

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 NORMAL
 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
 VERTICAL DEPTHS BELOW DATUM
 * 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 NORMAL (INCREASE IN ACOUSTIC
 IMPEDANCE REPRESENTED BY A WHITE TROUGH)

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

