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D. of M.	A.O.	C.G.	E.O.	D. DIR.
				Registrar
D. DIR.	- 9 AUG 1984			E & IL
	DEPT. OF MINES			
REF. No.				

UNION TEXAS AUSTRALIA INC.
 SIXTH YEAR - FIRST QUARTER (TO JULY 4TH, 1984)
 PETROLEUM EXPLORATION PERMIT T/13P
 OFFSHORE GIPPSLAND BASIN
 AUSTRALIA

T/13 P Part 27.

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Gippsland basin Tasmania T13P

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1. ADMINISTRATION

The interests in Permit T/13P are as follows:-

<u>Company</u>	<u>Interest</u>
Union Texas (Operator)	13.973%
Ampol Exploration	10.479%
CRA Exploration	10.479%
Cultus Pacific	5.137%
Metramar	4.795%
Sovereign	2.739%
York	2.398%
Meridian	20.000%
Pan Pacific	16.667%
Valiant Consolidated	8.083%
Ocita	5.250%

On March 14th, 1984 Union Texas requested approval from the Director of the Tasmanian Department of Mines of a proposed work program for the sixth permit year of petroleum exploration Permit T/13P. The program was designed to allow Union Texas to further evaluate technical data acquired during the fifth permit year with a view to maturing at least two drillable prospects for drilling in the latter half of the sixth permit year.

The work program split the sixth permit year into two stages. During the initial stage (April 4th - October 3rd, 1984) the analytical review of all remaining leads would be conducted. Should this review mature at least two drillable prospects they would be drilled during the second stage (October 4th, 1984 - April 3rd, 1985). Should the review fail to mature drillable prospects the group will be prepared to propose additional work or surrender the permit by October 4th, 1984.

The Director granted approval of the program on April 3rd, 1984.

During the quarter, work has continued on the geophysical and geological studies approved as part of the sixth year work program.

2. GEOPHYSICAL AND GEOLOGICAL STUDIES

The geophysical and geological studies being conducted during the first part of the sixth permit year involve the continued evaluation of the seismic data acquired during the fifth permit year, special studies on seismic and magnetic modelling, and geological reviews of both a regional and prospect nature.

The following summarises the geophysical and geological activities conducted during the quarter.

A. Geophysical

Final seismic interpretation continued using data from the UTP82, GUT83P, GC80 and GC81 surveys and from some of the earlier surveys where the data quality was sufficient to provide useful additional coverage. These surveys include: 80F, G, G69A, M, EC, and EH.

Interpretation was completed on three horizons Water Bottom, Intra Lakes Entrance Formation (Orange Horizon) and Top Latrobe Coarse Clastics (Green Horizon). Two other events are being picked:- Intra Latrobe Group (Blue Horizon) and Base Latrobe Group (Red Horizon). The interpretation of these lower two horizons has been difficult because of poor data quality and poor seismic resolution.

Mapping on the interpreted horizons is proceeding. Because of the number of different vintages of seismic data considerable difficulties have been experienced with line misties.

Velocity data is being reviewed to produce maps of average velocity from sea level to the picked horizons. The generation of depth structure and isopach maps will follow.

B. Geological

Geological studies have included i) continuation of the mapping of the regional paleogeography of the Gippsland Basin and ii) interpretation of the regional structural and stratigraphic history of the southern margin of the Gippsland Basin.

- i) The paleogeography study is a continuation of the work done previously on regional well-log correlations, a copy of which was submitted to the Department of Mines. This study also integrates results from the previously completed age determinations and paleoenvironment study.
- ii) The results of the final interpretation of data in permit Vic P/12 have been used to provide a basis for interpreting the geology of the T/13P area. By tying into the Vic P/12 seismic data it has been possible to extrapolate the stratigraphy into the area of interest. Examination of seismic sections from the BMR 1982 survey has also been useful.

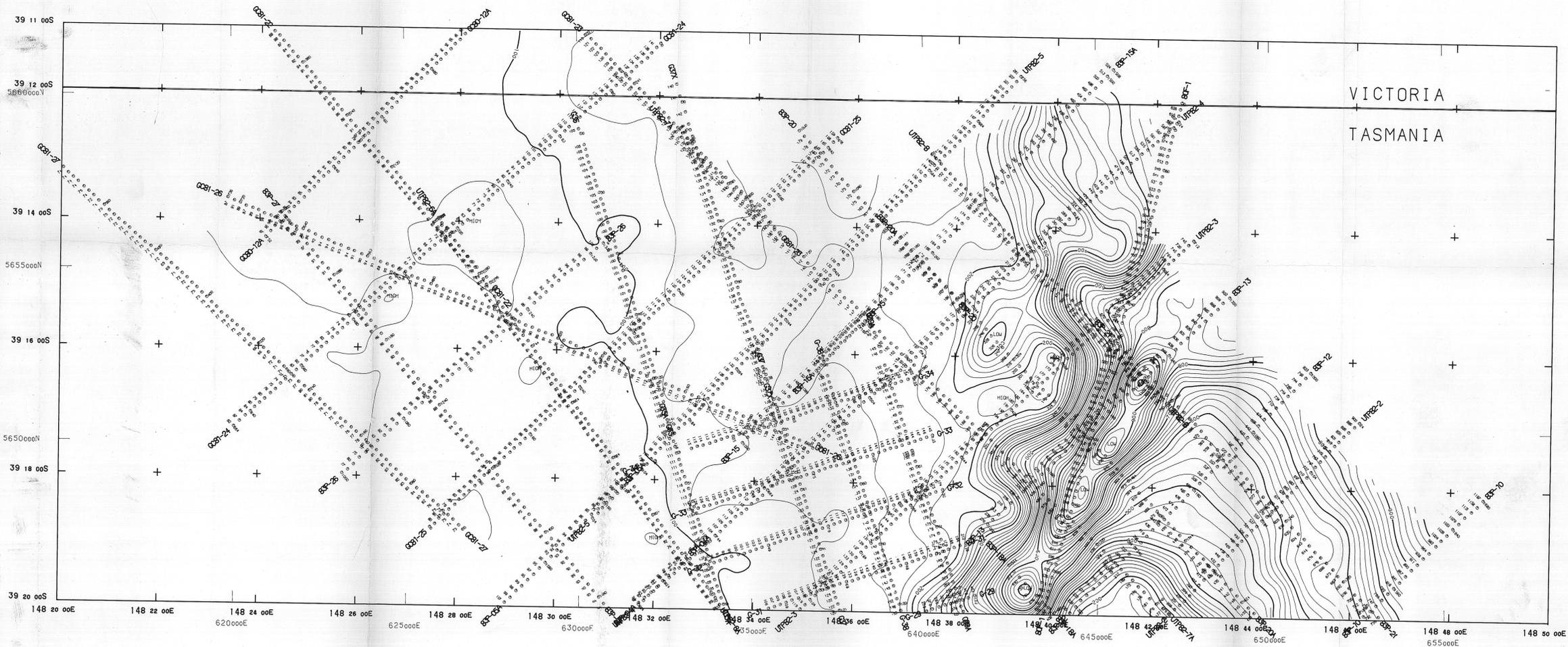
A review of the petroleum geology of the T/13P area will accompany the final interpretation of the seismic data.

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3. SUMMARY OF EXPENDITURES

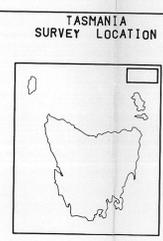
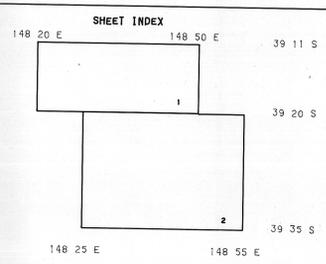
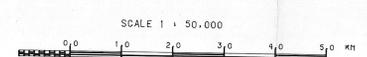
Listed below are the expenditures for the Second Quarter of 1984 (First Quarter of the Sixth Permit Year) in T/13P (in Australian dollars).

Description	1st Qtr 1984	2nd Qtr 1984	Year to Date
Membership and Dues		200.00	200.00
Freight, Hauling & Post	3,654.42	2,636.05	6,290.47
Law Dept., Expense Ext.	242.40		242.40
Contract Office Services	1,492.54	2,189.66	3,682.20
Communication	939.87	1,058.15	1,998.02
Office Supplies	198.49	132.55	331.04
Maps, Logs & Reproduction	12,930.29	597.28	13,527.57
Recording & Other Services	91.07	873.78	964.85
Operating Services, Contract	2,348.63	89.38	2,438.01
Office Rentals	2,581.44	3,533.37	6,114.81
Entertainment	(39.30)		(39.30)
Head Office Direct Charges	5,875.47	9,276.27	15,151.74
Regional Office Allocation	2,965.90	(1,024.66)	(1,941.24)
Head Office Travel	2,712.84	3,431.91	6,144.75
Rental Storage Space	702.83	392.38	1,095.21
Subscriptions	10.73	197.50	208.23
Utilities Expat. Residence	50.96	159.14	210.10
Contract Services Technical		33,355.44	33,355.44
Relocation Expense		10,032.39	10,032.39
Rental Expat. Residence		2,203.01	2,203.01
Lease Rental		3,360.00	3,360.00
Sub-Total	36,758.58	72,693.60	109,452.18
Seismic Purchase	10,000.00		10,000.00
Geophysical, Geological Studies	39,989.45	5,068.58	45,058.03
Sub-Total	49,989.45	5,068.58	55,058.03
TOTAL T/13P EXPENDITURES	86,748.03	77,762.18	164,510.21



PROCESSING SPECIFICATIONS
 PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MARKED WITH SHOTPOINT LOCATIONS
 DATA RESAMPLED AND GRIDDED AT 100 METRE INTERVALS
 HORIZONS CONTOURED AT 20 MILLISECOND INTERVALS

PRELIMINARY COPY

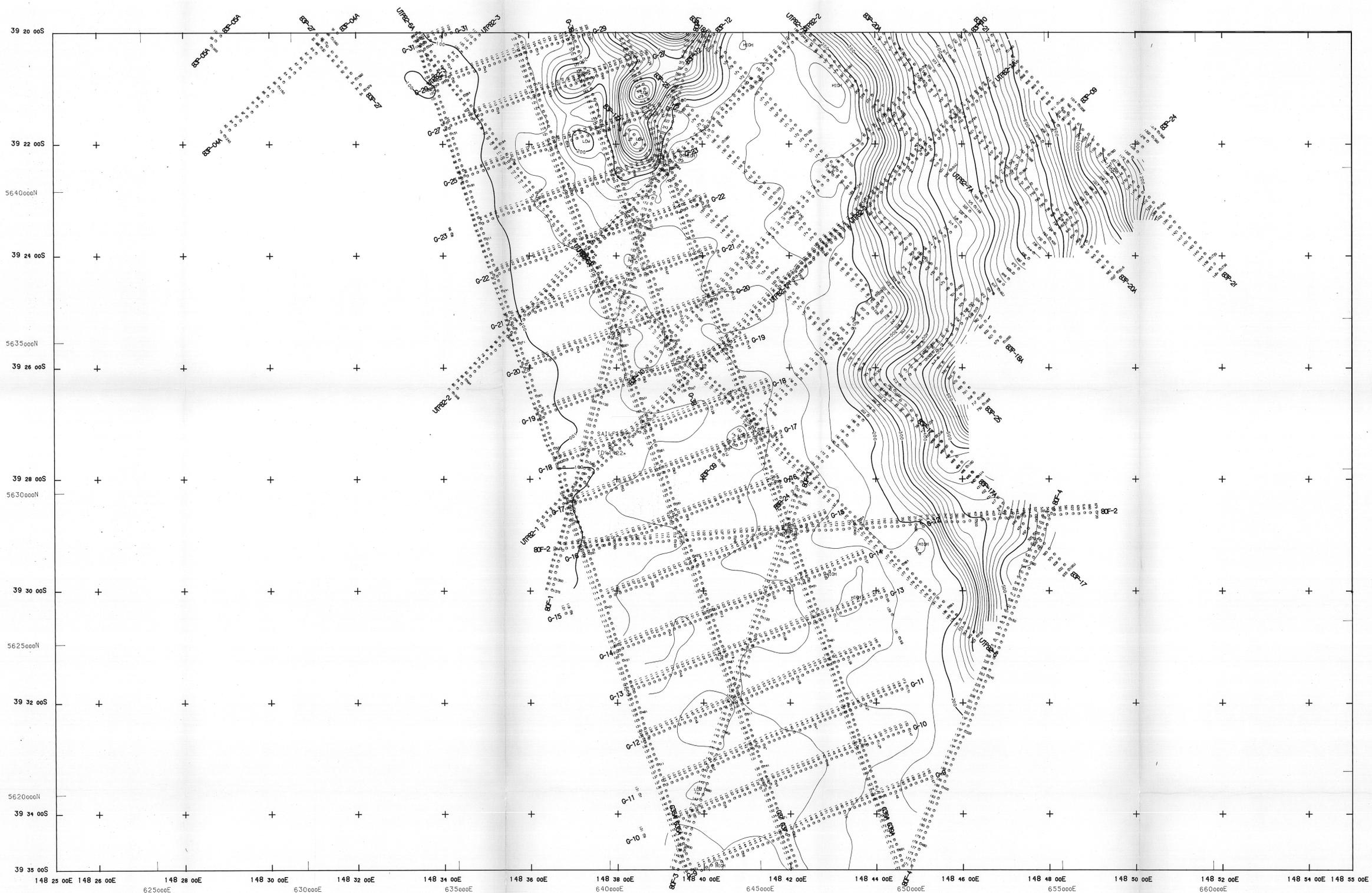


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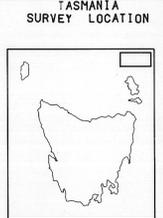
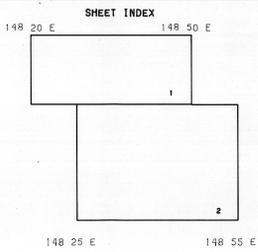
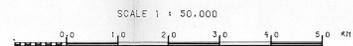
COMPILED BY GROUP COMPUTER SERVICES PTY LIMITED SNC506	
UNION TEXAS AUSTRALIA INC.	
GIPPSLAND BASIN TAS T13P AUSTRALIA	
TWO WAY TIME TO WATER BOTTOM	
GEOPHYSICAL EXPLORATION CONSULTANTS	
GEOPHYSICIST - I. BROWN	REPORT NO.
DATE - MARCH 1984	PLAN NO. 1
SHEET NO 1 OF 2	

OR-011



PROCESSING SPECIFICATIONS
 PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
 DATA RESHED AND GRIDDED AT 400 METRE INTERVALS
 HORIZONS CONTOURED AT 25 MILLISECOND INTERVALS

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 SMC506 106008

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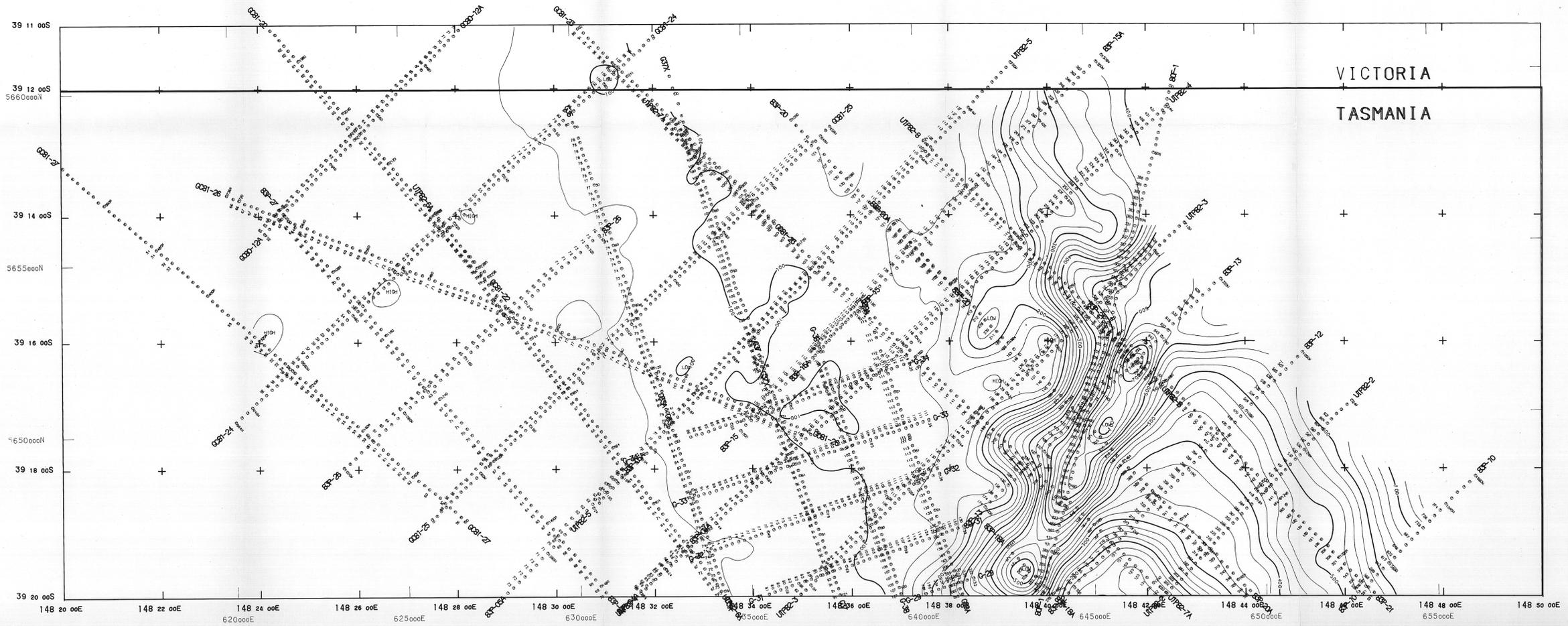
GIPPSLAND BASIN TAS T13P AUSTRALIA

TWO WAY TIME TO WATER BOTTOM

GEOPHYSICAL EXPLORATION CONSULTANTS

GEOPHYSICIST: I. BROWN	REPORT NO	SHEET NO 2 OF 2
DATE: MARCH 1984	PLAN NO 2	

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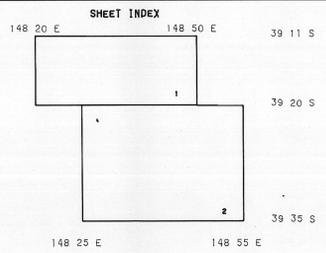
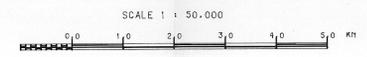
VICTORIA
TASMANIA



PROCESSING SPECIFICATIONS

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DATA PULSED AND GRIDDED AT 900 METRE INTERVALS
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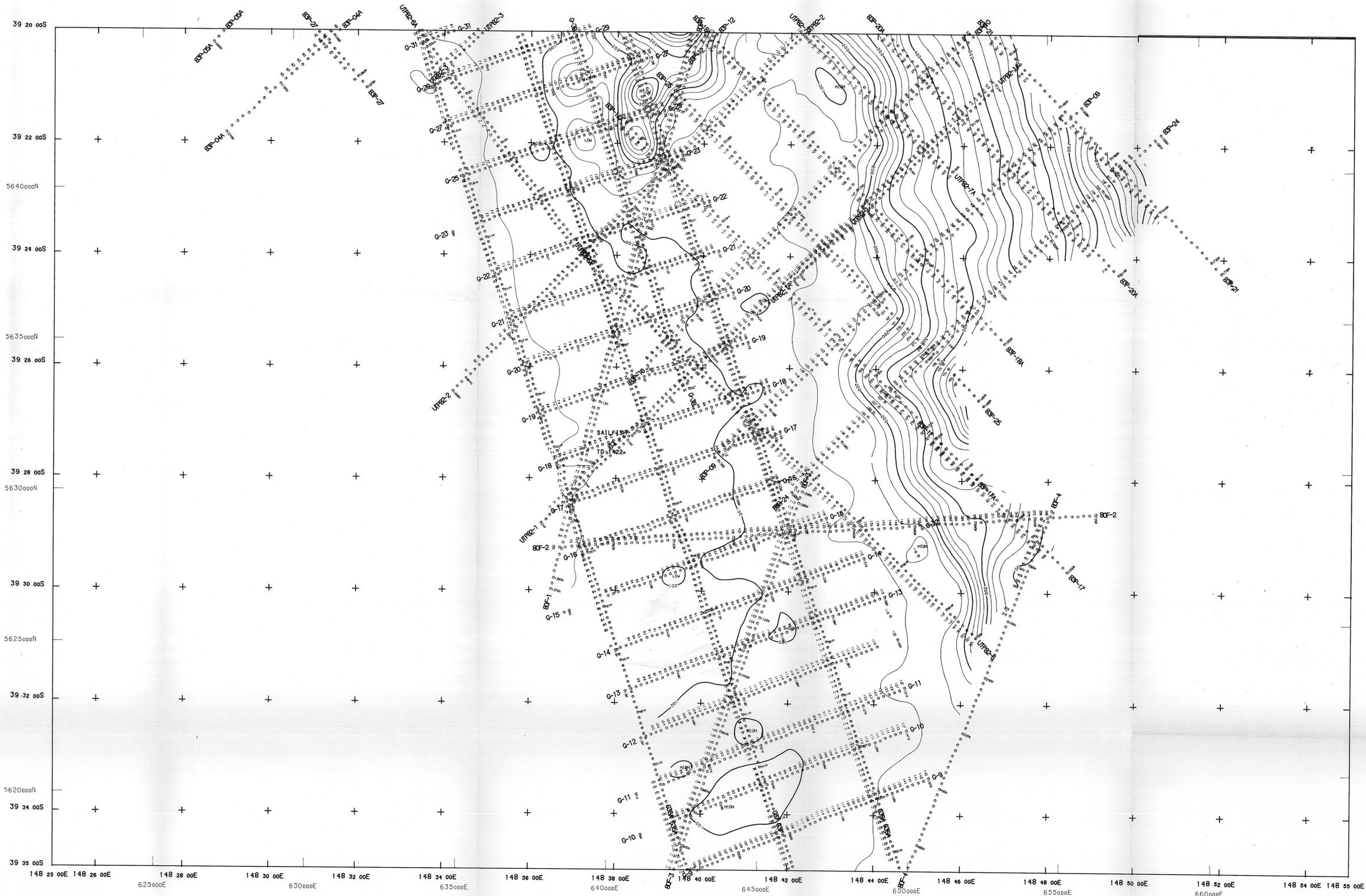


TASMANIA SURVEY LOCATION



COMPILLED BY GROUP COMPUTER SERVICES PTY LIMITED 310506	
UNION TEXAS AUSTRALIA INC.	
GIPPSLAND BASIN TAS T13P AUSTRALIA	
WATER DEPTH 106009	
GEOPHYSICAL EXPLORATION CONSULTANTS	
GEOPHYSICIST: I. BROWN	REPORT NO:
DATE: MARCH 1984	SHEET NO 1 OF 2
PLAN NO 2	

CR-011



PROCESSING SPECIFICATIONS

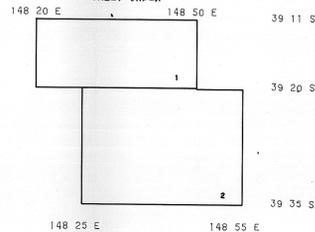
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SCALE 1 : 50,000



SHEET INDEX



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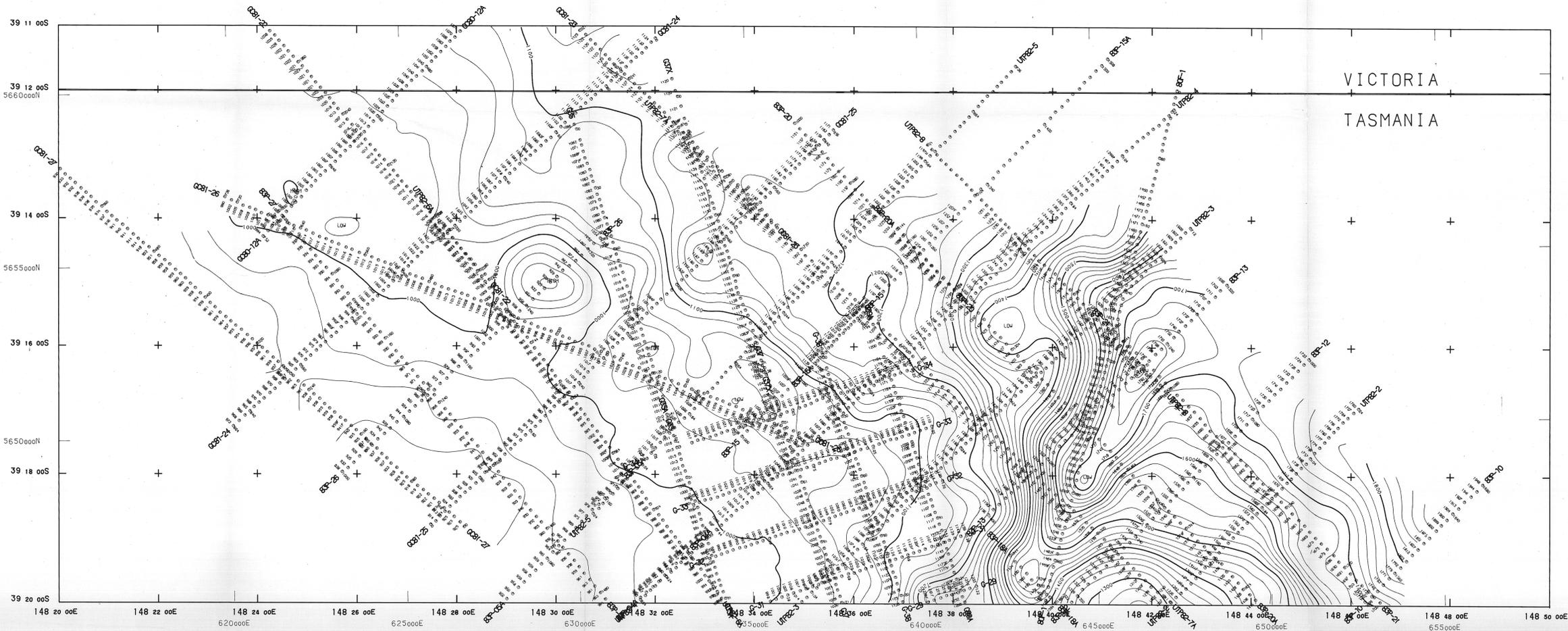


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 GROUP COMPUTER
 SERVICES PTY LIMITED
 SMC506

UNION TEXAS AUSTRALIA INC.
 GIPPSLAND BASIN TAS T13P
 AUSTRALIA
 WATER DEPTH
 106010

GEOPHYSICAL EXPLORATION CONSULTANTS
 GEOPHYSICIST : I. BROWN REPORT NO SHEET NO 2 OF 2
 DATE : MARCH 1984 PLAN NO 2

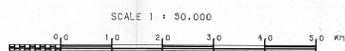
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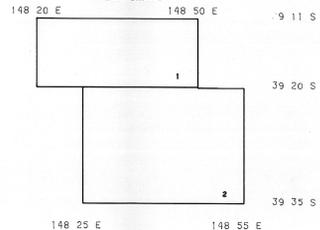
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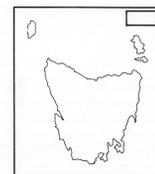
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SHEET INDEX



TASMANIA SURVEY LOCATION



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UNION TEXAS AUSTRALIA INC.

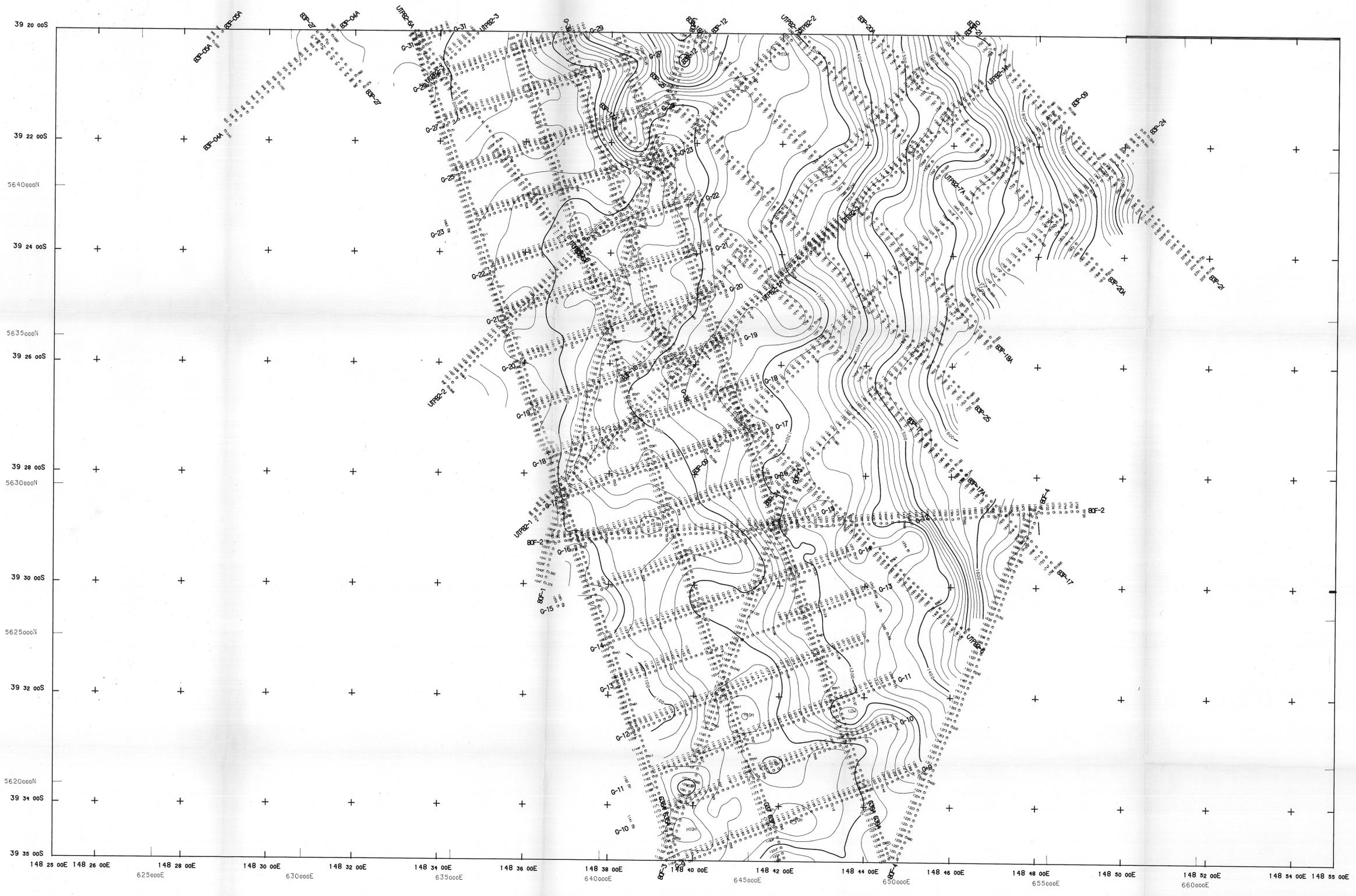
**GIPPSLAND BASIN TAS T13P
 AUSTRALIA**

**TIME STRUCTURE MAP
 (TWO WAY TIME)
 TOP LATROBE CLASTICS
 (GREEN EVENT)
 106011**

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GEOPHYSICIST - L. LEMMON	REPORT NO.
DATE - MARCH 1984	PLAN NO. 1

SHEET NO 1 OF 2

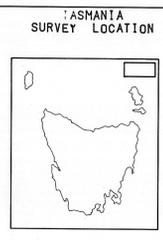
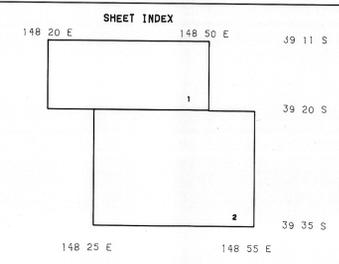
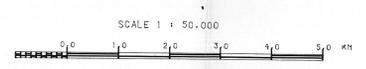
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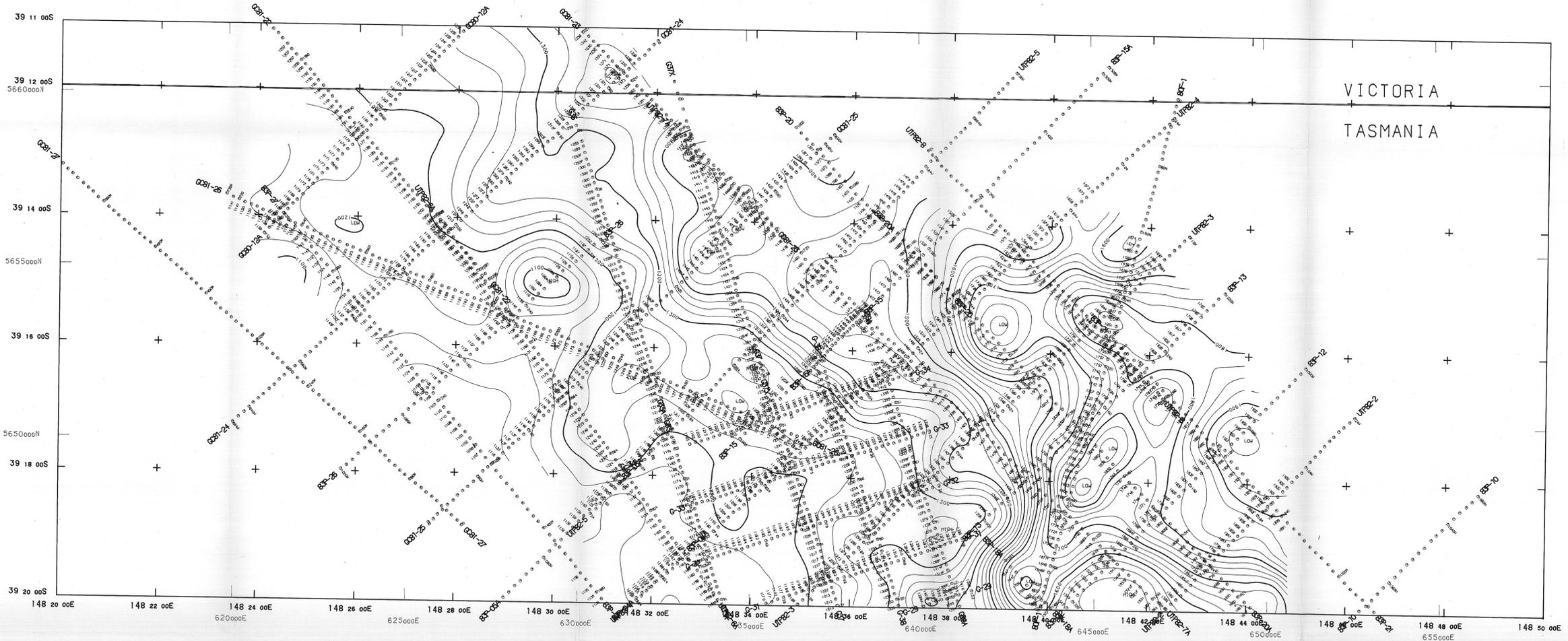
UNION TEXAS AUSTRALIA INC.

GIPPSLAND BASIN TAS T13P
 AUSTRALIA

TIME STRUCTURE MAP
 (TWO WAY TIME)
 TOP LATROBE CLASTICS
 (GREEN EVEN)
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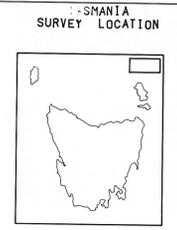
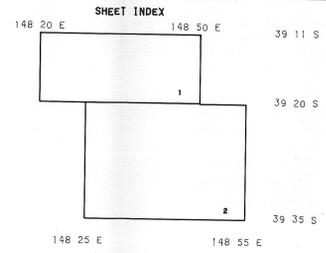
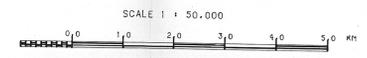
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DATE : MARCH 1984		PLAN NO 2	

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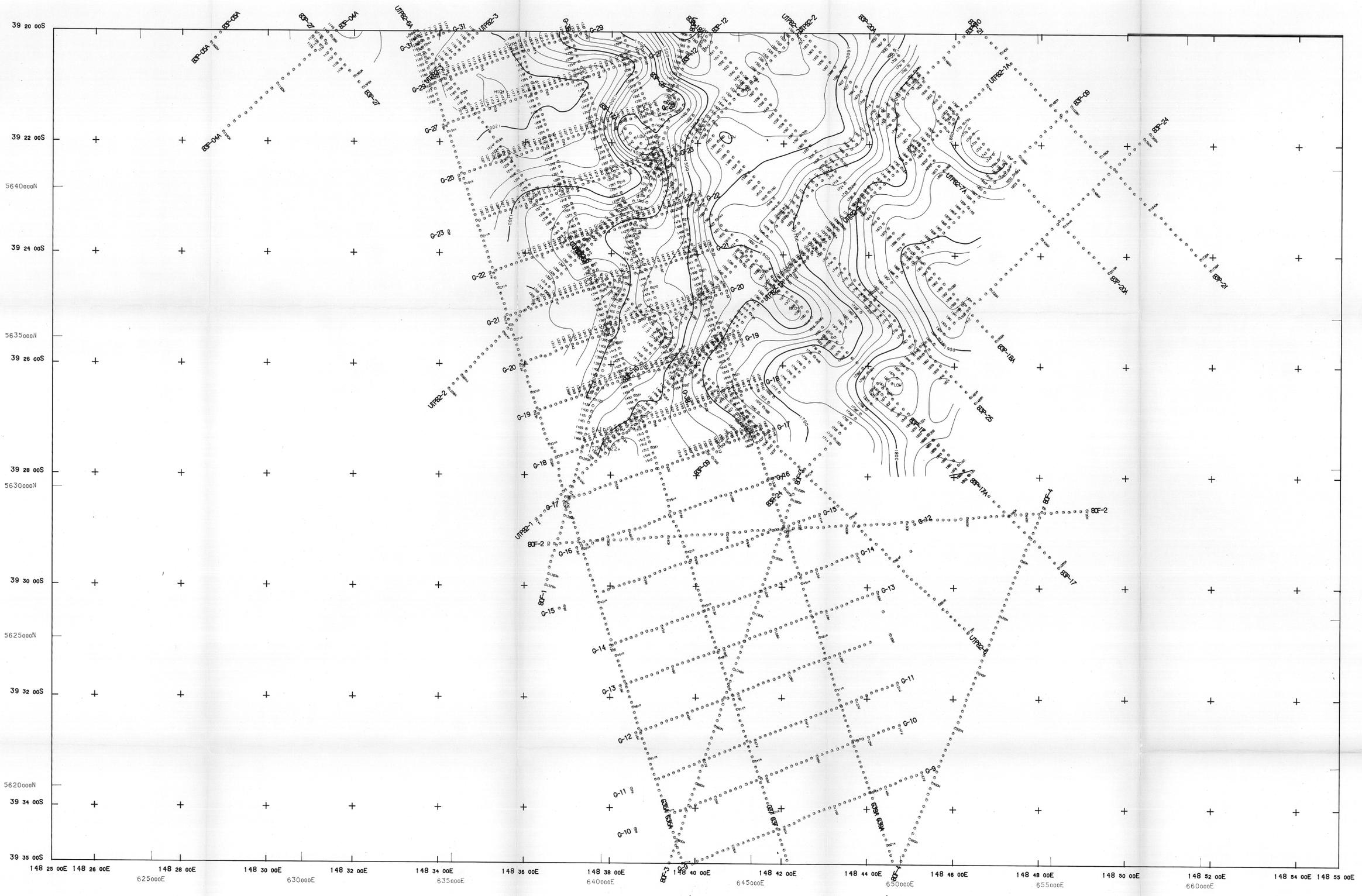
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 HORIZONS CONTOURED AT 25 METRE INTERVALS

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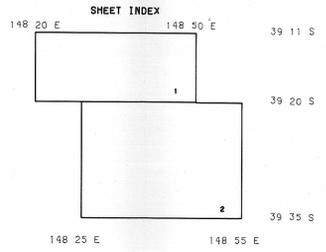
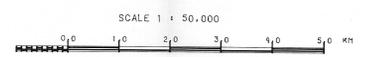
UNION TEXAS AUSTRALIA INC.
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 DEPTH TO TOP LATROBE CLASTICS HORIZON (GREEN EVENT) 100013
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 GEOPHYSICIST: I. BROWN REPORT NO. SHEET NO 1 OF 2
 DATE: MARCH 1984 PLAN NO 1

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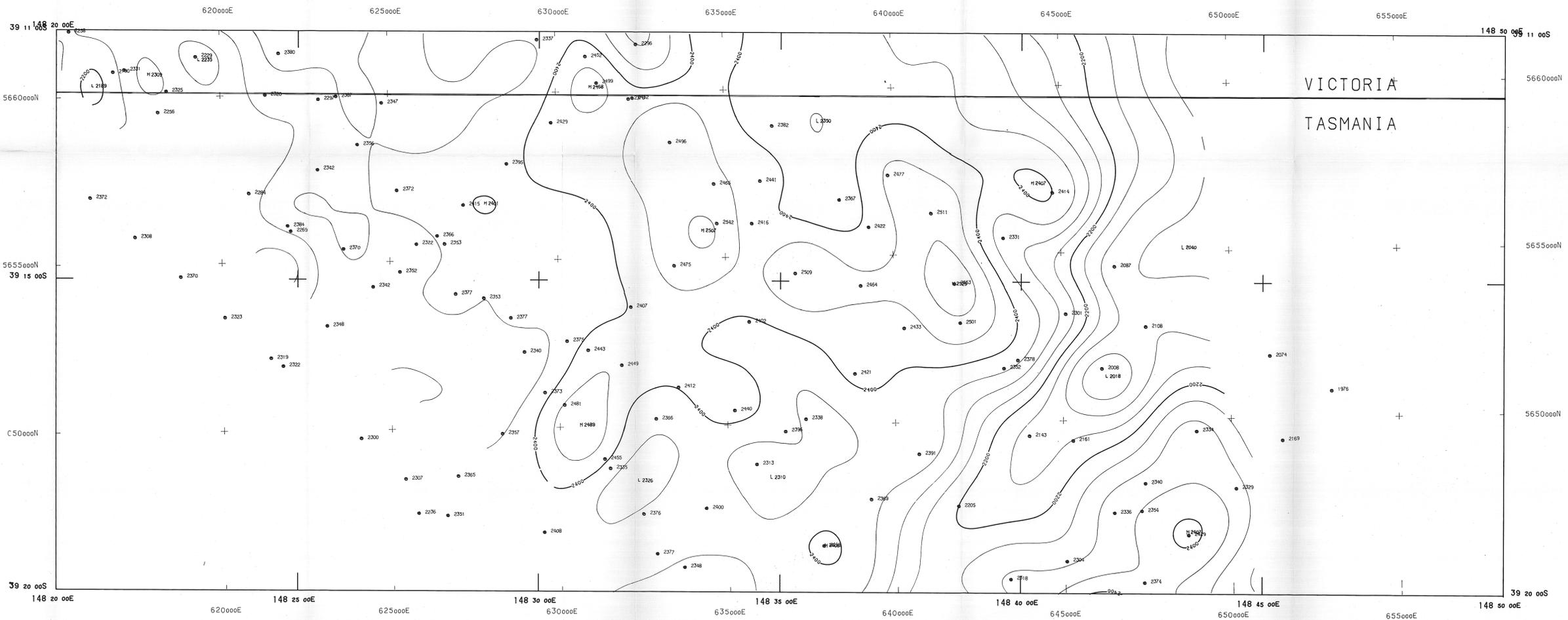


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UNION TEXAS AUSTRALIA INC.
 GIPPSLAND BASIN TAS T13P AUSTRALIA
 DEPTH TO TOP LATROBE CLASTICS HORIZON (GREEN EVENT)
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 GEOPHYSICAL EXPLORATION CONSULTANTS
 REPORT NO. SHEET NO 2 OF 2
 DATE: MARCH 1981 PLAN NO 2



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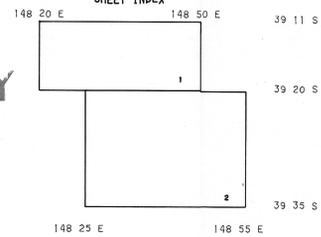
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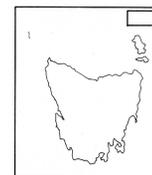
SCALE 1 : 50,000



SHEET INDEX



TASMANIA SURVEY LOCATION



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UNION TEXAS AUSTRALIA INC.

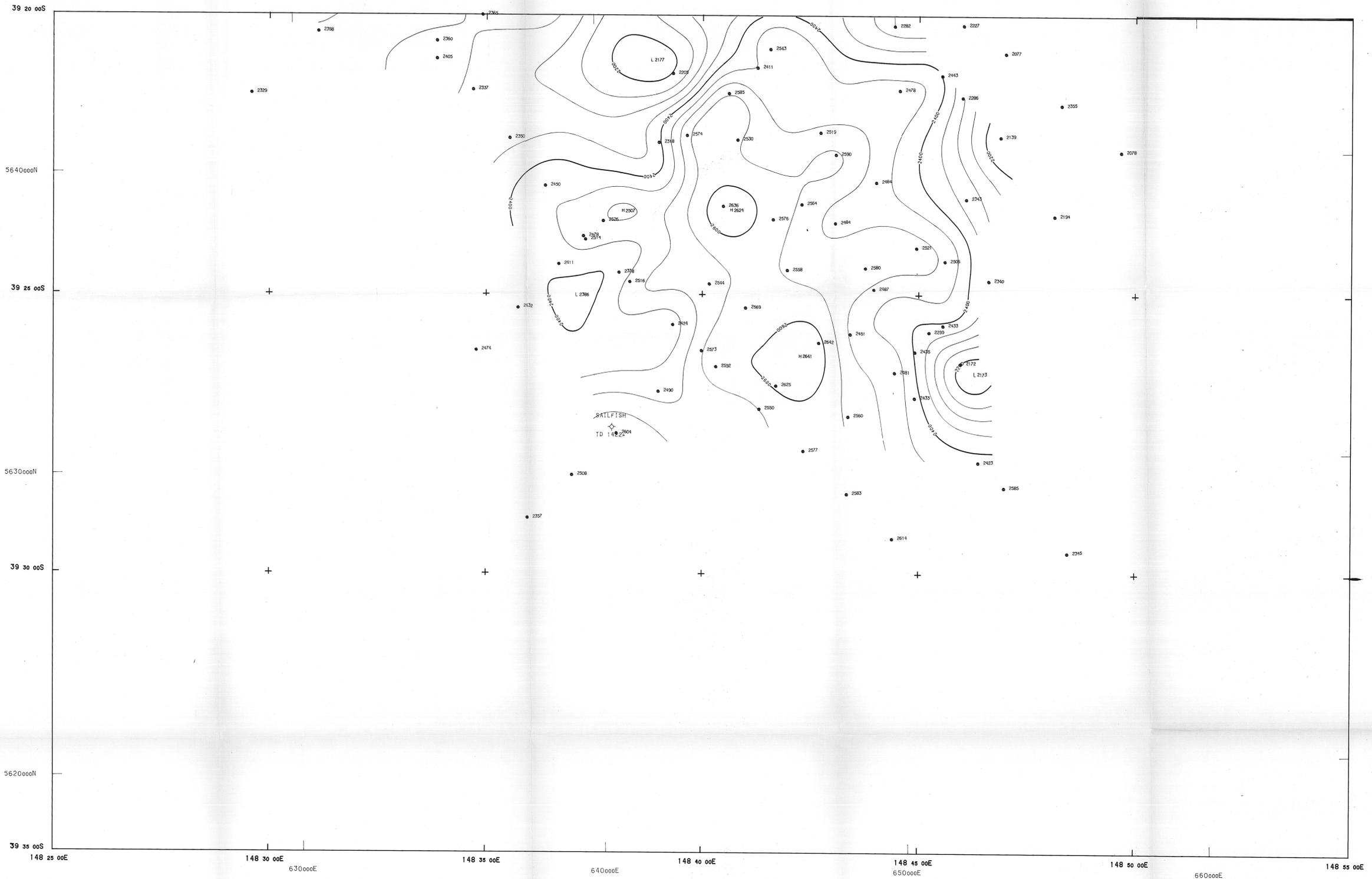
**GIPPSLAND BASIN TAS T13P
 AUSTRALIA**

**AVERAGE VELOCITY
 FROM SEA LEVEL TO
 TOP LATROBE CLASTICS HORIZON
 (GREEN EVENT)
 100015**

GEOPHYSICAL EXPLORATION CONSULTANTS

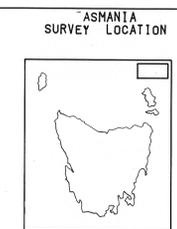
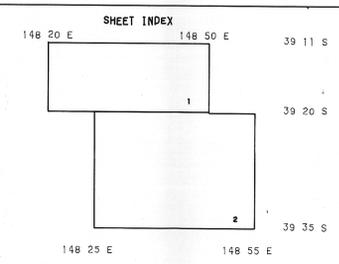
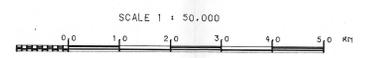
GEOPHYSICIST: I. BRUNNE REPORT NO. SHEET NO 1 OF 2
 DATE: MARCH 1984 PLAN NO 1

CR-011



PROCESSING SPECIFICATIONS
 PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
 DATA PULSED AND GRIDDED AT 400 METER INTERVALS.
 HORIZONS CONTOURED AT 50 M / SECOND INTERVALS.

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UNION TEXAS AUSTRALIA INC.

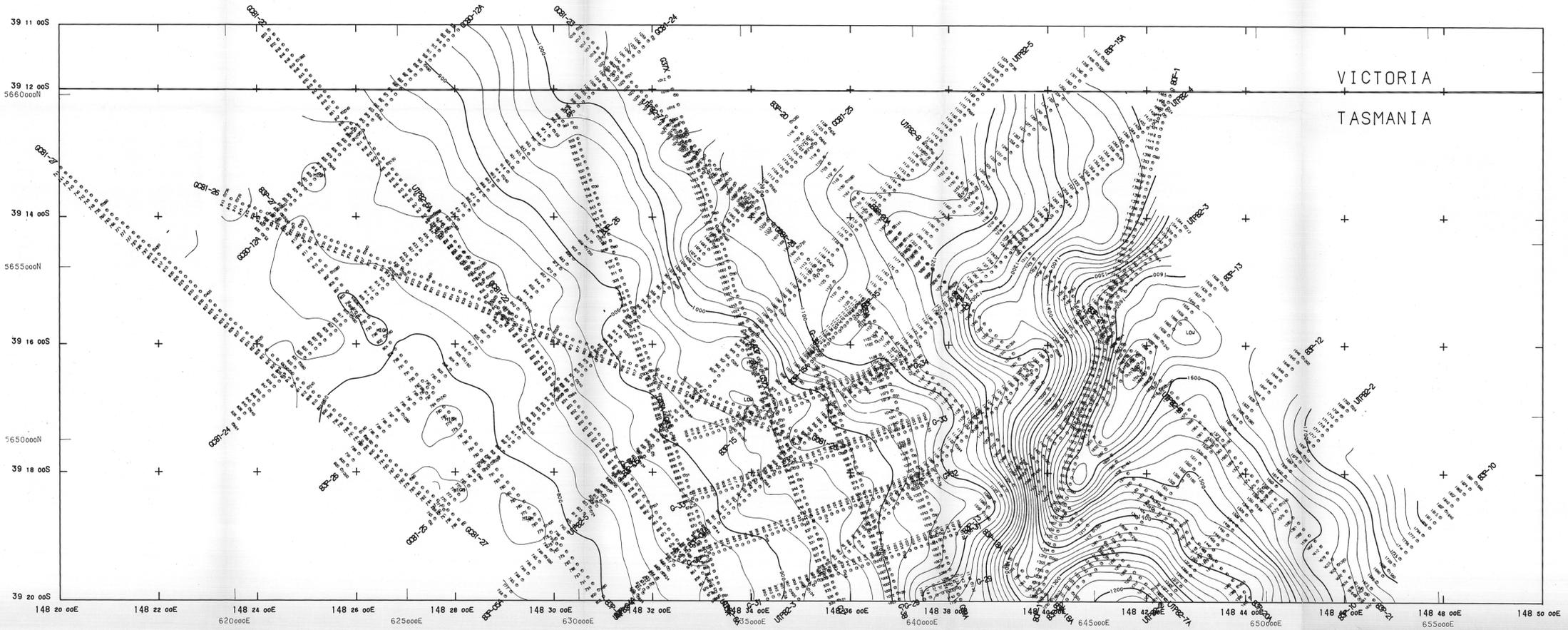
GIPPSLAND BASIN TAS T13P
 AUSTRALIA

AVERAGE VELOCITY
 FROM SEA LEVEL TO
 TOP LATROBE CLASTICS HORIZON
 (GREEN EVENT)
 1700.13

GEOPHYSICAL EXPLORATION CONSULTANTS

GEOPHYSICIST + L. BROWN	REPORT NO	SHEET NO 2 OF 2
DATE + MARCH 1984		PLAN NO 2

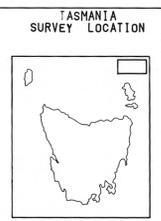
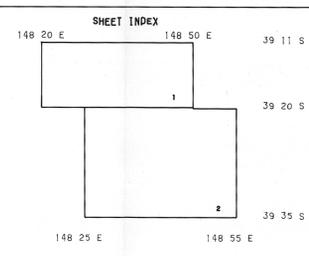
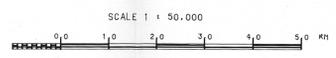
OR-011



VICTORIA
TASMANIA

PROCESSING SPECIFICATIONS
 PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
 DATA RESAMPLED AND GRADED AT 400 METRE INTERVALS
 HORIZONS CONTOURED AT 20 METRE INTERVALS

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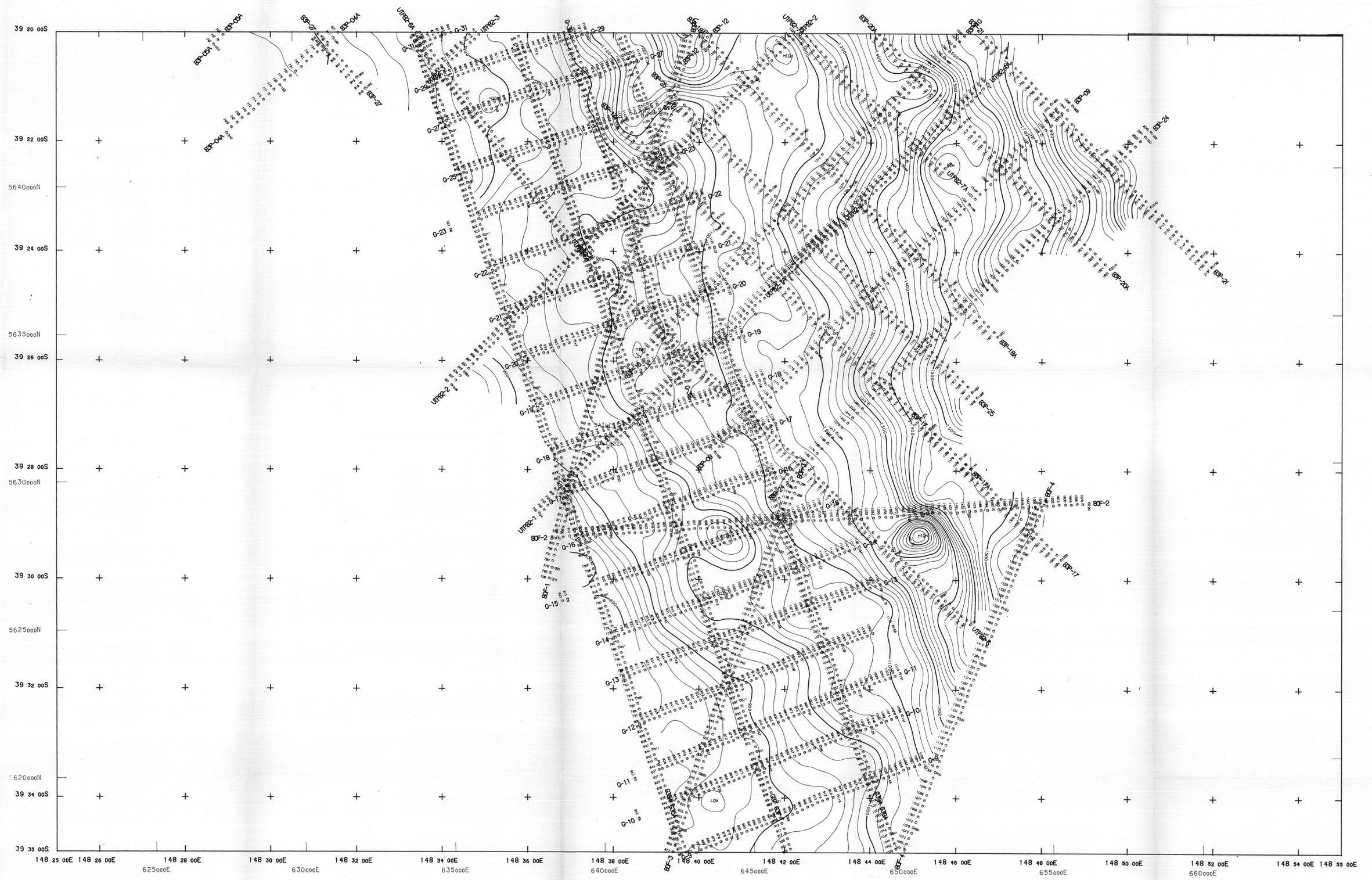
GIPPSLAND BASIN TAS T13P
 AUSTRALIA

TIME STRUCTURE MAP
 (TWO WAY TIME)
 INTRA-OLIGOCENE HORIZON
 (ORANGE EVENT)
 106017

GEOPHYSICAL EXPLORATION CONSULTANTS

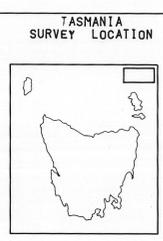
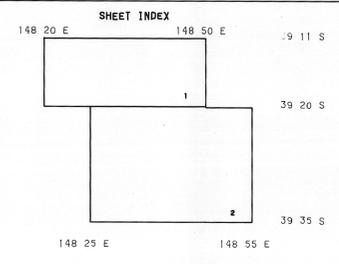
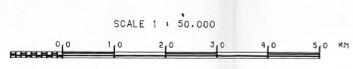
GEOPHYSICIST - L. BROWN	REPORT NO	SHEET NO 1 OF 2
DATE - MARCH 1984		PLAN NO 1

CR-C111



PROCESSING SPECIFICATIONS
 PICKED HORIZONS DIGITISED TO 500 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
 DATA RESHED AND GRIDDED AT 400 METRE INTERVALS
 HORIZONS CONTOURED AT 20 MILLISECOND INTERVALS.

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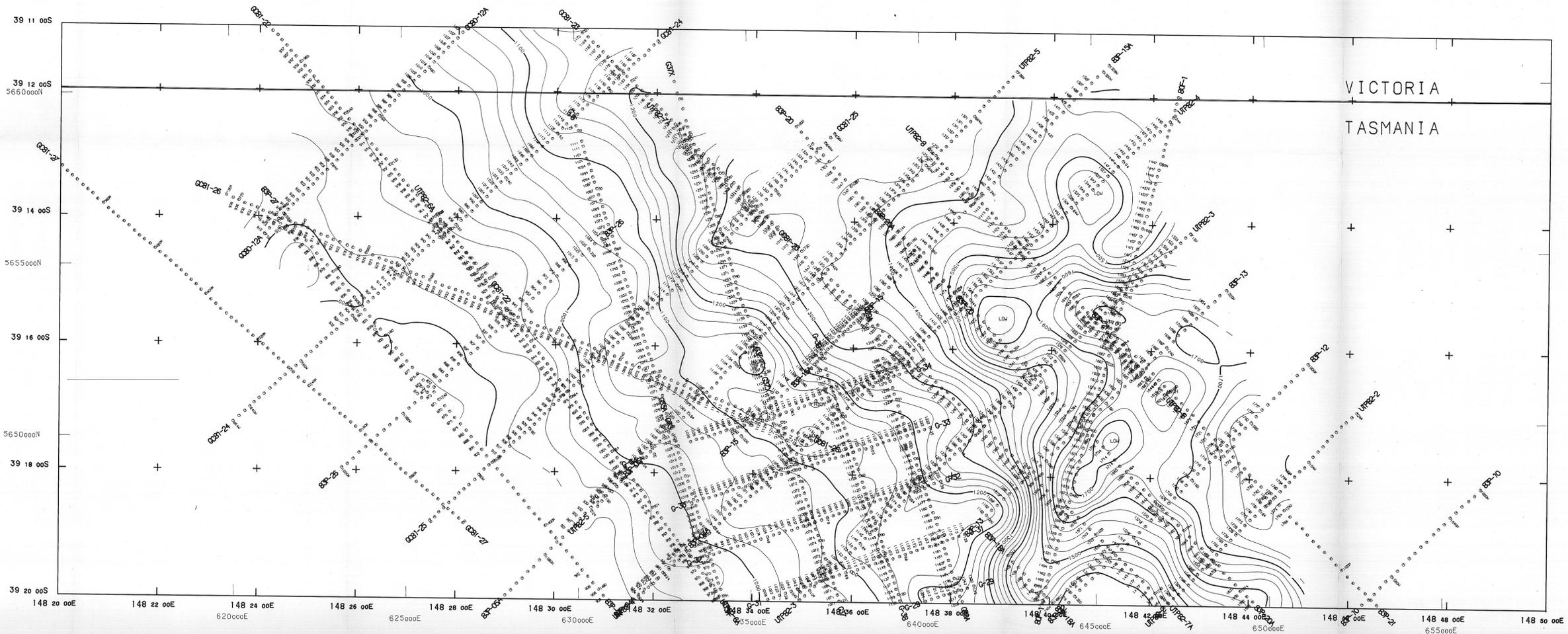
GIPPSLAND BASIN TAS T13P
 AUSTRALIA

TIME STRUCTURE MAP
 (TWO WAY TIME)
 INTRA-OLIGOCENE HORIZON
 (ORANGE EVENT)
 106618

GEOPHYSICAL EXPLORATION CONSULTANTS

GEOPHYSICIST : I. BROWN REPORT NO. SHEET NO 2 OF 2
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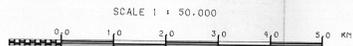
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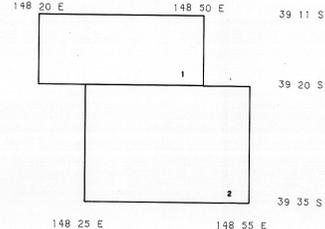
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PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
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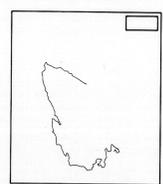
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SHEET INDEX



TASMANIA SURVEY LOCATION



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UNION TEXAS AUSTRALIA INC.

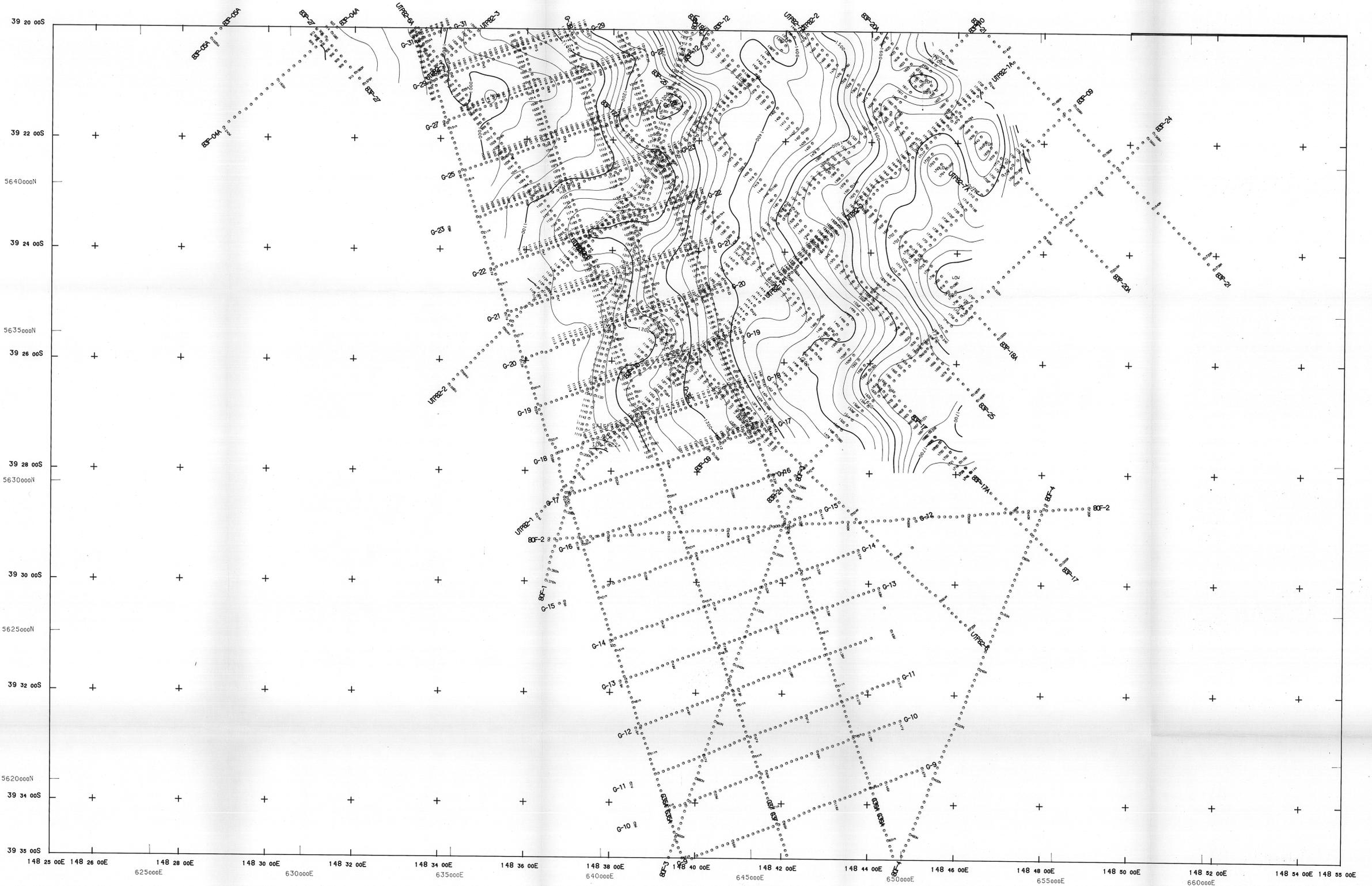
GIPPSLAND BASIN TAS T13P
 AUSTRALIA

DEPTH TO
 INTRA-OLIGOCENE HORIZON
 (ORANGE EVENT)
 106019

GEOPHYSICAL EXPLORATION CONSULTANTS

REPORT NO	SHEET NO 1 OF 2
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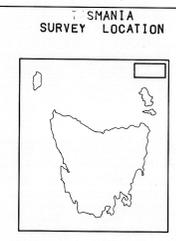
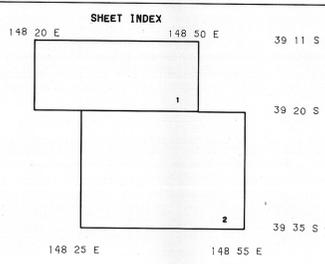
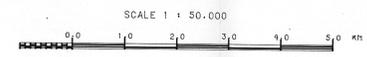
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PROCESSING SPECIFICATIONS

PICKED HORIZONS DIGITIZED TO 240 M INTERVALS AND MERGED WITH SHOTPOINT LOCATIONS
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 HORIZONS CONTOURED AT 25 METRE INTERVALS

PRELIMINARY COPY

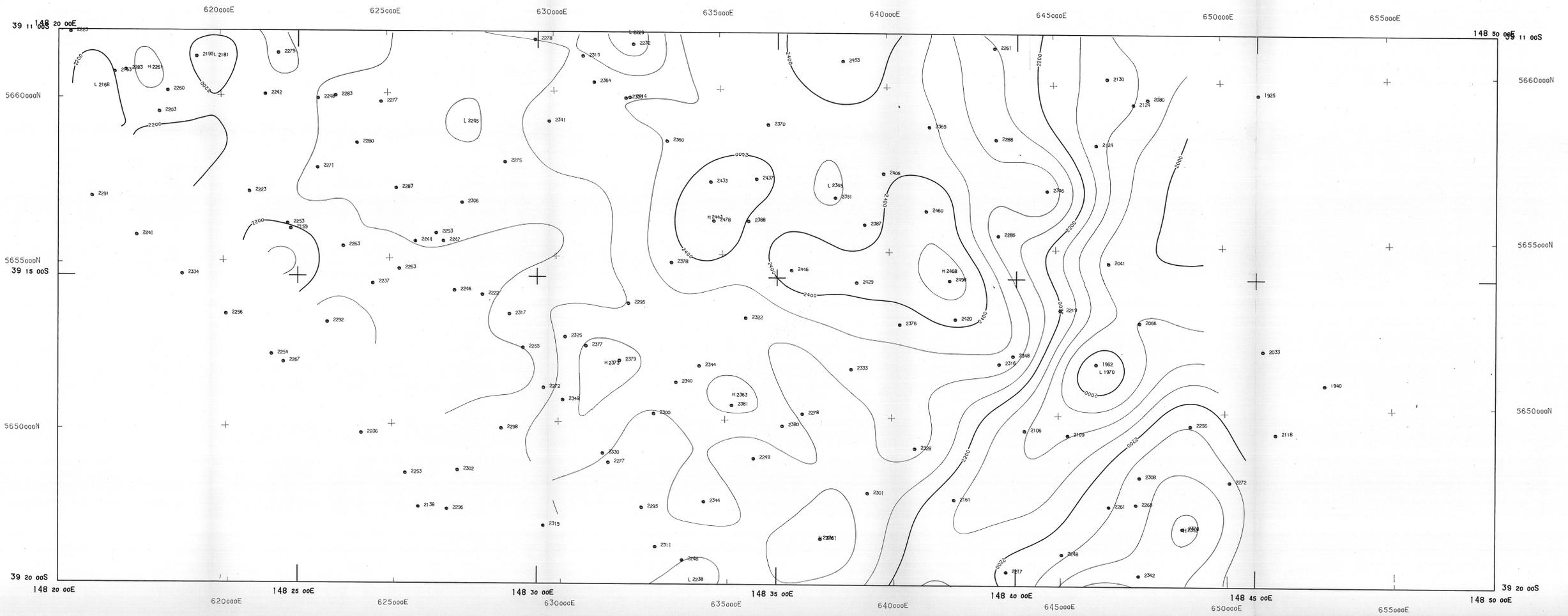


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GIPPSLAND BASIN TAS T13P AUSTRALIA

DEPTH TO INTRA-OLIGOCENE HORIZON (ORANGE EVENT) 106020

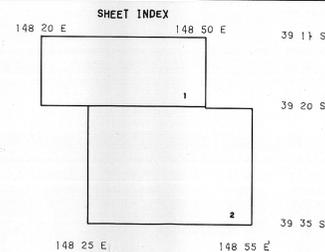
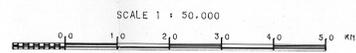
GEOPHYSICAL EXPLORATION CONSULTANTS
 REPORT NO. SHEET NO 2 OF 2
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PROCESSING SPECIFICATIONS

PLUMED HORIZONS DIGITIZED TO 240 M INTERVALS AND NEARED WITH SHOTPOINT LOCATIONS
 DATA NEARED AND GRIDDED AT 400 METRE INTERVALS.
 HORIZONS CONTOURED AT 50 M/SECOND INTERVALS.

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TASMANIA SURVEY LOCATION



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UNION TEXAS AUSTRALIA INC.
 GIPPSLAND BASIN TAS T13P
 AUSTRALIA
 AVERAGE VELOCITY
 FROM SEA LEVEL TO
 INTRA-OLIGOCENE HORIZON
 (ORANGE EVENT)
 106621

GEOPHYSICAL EXPLORATION CONSULTANTS
 Geophysicist: I. BROWN REPORT NO. SHEET NO 1 OF 2
 DATE: MARCH 1984 PLAN NO 1

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