

MAR 15 1971

92 H
KEMRON MINES LIMITED
(FOR INTER-OFFICE USE ONLY)

820929

To G.M. Hogg

Zenith Mining - Copper

Zenith Min

Subject Harrison M

Harrison Lake Area BC

March 11, 1971.

March 11 1971

J.H.S.	<input checked="" type="checkbox"/>
M.K.	<input checked="" type="checkbox"/>
G.M.H.	<input checked="" type="checkbox"/>
R.D.S.	<input type="checkbox"/>
B.C.B.	<input type="checkbox"/>
I.D.B.	<input type="checkbox"/>
M.D.R.	<input type="checkbox"/>
A.H.F.	<input type="checkbox"/>
E.C.J.	

Earl

Dodson and he advised that some company was making a decision on the property yesterday. Dodson said he would phone me if that decision was negative.

The property, by virtue of its proximity to Harrison Lake, has attracted many mining companies in the past. Harrison Lake, as you may know, is something of a convention resort and many people from Vancouver like to spend occasional weekends there. With the degree of attention the property has had, and judging by the enclosed description of the mineralization, I doubt that anything formidable will arise from the current effort.

The most recent work was done in 1961, when an adit 470' long was driven toward an open cut 45' higher up. The mineralization consists of a quartz pyrite vein striking N 80° W and dipping 40° N. There is chalcopyrite on either wall of this vein, but McKechnie, who wrote the report, states that the copper mineralization is very restricted.

The only ore shipments I know about consist of 287 tons of crude ore which contained an average of 1.25% Cu, 3.3 ozs. Ag, 7.1% Zn and .06 ozs. Au.

I will keep you posted if anything worthwhile develops.

WMS/jm

Encl. - Harrison Lake Report by N.D. McKechnie from B.C. Minister of Mines Annual Report, 1962.

Bill
W.M. Sirola.

Bill checked out the report in the Cross Newsletter re the Zenith Mining Corp. property.

WMS

MAR 15 1971

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

820929

To G.M. Hogg

From W.M. Sirola

Subject Zenith Mining Corporation
Harrison Mills Property

Date March 11, 1971.

J.H.S.	<input checked="" type="checkbox"/>
M.K.V.	<input checked="" type="checkbox"/>
G.M.H.	<input checked="" type="checkbox"/>
R.D.S.	<input type="checkbox"/>
B.C.B.	<input type="checkbox"/>
I.D.B.	<input type="checkbox"/>
M.D.R.	<input type="checkbox"/>
J.H.F.	<input type="checkbox"/>
(E.C.J.)	

Prompted by your telephone call I phoned Earl Dodson and he advised that some company was making a decision on the property yesterday. Dodson said he would phone me if that decision was negative.

The property, by virtue of its proximity to Harrison Lake, has attracted many mining companies in the past. Harrison Lake, as you may know, is something of a convention resort and many people from Vancouver like to spend occasional weekends there. With the degree of attention the property has had, and judging by the enclosed description of the mineralization, I doubt that anything formidable will arise from the current effort.

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Encl. - Harrison Lake Report by
N.D. McKechnie from B.C.
Minister of Mines Annual
Report, 1962.

Bill

W.M. Sirola.

Bill checked out the report in the Cross Newsletter re the Zenith Mining Corp. property.

WMS

HARRISON LAKE*

Copper-Gold

(49° 121° S.W.) This group of thirty-one claims on the east side of the Chehalis River is held by record by Isaac Miller, of White Rock, and associates. The road up the Chehalis Valley turns northwestward from the Morris Valley road 4.3 miles from the Mission-Agassiz highway at Harrison Mills. The mine-road turnoff is 1.7 miles from the Morris Valley road. The showings are at an elevation of about 900 feet.

In 1961 an open pit was made on a showing of copper mineralization, and an adit 470 feet long was driven eastward toward the open cut and about 45 feet lower in elevation. Some diamond drilling was done, but the cores were not available at the time of the writer's visit. (See Table XIV for shipment.)

The claims are underlain by the Middle Jurassic volcanic rocks of the Chehalis Formation. Southwest of the Chehalis River these rocks are in contact with Coast Range intrusive rocks.

The rocks are amygdaloidal and massive andesites with lenses of agglomerate. The agglomerate has fragments up to about 1 foot diameter of thin-banded tuff, grey cherty material, and of andesitic rock. Contacts in the adit strike near north-south and have near-vertical dips. A flow contact north of the portal strikes northwest and dips 65 degrees southwest. A large mass of agglomerate south of the adit strikes about north 70 degrees west and shows widely variable dips.

Mineralization in the adit consists of a number of thin quartz-pyrite stringers striking north 80 degrees west and dipping 45 degrees to 70 degrees southward. A quartz-pyrite vein in agglomerate is exposed 100 feet from the face. It strikes north 30 degrees west and dips 70 degrees southwestward and is about 10 feet wide. A sample of the quartz and pyrite assayed: Gold, trace; silver, 0.3 ounce per ton. In the open pit, which is about 100 feet east of the adit face, a similar quartz-pyrite vein strikes north 80 degrees west and dips 40 degrees northward. The vein walls are andesite on the bench above the pit and are agglomerate in the pit floor. On both sides of the quartz vein, but more pronouncedly on the footwall side, the agglomerate is mineralized with chalcopyrite up to possibly 3 per cent copper. No copper mineralization shows in agglomerate elsewhere, neither in the adit nor in the large area of exposures south of the adit. The copper mineralization is very restricted, and there is no evidence that it may be a faulted segment of a nearby larger body.

HOWE SOUND†

Copper-Zinc

Britannia (Howe Sound Company (Britannia Division))

(49° 123° N.E.) Head office, 500 Fifth Avenue, New York, N.Y.; mine office, Britannia Beach. William M. Weaver, Jr., president; A. D. McCutcheon, manager; A. J. McDougall, general superintendent. Shrinkage, cut-and-fill, filled square-set, sublevel caving, and blast-hole mining methods were used to remove ore from the Victoria, No. 8, and Bluff ore zones.

The following is a summary of development work done in 1962:—

	Drifting	Cross-cutting	Raising	Diamond Drilling
	Ft.	Ft.	Ft.	Ft.
No. 8 mine	3,426	976	3,622	—
Bluff mine	1,353	133	2,925	—
Victoria mine	2,629	177	2,589	—
Totals	7,408	1,286	9,136	28,510

* By N. D. McKechnie.
† By J. E. Merrett.