

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

SYNTHETIC SEISMOGRAM (MARINE)

DISPLAY S1
 CONVOLVED RESPONSES
 (ZERO 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
72.5	1524
72.5	277.7
1963	277.7
1963	477.7
2002	477.7
2002	677.7
1916	677.7
1916	877.7
2193	877.7
2193	TOL*
2362	TOL*

VERTICAL DEPTHS BELOW DATUM
 * DENOTES UNREALISTIC REFLECTION
 COEFFICIENT OMITTED DURING CALCULATIONS

REMARKS :

CONVOLUTION WAVELET : 25 HZ ZERO PHASE RICKER &
 TIME VARIANT BAND PASS FILTER :
 0.0 S - 1.5 S 3,6-70,100 HZ
 1.5 S - 2.0 S 3,6-55,60 HZ
 LINEAR OVERLAP BETWEEN FILTERS

POLARITY : SEG NORMAL (INCREASE IN ACOUSTIC
 IMPEDANCE REPRESENTED BY A WHITE TROUGH)

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

