

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ MAY (PERLITE) (RALPH & OLIVE)

OBJECT LOCATED - Deposit.
OBJET LOCALISÉ

UNCERTAINTY 300 m **Lat. 51°20'30"** **Long. 122°21'50"**
FACTEUR D'INCERTITUDE **Lat.** **Long.**

Mining Division **Clinton** District
Division minière *District* **Lillooet**

County Township or Parish
Comté *Canton ou paroisse*

Lot Concession or Range
Lot *Concession ou rang*

Sec Tp. R.
Sect. *Ct.* *R.*

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The deposit occurs within rhyolitic tuffs, breccias and flows of Tertiary (Eocene ?) age. The flat lying deposit has apparent dimensions of about 1,300 ft north-south by about 1,000 ft east-west. Thicknesses range from 40 ft to 164 ft in exposures along Higginbottom creek. Overburden appears to be shallow. Within the deposit, grey glassy perlite having spherulitic fractures from 3 mm to several cm has been defined as coarse perlite and appears to form the core of the deposit. The possible reserve of coarse perlite has been estimated at 1 000 000 tonnes (A.D. Drummond, March 1983, p. 10). Preliminary tests indicate that the expansion factors for the coarse perlite are, in general, acceptable.

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

The property is located at 3,900' elevation on the north side of Higginbottom Creek some 60 km northwest of Clinton. The Ralph and Olive claims, held in 1949 by L. Frenier of Clinton were apparently staked on this deposit although the location given is Lot 5151 which is 1.5 miles to the south-east. No development work was reported.

In 1978 the deposit was held as the Perlite 1 and 2 claims (12 units) by H. Gadway and A. Edie. Geological mapping was carried out by W. Jackman and E. Meyers for Rask Resources Ltd. Physical analyses of the perlite and an economic evaluation were also carried out at that time; samples were obtained from test pits and outcrops.

Aurun Mines Ltd. in December 1982 sampled the deposit in outcrop and in test pits. In January 1983 the company optioned the May 1 and 2 claims (18 units) from W. Kure and J. Kruszewski of Calgary.

Marketing of a 1000 lb sample was successful.

Proven reserves 450 000 tonnes.

mm, 6/09/84

Report of Minister of Mines, British Columbia: 1949,
p. 261.

Exploration in British Columbia; British Columbia Dept.
of Mines: 1978, p. E 289.

Drummond, A.D.; Report on the Pacific Perlite Project,
Empire Valley, British Columbia for Aurum Mines
Ltd., March 25, 1983.

Mineral Policy Sector; Corporation Files: "Aurum Mines
Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Regional Geology (after Tipper, 1978), Sc. 0.8 cm:1 km,
Fig. 3, Report by Drummond, 1983.

#Claim map, Aurum Mines Ltd., Fig. 2, Report by Drummond, 1983.

*Map 92 0/8, Empire Valley, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-83						