



291290

CR-0098

Seismograph Service

DISPLAY VG1

BOREHOLE GEOPHYSICS DIVISION

RIG SOURCE SURVEY
VERTICAL SEISMIC PROFILE

WELL : FLINDERS-1
COMPANY : SAGASCO RESOURCES LTD
LOCATION : 40° 22' 51.810" N
 145° 40' 18.690" E

INTERPRETERS COMPOSITE
ZERO PHASE MAXIMUM BANDWIDTH FILTER

POLARITY : SEG REVERSE
TIME SCALE : 3.75 IN/SEC
DEPTH SCALE : 1:12500 (USP)

USP PROCESSING PARAMETERS

BANDPASS FILTER 3,6-100,150 HZ
DOWNWAVE SUBTRACTION
DETERMINISTIC DECONVOLUTION (1000 MS WINDOW)
MAXIMUM BANDWIDTH FILTER 5,10-40,60 HZ
DIP FILTER (9 SAMPLE MEDIAN OPERATOR, 0 MS/TRACE DIP)
DATA TRANSPOSED WHERE APPLICABLE
POST MEDIAN FILTER 3,6-50,70 HZ

BOREHOLE TRACE:
DIP FILTER (9 SAMPLE MEDIAN OPERATOR, 0 MS/TRACE DIP)
APPLIED TO TRANSPOSED DATA, THEN FIVE TRACE REPEAT OF TRACE 5.
TRACE EQUALISATION APPLIED TO ALL PANELS

SYNTHETIC SEISMOGRAM PROCESSING PARAMETERS

SYNTHETIC SEISMOGRAM DERIVED FROM THE ACOUSTIC IMPEDANCE LOG.
DETAILS OF THE VELOCITY MODEL USED BETWEEN SEA BED AND THE TOP OF THE RECORDED LOG MAY BE OBTAINED FROM THE SYNTHETIC SEISMOGRAM REPORT.
MAXIMUM BANDWIDTH FILTER (AS ABOVE).
TRACE EQUALISATION

REMARKS

