

PRODUCT	IRON	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	104 G/13	REF. Fe 1
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NAME OF PROPERTY	SHAKES CREEK (MH)					
OBJECT LOCATED-symbol on Map	11-1971.					
UNCERTAINTY IN METERS	Lat.	57°51'30"	Long.	131°43'		
Mining Division	Liard	District	Cassiar			
County	Township or Parish					
Lot	Concession or Range					
Sec	Tp.					R.

HISTORY OF EXPLORATION AND DEVELOPMENT
 The property is located on Shakes Creek, 20 miles west of the Stikine River from Telegraph Creek.
 An aerial magnetometer survey over the area in 1964 revealed several anomalies and the MH group of 82 claims was located on these early in 1965. The locators sold the property to Stikine Iron Mines Ltd. Work by the company during 1965 included 12,500 feet of trenching and about 3 acres of stripping by bulldozer, and a magnetometer survey along 29.5 line miles on 56 claims.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT
 The showing is an ultramafic body, very poorly exposed but apparently a mile or more across. Abundant float as well as some rock in place showed the body to be a highly variable black rock with some layering and several intrusive phases. Pyroxenite is apparently the main type, and there is also peridotite. No dunite or olivine-rich rock was seen; there is a little gabbroic material and some syenitic or dioritic rock. Magnetite appears to be a primary constituent and is widespread but nowhere did it appear to be a major constituent. There is associated titanium. The magnetite occurs interstitially throughout the pyroxenite in rounded grains and blebs. The ground magnetometer work indicates strongly that the pyroxenite is an intrusive plug with a roughly oval shape at the surface. The long axis about 14,000 feet long in an east-northeasterly direction, and the plug is at least 5,000 feet across. A chip sample taken over a length of 59 feet from a bulldozed exposure near the center of the plug assayed as follows: Total iron, 12.67%; magnetite, 6.51%; titanium, 0.83%; phosphorus, 0.14%.
 Associated minerals or products of value - Titanium.

HISTORY OF PRODUCTION

REFERENCES

Annual Reports, Department of Mines, British Columbia:
1965, p. 18; 1966, p. 23.

Mineral Development Sector; Corporation Files: "Stikine
Iron Mines Ltd."; "North Pacific Mines Ltd."

MAP REFERENCES

Map 9-1957, Stikine River Area, B.C., (Geol.), Sc. 1":
4 miles.

Map 104 G, Telegraph Creek, B.C., (Topo.), Sc. 1:250,000.

Map 11-1971, Telegraph Creek, (Geol.), Sc. 1:250,000 -
accomp. Paper 71-44, Geol. Surv. of Canada.

REMARKS

Comp./Rev. By		DMacR					
Date	11-67	8-74					