

**REPORT ON DHEM SURVEYS**

**BURNS PEAK**

**(E.L. 44 /88)**

**DDH'S BPD67-70**

**02\_4808**

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**MITRE GEOPHYSICS PTY LTD**

MINERAL EXPLORATION AND ENGINEERING CONSULTANTS

BUGGS LANE ELLIOTT TASMANIA 7325 PHONE 004-363143

**REPORT ON DHEM SURVEYS, BURNS PEAK (E.L. 44/88),****DDH'S BPD67-70.**

for

Pasminco Exploration, Tasmania

**SURVEY DETAILS**

DHEM surveys were carried out down DDH's BPD67, BPD68, BPD69 and BPD70 in November, 1990. The work was carried out by McSkimming Geophysics using a Mk2 Sirotem. Both early- and standard-time measurements were made, at 10m intervals down the holes. Two loops were used for each hole: one maximally and the other minimally coupled. The loop locations are given in Figures 1a & 1b. The results were plotted logarithmically by the contractor and copies are included in this report (Figures 2, 3, 4 & 5). To verify that the equipment was working properly, a survey was also carried out down the Que River hole QR1060A. This work was done using Tx loop 7, with standard times at a 20m reading interval (Figure 6). (The loop numbers for holes BPD69 & BPD70 have all been increased by 2 since MkSkimming's survey. The figures have been changed for this report, but not the digital records.)

**INTERPRETATION**

To assist the interpretation, cross-sections of the EM field patterns have been produced for the four holes (Figures 7-10). (The positions of the proposed loops were used for these calculations, which in some cases vary slightly from the actual positions) The results were generally disappointing, however an off-hole source is indicated in one hole and repeat surveying is required down another. A summary of the results is given in Table 1.

**BPD67**

Despite the successful testing of the equipment at Que River, the results from both loops are suspect for this hole and resurveying



is recommended. A very persistent (in-hole) response was recorded near 50m from the maximally coupled loop 67/1. This section of the hole contained minor disseminated pyrite, but insufficient to produce the strong, local response shown on Figure 2a. The results from loop 67/2 (Figure 2b) show no sign of the strong self-response expected in this area (or of the shallow 'anomaly' seen in 67/1) and the shallow section of the hole shows the wrong (ie, unexpected) sign (compare with the results from the other three holes). Although these results are suspect, it is worth mentioning that a subtle concave character can be seen in some early channels from 67/1 with a corresponding convex character in 67/2. These may suggest a distant conductor (possibly the overlying Chester pyrite deposit) and should be looked for in the repeat work.

#### BPD68

This hole was drilled near to the S.W. Chester workings. Very high positive and negative values were recorded near the top of the hole from loops 68/1 and 68/2 respectively. These are attributed to self-response of the probe and possibly to conductive surface conditions. A very subtle convexity can be seen in some intermediate time channels from 68/2 below 200m. If due to an off-hole conductor, this is interpreted to be due to a surficial source lying outside of the 68/2 loop edges and thus of no interest.

#### BPD69

A possible response was recorded in this hole from the maximally coupled loop (#17), centred at 360m. Removal of best fitting straight line background responses to channels 6-14 between 250m and 410m produces the result shown in Figure 11. Modelling of this anomaly (Figure 12) indicates an off-hole source, probably above the hole. The model is not a very good fit to the data, but does show similar characteristics. The ratios of positive to negative response are different and these are highly dependent upon the removed 'regional' and it is quite possible that an overly simple approach has been used here. This ratio also varies with dip and although a less well fitting model is obtained from a westerly dip, it seems likely that the source is close to, if not coincident with, the steeply west dipping tuff-porphyry contact logged at 403m down the hole. BPD69 intersected broken ground here and the anomaly may be due to a high porosity zone along the contact. The model conductance of 200S is high for such a source, however no great effort has been made to match amplitudes and decay rates. Similarly the model plate dimensions of 100m (long) x 50m (deep) are not definitive.

If, despite the above, this response is considered to be of potential interest, a more thorough interpretation is required and resurveying with differently placed loops is recommended to help position the source. A DHMMR survey would determine



unambiguously whether the source was above or below the hole.

#### BPD70

No anomalies were recorded down this hole and the profiles, with the exception of excess noise around 200m from loop 20, are as expected.

#### QR1060A

This hole has been surveyed many times by Aberfoyle Resources to check DHEM equipment. It is a deep hole (1250m+) and has a subtle response at around 950m (Silic and Eadie, 1989)\*. McSkimming's equipment for this survey was limited to around 1000m, but the results show very good agreement with a previous Sirotem (standard time) survey by the same company which extended down to 1260m (Figure 13) and thus the survey verified that the equipment was functioning correctly at the commencement of the Burns Peak contract.

#### RECOMMENDATIONS

It is recommended that BPD67 be repeated using both loops.

If the region near the tuff/porphyry contact at the bottom of BPD69 has any potential on other, independent criteria, it is recommended that the results from loop 17 be more thoroughly interpreted and that the hole be resurveyed from another set of loops to better define its position.

J.R. Bishop  
Jan., 1991.

PET/MG91/03

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\* Silic, J. and Eadie, E.T., 1989. DHEM: the Que-Hellyer volcanics experience. Explor. Geophysics, 20, 65-69.



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Table 1

## BURNS PEAK DHEM SURVEY DETAILS

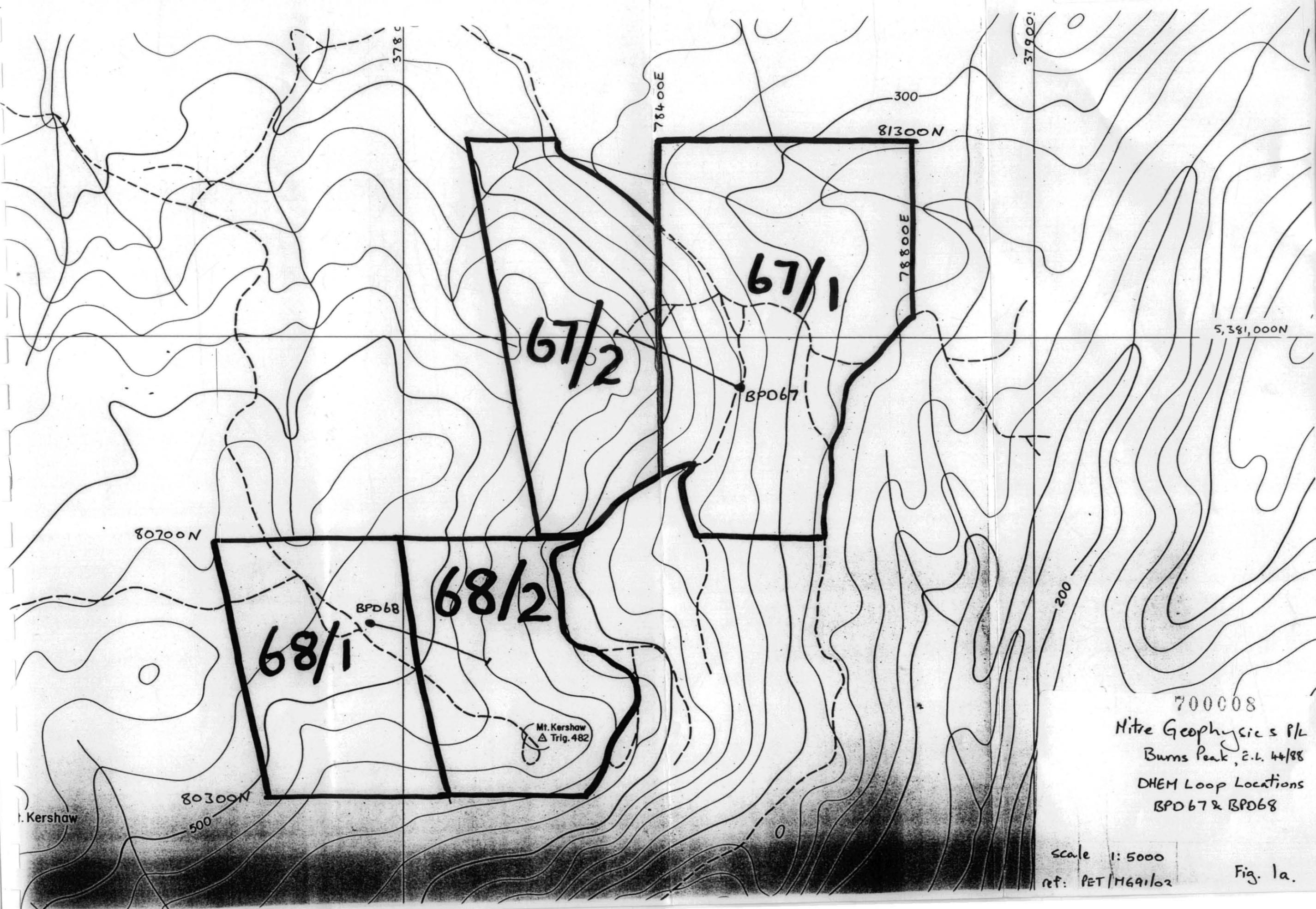
Contractor: McSkimming Geophysics

Equipment: Sirotem Mk 2 (ET & ST)

Date: Nov., 1990.

Hole	EOH/Survey depth	Survey loops	Result
BPD67	464/450	67/1 & 67/2	Suspect data: to be resurveyed
BPD68	474/470	68/1 & 68/2	-
BPD69	421/410	17 & 18	Probable off-hole response at tuff- porphyry contact.
BPD70	497/490	19 & 20	-
QR1060A	1250+/1010	#7	Surveyed to check equipment.

5 cm



700008  
 Nitre Geophysics P/L  
 Burns Peak, E.L. 44/88  
 DHEM Loop Locations  
 BPD67 & BPD68

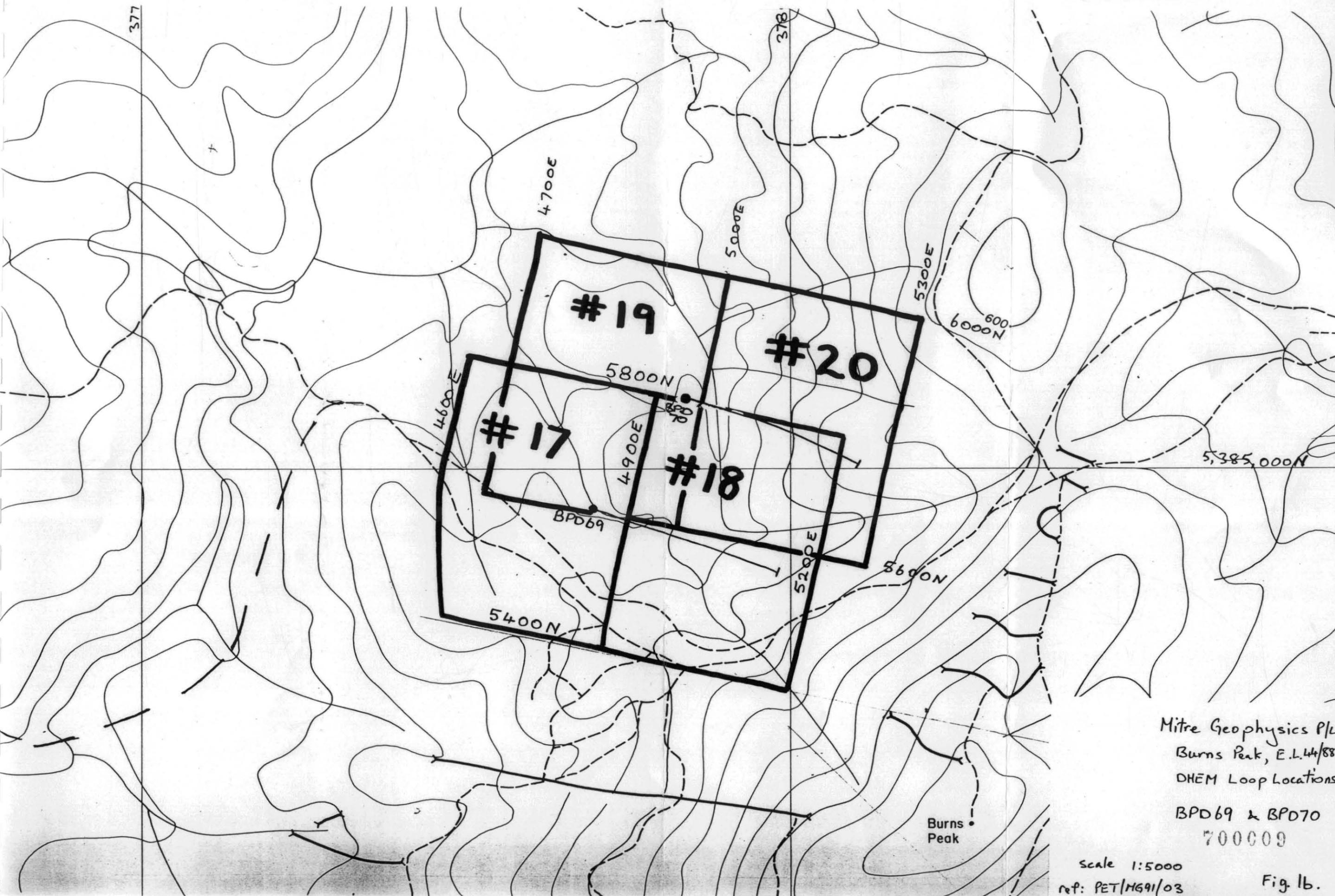
Scale 1:5000  
 ref: PET/MG91/02

Fig. 1a.

5 cm

377

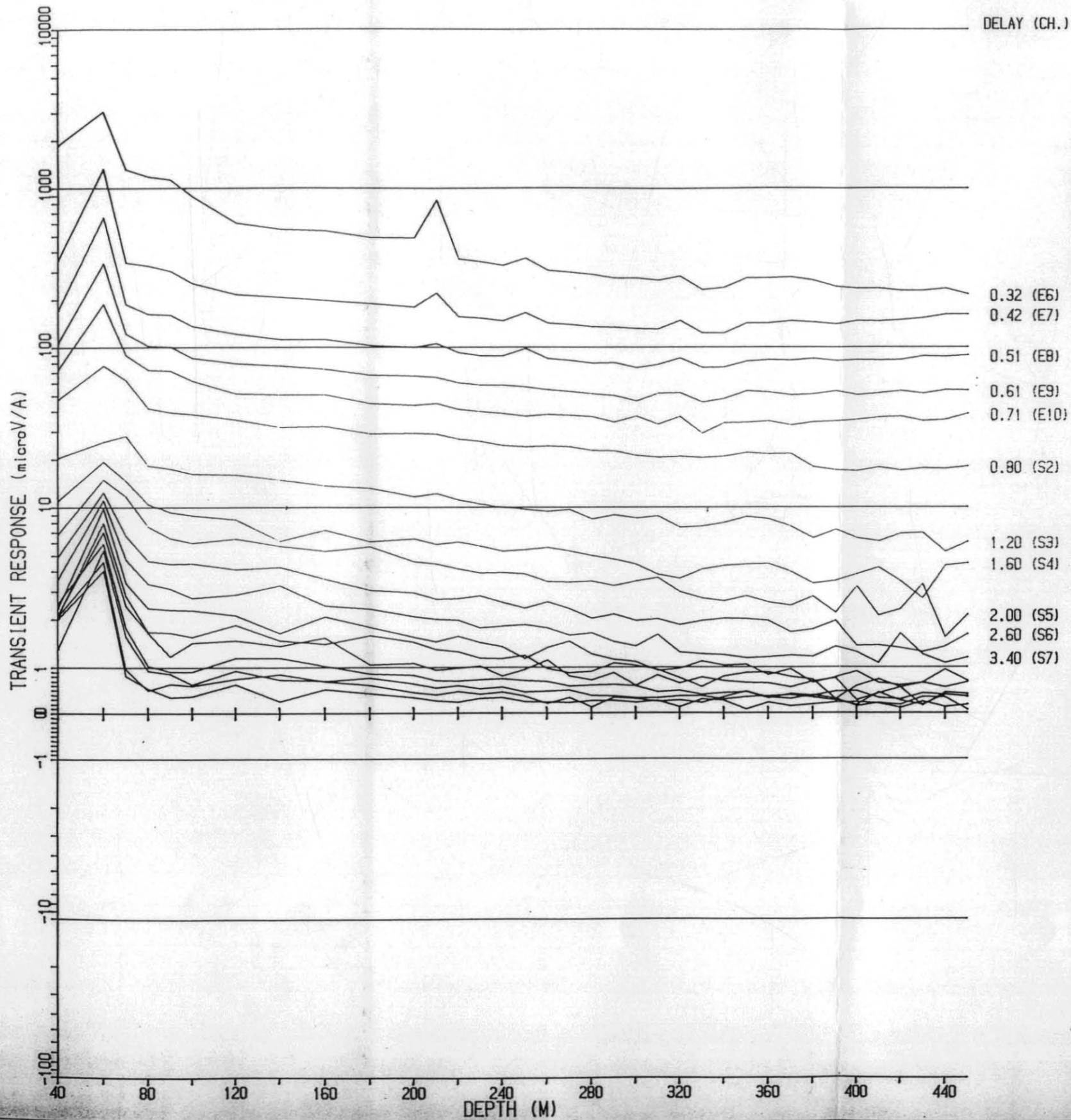
378



Mitre Geophysics P/L  
 Burns Peak, E.L.44/88  
 DHEM Loop Locations  
 BPD69 & BPD70  
 700009

Scale 1:5000  
 ref: PET/MG91/03

Fig. 1b.



SURVEY SPECIFICATIONS

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 450M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 5.2 AMPS  
 OPERATOR : P McSKIMMING

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

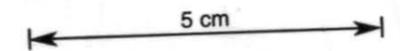
PASMINCO

TASMANIA  
 BURNS PEAK

SIROTEM PROFILE  
 BPD67 LOOP 1

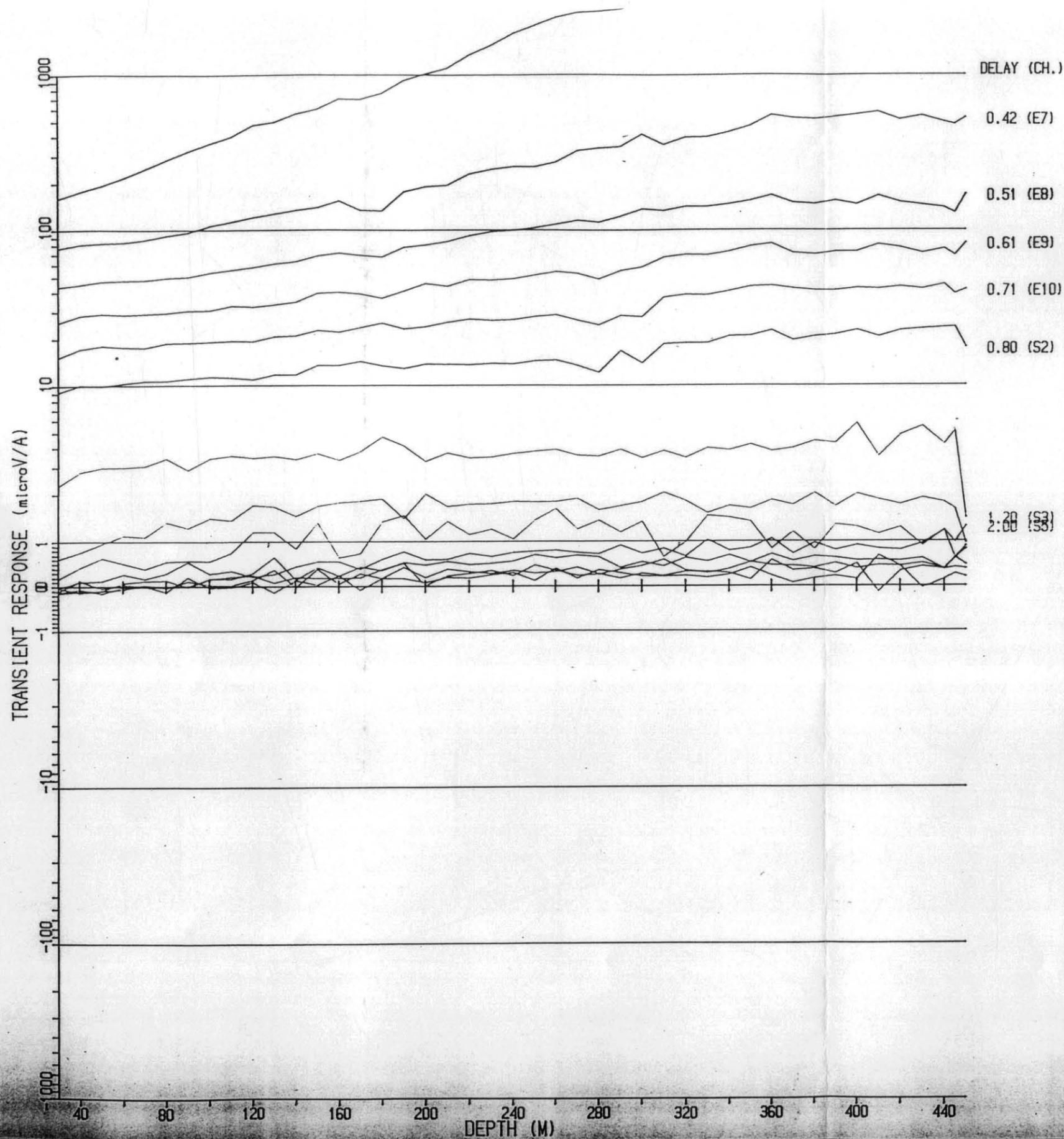
SCALE - 1:2000 | ref: PET/MG91/03

700010



BPD67/1

Fig 2 a.



### SURVEY SPECIFICATIONS

DATA ACQUISITION : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 550M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 7.8 AMPS  
 OPERATOR : P McSKIMMING

### PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

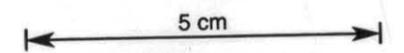
PASMINCO

TASMANIA  
 BURNS PEAK

SIROTEM PROFILE  
 BPD67 LOOP 2

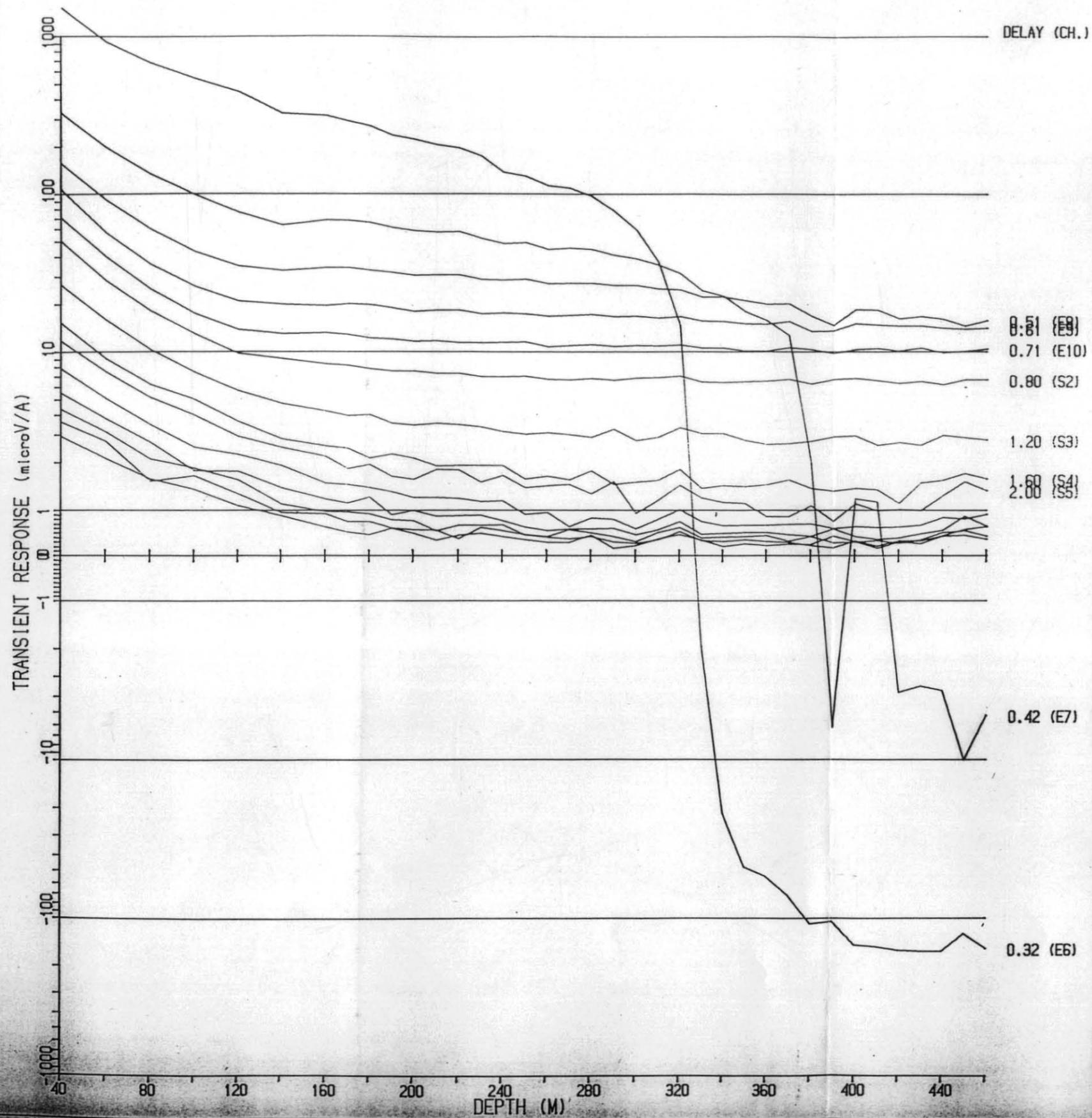
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700011



BPO67/2

Fig. 2b.



**SURVEY SPECIFICATIONS**

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 400M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 7.6 AMPS  
 OPERATOR : P McSKIMMING

**PLOT SPECIFICATIONS**

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

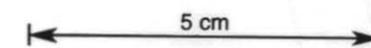
TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

PASMINCO

TASMANIA  
 BURNS PEAK  
 SIROTEM PROFILE  
 BPD68 LOOP 1

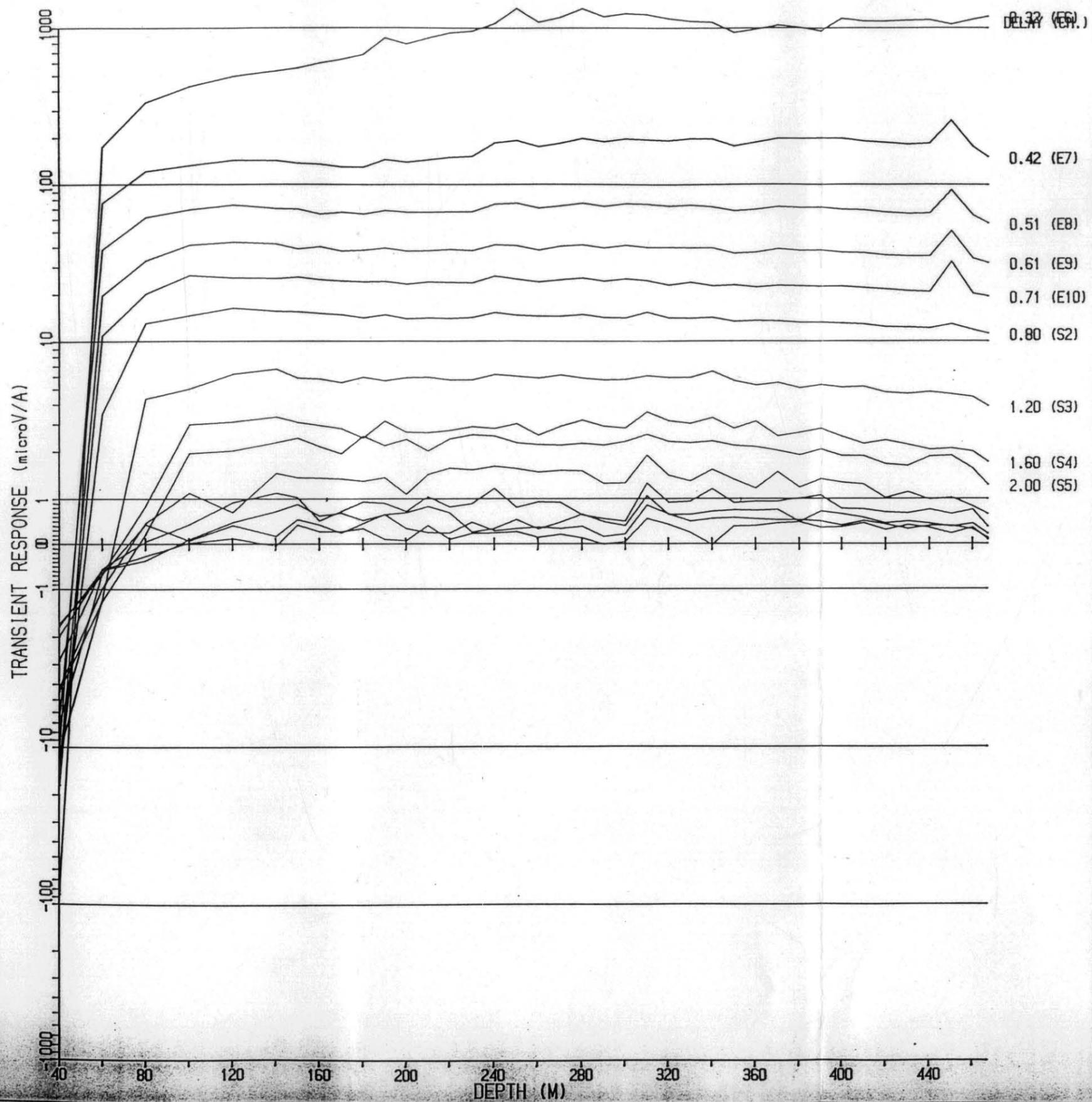
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700012



BPD68/1

Fig. 3a.



**SURVEY SPECIFICATIONS**

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 400M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY

READING INT. : 20 METRES  
 NO. OF STACKS : 2048  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 7.2 AMPS  
 OPERATOR : P McSKIMMING

**PLOT SPECIFICATIONS**

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

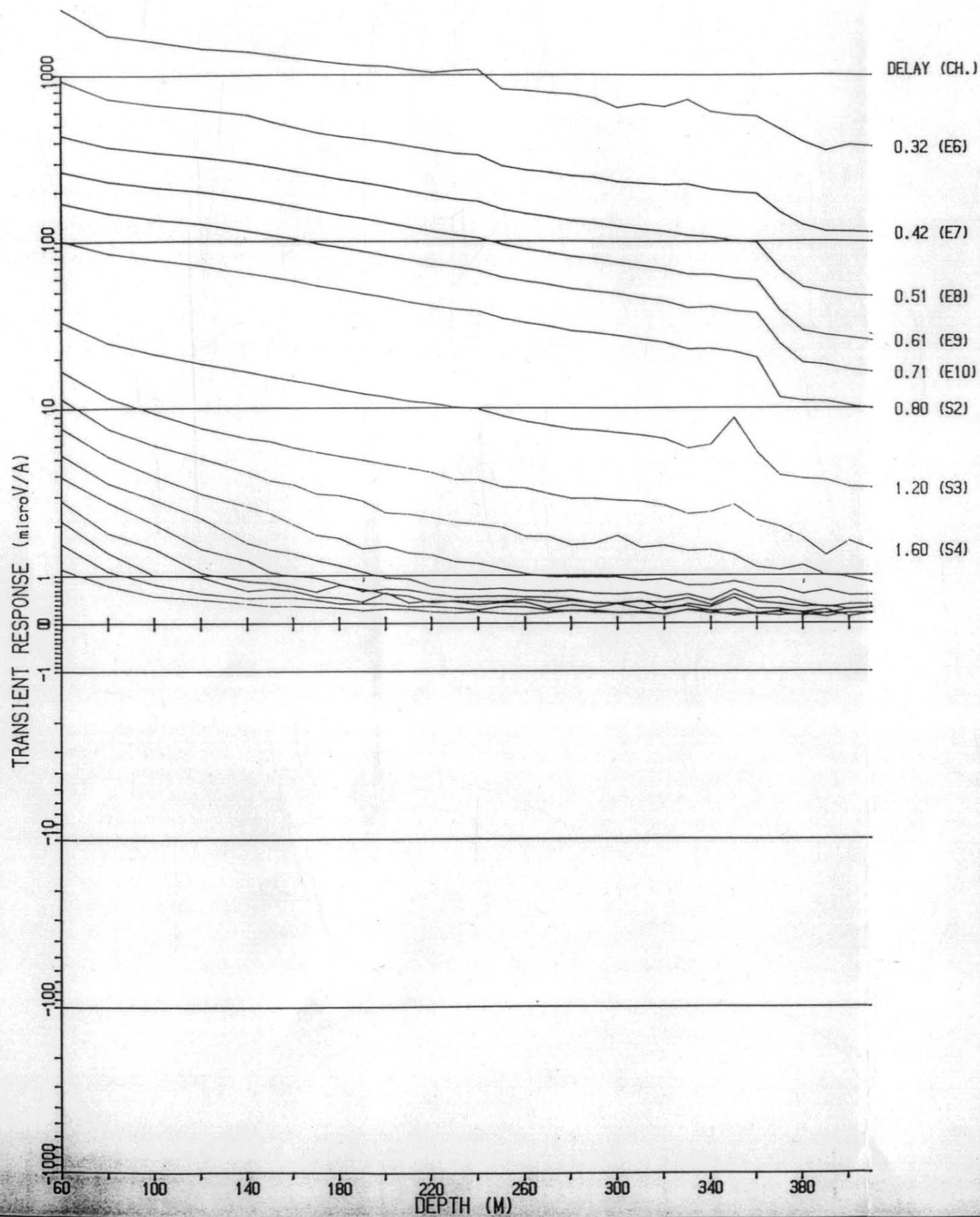
PASMINCO  
 TASMANIA  
 BURNS PEAK  
 SIROTEM PROFILE  
 BPD68 LOOP 2  
 SCALE - 1:2000 ref: PET/1691/03

700013

5 cm

BPD68/2

Fig. 3b.



**SURVEY SPECIFICATIONS**

DATA ACQUISITION : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 300M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 7.5 AMPS  
 OPERATOR : P McSKIMMING

**PLOT SPECIFICATIONS**

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

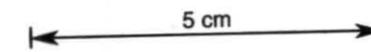
TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

PASMINCO

TASMANIA  
 BURNS PEAK  
 SIROTEM PROFILE  
 BPD69 LOOP 17

SCALE - 1:2000 ref: PET/H691/03

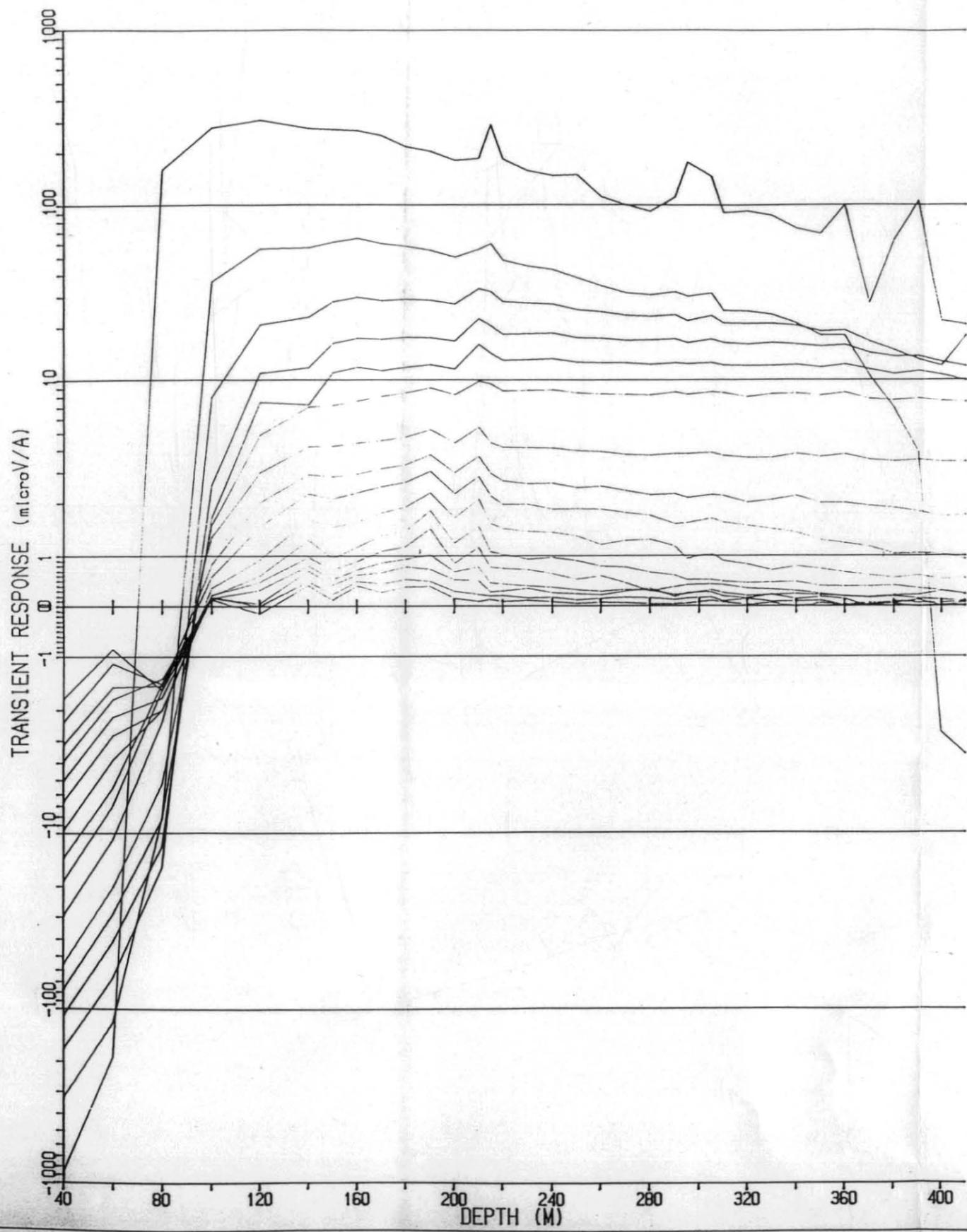
700014



BPD69 - 17

Fig. 4a.

DELAY (CH.)



### SURVEY SPECIFICATIONS

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 300M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY

READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 8.4 AMPS  
 OPERATOR : P McSKIMMING

### PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

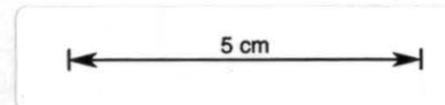
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TASMANIA  
 BURNS PEAK

SIROTEM PROFILE  
 BPD69 LOOP 18

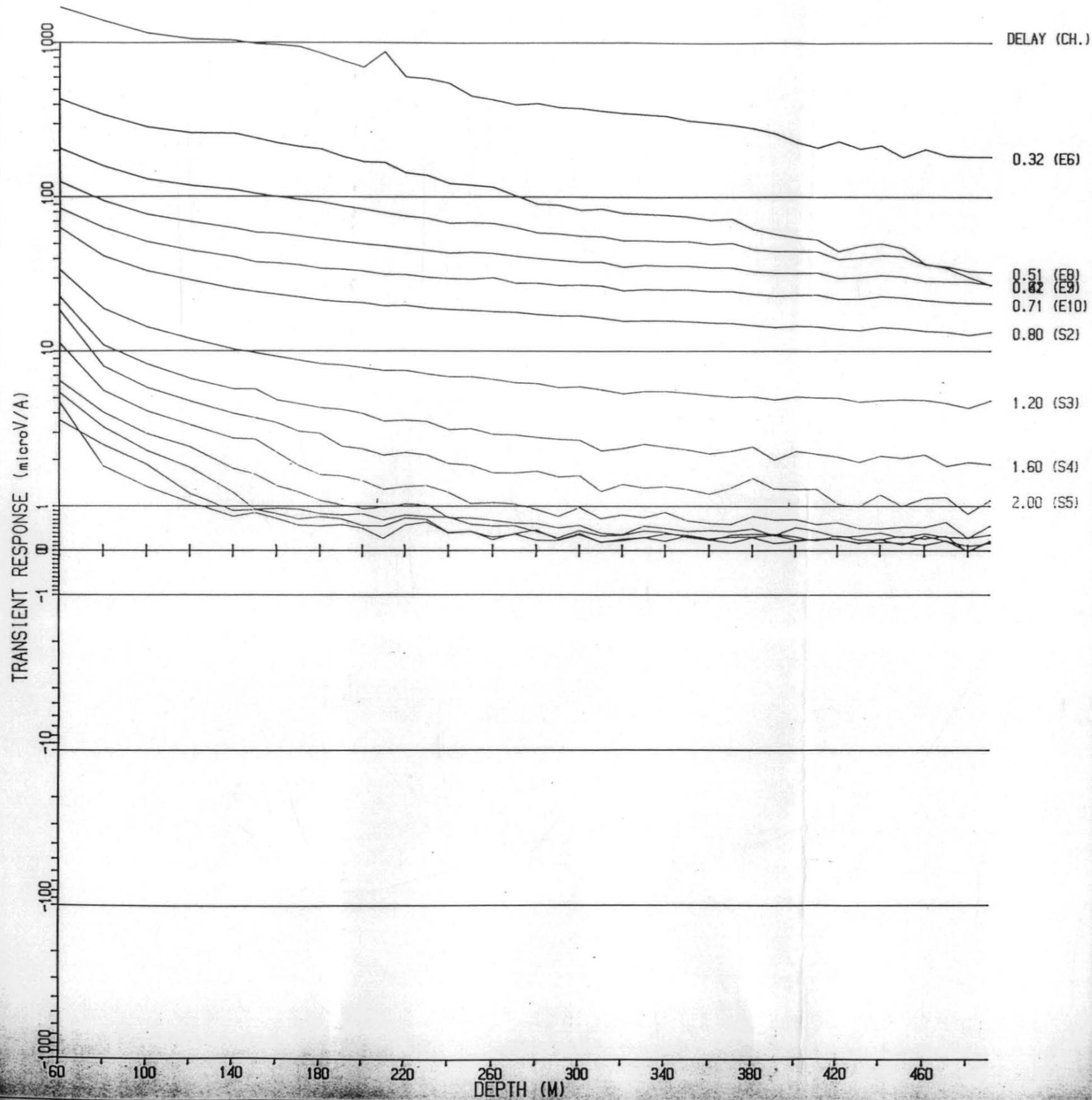
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700015



BPD69 - 18

Fig. 4b.



SURVEY SPECIFICATIONS

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : 300M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 6.7 AMPS  
 OPERATOR : P McSKIMMING

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

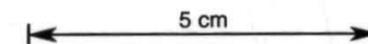
TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

PASMINCO

TASMANIA  
 BURNS PEAK  
 SIROTEM PROFILE  
 BPD70 LOOP 19

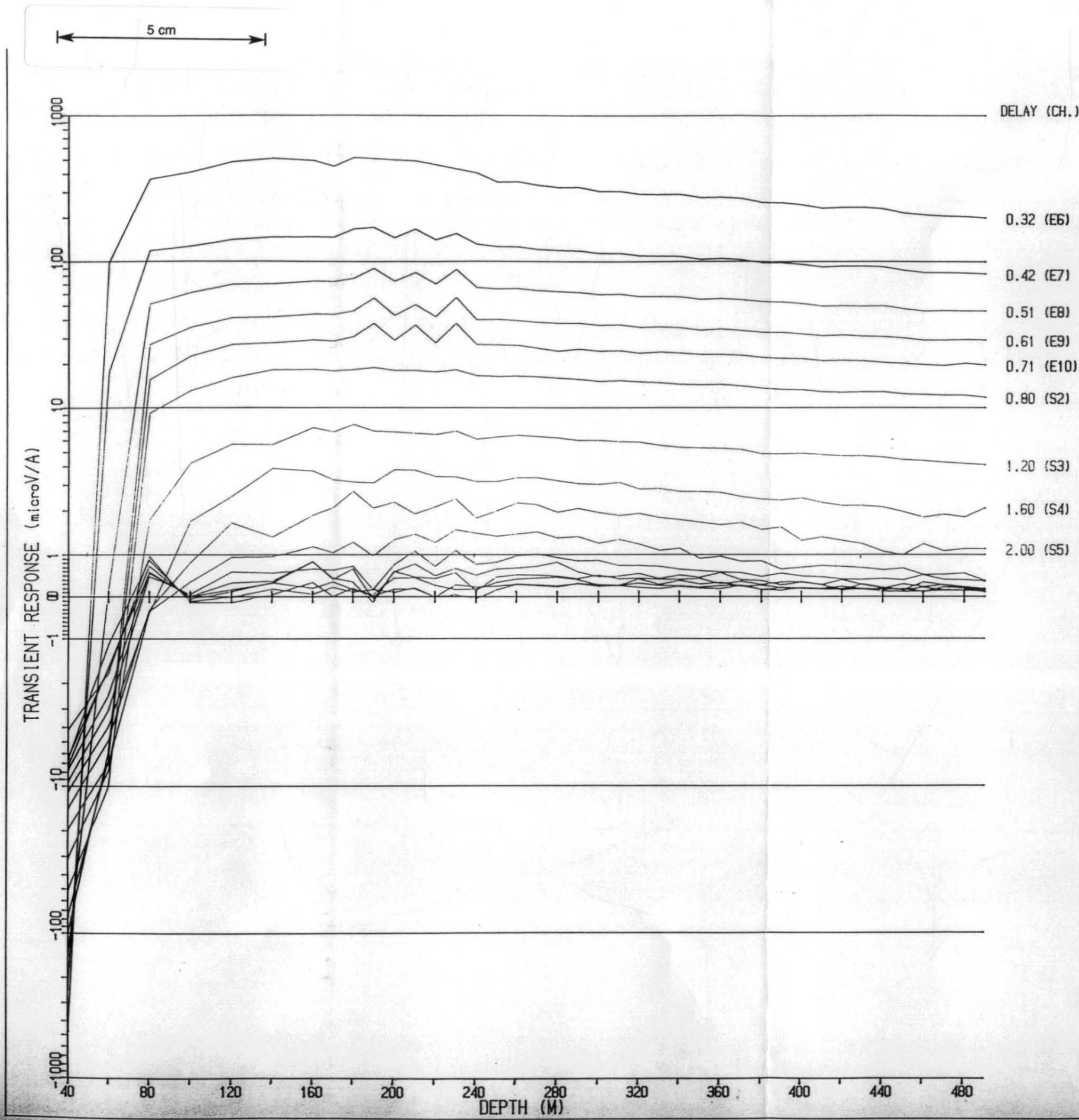
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700016



BPD70 - 19

Fig. 5a.



**SURVEY SPECIFICATIONS**

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990

CONFIGURATION : 300M SQUARE TX. LOOP,  
DRILL HOLE SURVEY

READING INT. : 20 METRES

NO. OF STACKS : 1024

TRANSMITTER : MEDIUM POWER

RECEIVER : SIROTEM II S/N 1224

CURRENT : 7.3 AMPS

OPERATOR : P McSKIMMING

**PLOT SPECIFICATIONS**

HORIZONTAL SCALE - 1:2000

VERTICAL SCALE - LOGARITHMIC  
4CM. PER DECADE  
LINEAR BETWEEN  
-1 AND +1

TIME DELAYS IN MILLISECONDS

E - EARLY TIME WINDOW

S - STANDARD TIME WINDOW

PASMINCO

TASMANIA  
BURNS PEAK

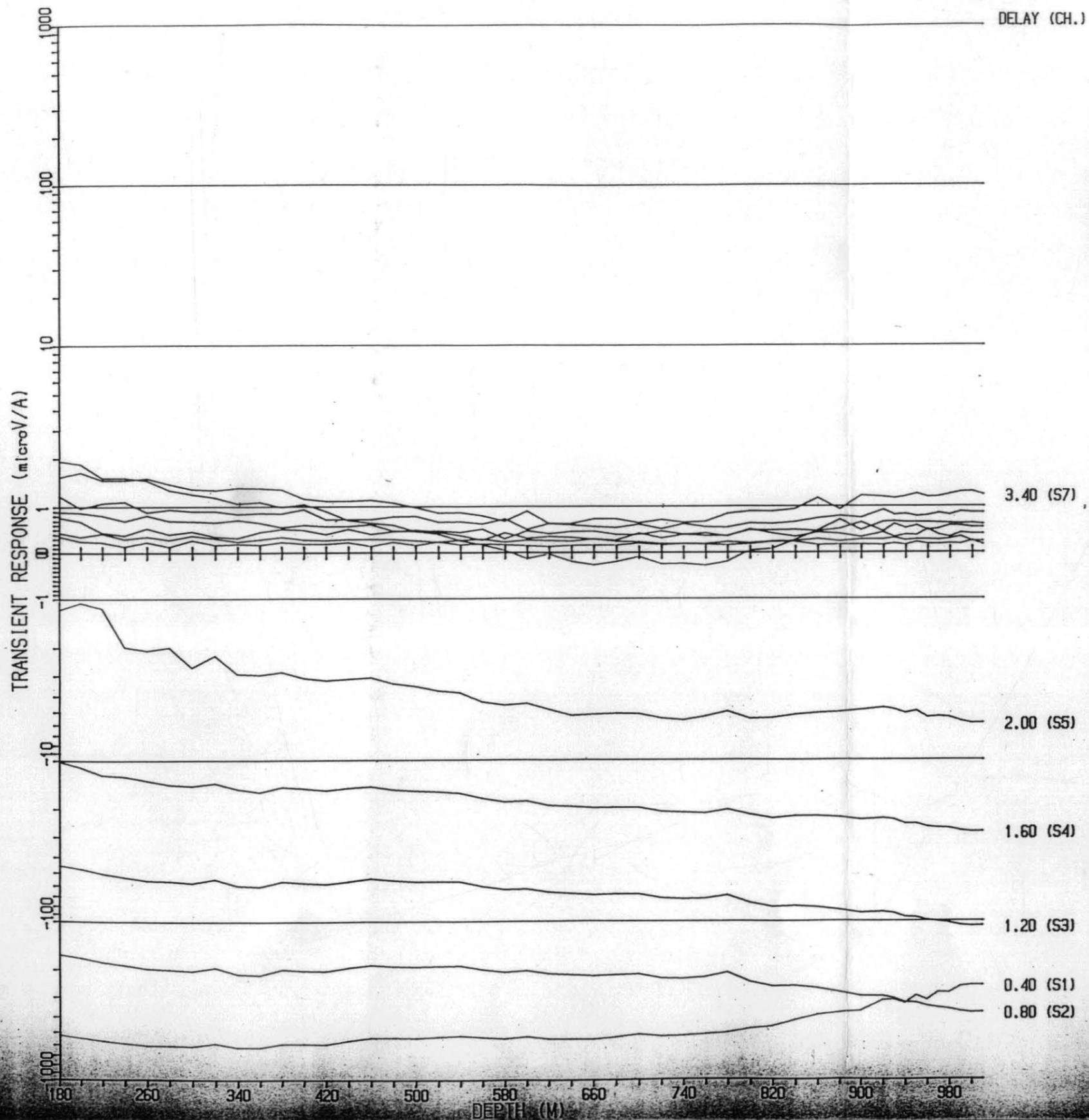
SIROTEM PROFILE  
BPD70 LOOP 20

SCALE - 1:2000 ref: P2T/M691/03

700017

BPD70 - 20

Fig. 5b.



### SURVEY SPECIFICATIONS

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : NOV. 1990  
 CONFIGURATION : BOOM SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 20 METRES  
 NO. OF STACKS : 2048  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 11.3 AMPS  
 OPERATOR : P McSKIMMING

### PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:4000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

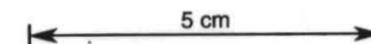
PASMINCO

TASMANIA  
 QUE RIVER

SIROTEM PROFILE  
 QR1060A

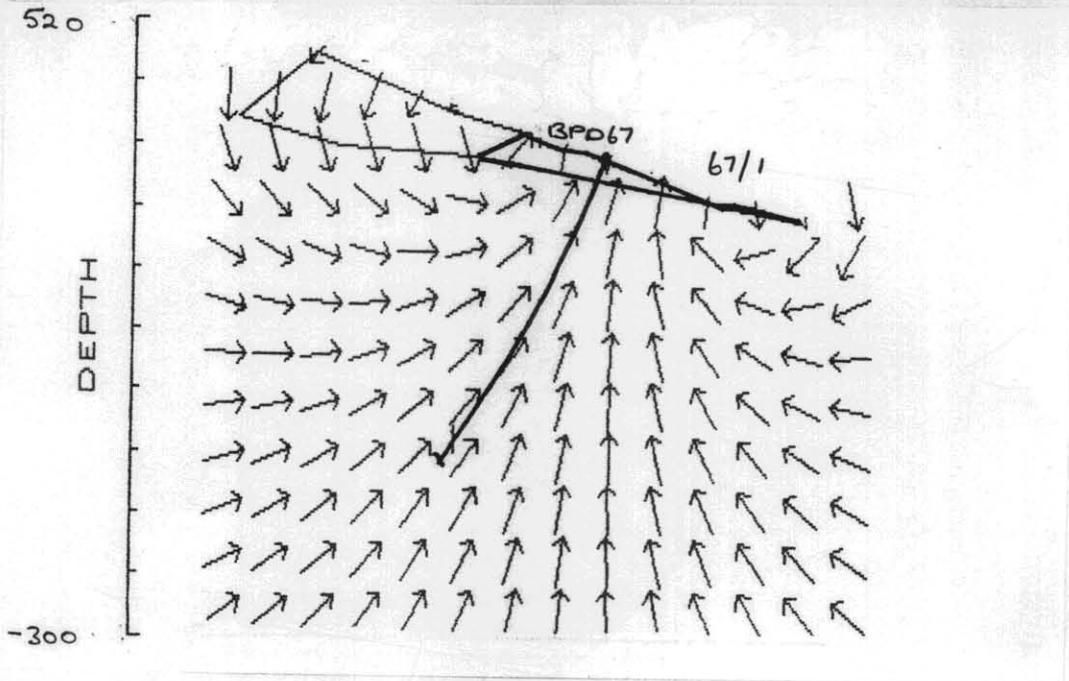
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700018

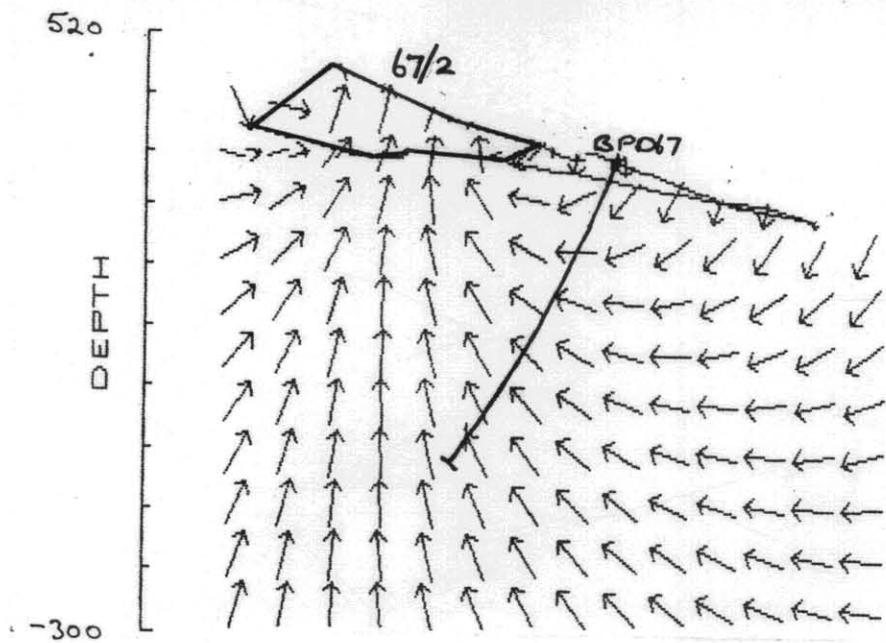


QR1060A

Fig. 6



Projected Section from ( 1000.0N, 8000.0E) on Bearing 100.0 Length 900.0



5 cm

Burns Peak, EL 44/88  
DHQM SURVEYS

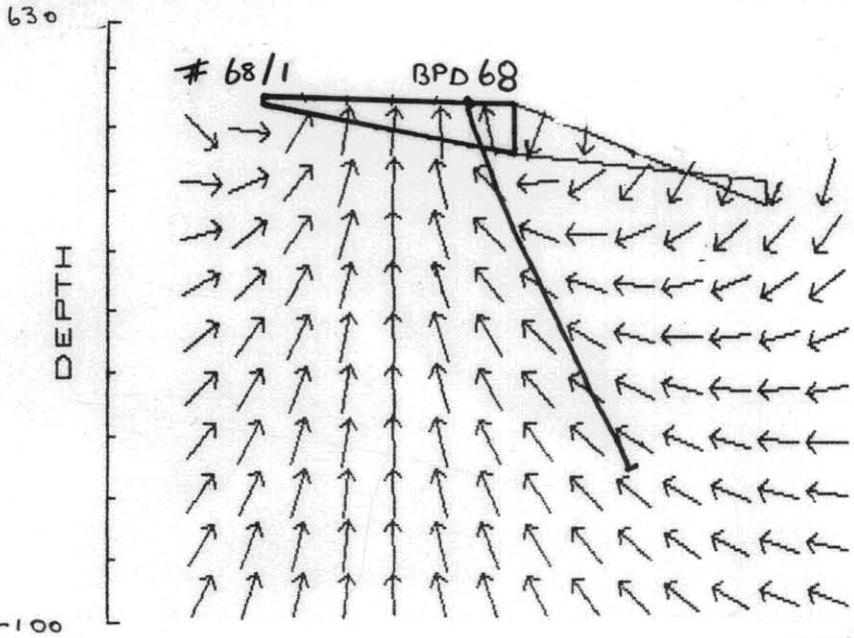
EM FIELD PATTERNS  
BPO67/1 & BPO67/2

ref: AET/MG91/03

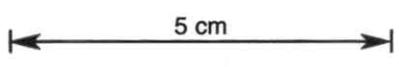
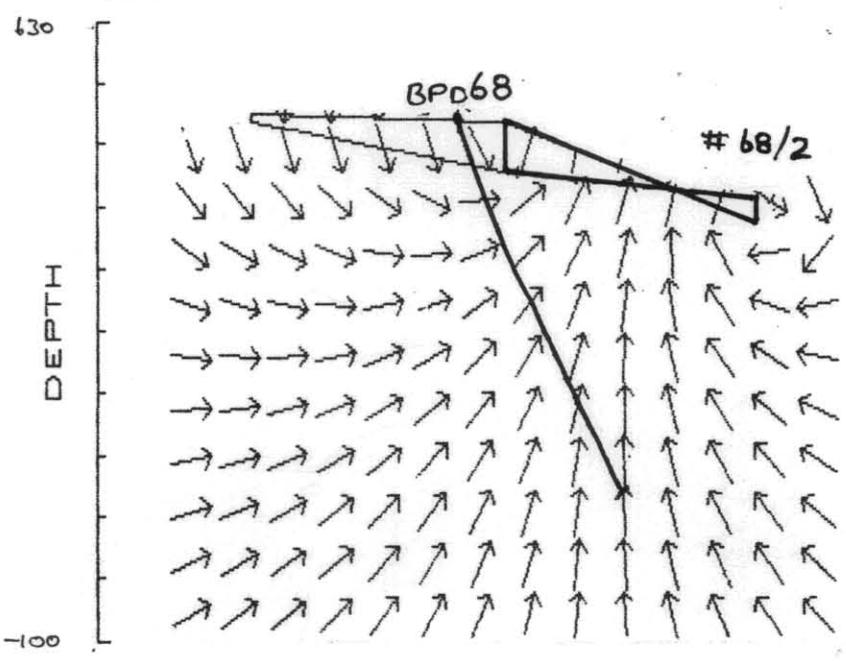
Fig. 7.

Projected Section from ( 550.0N, 7600.0E) on Bearing 90.0 Length 800.0

630



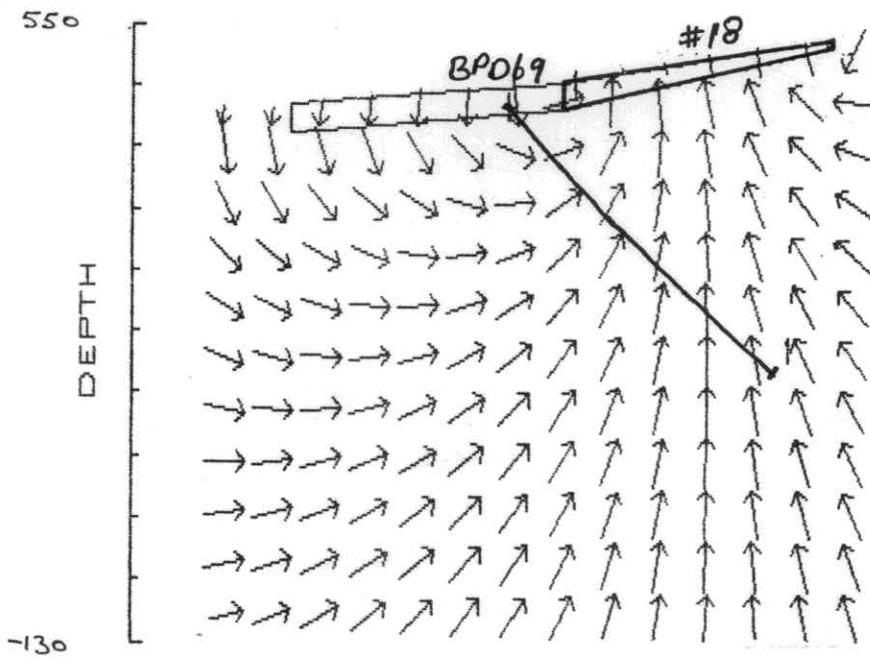
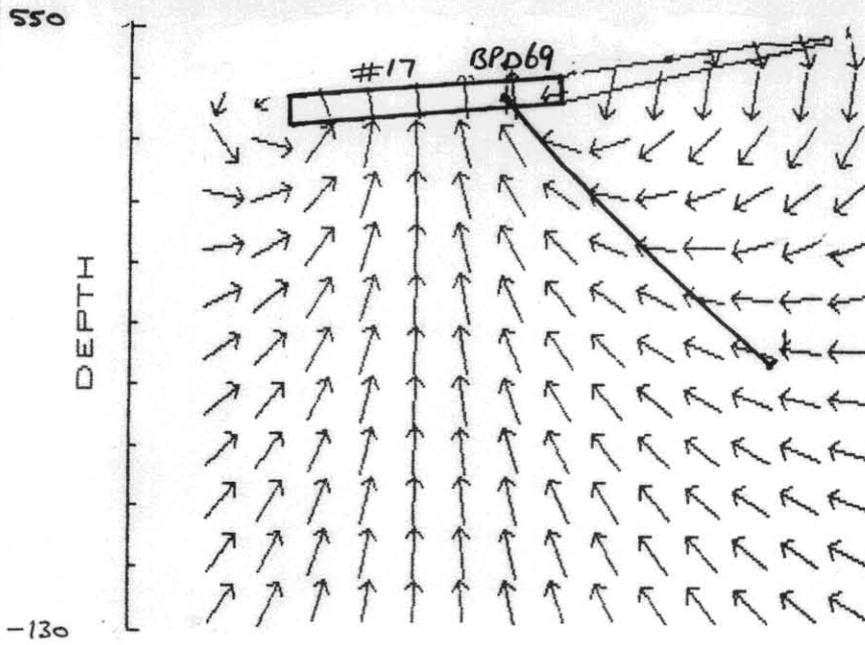
-100



Burns PK, E.L. 44/88  
 DHEM SURVEYS  
 EM FIELD PATTERNS  
 BPO68/1 & BPO68/2  
 FIG 8

of: PET/HG91103

Projected Section from ( 5570.0N, 4500.0E) on Bearing 90.0 Length 750.0



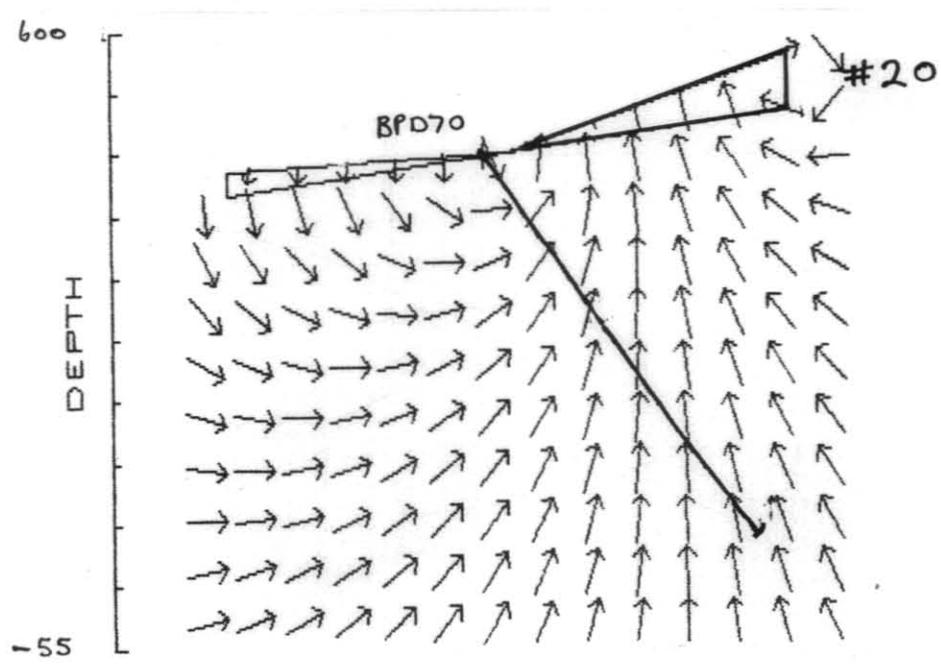
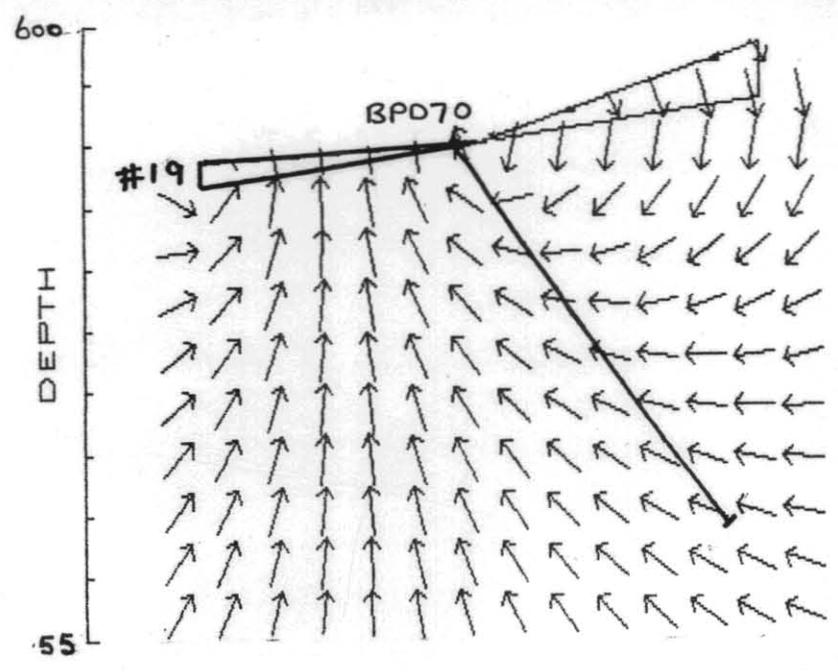
5 cm

Burns Peak, EL. 44/88  
DHEM SURVEYS

EM FIELD PATTERNS

#17 & #18

Projected Section from ( 5775.0N, 4650.0E) on Bearing 90.0 Length 720.0



5 cm

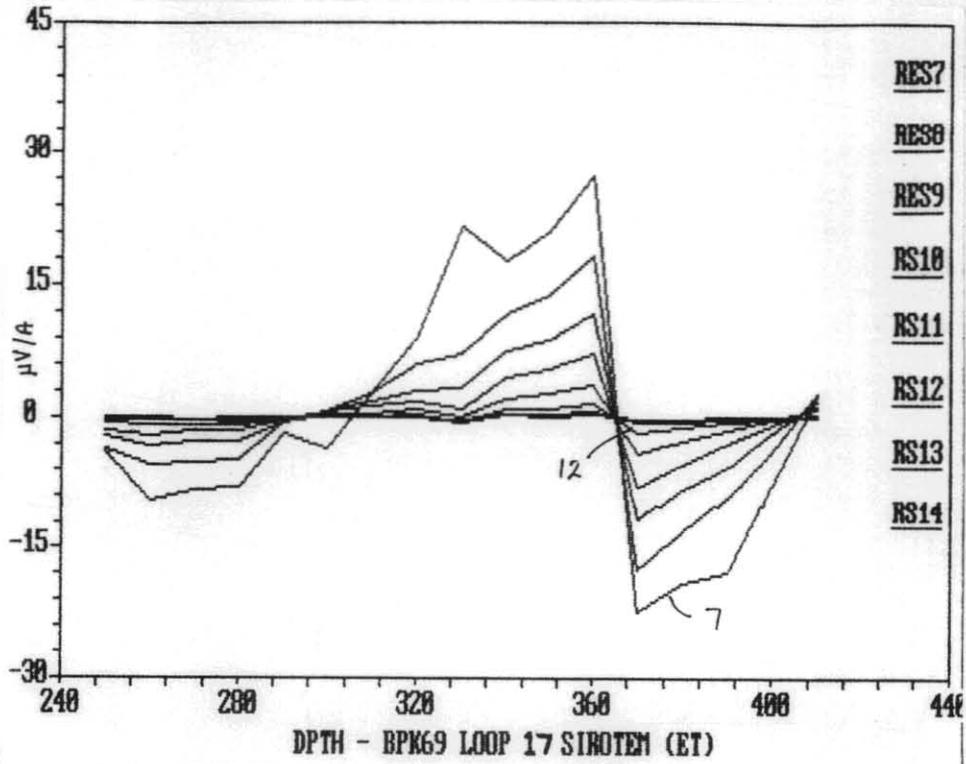
Burns Peak, E.L. 4/88  
DHEM SURVEYS

EM FIELD PATTERNS

#19 & #20

Fig. 10

ref. PET/14691/02



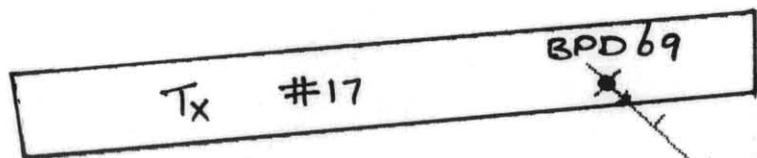
5 cm

Burns Peak, E.L. 44/88  
DHDM SURVEY

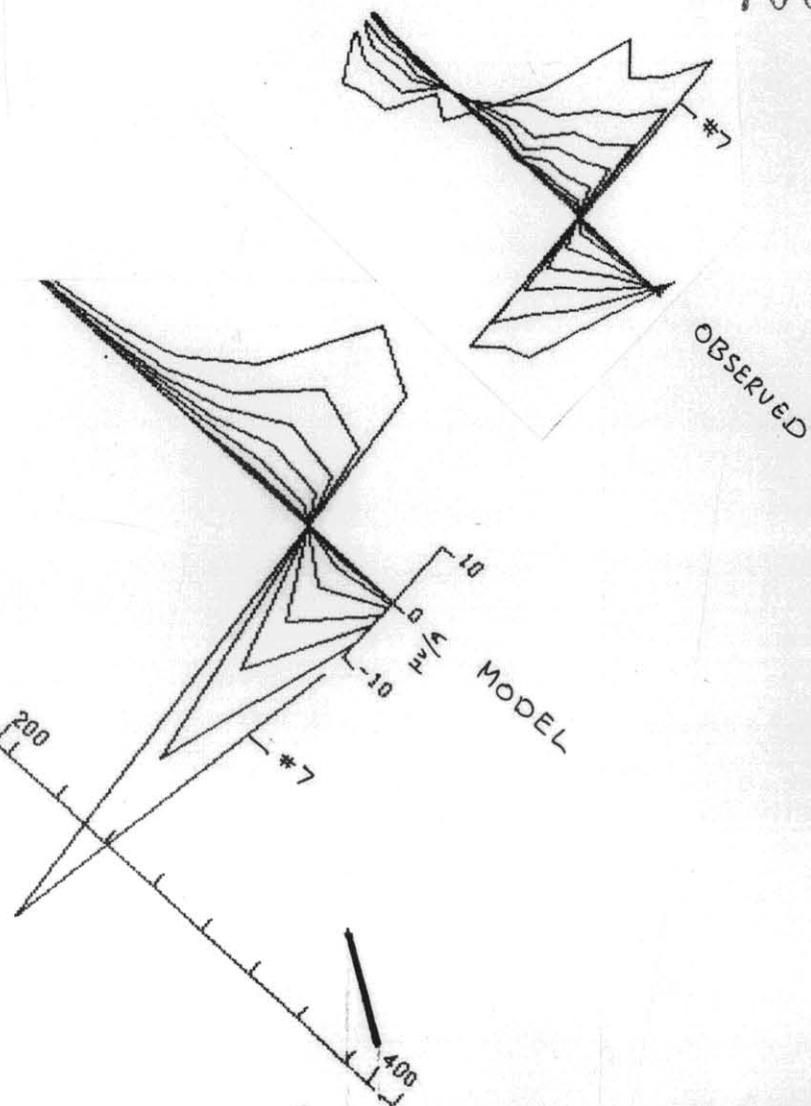
BPD69/17 Residual Response

ref: PET/MG91/03

Fig. 11.



strike length : 100m  
 dip length: 50m  
 $\sigma_t$  : 200 S  
 dip : 75° East



Model Program : Multiloop

Burns Peak, E.L. 44/88  
 DHEM SURVEY

Model Response : BPD 69

700025

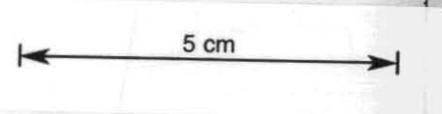
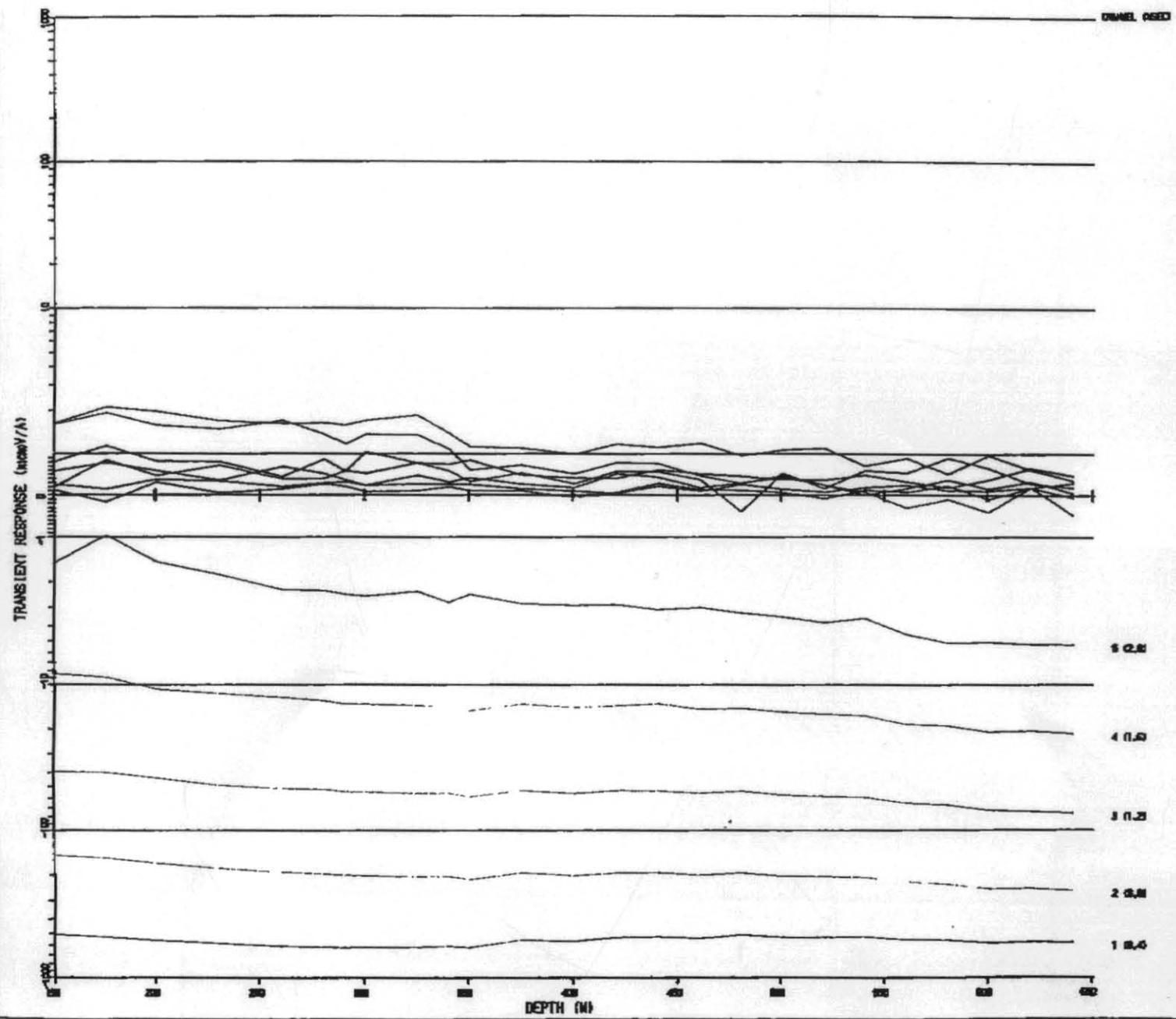
SURVEY SPECIFICATIONS

DATA ACQUISITION : M-SOUNDING DEPRESSIONS P.V.

SURVEY DATE : AUGUST 1980  
CONFIGURATION : QUIN SOURCE TRANSMITTER LOOP,  
DRILL HOLE SURVEY  
HEATING WPT. : 1.00 WATT  
NO. OF STACKS : 2048  
TRANSMITTER : MEDISON POWER  
RECEIVER : SPROSEN II SW 1226  
CURRENT : 0.0 AMP  
OPERATOR : P. M-SOUNDING

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
VERTICAL SCALE - LOGARITHMIC  
4CM PER DECADE  
LINEAR BETWEEN -1 AND 11



QUE RIVER MINES

TASMANIA  
QUE RIVER  
SIROTEM PROFILE  
LINE QR 1060A LOOP 7

SCALE - 1:2000

DS 3A

000 250 300 350 400 450 500 550 600 650

ref: PET/MG91/03

FIG. 13a.

700026

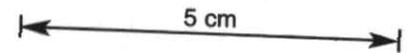
SURVEY SPECIFICATIONS

DATA ACQUIRED BY: MASCORNING GEOPHYSICS PTY.

SURVEY DATE : AUGUST 1988  
CONFIGURATION : COAX GEOPHYSICS TRANSMITTER LOOP,  
DRILL HOLE SURVEY  
READING DIST. : 100 METRES  
NO. OF STAGES : 2048  
TRANSMITTER : MEDISON POWER  
RECEIVER : SIROTEM 11 G/N 128C  
CURRENT : 0.8 AMP  
OPERATOR : P. MASCORNING

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
VERTICAL SCALE - LOGARITHMIC  
40L PER DECADE  
LINES BETWEEN 1 AND 11

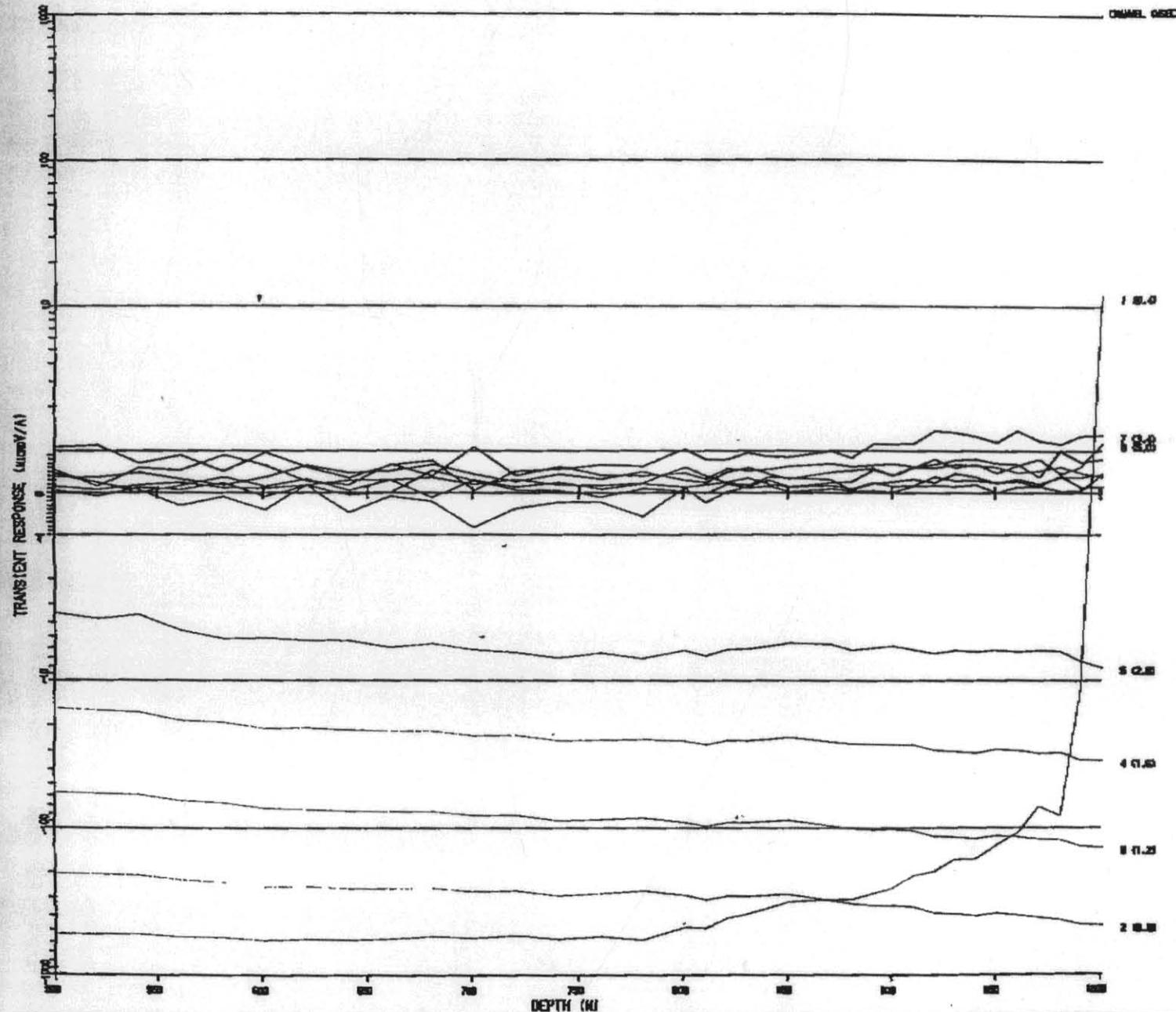


QUE RIVER MINES

TASMANIA  
QUE RIVER  
SIROTEM PROFILE  
LINE QR 1060A LOOP 7

SCALE - 1:2000

DS 3B



550 600 650 700 750 800 850 900 950 1000

ref: PET/MG91/03 FIG. 13b.

700027

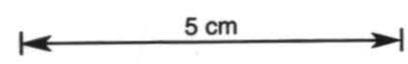
SURVEY SPECIFICATIONS

DATA ACQUISITION: RESISTANCE GRAPHOLOG PL

SURVEY DATE : AUGUST 1989  
CONFIGURATION : GROUND SOURCE TRANSMITTER LOOP,  
DRILL HOLE SURVEY  
MEASURING INT. : 30 METRES  
NO. OF STACKS : 2048  
TRANSMITTER : MEDISON PMS1  
RECEIVER : BRUNNEN EL 540 1226  
CURRENT : 0.0 AMP  
WELLHEAD : P 46-SCHEMATIC

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
VERTICAL SCALE - LOGARITHMIC  
4CM. PER DECADE  
LINES BETWEEN -1 AND 10

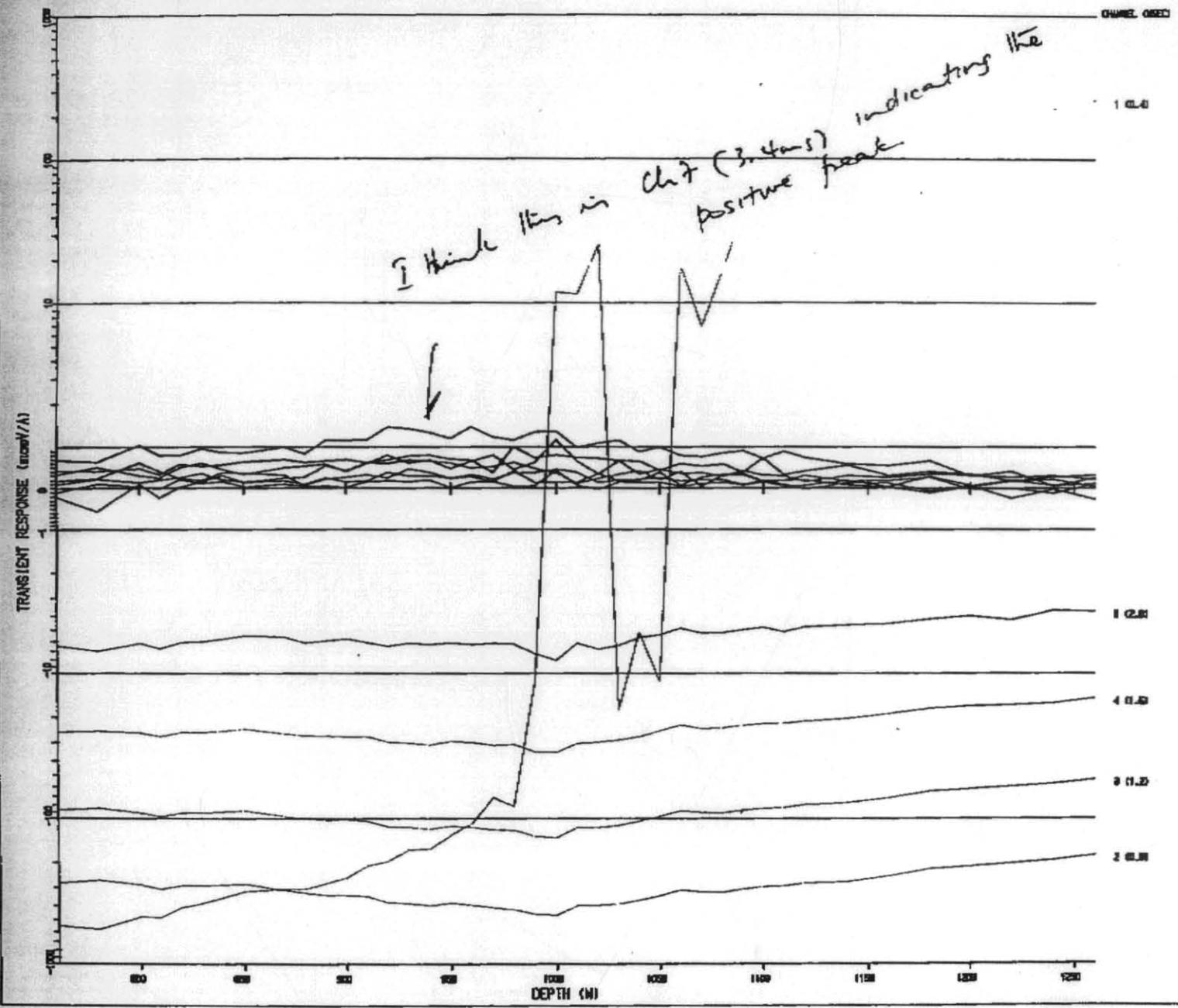


QUE RIVER MINES

TASMANIA  
QUE RIVER  
SIROTEM PROFILE  
LINE QR 1060A LOOP 7

SCALE - 1:2000

DS 3C



800 850 900 950 1000 1050 1100 1150 1200 1250m

ref: PET/M691/03

FIG. 13c.

700028

02\_4808A



# MITRE GEOPHYSICS PTY LTD

MINERAL EXPLORATION AND ENGINEERING CONSULTANTS

BUGGS LANE ELLIOTT TASMANIA 7325 PHONE 004-363143

ADDENDUM TO  
REPORT ON DHEM SURVEYS, BURNS PEAK (E.L. 44/88),  
DDH'S BPD67-70

for

Pasminco Exploration

by

Dr J.R. Bishop

CF

02\_4808A

Addendum to Report on DHEM Surveys, Burns Peak  
(EL 44/88) - DDH BPD67-70  
Mitre Geophysics Proprietary Limited; Pasminco Explo  
Bishop, J.R. EL44/1988

PET/MG91/03(add)  
July, 1991.



## INTRODUCTION

Suspect results were recorded during the DHEM survey of BPD67 in November, 1990 and resurveying was recommended. The results of the repeat work are given here as an addendum to the original report.

## SURVEY DETAILS

The work was carried out in March 1991, again by McSkimming Geophysics using a Mk 2 Sirotem. Similar specifications to the original work were applied, except that only standard times were recorded. The results for loops 67/1 and 67/2 are given in Figures 1 and 2 respectively.

## INTERPRETATION

There is no indication in the loop 67/1 repeat data of the persistent response recorded at 60m in the original survey, which was the prime reason for the repeat work. The loop 67/2 repeat data is similar to the original, but does not show the (unexpected) increase in amplitude with depth which can be seen in the earlier work. One can speculate that the results of the earlier survey of BPD67 were caused by equipment malfunction, although this section was apparently repeated at the time by McSkimming.

BPD67 was sited to search for massive sulphides beneath the Chester pyrite deposit and it was expected that such a significant amount of sulphide would give a DHEM response. Given the apparent lack of a response, it was decided to carry out some modelling to determine what sort of anomaly might be expected. The modelling has simulated EM37 data operating at 25Hz and channels 6 to 20 of the EM37 cover approximately the same time span as channels 1 to 11 of Sirotem. The EM37 unit of  $\text{inv/a-m}^2$  is equivalent to  $10\mu\text{v/a}$  in the Sirotem data.

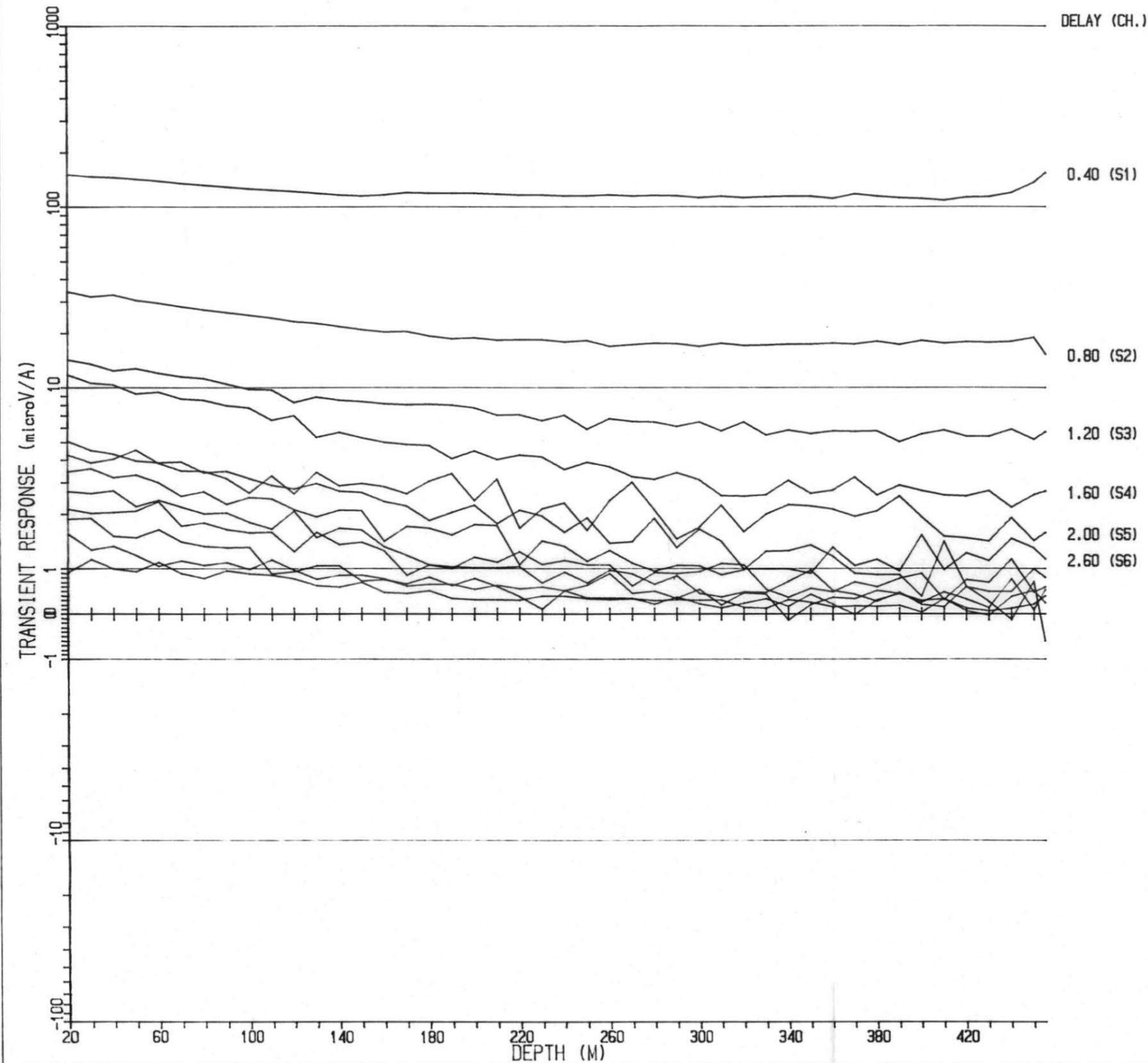
The modelling assumed a 150m x 150m plate dipping shallowly to the west with the relatively low conductance of 10 S. Figure 3 shows a plan view of the model conductor with respect to the drill hole and transmitter loops. Strong responses were obtained from both loops (Figures 4 and 5). Although these decay quite rapidly, they are still recognisable in the later time data (channel 6 has been emphasised in the Figures).

Thus the modelling has shown that if Chester were conductive, a recognisable response would have been obtained from BPD67. These results reinforce those from an earlier UTEM survey, which also failed to record any responses.

J.R. Bishop

**LIST OF FIGURES**

- Figure 1. BPD67 DHEM profile, loop 67/1.
- Figure 2. BPD67 DHEM profile, loop 67/2.
- Figure 3. Chester DHEM modelling, plan view.
- Figure 4. Chester modelling, loop 67/1 results.
- Figure 5. Chester modelling, loop 67/2 results.



SURVEY SPECIFICATIONS

DATA ACQUIS'N : McSKIMMING GEOPHYSICS

SURVEY DATE : MARCH 1991  
 CONFIGURATION : 500M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 10 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 5.9 AMPS  
 OPERATOR : P McSKIMMING

PLOT SPECIFICATIONS

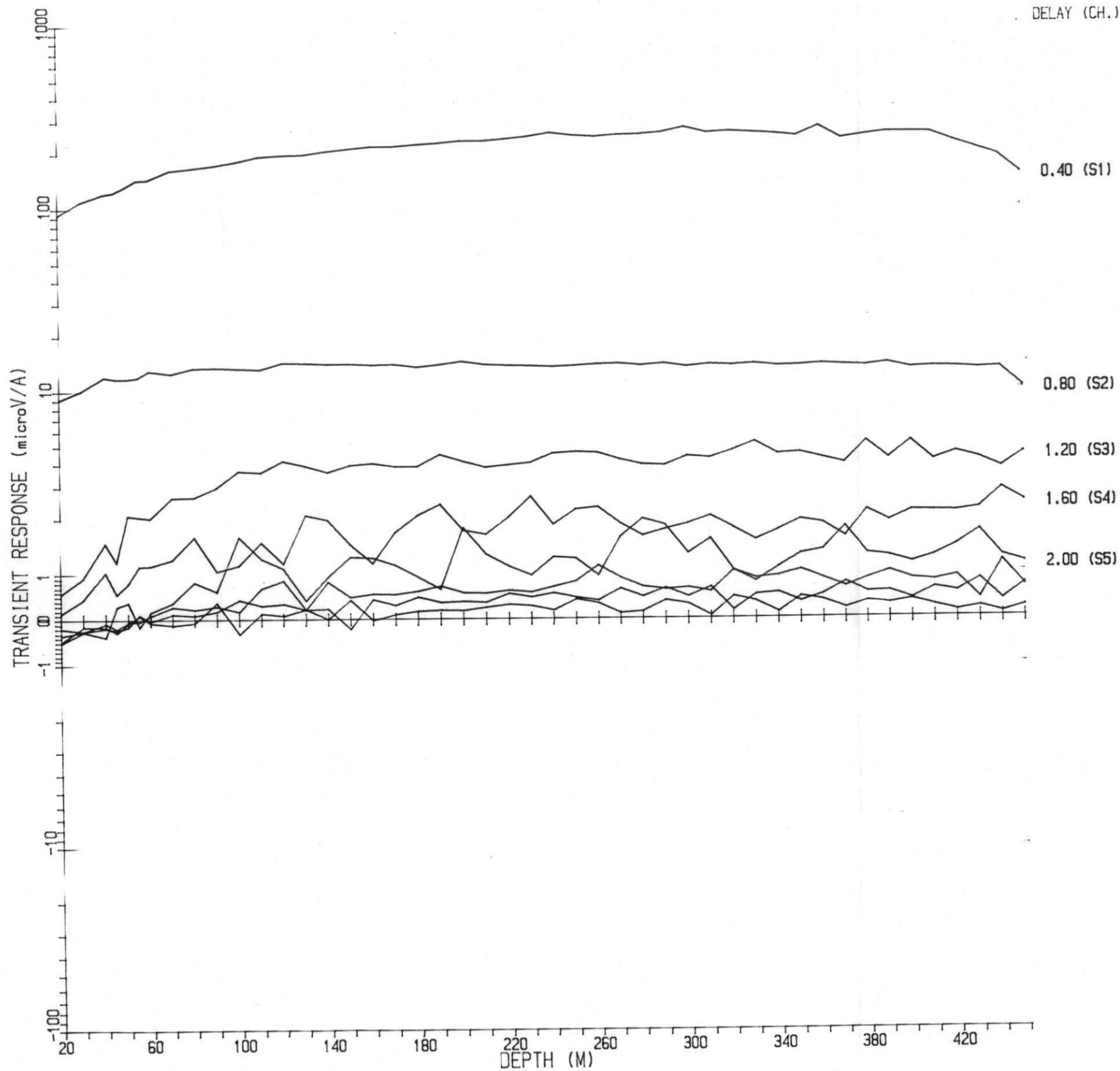
HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

5 cm

PASMINCO  
 ROSEBERY  
 BURNS PEAK  
 SIROTEM PROFILE  
 LINE BPD 67 LP1  
 SCALE - 1:2000 | PET/MG91/03

BPD 67  
 Loop 67/1  
 Fig 1.



DELAY (CH.)

SURVEY SPECIFICATIONS

DATA ACQUISITION : McSKIMMING GEOPHYSICS

SURVEY DATE : MARCH 1991  
 CONFIGURATION : 500M SQUARE TX. LOOP,  
 DRILL HOLE SURVEY  
 READING INT. : 10 METRES  
 NO. OF STACKS : 1024  
 TRANSMITTER : MEDIUM POWER  
 RECEIVER : SIROTEM II S/N 1224  
 CURRENT : 6.0 AMPS  
 OPERATOR : P McSKIMMING

PLOT SPECIFICATIONS

HORIZONTAL SCALE - 1:2000  
 VERTICAL SCALE - LOGARITHMIC  
 4CM. PER DECADE  
 LINEAR BETWEEN  
 -1 AND +1

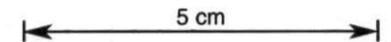
TIME DELAYS IN MILLISECONDS  
 E - EARLY TIME WINDOW  
 S - STANDARD TIME WINDOW

PASMINCO

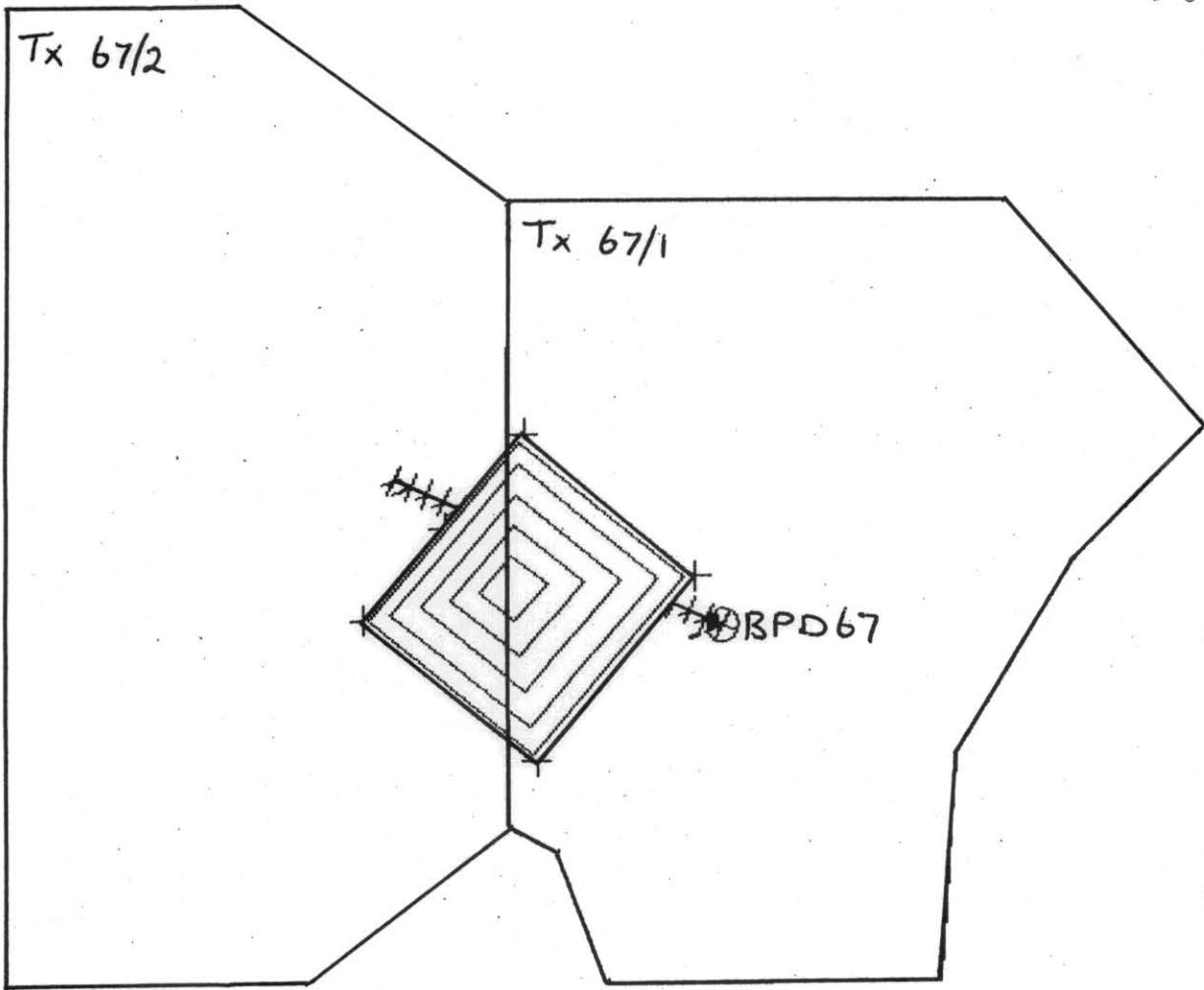
ROSEBERY  
 BURNS PEAK

SIROTEM PROFILE  
 LINE BPD 67 LP2

SCALE - 1:2000 | PET/M991/03



BPD67  
 Loop 67/2  
 Fig 2.



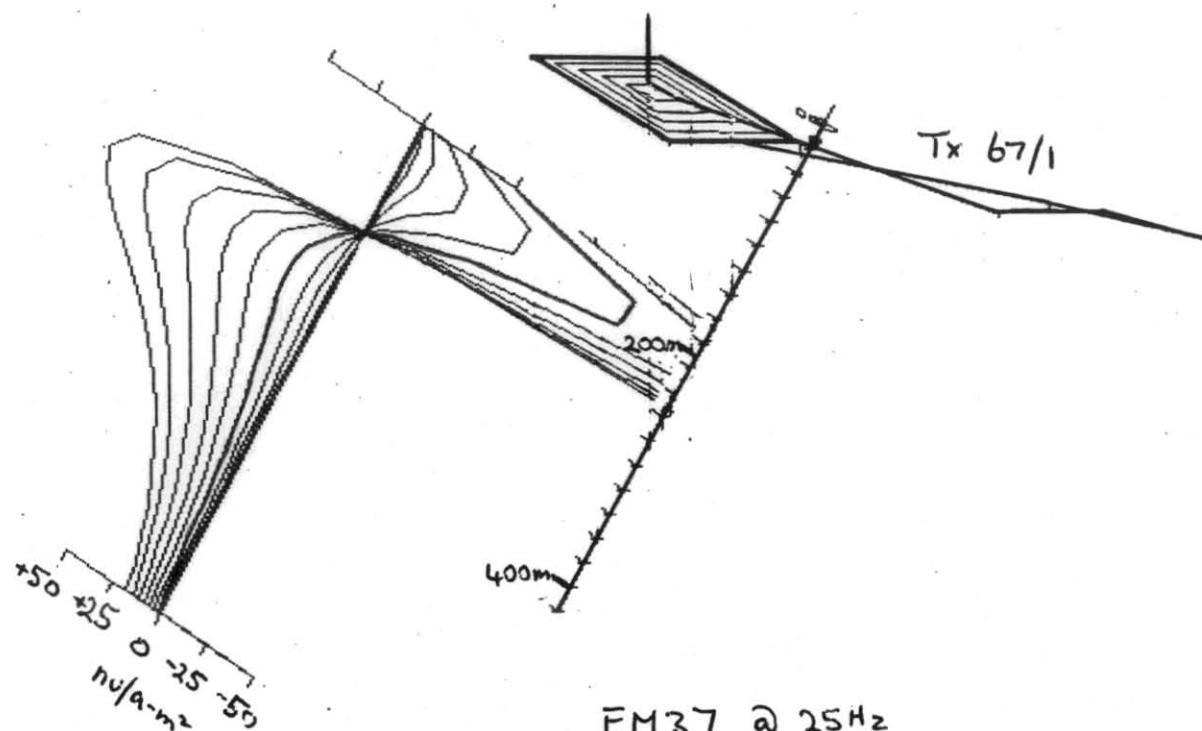
5 cm

ref: PET/MG91/03(add)

Burns Peake (E.L. 44/88)  
DHEM  
BPD 67  
CHESTER MODELLING  
Plan View Fig.3.

700034

5 cm



EM37 @ 25Hz  
#1 - #20

Tx 67/1

BURMS PERK DHEM BPK 67	
DIP	25.00
STRIKE	-40.00
LENGTH	150.00
DIP LENGTH	150.00
CONDUCTANCE	10.00
POSITION	000. 000. 000.
(CENTRE OF TOP EDGE)	

BPD67 DHEM  
CHESTER MODELLING

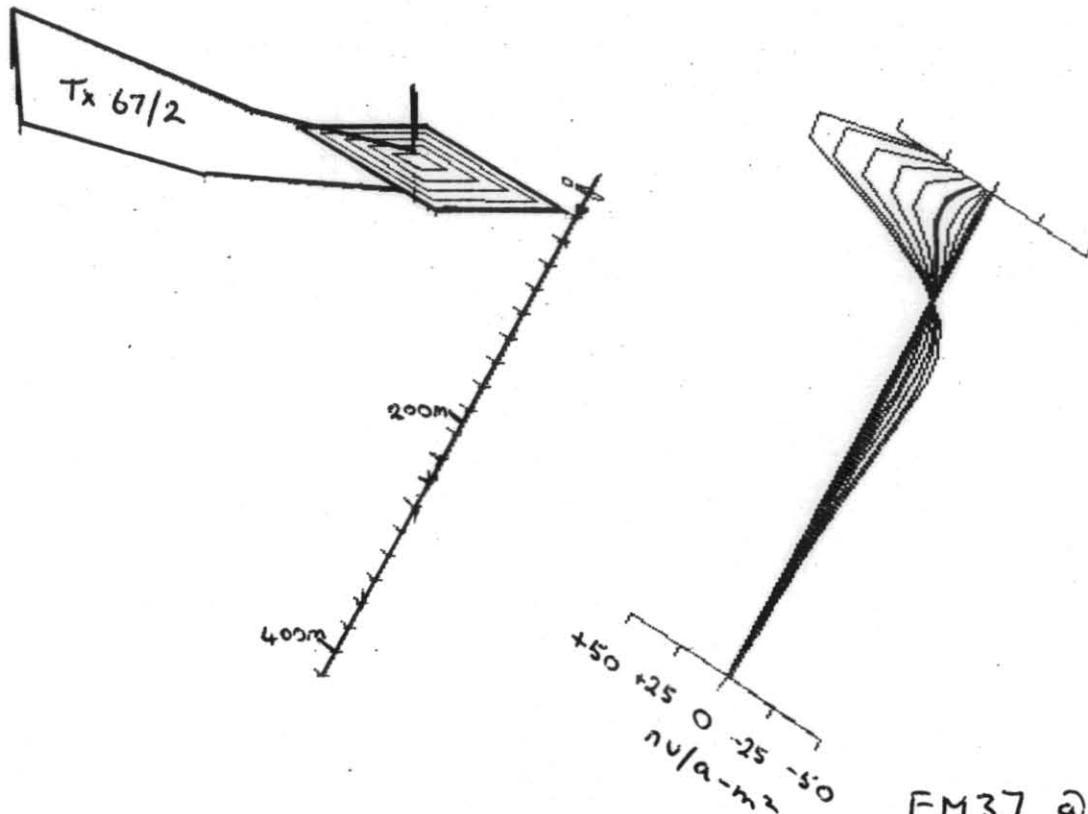
REGISTERED USER  
MITRE GEOPHYSICS

MultiLoop  
© LORANTHEAL GEOPHYSICS LTD

Fig. 4.

PET/MG91/03 (add)

5 cm



EM37 @ 25Hz  
#1 - #20

BURNS PERK DHEM	
BPK 67	
DIP	35.00
STRIKE	-40.00
LENGTH	150.00
DIP LENGTH	150.00
CONDUCTANCE	10.00
POSITION	000. 000. 000.
(CENTRE OF TOP EDGE)	

BPK 67 DHEM  
CHESTER MODELLING

REGISTERED USER  
MITRE GEOPHYSICS

MultiLoop Fig. 5  
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