APPARENT RESISTIVITY ($\rho_{\frac{AS}{MN}}$)

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

241x 312x 263x 386x 275x 196x 305x 177x
444x 390x 315x 438x 306x 341x 286x 215x
495x 644x 325x 421x 469x 282x 414x
685x 960x 346x 425x 381x 470x

PERCENT FREQUENCY EFFECT (P.F.E.)

CONTOUR INTERVAL CONSTANT
SENDER FREQUENCIES 3.0 & 0.1 C.P.S.

1
2
3
4

2x8 2x5 1x5 2x3 2x8 3x0 2x7 2x8
2x6 1x8 1x5 2x0 2x8 2x3 3x0 3x5
1x8 1x0 2x0 2x8 1x8 2x3 3x0
1x3 0x3 1x3 0x8 2x3 2x3

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

2030

SOIL GEOCHEMICAL PROFILES

Cu ·——·
Pb x— —x
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
Cambrian — Dundas group Sediments
Acid Volcanics
Acid Tuffs
Intermediate Crystal Tuffs
Andesites
Gossanous Zone
Quartz Scree.
Geolocical Contact Mapped
Geological Contact Interred.
Geological Contact Unknown
Trend Lines Interred.
Fault.

600'
S.L.
8000 E
9000 E
10000 E BASE LINE
11000 E
12000 E

GEOLOGICAL PLAN

MUNICIPAL TIP
CAR BODY DUMP
8000E
E.L.
MT. LYELL
15,500 TN

771102

300' DIPOLE I.P. SPREADS

72-858

5 cm

200 0 200 400
SCALE IN FEET

CYPRUS MINES CORPORATION

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

GEOLOGICAL CROSS SECTION & GEOPHYSICAL & GEOCHEMICAL PROFILES — 2636

SECTION 15500 TN — DRAWING NUMBER 30-033