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REPORT ON THE

REHANNA, KEL AND ZN CLAIMS

OKANAGAN REGION, B. C.

FOR

VEGA MINES LTD. (MPL)

April 17, 1972

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MAP:

LOCATION MAP

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INTRODUCTION:

Vega Mines Ltd. (NPL) holds a total of 43 mineral claims, referred to as the Peachland Group approximately 1 1/2 miles north-northwest of Peachland, British Columbia.

Zinc - copper - lead - precious metals mineralization has previously been exposed at various points in Nicola Group (?) rocks on the claim group.

The following report, written to assess the potential of the property and outline an initial exploration program for it is based on a review of available reports and maps on the area, a visit to the property on June 20, 1971 in the company of Mr. Ash Cromwell, plus the writers previous experience gained while examining prospects and conducting exploration programs in the general region.

LOCATION AND ACCESS:

The Peachland Group lies 1 1/2 miles north of Peachland,

extending westward from approximately 1/4 mile west of Okanagan Lake. Access to the southeastern and eastern portions is possible by secondary roads from Highway 97. Coordinates are 49° 48' north, 119° 44' west.

Peachland, situated in the Okanagan Valley, lies approximately 275 miles by road from Vancouver. Equipment and supplies are available in Peachland or the larger settlement of Kelowna 15 miles to the northeast.

PHYSIOGRAPHY:

Topographic relief is moderate on the Peachland Group with elevations averaging 1700 feet above sea level.

Light timber, consisting of pine with spruce and fir, and underbrush occur throughout. Water will be available from Treadwell Creek in the northeast corner of the group but will be scarce within most of the property throughout much of the year.

PROPERTY:

The property consists of the following recorded mineral claims.

<u>Name</u>	<u>Claim</u>	<u>Record Number</u>
Robanna	15-18	27928 -27931
	19-22	27997 -28000
	23-24	28076 -28077
	29-35	28123 -28134
	35-39	28283 -28286

<u>Name</u>	<u>Claim</u>	<u>Record Number</u>
Kel	10-17	28151 - 28158
ZN	1-18	28745 - 28762

The writer has not conducted a title search of the above claims. While on the property, however, the staking of certain claims was checked and the workings were tied into the key claims. These were found to be staked in accordance with the regulations set forth in the Mineral Act for the Province of British Columbia.

HISTORY:

The Peachland Group reportedly covers the old Gladstone claim. Several old shafts and adits are believed to have been excavated in the late 1800's and early 1900's. B.C. Minister of Mines Annual Report for 1899 mentions the Gladstone claim and refers to 130 feet of tunnelling and a shaft 158 feet deep with crosscuts on the 100 and 150 foot levels. No description is given of the geology but this likely corresponds with the main adit described under geology in this report.

No exploration other than prospecting has been conducted on the claims by the company since its acquisition of them.

GEOLOGY:

Regional mapping at a scale of 1 inch = 4 miles by the Geological Survey of Canada is available for the area (Map 15 - 1961 Kettle River, West half).

Government mapping indicates that the eastern half of the group is underlain by Nicola Group volcanics and sediments of Triassic Age, and the western half by Tertiary volcanics and possibly sediments. The Nicola Group rocks have been mapped as greenstone, tuff, quartzite, limestone, argillite and schist. Here found within southwestern British Columbia these rocks are host to numerous base and precious metal deposits.

The writer investigated two areas on the property, the first in the vicinity of Rohanna #'s 15 & 16, the second on Rohanna #29.

On the southeast corner of Rohanna #16, which reportedly covers the old Gladstone claim, a series of old dumps from shafts and adits extends up the hill in a N 80° W direction. Most of the dump material consists of greenstone with lesser hornfelsed sediments and limestone. Minor disseminated pyrite and occasionally chalcopyrite commonly occurs in the greenstone.

The main working here consists of an adit trending N 65° W at the portal, with a branch to the south at 15 feet. At about 60 feet from the portal a winze has been sunk and stoping carried out to the surface. The total extent of these workings was not investigated by the writer. The stoped area follows a shear trending N 85° W/75 S strongly oxidized and varying up to 12 feet in width. Considerable strongly oxidized material occurs on the dump. This consists mainly of greenstone with some calcite and vein quartz with variable, and

sometimes massive, pyrite and sphalerite and minor chalcopyrite. Pyrite is fine granular to coarse cubes, sphalerite is of the dark black variety.

Approximately 150 feet north of this zone a shaft has been sunk in greenstone and siliceous tuff with minor vein quartz. Main shearing is N 15° W, dipping both east and west. Minor chalcopyrite and copper carbonates occurs along a N 15° W/65° E shear face.

Two select samples taken by the writer from the main dump, the first containing abundant pyrite and sphalerite, the second moderate pyrite with chalcopyrite, assayed as follows:

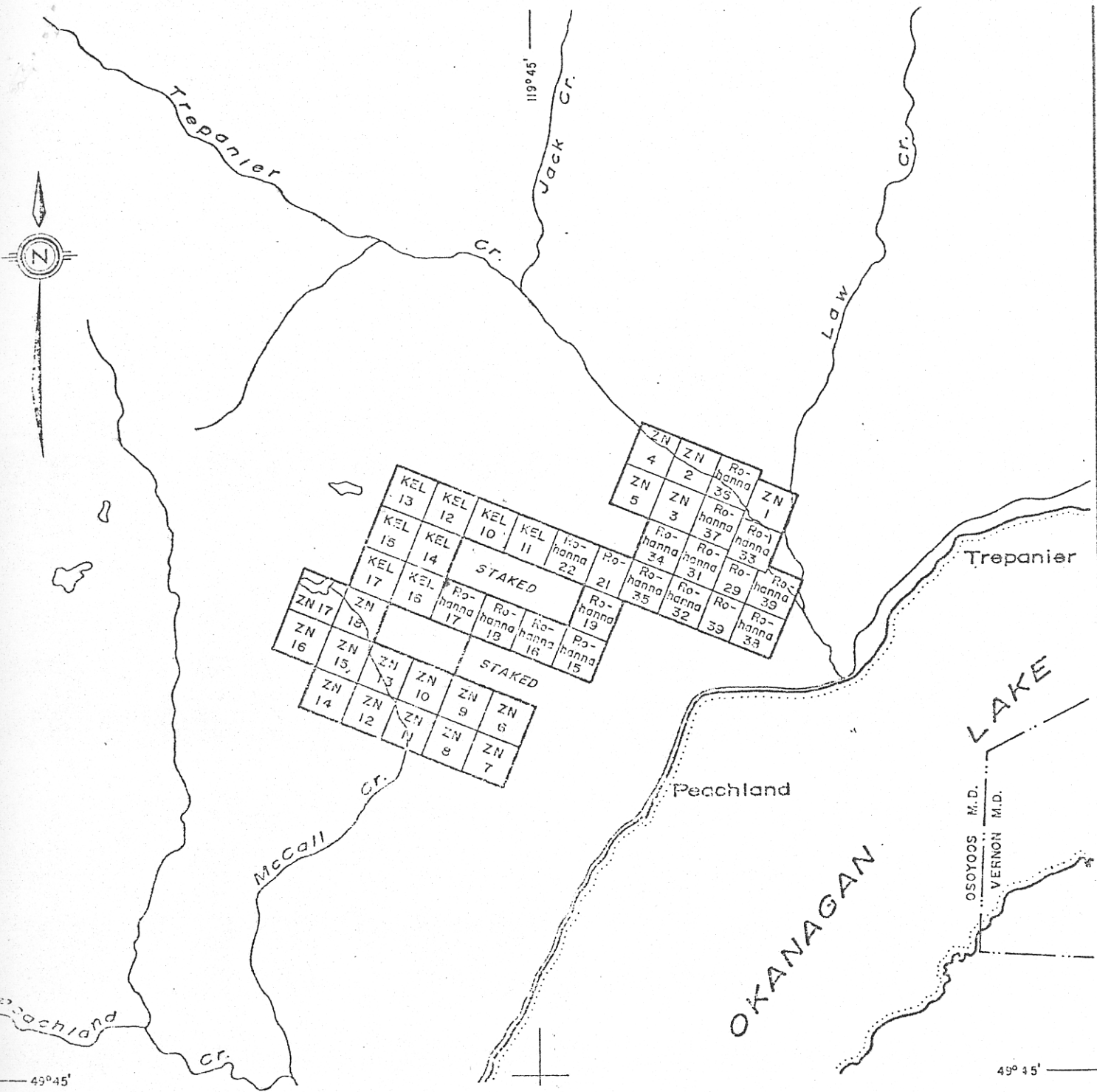
Cu (%)	Zn (%)	Pb (%)	Ag (oz/T)	Au (oz/T)
0.10	9.80	0.02	0.18	0.003
0.21	0.25	0.06	0.57	0.026

The second area investigated by the writer occurs at the eastern edge of Rohanna #29. Here, a small limestone outcrop (approximately 8 x 15 feet) occurs on the north side of Trepanier Creek. The limestone is medium to coarse crystalline, grey and white, and contains irregularly scattered chalcopyrite and sphalerite with lesser pyrite and galena. An old tunnel may have been driven on this but is now caved or filled. Four drill holes of unknown depth have been drilled into the limestone face. A selected sample assayed Cu - 0.72%, Zn - 4.90%, Pb - 2.24%, Ag - 4.22 oz/T, Au - 0.008 oz/T.

CONCLUSIONS:

Vega Mines Ltd. (NPL) holds a total of 43 mineral claims referred to as the Peachland Group in the Peachland area of British Columbia.

The group is underlain by Nicola Group volcanics and sediments, capped in part by younger volcanics. Although the younger rocks are unlikely to contain economic sulphide deposits, the Nicola Group rocks are favorable hosts for both base and precious metal deposits. Zinc - copper - lead - silver - gold mineralization had been explored in 2 areas approximately 1 mile apart by shafts and adits at some early date. Further work is necessary to determine the extent and grade of the known showings and explore for additional mineral occurrences.



VEGA MINES LTD. (NPL)
OSOYOOS MINING DIVISION, B.C.

LOCATION MAP OF
PEACHLAND
CLAIM GROUP

