

WELL : KING-1  
 LOCATION : 39° 35' 24.331" S  
 145° 31' 08.780" E  
 COMPANY : SAGASCO RESOURCE LTD.

SYNTHETIC SEISMOGRAM (MARINE)

DISPLAY S2  
 CONVOLVED RESPONSES  
 (MINIMUM PHASE)

POLARITY : SEG REVERSE  
 TIME SCALE : 3.75 IN/S

SYNTHETIC SEISMOGRAM PARAMETERS

PRINCIPAL DATA : CALIBRATED VELOCITY LOG  
 SUPPLEMENTARY DATA : DENSITY, CALIPER LOGS  
 SEISMIC LINE HB77A-306  
 LOG DATA DIGITISING : CONTINUOUSLY IN DEPTH  
 SOURCE TYPE (SEISMIC) : AIRGUN  
 SOURCE DEPTH (SEISMIC) : 8 M AVERAGE  
 DETECTOR DEPTH (SEISMIC) : 11.5 M AVERAGE  
 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)  
 0.0 - 72.5 1524  
 72.5 - 277.7 1963  
 277.7 - 477.7 2002  
 477.7 - 677.7 1916  
 677.7 - 877.7 2193  
 877.7 - TOL\* 2362  
 \* DENOTES UNREALISTIC REFLECTION  
 COEFFICIENT OMITTED DURING CALCULATIONS  
 REMARKS :  
 CONVOLUTION WAVELET : 25 HZ MINIMUM PHASE RICKER &  
 TIME VARIANT BAND PASS FILTER :  
 0.0 S - 1.5 S 3, 6-70, 100 HZ  
 1.5 S - 2.0 S 3, 6-55, 80 HZ  
 LINEAR OVERLAP BETWEEN FILTERS  
 POLARITY : SEG REVERSE (INCREASE IN ACOUSTIC  
 IMPEDANCE REPRESENTED BY A BLACK PEAK)

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

