

OIL and GAS DIVISION

FINAL STACK
 AIR GUN
 LINE: GAB1-67
 S.P. 1 to S.P. 2842

DEPT. NAT. RES & ENV
 PE902585
 LEGEND
 * = INTERSECTION
 V = VELOCITY ANALYSIS
 WATER DEPTH IN METRES
 NE
 SHOT DIRECTION = 225° DEGREES
 1 KM SCALE

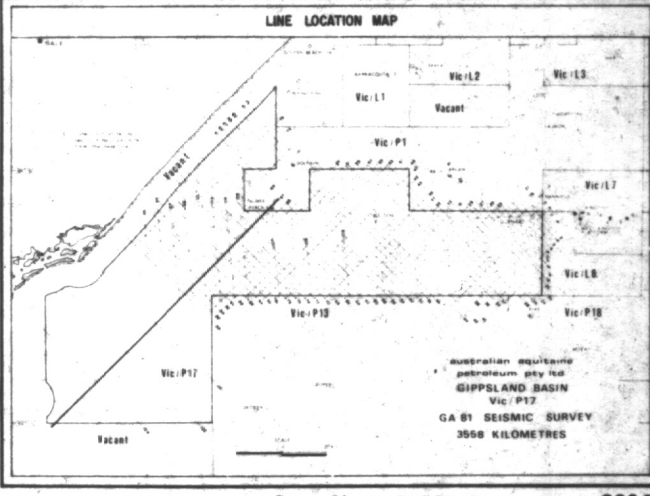
4800% TIME SECTION (STK, TVF, AGC)

**AUSTRALIAN AQUITAINE PETROLEUM
 GAB1 SEISMIC SURVEY**

AREA: VIC/P17

WESTERN G EOPHYSICAL DIVISION OF LITTON INDUSTRIES SINGAPORE DIGITAL CENTRE
 RECORDED NOVEMBER 1981
 PROCESSED JANUARY 1982
 FINAL REEL NO. 315029

RECORDING DATA		PROCESSING SEQUENCE PARAMETERS	
BOAT	Western Odyssey Party 86	EDIT	Demultiplex to trace sequential
Navigation	Magellan		Geophone amplitude ft. pt.
Map Locations	CDP Position		Sample rate 4 ms
Air Guns	4500 psi 500psi. in.	ATS	Summing 2 adjacent traces 4 ms
Gun Depth	6 m.	PRE-PROCESSOR	Date arranged into common depth families
S.P. Interval	25 m.		
Pop Interval	25 m.	D.B.S.	Geometric spreading compensation
Shooting Rate	40 Pops / m.		Correction to fixed point format
Page / S.P.	1		D.B.S. type - least squares
INSTRUMENTS	System OPS 33		Minimum phase inverse filter
Filter	0 Hz - 128 Hz		2 equal windows
Record Length	5 sec.		Auto corr. length 192 ms
Sample Rate	2 ms.		Min. prediction lag 12 ms
Format	Seg-3		Operator length 200 ms
Polarity	Normal		Sample rate 4 ms
CABLE	Streamer 2400 m.	VELOCITY ANALYSIS	Every 40 cdfs 2 cdfs / analysis
Group	96	N.M.O. STACK	4800% N.M.O. correction
Solenometers	20 per group		Sample rate 4 ms
Group Interval	25 m.	RESIDUAL	G.C. of stacking velocities
Lead In	245 m.		Restack if necessary
Cable Depth	11 m. average	T.V. FILTER	Slope 18-36 @ Oct.
			Time Zone L.C. H.C.
			1000 18 90
			1000 18 90
			2000 8 70
			4000 8 60
			5000 8 60
			Sample rate 4 ms
		GAIN	A.G.C. gain 500 ms. window
			Sample rate 2 ms
		SUBSAMPLING	Scale - Horizontal 10% / cm
			Vertical 10 cm / cm
			Sample rate 2 ms
			Geophone gain 13 dB

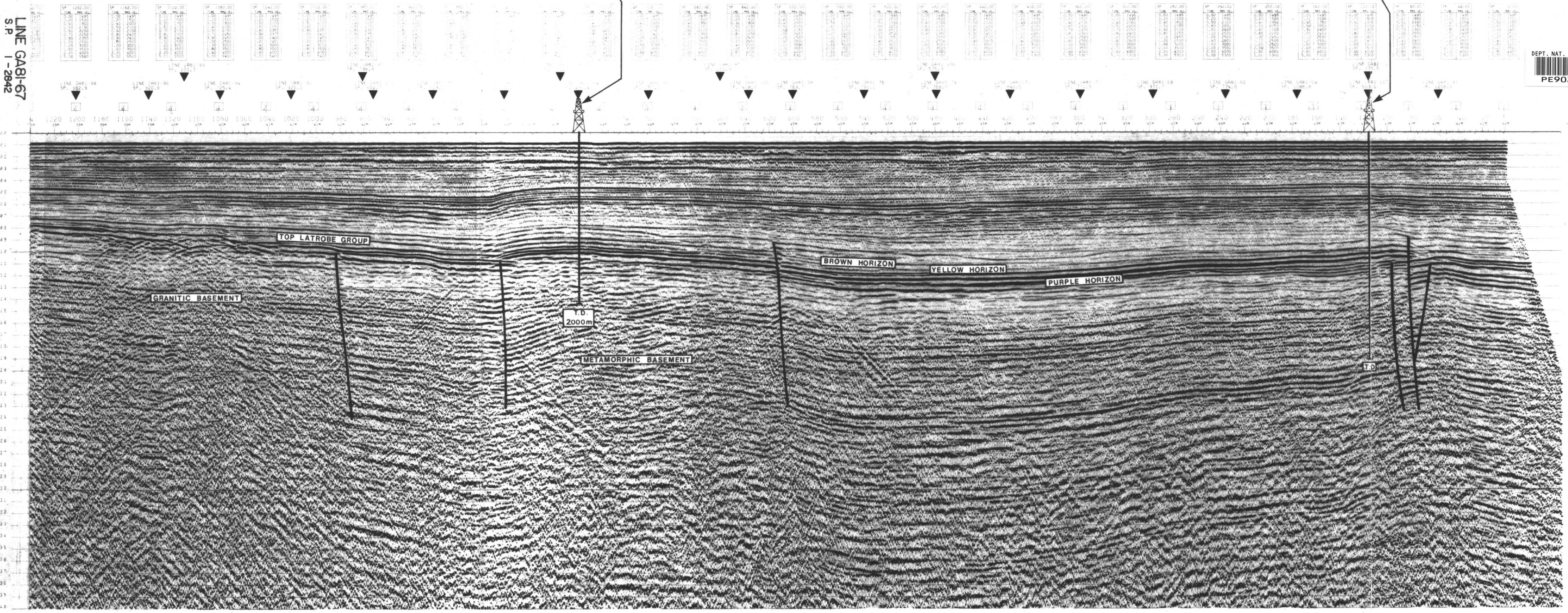


Base Plan: 21231 Dwg. No.: 22021

LINE GAB1-67
 S.P. 1-2842

KYARRA-1

PERCH-1



Base Plan: 21231 Dwg. No.: 22021