## NATIVE EXPLORATIONS LTD.

## A PRELIMINARY REPORT ON THE ZYMOETZ CLAIM GROUT, TERRACE, Bo.

## INTRODUCTION:

The Zymoetz claim group is, at present, held under option by Native Explorations Ltd.. On the 19th day of June, I sampled the Lower and Disseminated Chalcopyrite Showings, and made a brief examination of the rest of the property.

The claims are located on a steep hillside, on the south side of the Zymoetz River (sometimes referred to as the Copper River) some 21 miles east of Terrace. Access from the town to the camp is by a good all weather gravel road, and from there up to the show m lings, approximately 600' vertically, by a road passable only by a four wheel drive vehicle.

Attention is drawn to the report on the property by D.D. Campbell, P. Eng., Consulting Geologist for Native Mines Itd.。

## GEOLOGY:

The Zymoetz group is underlain by Hazelton group voleanics locally intruded by stocks of granodiorite which are evident on the lower elevations of the mountainside. Above this intrusive is a band about 100 feet in width of "intensely potash feldspathized aphanitic and fragmental" andesitic volcanic rocks. The Lower Showings are located here, mineralization, of fine disseminated chalcopyrite, malachite and minor bornite and chalcocite, extending for some 400 feet along the hillside.

Above the volcanics is a massive uniform band, 300 feet in thickness, of felspar porphyry, and above this, volcanics similar to those below the porphyry.

Disseminated chalcopyrite in these upper voleanics is evident in an outcropping bluff. but extent of this is not known.

Further to the east, at the same elevation, on the east side of Kelly Creek more mineralization of chalcopyrite is evident. (Upper Showings) but exposure is poor.

Some 1,000 feet beyond the Upper Showings to the east, and along
the general direction of strike, copper staining is reported in a slide, but this was not examined.

The volcanics and porphory extend along the hillside, striking north west-south east, and dipping southerly into the hillside.

SAMPLING:
Ten samples were cut in the five trenches on the Lower Showings. The trenches are aligned across the strike of the mineralized zone, but do not all extend completely across the mineralized zone. Fig. 1.

As the trenches were not completely clean, close chip sampling of the bedrock was carried out rather than cutting channel samples. However, it is felt that the samples are representative.

Assays were as follows:-

|  | Length | 8 Cu |  |
| :---: | :---: | :---: | :---: |
| Trench No. 1 | 22 ? | 0.58 |  |
| Trench No. 2 | 0-60' | 0.54 |  |
| Trench No. 2 | 60:-96' | 0.46 |  |
| Trench No. 2 | 96'-138: | 0.13 |  |
| Trench No. 3 | 0-16 | 0.46 |  |
| Trench No. 3 | $16^{\prime}-34^{\prime}$ | 1.30 |  |
| Trench No. 4 | 0.-25 ${ }^{\circ}$ | 0.33 |  |
| Trench No. 4 | 25-50' | 0.27 |  |
| Trench No. 5 | 1-10' | 0.13 | Trenching not |
| Trench No. 5 | 36 - 411 | 0.57 | completed. |

This gives an average grade of 0.45 \% Cu. for a length of 2901 and average width of $56^{\prime}$, or 1,620 tons/vertical foot.

A spot sample was also taken on the Disseminated Chalcopyrite Showing which gave $0.21 \% \mathrm{Cu}$, over an area $70^{\prime} \times 30^{\prime}$ 。

## CONCLUSIONS AND RECOMMENDATIONS:

The sampling of the Lower Showings does not confirm the reported $1.10 \% \mathrm{Cu}$. assay obtained over 110', albhough this latter was obtained by sampling along the strike.

The average width of $56^{\circ}$ is a mean calculated from trench lengths, and not meant as an average width for the mineralized zone.

The extent of the mineralization is, as yet, unknown, but three geochemical anomalies seem to indicate that it is more extensive than at present revealed by the outcrops. An I.P. survey now in
progress may help to delineate these anomalies.
A diamond drill was moved onto the property on the 20th of June. The first hole to be drilled below the Lower Showings, should intersect the granodiorite, voleanics and porphory and give some better indication as to thickness and grade of the mineralized band.

Until more information is available of both the drill results and I. $P_{\text {o survey }}$ it is recommended that no further action be taken.

June 28, 1966
Respectfully submitted

I. A.C. Turn bull.


## NATIVE Mines LIMITED

 for the information of shareholdersTERRACE 20 mives


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缃々 Herphy ©rrtify that the following are the results of assays made by us upon submitted

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/jp
Gold calculated at \$
-per ounce
Note. Rejects retained one week
Pulps retained one month.
Pulps retained one month. Pulps and rejects may be stored for
one year by special arrangement.
? Unless it is specifically stated otherwise, gold and 4 silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.

2: ff pros
$2 \pi, \frac{1}{6} / 66$
Coast Eldridgo called with the foceruving information re samples.

m

$$
\frac{29 \times 56}{10} \times 1620 \text { fons/verticl }+\frac{\text { fors }}{10} 4
$$

no funtu cotion.

