



Occurrence Details

Occurrence Number: 105J 029

Occurrence Name: Hench

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/15/2025 2:03:32 AM

General Information

Secondary Commodities: copper, lead, silver, zinc

Deposit Type(s): Skarn Pb-Zn

Location(s): 62°2'18" N - -131°23'24" W

NTS Mapsheet(s): 105J03

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Hench cl (YA34550) in Aug/78 by St Joseph EL, which explored with mapping and geochem surveys later in 1978, and geochem, VLF, EM and IP surveys in 1979, and 5 holes (556 m) in 1980. Getty Can Mls L tied on Clingon cl (YA56270) on the east side in Jul/80 and performed mapping and geochem sampling later in the year. St Joseph changed its name to Sulpetro Mls L in 1981.

Capsule Geology

Galena, sphalerite and minor chalcopyrite occur in veins and a thin skarn zone developed in phyllite and schist of Ordovician to Devonian age near the margin of a small stock of Tertiary quartz-feldspar porphyry. The best surface assays were 18.9% Pb, 14.8% Zn, 82.3 g/t Ag and 0.06% Cu across a thickness of 15 cm. The geophysical surveys outlined a carbonaceous black shale horizon thought be part of the Devono-Mississippian Earn Group. The shale is moderately anomalous in Cu, Pb, Zn, Ag and Ba. The drilling tested the best geophysical and geochemical targets for stratabound mineralization, with disappointing results. A chalcopyrite-bearing quartz vein in shale was found to be the source of a geochemical anomaly on the Clingon group.

References

MINERAL INDUSTRY REPORT 1978, p. 71.

ST. JOSEPH EXPLORATION LTD, 1978. Assessment Report *#090469 by D. Hendry.

ST. JOSEPH EXPLORATION LTD, 1979. Assessment Report *#090526 by D. Hendry and J.L. Wright.

ST JOSEPH EXPLORATION LTD, Oct/80. Assessment Report #090662 by D.C. Miller.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 193-194.

Work History

Date	Work Type	Comment
12/31/1980	Drilling	Five holes, 556 m.
12/31/1979	Geochemistry	Also rock sampling.
12/31/1979	Ground Geophysics	Also VLF and IP surveys.
12/31/1978	Geology	
12/31/1978	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094914	2007	Assessment Report Describing Geology, Geochemistry, Geophysics, Mineralization, Soil Sampling, Excavator Trenching and Diamond Drilling at the Tidd Property	Diamond - Drilling, Soil - Geochemistry, Mechanical - Trenching	2	314
094835	2006	Assessment Report Describing Geology, Geochemistry, Geophysics, Mineralization and Diamond Drilling at the Tidd Property	VTEM - Airborne Geophysics, Diamond - Drilling, Soil - Geochemistry, Magnetics - Ground Geophysics, Line Cutting - Other	16	1890
094611	2005	Assessment Report Describing Geology, Geochemistry, Geophysics and Mineralization at the Tidd Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics		

090662	1980	[1980 Diamond Drilling Report on the Hench Claims]	Diamond - Drilling	5	556.60
090526	1979	Progress Report on the Hench Claims (1979 Programme) Covering: Line Cutting, Geophysics, Geochemistry	Rock - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Hand - Trenching		
090469	1978	Geological and Geochemical Report on the Hench Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other		

Related References					
Number	Title		Page(s)	Reference Type	Document Type
ARMC001815	EM map with topographic markings - Cook Lake area			Property File Collection	Geophysical Map
ARMC001816	EM map with survey lines - Cook Lake area			Property File Collection	Geophysical Map
ARMC006287	Geochemical values map - Cu, Pb, Zn - MacMillan project			Property File Collection	Geochemical Map
ARMC006288	Geochemical values map - Cu, Pb, Zn - MacMillan project			Property File Collection	Geochemical Map
ARMC016672	Geochemical sample stations - 105J/3 - Timber Creek			Property File Collection	Geochemical Map
ARMC018717	Field map with notations - 105J/3			Property File Collection	Geoscience Map (General)
ARMC016671	Geochemical results map - 105J/3 - Timber Creek			Property File Collection	Geochemical Map
ARMC017635	Topographic map with field markings showing shale finds			Property File Collection	Geoscience Map (General)
ARMC018719	Geochemical values map with notations - Cu, Pb, Zn - Anerd Grid - MacMillan project			Property File Collection	Geochemical Map

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
TD-06-01	Tidd	2006	BTW	0	3
TD-06-02	Tidd	2006	BTW	0	3
TD-06-03	Tidd	2006	BTW	0	4
TD-06-04	Tidd	2006	BTW	0	4
TD-06-08	Tidd	2006	BTW	0	4
TD-06-11	Tidd	2006	BTW	0	4