APPARENT RESISTIVITY (ρ_{a}^{ohm})

IN UNITS OF OHM FEET
CONTOUR INTERVAL LOGARITHMIC
SENDER FREQUENCY 3·0 C.P.S.

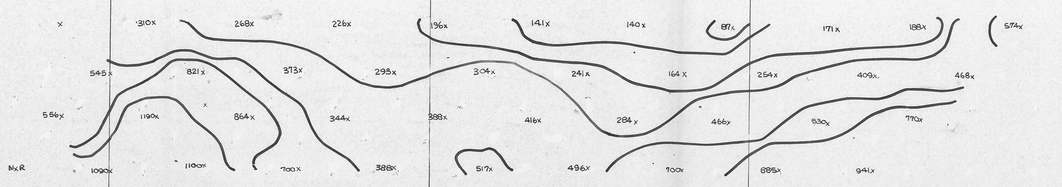
INTERVAL BETWEEN SENDER & RECEIVER DIPOLES

1
2
3
4

RELATIVE ANOMALY STRENGTH

VERY WEAK · WEAK · MODERATE · STRONG

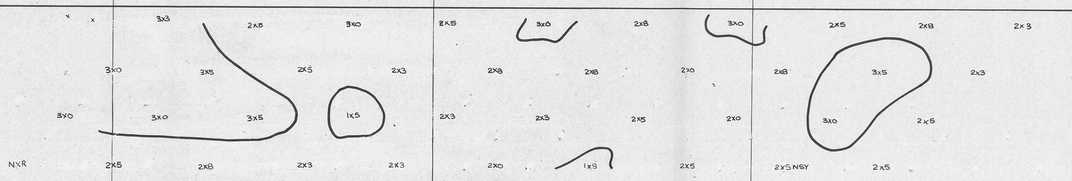
300' DIPOLE I.P. SPREADS



PERCENT FREQUENCY EFFECT (P.F.E.)

CONTOUR INTERVAL CONSTANT
SENDER FREQUENCIES 3·0 & 0·1 C.P.S.

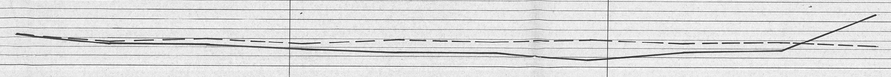
1
2
3
4



INDUCED POLARISATION PROFILES

RESIS. ——
P.F.E. — —

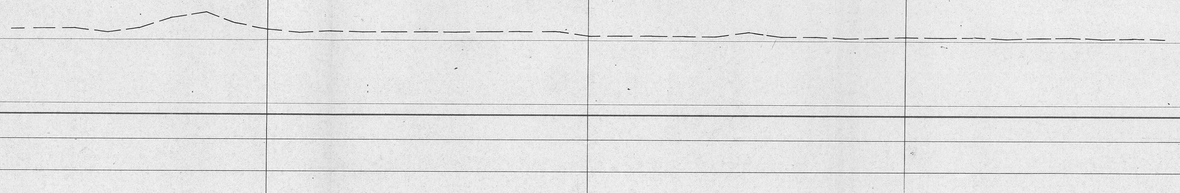
	RESIS.	P.F.E.
N-1	1000	10
	500	5
	0	0
N-1	1000	10
	500	5
	0	0



SELF POTENTIAL AND MAGNETIC PROFILES

S.P. ——
Mag — —

S.P.(mV)	Mag (γ)
	+1,000
	0
	+1,000

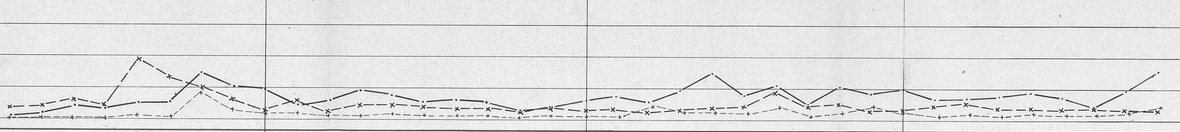


SOIL GEOCHEMICAL PROFILES

Cu ·——·
Pb ×——×
Zn +– – –+

P.P.M.

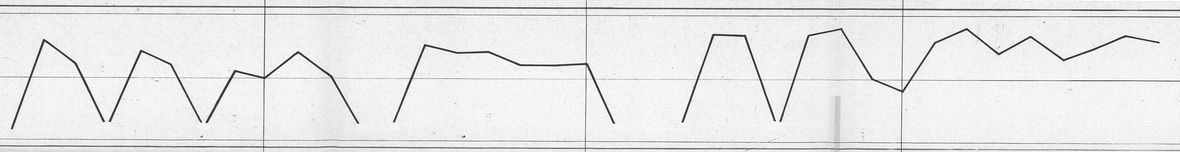
1,000
800
600
400
200
0



DEPTH TO TOP OF "C" HORIZON

DEPTH IN FEET

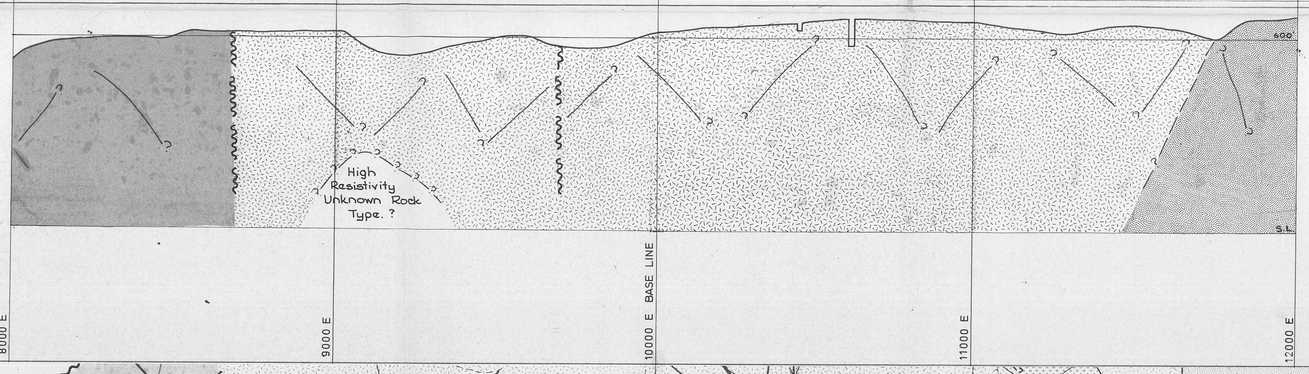
0
5
10



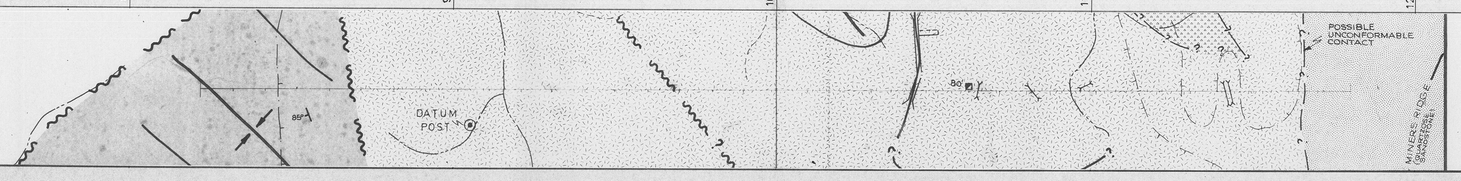
GEOLOGICAL CROSS SECTION

Recent — Alluvium
Silurian — Eldon Group. Sandstones Mudstones
Ordovician. — Gordon Limestone
Jukes Conglomerate
Dundas group Sediments
Cambrian — Acid Volcanics
Acid Tuffs
Intermediate Crystal Tuffs
Andesites
Gossanous Zone
Quartz Scree.

——— Geological Contact Mapped
– – – Geological Contact Inferred.
—?–?— Geological Contact Unknown
?———? Trend Lines Inferred.
~~~ Fault.



GEOLOGICAL PLAN



200 0 200 400
SCALE IN FEET

5 cm

771109 72-858

CYPRUS MINES CORPORATION

SCALE 1" = 200'	AREA EL. 47/70 TASMANIA	DRAWN: R.E.M.
DATE: MARCH 1972	PROSPECT: LYNCH CREEK	REVISED:

GEOLOGICAL CROSS SECTION & GEOPHYSICAL & GEOCHEMICAL PROFILES

SECTION 13000 TN

DRAWING NUMBER 30-040
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