



Occurrence Details

Occurrence Number: 105B 083

Occurrence Name: Sin

Occurrence Type: Hard-rock

Status: Showing

Date printed: 8/6/2025 1:46:18 AM

General Information

Secondary Commodities: tin

Deposit Type(s): Porphyry Sn

Location(s): 60°8'43" N - -131°25'18" W

NTS Mapsheet(s): 105B03

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Sin cl (YA33343) in Jun/78 by Welcome North ML and optioned to Klinkit JV (DuPont of Can EL & Duval Corp), which conducted detailed mapping and geochem sampling in 1978 and 1979. The property was reoptioned briefly in 1980-81 by DC Synd (Dome & Cominco), which performed mapping, trenching and sampling in 1981. In Jul/97 B.S. Wilson staked Sparrow cl 1 (YB89863) 3 km to the west.

Capsule Geology

Minor malayaite occurs with quartz, tourmaline, fluorite and muscovite in weak greisen zones associated with a leucocratic phase of the Seagull Batholith. Soil sampling by DuPont outlined a tin anomaly more than 1 km long with values which ranged from 200 ppm to 0.26% Sn. Tin mineralization was found in a few pieces of quartz-tourmaline vein float and in altered intrusive material containing veins and disseminations of quartz, tourmaline, fluorite and muscovite. Rock samples returned assays up to 0.1% Sn in the discovery area and specimens of magnetite-garnet skarn from a second showing to the northwest assayed up to 0.2% Sn.

References

GEOLOGICAL SURVEY OF CANADA Paper 79-1A, p. 264-266.

KLINKIT JOINT VENTURE, Feb/80. Assessment Report *#090557 by G. Ditson

MINERAL INDUSTRY REPORT 1978, p. 55.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 152.

J.C. STEPHEN EXPLORATIONS LTD, Nov/81. Assessment Report #092931 by J.C. Stephen.

Work History

Date	Work Type	Comment
12/31/1981	Geology	
12/31/1981	Trenching	
12/31/1981	Other	
12/31/1978	Geology	
12/31/1978	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096722	2014	STAKING, SOIL SAMPLING, PROSPECTING AND AIRBORNE GEOPHYSICS REPORT – SEAGULL TIN PROJECT	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry		
096335	2012	Airborne Geochemical Sample Survey - Seagull Tin Project	Silt - Geochemistry		
095455	2011	Prospecting, Geological and Geochemical Surveys at the Seagull Tin Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
092931	1981	Report on Trenching Sin 1-118 Mineral Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Mechanical - Trenching		
		Klinkit Joint Venture (Du Pont of Canada Exploration Limited with	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping -		

090557	1979	Klinkit Joint Venture (Du Pont of Canada Exploration Limited with Dival Mining Limited) 1979 Programme, Yukon Territory	Geology, Detailed Bedrock Mapping - Geology, Petrographic - Lab Work/Physical Studies, Prospecting - Other		
090470	1978	Klinkit Joint Venture: 1978 Field Programme for Duval International Corporation and Du Pont of Canada Exploration Limited	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Geotechnical - Studies		