



Occurrence Details

Occurrence Number: 105B 052
Occurrence Name: Porcupine
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 3:28:25 AM

General Information

Secondary Commodities: asbestos, copper, zinc
Aliases: Mark, Spruce
Deposit Type(s): Ultramafic-hosted asbestos
Location(s): 60°57'53" N - -130°2'16" W
NTS Mapsheet(s): 105B16
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Discovered in 1967 by Frances Magun while on a hunting trip. Staked as Mark cl 4-5 (Y22890) in May/68 by B. Studer and examined by Dome Petroleum Ltd the following July during a brief option.

Restaked as Spruce cl 1-2 (YA67222) in Sep/81 by L. Desbiens and as Bill's cl (YB15134) in Aug/88 by V. Krickbaum, who prospected in 1989, and added the Chris cl (YB33290) and Dawn cl (YB33291) in Aug/90. The Chris and Dawn claims were allowed to lapse in 1991.

V. Krickbaum prospected and sampled Bill's cl in 1991, added the Laura-Chris cl (YB35007) and Sarah-Dawn cl (YB35008) in Aug/92 and transferred a half share in all three claims to R. Krickbaum. V. Krickbaum and R. Krickbaum stripped ground on the Laura-Chris and Sarah-Dawn claims in Aug/93 and mapped and sampled in Aug/94.

In Jan/96 Cominco Ltd staked BL cl 1-56 (YB72555) 2 km to the northwest. In May/96 V. Krickbaum staked 7 Jesse claims (1=YB83032) around the occurrence. In Jun/96 Cominco surrounded Krickbaum's claim group with BL cl 57-93 (YB84117). Cominco carried out geological mapping and soil and silt sampling programs in 1996 and 1997.

Capsule Geology

The area has not yet been re-mapped by the Yukon Geology Program however work completed by Cominco suggests the area is underlain by a sequence of Upper Devonian to Early Mississippian metasediments. In the east the sequence is intruded by massive, magnetic serpentinite bodies while to the west the sequence is intruded by a two mica granite. The original occurrence consists of small lenses of spiky slip fibre asbestos in a sheet-like body of serpentinite and peridotite. The ultramafic bodies are cut by small, irregular bodies of gabbroic pegmatite and amphibolite. The fibre zones are less than 1 800 tonnes in size and consist of light green amphibole fibre up to 15 cm and averaging 2.5 to 5 cm in length. The gabbro contains up to 5% disseminated pyrrhotite but no copper or nickel. Several minor chrysocolla-chalcocite showings, each less than 0.25 square metres, were observed but not assayed.

Cominco staked the BL claims for their volcanogenic massive sulphide potential. Silt and contour soil sampling completed by Cominco identified a few single sample Cu (up to 167 ppm) and Zn (up to 425 ppm) anomalies scattered throughout the BL claims. Follow-up sampling failed to identify any economic targets.

References

COMINCO LTD, Apr/98. Assessment Report #093861 by V.L. Bannister and R.W. Holroyd.

COMINCO LTD, Apr/97. Assessment Report #093883 by D. Senft.

DOME PETROLEUM LTD, Jul/68. Assessment Report #018618 by K.D. Watson.

Work History		
Date	Work Type	Comment
12/31/1997	Other	Work carried out on BL claims.
12/31/1996	Geology	
12/31/1996	Geochemistry	
12/31/1996	Geochemistry	
12/31/1994	Geology	
12/31/1994	Other	
12/31/1993	Other	Work carried out on Laura-Chris and Sarah-Dawn claims.
12/31/1991	Other	Work carried out on Bill's claim.
12/31/1991	Other	Work carried out on Bill's claim.
12/31/1989	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094793	2005	Grassroots Prospecting Exploration	Prospecting - Other		
095287	2004	2003 Crystal Valley Project Geological Survey Prospecting and Mapping of the Jesse 1-5, 7-14, Dawn 17-70, Bill's, Sarah-Dawn and Laura Claims	Rock - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Regional Bedrock Mapping - Geology, Prospecting - Other		
094458	2003	Assessment Report Describing Geology, Mineralization and Geochemistry on the Four Corners Property	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
093883	1996	1996 Assessment Report Wat and BL Properties Geological Mapping and Soil Geochemistry	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
018618	1968	Preliminary Report, Studer Option	Detailed Bedrock Mapping - Geology, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC013451	Property submission: Studer option 105B-16		Property File Collection	Report
ARMC019016	Field map of Wolf Lake showing heavy mineral sample sites - 105B Grass Lakes project		Property File Collection	Geoscience Map (General)