



BOREHOLE

DISPLAY VLI

INTERPRETERS COMPOSITE
ZERO PHASE SEISMIC MATCH 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 REVERSE
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)
SEISMIC MATCH BANDPASS FILTER 5,10 - 40,60 HZ
DIP FILTER (7 SAMPLE MEDIAN OPERATOR, 0 MS/TR DIP)
DATA TRANSPOSED WHERE APPLICABLE
POST MEDIAN FILTER 4,8 - 45,65 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 SEISMIC MATCH BANDPASS FILTER (AS ABOVE).

