

PRODUCT TUNGSTEN
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 93 E/6
RÉGION DU S.N.R.C.

REF. W 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HARRISON SCHEELITE

OBJECT LOCATED - Scheelite-bearing talus.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 53°21'45"
Lat.

Long. 127°17'45"
Long.

Mining Division Omineca
Division minière

District
District

Range 4 Coast

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The part of the property on which the scheelite deposit occurs lies astride the contact between the main mass of the Coast Intrusions on the southwest, which there consist of granite, quartz diorite and diorite, and metamorphosed Jurassic tuff, greywacke, shale, slate, and flows of the Hazelton group. The shale and slate contain andalusite, epidote, chlorite, and zoisite, and silicification is widespread in the volcanic rocks. At the scheelite deposit the strike of the contact of the granitic rocks turns sharply from northwest to west for a short distance forming an embayment of the Hazelton group rocks. The general effect of contact metamorphism of the sediments in this embayment is more marked than elsewhere in the vicinity. The volcanic rocks particularly appear to have been minutely fractured and cut by a stockwork of quartz stringers that carry scheelite. The stringers vary in width from a fraction of an inch to 4 inches but are commonly 1 inch to 2 inches wide. About 500 feet east of the main showing volcanic rocks are cut by numerous stringers of quartz containing small amounts of scheelite, commonly see Card 2

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at about 4,800 feet elevation on the south side of Lindquist Peak, at the west end of Whitesail Lake, some 95 miles south of Smithers. The claims lie within the northwest corner of Tweedsmuir Provincial Park.

In September 1943 scheelite was discovered in a talus slide by the Harrison brothers, of Wistaria, who staked the Harrison 1-10 claims. When en route to examine the tungsten showings Franc R. Joubin, in 1944, noted gold and silver bearing quartz veins about 1,000 feet to the east of the tungsten showings (see Harrison, 93 E/6, Au 1). Additional staking was done to a total of 30 claims, including the Harrison 1-18, 21-30, Telluride 1-8, Wedge Fr. and AE Fr. (Lots 2998-3026 inclusive).

Pioneer Gold Mines of B.C., Limited held the property during 1944-46 but work was apparently confined to the gold-silver veins. Deer Horn Mines Limited in 1952 outlined and systematically sampled two scheelite-bearing talus areas and sampled all previous drill core for tungsten. In 1955 the company had plans to extend the underground workings on the gold-silver veins westerly under the tungsten-bearing talus area, but apparently this was not carried out.

Mentor Exploration and Development Co., Limited acquired a lease on the property and during 1967 carried out reconnaissance prospecting, trenching, and sampling for tungsten. The Granby Mining Company Limited is also reported to have held the property in 1967 under an agreement with Deer Horn and carried out geological mapping and bulldozer trenching. The claims reverted to the Crown in about 1975.

Reports of Minister of Mines, British Columbia:
1944, p. 175; 1952, p. 98; 1955, pp. 25-27,
1967, p. 114.

+Duffell, S.; Whitesail Lake Map-Area, British Columbia;
Memoir 299, pp. 101-103, Geol. Surv. of Canada, 1959.

Young, Paul E.; Report on the Property of Deer Horn Mines
Limited, 12/03/54 - in Deer Horn Mines Limited
Prospectus, 21/04/54.

Mineral Policy Sector; Corporation Files: "Deer Horn Mines
Limited"; "Mentor Exploration and Development Co.,
Limited".

Buckles, H.R.; The Deer Horn Property; Western Miner and
Oil Review, November 1954, pp. 82-85.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1064 A, Whitesail Lake, (Geol.), Sc. 1":4 miles - accomp.
Memoir 299.

#Surface plan showing geology, Sc. 1":500', Fig. 6 - accomp.
Memoir 299.

Deer Horn Mines - principal showings, Sc. 1":1,000', Report
of Minister of Mines, B.C., 1955, p. 27.

*Map 93 E/6, Chikamin Mountain, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR							
Date Date	4-80							