

NAME OF PROPERTY

IN

OBJECT LOCATED - Location from Geology, Exploration, and Mining, 1973.

UNCERTAINTY IN METRES

Lat. 57°35'

Long. 130°55'

Mining Division Liard

District

Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

An Upper Triassic assemblage has been intruded by a stock of basaltic augite porphyry and by quartz monzonite tongues and satellitic stocks of the Upper Cretaceous Yehiniko Lake batholith. The assemblage consists mainly of massive andesite, with subordinate intercalated tuffaceous andesite, chert, and limestone. The andesite is dioritized near the quartz monzonite. Minor chalcopyrite and specularite occur in quartz and quartz-calcite veins in quartz monzonite and andesite, and seams of chalcopyrite occur along minor shear zones in the basalt.

Five diamond-drill holes totalling 1,514 feet were drilled to test geophysical anomalies, and to test the extension of scattered surface mineralization. Holes 1, 2, and 3 were drilled between Schaft and Mess Creeks about 5.3 kilometres (3.5 miles) north of Johnnie Lake, with 4 and 5 located at Ameoba Lake. The northerly holes intersected hornfelsed pelitic sandstone, thin augite porphyry dykes, andesite flows, and extensive massive to weakly foliated diorite. Quartz-carbonate stringers and breccias and pink altered zones comparable to Schaft Creek alteration were observed along with some graphitic material. The southerly holes intersected hornfelsed pelite, andesite, and altered pinkish diorite. Much of the general area appears to be underlain by an extensive intrusive diorite pluton that may predate the Hickman intrusion.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 3,000 foot elevation between Mess and Schaft Creeks, 24 miles south-southeast of Telegraph Creek.

Some 250 claims in the IN, C, D, and E groups were acquired in about 1971 by the Hecla Operating Company, of Wallace, Idaho. During 1971-73 Hecla Mining Company of Canada Ltd. carried out an exploration program including geochemical soil surveys totalling 2,163 samples, magnetometer surveys over 69 line-miles, induced potential and resistivity surveys over 12.4 line-miles, and trenching. By 1973 the property had been reduced to 115 claims in the IN, OUT, and C groups. In 1974 diamond drilling was done in 5 holes totalling 1,514 feet on C 13, 61 and IN 34, 62.

120550

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of
 Mines: 1971, p. 58; 1972, p. 534; 1973, p. 507 + ;
 1974, p. 339 ++ .

MAP REFERENCES

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

Map 104 G/10, Mount Edziza, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	4-76						