

ENCLOSURE 12

SOLE-2

**Composite Display –
Zero Phase Maximum
Band Width Filter
(normal polarity)**

-CGG-



BOREHOLE

DISPLAY V61

INTERPRETERS COMPOSITE
ZERO PHASE MAXIMUM BANDWIDTH FILTER
RIG SOURCE SURVEY

WELL : SOLE - 2
COMPANY : OMV AUSTRALIA PTY. LTD.
UTM WELL COORD. : 5 780 595.42 m N
676 059.05 m E
AREA : Permit VIC/RL3
COUNTRY : AUSTRALIA

POLARITY : SEG NORMAL
TIME SCALE : 10 CM/S
DEPTH SCALE : 1:10000
DATUM : MSL

VSP PROCESSING PARAMETERS

RIG SOURCE SURVEY:

BANDPASS FILTER 5,10 - 100,120 HZ
WAVEFIELD SEPARATION (1 WAVEFIELD, 5 TRACES)
DETERMINISTIC DECONVOLUTION (600 MS SIGNAL SEARCH WINDOW)
MAXIMUM BANDWIDTH FILTER 5,10 - 80,100 HZ
DIP FILTER (7 SAMPLE MEDIAN OPERATOR, 0 MS/TR DIP)
DATA TRANSPOSED WHERE APPLICABLE
POST MEDIAN FILTER 4,8 - 85,105 HZ

BOREHOLE TRACE
DIP FILTER (5 SAMPLE MEDIAN OPERATOR, 0 MS/TR DIP)
APPLIED TO TRANSPOSE DATA, THEN FIFTEEN TRACE REPEAT OF TRACE 3
TRACE EQUALISATION 500 MS

SYNTHETIC SEISMOGRAM PROCESSING DETAILS

SYNTHETIC SEISMOGRAM DERIVED FROM ACOUSTIC IMPEDANCE LOG DETAILS OF THE VELOCITY MODEL USED BETWEEN MEAN SEA LEVEL AND THE TOP OF THE RECORDED LOG MAY BE OBTAINED FROM THE SYNTHETIC SEISMOGRAM REPORT.

ZERO PHASE MAXIMUM BANDWIDTH FILTER (AS ABOVE).

