


```
    tnllnrime ie n gennpt rn the worle merrormed on this
mlrim mroun.
CTMS
    The ronfmr inclioreri in twic rroun are numhered:-
F.5204?. 52042, 52044, 52245, 52272, 52877,
I.52687, 52682, 52682, 52684, 53685, 53686,
\.52687, 53688. 53689: 52729, 53730, 53732,
P.52723, 527,4, 52929: 52940, 53943, 54569,
F.54579,54580, 54587:546.37,54632,54+6.33,
v.54624,54625,54,559:
    These nl=fmo adinin the common Joveland-fyers Twp.
hrumrinry line hetween 7.3 mj]es and zl miles north of the south
trorncil: bnunriery.
OWLSSITF
```

'MESPI MINES LIMITED
SUITE 1705-80 RICHMOND ST. W. JORONTO 1, ONTARIO

```
ACOESS
    Bnomart cocess is by rircraft to Loveland Lake, located on
the reatrot ront mmbin ry of the rour.
STP:NT. WOF,
    me rlmmor rorim wo corpifer out hy emnlovees of lesni Mires
```



```
inotrments yred, sercitivitv; miles of line cut, number of stations
ectmrpictor ame nopmenmel emniover sre shown on the assessment
```



```
    Whref m'ons on a ccole of 200 ft. to an inch are sttached
nameri+r.
PGNTOUS DORK
    Anme varge amon mor, rmarie ninl-el ore flont vos found on the
    rromm\mp@code{now coveren ry r.nim P.53734. This led to considerarte}
    evnlowntinn wric in the immecinte fres hut the solurce of the flopt
was rot iomoteq.
```

in nevin nontromonetic survey, carried out in 1963 for r. T. I. Tana, anvers this =rep. This survey showed several? weak oncuntars in the oren hovered ty this claim noun.

wee prov ran mir with the Crone instrument used incline ot on n ft, roil soncin with refines taken at 100 ft . intervals on liner ot 200 ft . enc 400 ft . intervals. A smell? mount of detail was come with 7 no ft. lire smocire.

The manetometer garvey was carried out with readings ot 100 ft. intervale or line +400 ft . spacing. A very limited amount of work. wa cine at on n ft. Tine enaciro.

The magnetometer survey outlined two north-south trending dinhre rites. Other than the diabase, two magnetic anomalies were nitinen. The first of these extends for some 1600 ft . with a north-south strike and has a width of about 600 ft . This anomaly occurs on minima P. 52571, 53687 and 54631 between the two diabase rives. thenar very rice to the erst contact of the west diabase dive. It is in on oren covered thy overburden. A very weak EM. concurtnr is inrimater on line 24.8. at the southern end of the cuter former ne the noetic anomaly. A closely detailed EM. survey might indicate nne or a series of short EM. conductors sesoriated with this magnetic anomaly.

That crone manetir anomaly occurs on claim P.536383. It hoc en nortr-snuth strike tench of 1200 ft . and $\rightarrow$ width of 300 ft . and occurs in a 1 ow muser oren, just west of a narrow bend of iron formation. No $\mathrm{F}_{\mathrm{M}}$. conductor woes located in conjunction with this Anomaly. A short weak me conductor occurs a short distance west of the macnetic anomaly. It is associated with some minerelized ni? ? M ? - vo.
short. very weak EM. conductor occurs on claim P. 53243 inst eat nf the hare line and a short distance east of the west ijarnce dike. $n$ o mometic anomaly is associated with this oonribetor. It occurs in low round.
other than the hove, no anomalies or conductors of interest were looted on thin atom erour.

SEOLO:ICI SUR ET
This survey covers the area over which the geophysical survey wo married out.

Outruns are scare on the claim crown and are limited nrimoinally to scattered outcross of the two diabase dikes and some ranitic outcross adjacent to the dibs in the northern notion of the minim round.

The rinse is a tropical fine to medium grained quartz diohose. The dives trend in a northerly direction. The western dike contains varying amounts of finely disseminated pyrite. The en tern dire contains very little fine pyrite. The eastern diabase
ire sonic northern nortion of the western dike intersect tyninal red crinite. indecite lies to the west of the southern and central notion of the western diabase dike. Much of the andesite shows remnant of nil lows. In the northern portion, granitic filling comers on $r$ number of joints and fractures in the andesite, with concirerorte metamorphism and a rneissic apnearonce in some portions.

Two narrow outcross of iron formation occur in the southWestern notion of claim P.53683. A strong magnetic anomaly occurs in the 1 ow round between these two areas of outcrop. This could he due to tropic nous of ourrtz diorite since some outcross in the anmonyimate area of the anomaly. The billow lava adjoining the iron formation on the south boundary of claim P. 53683 is well mineralize r with nyrrhotite and norite. This is the only strong mimermigation seen on the claim group.

COLCIUSIOL
The mornetir anomaly: with nossible short EM. conductor zones, occuring on noma P .53571 .53687 and 54631 lies in the denrescion between the diabase dikes and to the north of the float. There is n noscihility that this anomaly could be the source of the nickel-correr float.

The anomaly on Claim P. 53683; with some good sulphide minormization nearby is worth further investication.

Additional detailed survey work in the area of the conductor on claim P. 5.3243 should be considered.

Respectfully submitted,

I. K. Lytle, P.Eng.

6 Enc 7.
/Tr].




