

WELL : FLINDERS-1  
 LOCATION : 40° 22' 51.81" N  
 145° 40' 18.69" E  
 COMPANY : SAGASCO RESOURCES LTD.

SYNTHETIC SEISMOGRAM (MARINE)

DISPLAY S2  
 CONVOLVED RESPONSES  
 (MINIMUM PHASE)

POLARITY : SEG NORMAL  
 TIME SCALE : 3.75 IN/S

SYNTHETIC SEISMOGRAM PARAMETERS

PRINCIPAL DATA : CALIBRATED VELOCITY LOG  
 SUPPLEMENTARY DATA : DENSITY, CALIPER LOGS  
 : S92A-117  
 LOG DATA DIGITISING : CONTINUOUSLY IN DEPTH  
 SOURCE TYPE (SEISMIC) : LITTON LOW PRESSURE AIRGUN  
 SOURCE DEPTH (SEISMIC) : 6 +/- 0.5 M  
 DETECTOR DEPTH (SEISMIC) : 10 +/- 1.5 M  
 SYNTHETIC TIME-LAYER INTERVAL : 1 MS (TWO-WAY)  
 DEPTH SCALE : NON-LINEAR IN M  
 DATUM : MSL  
 SURFACE REFLECTION COEFFICIENT : 0.18  
 VELOCITY MODEL : DEPTH (M) VELOCITY (M/S)  
 0 - 69.3 1524  
 69.3 - 327.7 1943  
 327.7 - TOL\* 2216  
 VERTICAL DEPTHS BELOW DATUM  
 \* DENOTES UNREALISTIC REFLECTION  
 COEFFICIENT OMITTED DURING CALCULATIONS  
 REMARKS :  
 CONVOLUTION WAVELET : 35 HZ MINIMUM PHASE RICKER &  
 TIME VARIANT BAND PASS FILTER :  
 0.0 S - 1.0 S 8, 12-70, 80  
 1.0 S - 2.0 S 8, 12-70, 80  
 2.0 S - 3.0 S 8, 10-60, 70  
 LINEAR OVERLAP BETWEEN FILTERS  
 POLARITY : SEG NORMAL (INCREASE IN ACOUSTIC  
 IMPEDANCE REPRESENTED BY A WHITE TROUGH)

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

