

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CK

OBJECT LOCATED - New Showing.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 51°54'30"
Lat.

Long. 119°34'20"
Long.

Mining Division Kamloops
Division minière

District
District

Kamloops

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

A number of showings of stratiform lead-zinc occur in rocks of the Shuswap Metamorphic Complex which include marbles, calc-silicates and biotite gneisses of unknown but probable Palaeozoic age. A calcareous section includes the sulphide layer. In the New Showing the sulphide layer is generally less than 1 metre thick, but locally may be several metres in thickness, and appears to be continuous for a distance of at least 1,300 metres. It consists of massive sphalerite and pyrrhotite, minor galena, and trace chalcopyrite. The contact may be sharp or gradational through several metres of siliceous marble. Chip samples indicate about 20% zinc and 4% lead.

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

The property is located at approximately 3,600' elevation on a west fork of the Raft River, a tributary of the North Thompson River, 25 miles northeast of Birch Island.

The showings were discovered by Andy Horne in 1973. Rio Tinto Canadian Exploration Limited optioned the claims and during 1974-75 carried out ground magnetometer, induced potential and airborne electromagnetic surveys, geochemical soil and stream sediment surveys (2,120 samples). This work led to the discovery of the North Showing and outlined anomalous zones in the New Showing and Main Boulder area. The North Showing was tested by further geophysical work and 742 metres of diamond drilling in 10 holes.

Sicintine Mines Ltd. held an option on the property in 1976 and carried out a magnetometer survey and trenching.

Cominco Ltd. optioned some 300 units in the CK, Raft, North and ULO groups from A. Horne in 1978. Geophysical and geochemical surveys and trenching led to the discovery of further mineralization in the Main Boulder, New Showing and Mist areas. Diamond drilling in 20 holes totalled 2 110 metres on the New and Main Boulder showings. Further drilling was done in 1979 (18 holes, 2,768 metres) and in 1980 (15 BQ holes, 1,277.3 metres). Additional work reported in 1979-80 included induced potential surveys over 53 K, magnetometer surveys over 49.9 K and geochemical surveys comprising some 10,000 samples. Diamond drill indicated reserves in the New Showing zone were reported at 1,643,000 tons grading 8.6% Zn, 1.4% Pb, 0.25 oz/t Ag (George Cross News Letter, 26/11/86).

Rea Gold Corporation and Verdstone Gold Corporation began a joint venture exploration program in 1986 following the assignment of an option agreement on 305 units between Andrew Horne and Desperado Resources Inc. Work in 1986-87 included geological mapping, geochemical soil and induced potential surveys and some 23,195 feet of diamond drilling in 92 holes.