



Occurrence Details

Occurrence Number: 105D 161

Occurrence Name: Vesuvius

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 10:40:26 AM

General Information

Secondary Commodities: gold, mercury

Deposit Type(s): Vein Au-Quartz

Location(s): 60°15'50" N - -135°16'19" W

NTS Mapsheet(s): 105D06

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Bear cl 1-56 (YA77973) in Jul/83 by AGIP Canada Ltd, which carried out geological mapping and geochemical sampling in 1983. Shawkak Exploration Company Ltd and AGIP formed a joint venture and explored with geochemical, IP and resistivity surveying and 3 rotary holes (421 m) in 1985 and 21 diamond drill holes (2 087.1 m) in 1986. M. Langlois tied on Havi cl 1-36 & Wal cl 66-77(YA93945) to the east in Nov/85 and optioned them in 1986 to Walhalla Exploration Company Ltd (S. Ridgway and M. Barker), which carried out geological mapping and soil sampling. The claims were transferred to Skukum Ventures Inc, which performed mapping and sampling in 1987 in a joint venture with Berglynn Resources Ltd and tied on Net cl 1-78 (YB6231) to the north in Jul/87. Berglynn changed its name to Arkona Resources Inc in Mar/92. Skukum Ventures staked Vin cl 3-109 (YB07319) to the west in 1988 and carried out geological mapping, prospecting, sampling and trenching that year and soil sampling in 1989. The Wal cl were transferred in Feb/89 to Aquiline Resources Inc, which trenched later that year, before relinquishing the claims to Walhalla in 1990. Galleon Mining Ltd purchased a 20% interest in Walhalla in Dec/91. Restaked as the Benji 1-12 cl (YB38120) in Jul/93 by Summit Ventures which carried out prospecting and sampling in July/94. Restaked as CW cl 1-24 (YB67004) by BYG Natural Resources Ltd in May/96, which transferred ownership of the claims to Omni Resources Inc (50%) and Trumpeter Yukon Gold Inc (50%) in Oct/96. Omni and Trumpeter carried out contour soil/talus sampling in 1997 and one day of prospecting and sampling in 2000.

Capsule Geology

The occurrence is located on an eastern lobe of the Eocene Skukum Volcanic Complex. Rhyolite to dacite ash flow tuffs occur in fault contact with quartz monzonite of Jurassic age. Anomalous gold and mercury values are associated with quartz vein swarms located along major fracture systems. The 1986 drilling intersected favourable host rocks but low assays were obtained. On the Havi and Wal claims, Walhalla reported precious metals in massive and chalcedonic quartz veins and shear zones cutting the granodiorite. The best showing is the East Zone where the veins contain quartz, pyrite, galena and chalcopyrite with minor carbonate, sphalerite and schist fragments. Soil samples returned up to 5 400 ppb Au, 37 ppm Ag and 1 580 ppm Pb, while a galena-bearing specimen of vein material assayed 93.1 g/t Au, 83.5 g/t Ag and 0.14% Pb. No significant precious or base metal values were detected during sampling completed on the east and north sides of Vesuvius Hill by Omni and Trumpeter and the claims subsequently lapsed.

References

BERGLYNN RESOURCES INC and SKUKUM VENTURES INC, 1987. Assessment Report *#062286 by T.A. Garagan.

GEORGE CROSS NEWSLETTER, 20 Dec/91; 15 Apr/92.

OMNI RESOURCES INC AND TRUMPETER YUKON GOLD INC, Dec/97. Assessment Report #093745 by T.M. Elliot.

SHAKWAK EXPLORATION COMPANY LTD, Aug/86. Assessment Report *#091832 by G.S. Davidson and R.C.R. Robertson.

SHAKWAK EXPLORATION COMPANY LTD, Jun/86. Assessment Report *#091842 by R.C.R. Robertson.

SHAKWAK EXPLORATION COMPANY LTD, Apr/87. Assessment Report *#091936 by R.C.R. Robertson.

SKUKUM VENTURES INC, Jul/86. Assessment Report *#091951 by H.J. Keyser.

SKUKUM VENTURES INC, Nov/87. Assessment Report *#091963 by I. Coster.

SKUKUM VENTURES INC, Nov/87. Assessment Report *#091964 by I. Coster.

TRUMPETER YUKON GOLD INC, Feb/2001. Assessment Report #094167 by C.O. Nass.

WALHALLA EXPLORATION LTD, Nov/85. Assessment Report *#091666 by C.G. Verley.

WALHALLA EXPLORATION LTD, Fe/87. Assessment Report *#091912 by H.J. Keyser.

YUKON EXPLORATION 1985-86, p. 183, 195; 1987, p. 121, 124-125, 127.

Work History

Date	Work Type	Comment
12/31/2000	Other	
12/31/1997	Geochemistry	
12/31/1994	Geochemistry	
12/31/1994	Other	
12/31/1989	Geochemistry	Work carried out by Skukum Ventures on the Vin claims.
12/31/1988	Geochemistry	
12/31/1988	Geology	
12/31/1988	Other	
12/31/1988	Trenching	
12/31/1986	Drilling	Twenty-one holes, 2,087.1 m
12/31/1985	Drilling	Three holes, 421 m.
12/31/1985	Geochemistry	
12/31/1985	Ground Geophysics	Also resistivity survey.
12/31/1983	Geology	
12/31/1983	Geochemistry	
12/13/2000	Geochemistry	
12/13/1987	Geology	
12/13/1987	Geochemistry	Also rock and silt sampling.
12/13/1986	Geochemistry	Also rock and silt sampling.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094167	2000	Prospecting and Rock Sampling on the CW Claims	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
093745	1997	Geochemistry Assessment Report on the CW 1-24 Claim Group	Rock - Geochemistry, Soil - Geochemistry		
091842	1985	Geochemical Sampling Bear 1-56, Cub 1-24	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC005318	Report on New and Era claims		Property File Collection	Report
ARMC005329	Certificate of analysis - Bear claims		Property File Collection	Assays
ARMC005330	Description of Bear claims		Property File Collection	Miscellaneous Company Documents
ARMC005331	Examination notes - Glenlivet claims		Property File Collection	Miscellaneous Company Documents
ARMC005332	1981 report -		Property File Collection	Report
ARMC005333	Photo of Bear claims		Property File Collection	Photos

Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
DDH-86-1	Vesuvius Mountain	1986	NTW	0	0
DDH-86-10	Vesuvius Mountain	1986	NTW	0	0
DDH-86-11	Vesuvius Mountain	1986	NTW	0	0
DDH-86-12	Vesuvius Mountain	1986	NTW	0	0
DDH-86-13	Vesuvius Mountain	1986	NTW	0	0
DDH-86-14	Vesuvius Mountain	1986	NTW	0	2
DDH-86-15	Vesuvius Mountain	1986	NTW	0	0
DDH-86-16	Vesuvius Mountain	1986	NTW	0	0

DDH-86-17	Vesuvius Mountain	1986	NTW	0	0
DDH-86-18	Vesuvius Mountain	1986	NTW	0	0
DDH-86-19	Vesuvius Mountain	1986	NTW	0	0
DDH-86-2	Vesuvius Mountain	1986	NTW	0	0
DDH-86-20	Vesuvius Mountain	1986	NTW	0	2
DDH-86-21	Vesuvius Mountain	1986	NTW	0	0
DDH-86-3	Vesuvius Mountain	1986	NTW	0	0
DDH-86-4	Vesuvius Mountain	1986	NTW	0	0
DDH-86-5	Vesuvius Mountain	1986	NTW	0	0
DDH-86-6	Vesuvius Mountain	1986	NTW	0	2
DDH-86-7	Vesuvius Mountain	1986	NTW	0	0
DDH-86-8	Vesuvius Mountain	1986	NTW	0	0
DDH-86-9	Vesuvius Mountain	1986	NTW	0	0