

APPENDIX IV: GEOTHERMAL GRADIENT

Temperature data from electric logging runs at East Mereenie 37 enabled an extrapolated BHT of 65.8°C to be calculated. A geothermal gradient of 2.86°C per 100m was calculated using this BHT and assuming a surface temperature of 20°C.

ASSUMED SURFACE TEMPERATURE
= 20°C

EXPLORATION/DEVELOPMENT

Santos

QLD/NT
BUSINESS
UNIT

**EAST
MEREENIE 37
GEOTHERMAL
GRADIENT**

2.86°C / 100m

Interpretation :
A.J. BEECH

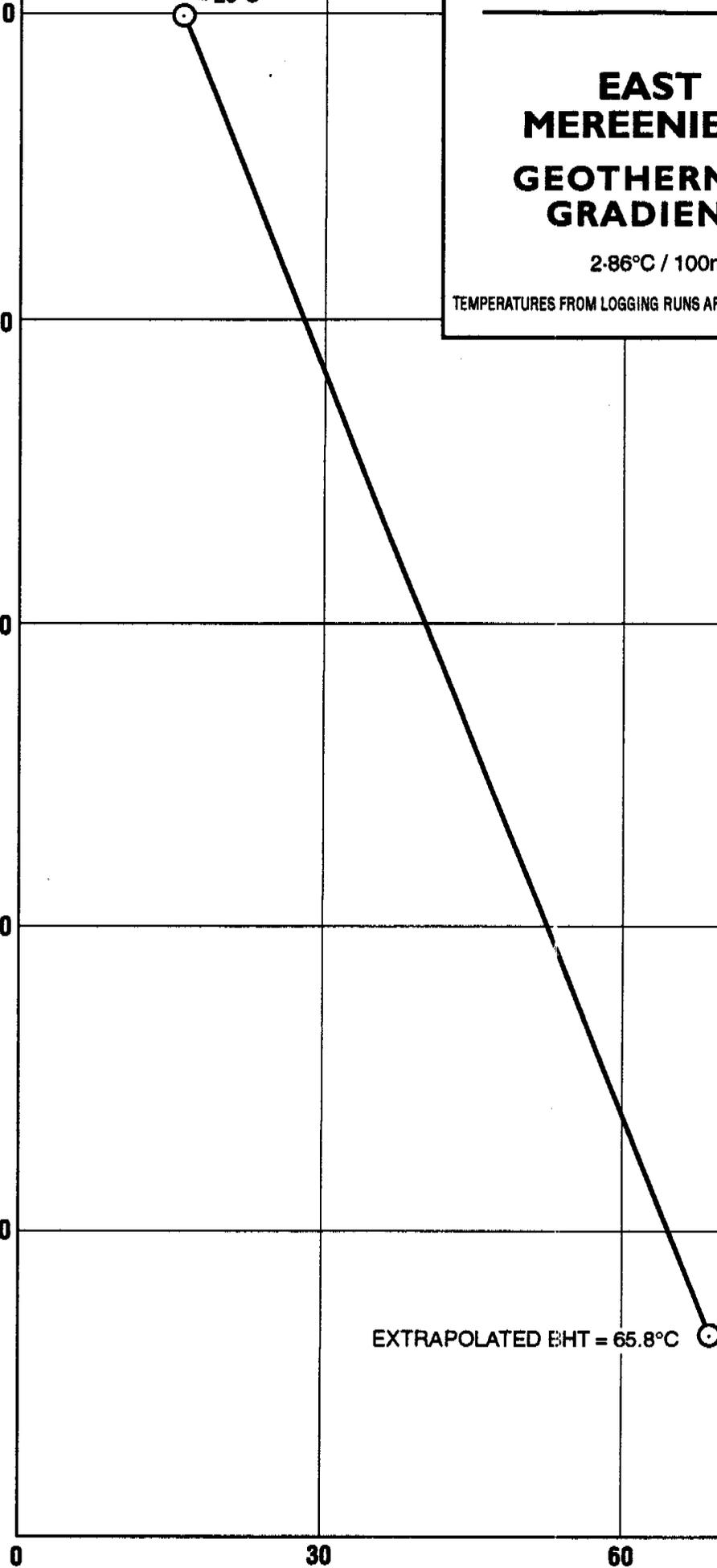
Drafted :
R.M. PANAIT

Date :
AUG 1995

TEMPERATURES FROM LOGGING RUNS ARE EXTRAPOLATED

APPENDIX **IV**

DEPTH (K.B., METRES, LOGGER)



EXTRAPOLATED EHT = 65.8°C

EXPLORATION/DEVELOPMENT

Santos

**EXTRAPOLATION
TO DETERMINE
STATIC BHT**

QLD/NT
BUSINESS
UNIT

**EAST
MEREENIE 37**

Interpretation :
A.J. BEECH

Drafted :
R.M. PANAIT

Date :
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EXTRAPOLATED BHT = 65.8°C at 1600 M

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