , Surveying - Other, Data Compilation - Pre-existing Data, Digitizing Data - Pre-existing Data	51	12487.77
095183	2009	Skukum Project Exploration Report for 2009 Geochemical and Geophysical Work Done on the Following Mineral Claims Char,Chief,Ci,Glee,Kuku,Lb,Mil,Mom,Omi,Pop,Raca,Sten	Rock - Geochemistry, IP - Ground Geophysics, Resistivity - Ground Geophysics		
094337	2002	Geological Structure and Alteration Study of the Pop,Mom,Chief,Glee,Tech,Berg,Sten,Mil Claims	Detailed Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies, Process/Interpret - Pre-existing Data		
094028	1998	Geological and Geochemical Report on the Goddell/Carbon Hill Property (Mom,Pop,Berg,Sten,Tech,Mil and MB Claims)	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry , Detailed Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
093631	1996	Diamond Drilling Assessment Report on the Pop 10 and 34 Mineral Claims	Diamond - Drilling, Rock - Geochemistry	3	1397.81
062286	1987	Summary Report on the Wheaton Gold Property	Research/Summarize - Pre-existing Data		
091931	1986	Geology and Geochemistry Adit Rehabilitation and Sampling, Backhoe Trenching and Sampling	Rehabilitation - Development, Underground, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Backhoe - Trenching		
091820	1985	Soil Geochemical Survey on the Pop 15-70 and Tech 1-40 Mineral Claims	Orthophoto - Airphotography, Soil - Geochemistry		
091575	1984	Geochemistry Report on the Gor Mineral Claim	Rock - Geochemistry		
061493	1976	Report on the Diane 1-8 Mineral Claims	Cursory Property Visit - Other, Property Evaluation - Other		
092071	1964	Carbon Hill Antimony Deposits,Wheaton District of Yukon Antimony Corporation Ltd (N.P.L)	Property Evaluation - Other		
092050	1940	[Preliminary Account of the Present-Work of the Wheaton River Antimony Deposits]	Tunnelling - Development, Underground, Hand - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC005293	Map - P.A. Cox's antimony		Property File Collection	Geoscience Map (General)
ARMC005295	Mylar map overlay - Showing Mom, Tech and Pop claims		Property File Collection	Geoscience Map (General)
ARMC005296	Notes Re: P.A. Cox's antimony		Property File Collection	Miscellaneous Company Documents
ARMC005297	Notes Re: Becker Cochrane - Pop mineral claims		Property File Collection	Miscellaneous Company Documents
ARMC005298	Correspondence Re: Grizzly-Dorothy-Frankie Mcs - Old Becker/Cochrane stibnite property		Property File Collection	Miscellaneous Company Documents
ARMC005299	Property Information Form - Covering the location of Becker Cochrane-Porter claim groups		Property File Collection	News Release
ARMC005300	Memorandum Re: Cox Antimony prospect - Becker Creek		Property File Collection	Miscellaneous Company Documents
ARMC005301	Claim map showing Becker Creek, Antimony Creek, and Carbon Hill		Property File Collection	Geoscience Map (General)
ARMC005302	Plan map No. 2 - Cox Sb Property - Old Becker-Cochrane Group		Property File Collection	Geoscience Map (General)
ARMC005303	Correspondence Re: Antimony showing in the Wheaton district		Property File Collection	Miscellaneous Company Documents
ARMC005304	Preliminary report on the Cox antimony property, Becker Creek		Property File Collection	Report
ARMC005306	Plan map No. 3 - Theoretical cross-section and plan showing Cow claim group		Property File Collection	Geoscience Map (General)
ARMC005307	Petrology and mineralogy report of the Yukon Sb, stibnite deposit		Property File Collection	Report
ARMC014202	Sketch of Porter-Fleming adit - Carbon Hill - Wheaton District, Y.T.		Property File Collection	Geoscience Map (General)