505 400 505 600 505 800 506 000 506 200 506 400 506 600 506 800

147° 05'

CURRENT ELECTRODE
~200M NORTH

5218 600 5218 400 5218 200 5218 000 5217 800 5217 600 5217 400 5217 200 5217 000

5000 N

6300

6200

6100

6000

5900

5800

5700

5600

5500

5400

5300

5200

5100

E E D D E

B B B

A A A A A A A

F

C

DIPOLE - DIPOLE IP LINE 5800N

>~30mS

POSITION UNCERTAIN

>~30mS

>~30mS

50mS

DEEP OR SPURIOUS

5000 N

505 400 505 600 505 800 506 000 506 200 506 400 506 600 506 800

147° 05'

LEGEND

- Strongly polarisable zone in gradient array survey: sulphidic-carbonaceous sediments ± sulphidic alteration.
- Moderately polarisable zone in gradient array survey: sulphidic-carbonaceous sediments ± sulphidic alteration.
- Weakly polarisable zone in gradient array survey: weakly sulphidic-carbonaceous sediments ± sulphidic alteration.
- High background polarization zone in gradient array survey: weakly sulphidic-carbonaceous sediments or syenite ± sulphidic alteration.
- Low background polarization zone in gradient array survey: predominantly syenite near surface?
- Localized, strongly anomalous (high or low) chargeabilities in gradient array data. Probably cultural response or dubious readings.
- 35 — Strong polarization/chargeability anomaly in dipole-dipole IP data. Interpreted sub-crop position. Numbers show chargeability strength.
- Moderate polarization/chargeability anomaly in dipole-dipole IP data. Interpreted sub-crop position. Numbers show chargeability strength.
- Dubious, deep(?) polarization/chargeability anomaly in dipole-dipole IP data.
- Major shear zone inferred from I.P. data.
- Inferred major fault.
- Inferred secondary fault
- High — Contact inferred from IP data. Tick indicated higher chargeabilities.
- Possible localized zone of strong fracturing ± alteration.
- Gradient array readings positions.
- Dipole-dipole array readings positions.
- Trend
- Gradient array electrode positions. Approximate only.
- A B — Identifiers for chargeability anomalies from Nigel Hungerford's 2004 interpretation.

N

100 0 100 200 300

SCALE 1:5000

DATUM: AGD84
ELLIPSOID: AUSTRALIAN NATIONAL
GRID: AMG ZONE 55S

SOUTHERN GEOSCIENCE CONSULTANTS PTY. LTD.
A.C.N. 067 552 461

MAIDEN MEADOWS PASTORAL PTY. LTD.
CYGNET PROJECT
LANGDON'S HILL PROSPECT
GRADIENT ARRAY IP SURVEY
INTERPRETATION PLAN

SCALE: 1:5000	B. CRAVEN
DATE: 28-10-2005	FIGURE:
GIS: J.A.S.	PLOT: LangdonsHill_IP_5k.plm