

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

OLIVINE MOUNTAIN

OBJECT LOCATED - J-2 claim showing.
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	500 m	Lat. 49°31'	Long. 120°53'
Mining Division Division minière	Similkameen	District District	Yale
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

Olivine Mountain is underlain by a Triassic intrusive complex of dunite, pyroxenite and gabbro, characterized by a concentric or zonal arrangement of rock units. Several areas of dunite and serpentized dunite with visible chromite-magnetite mineralization have been reported. The chromite-magnetite mineralization consists of irregular stringers, segregations and disseminated grains. A chip sample across a trench on J-2 claim assayed 0.93% chromium and 0.41 gm/tonne platinum.

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

Olivine Mountain is located on the south side of the Tulameen River, some 16 miles west-northwest of Princeton.

The mountain has been prospected from about 1900 in search of the source of the platinum found in Tulameen river placer operations. Considerable prospecting and claim staking too was carried out in the early years but the record is incomplete. Recorded here is a compilation of reported activity on the northwest slope of the mountain, but relative locations are generally unknown.

Eight claims in two groups (Lots 1136-1143) were located in about 1919 by Olivine Mountain Platinum Syndicate, Limited but the reason for staking and work done were not reported; the claims were Crown-granted in 1925.

In the late 1930's claims were held by Olivine Mining Company, Limited and G. Sootheran. A little work high up the mountain revealed a small lens of chromite.

Consteel Explorations Ltd in 1969 acquired the Cathy, Tina, and Doug groups (37 claims) and two of the Crown-grants (Lots 1136-1137). Work included geological mapping and a ground magnetometer survey.

D.K. Platinum Corporation in 1983 acquired the J and L groups comprising 22 claims and fractions from R. Chapman of Penticton and Semco Mining Corporation. These claims were a restaking in part of the ground held by the Cathy-Tina claims but excluding the two Crown-grants. Work in 1983 included geological mapping and sampling.

Findlay, D.C.; Origin of the Tulameen ultramafic-gabbro complex, southern British Columbia; Canadian Journal of Earth Sciences, Vol. 6, pp. 399-425 (1969).

+Dawson, J.M.; Report on the J and L Claims, July 5, 1983, in D.K. Platinum Corporation Prospectus, July 31, 1984.

Eardley-Wilmot, V.L.; Tulameen Area, British Columbia trip, Aug. 1939, in Commodity File MR-CR-301.00.

Macauley, R.M.; The Source of Placer Platinum in the Tulameen District of British Columbia; Engineering and Mining Journal, Vol. 107, February 15, 1919, pp. 303-306.

O'Neill, J.J. and Gunning, H.C.; Platinum and Allied Metal Deposits of Canada; Economic Geology Report No. 13, pp. 89-93, Geol. Surv. of Canada, 1934.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, (Geol.), Sc. 1":4 miles, accomp. Memoir 243, Geol. Surv. of Canada, 1947.

Generalized geology and structure of the Tulameen Complex, Sc. 1":3.5 miles, Fig. 2, Report by Findlay, p. 402.

#Claim Map, J & L claims, Sc. 1:50,000, accomp. Report by Dawson, 1984.

*Map 92 H/10, Tulameen, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	12-85						