



# Vertical Seismic Profile

## COMPOSITE DISPLAY

Company: **W.U.G.S.**  
 Well: **Iona 4**  
 Field: **Iona**  
 County: **Australia**  
 State: **Victoria**  
 SRD: **MSL**  
 Job Ref No.: **561286**

Source Type: **Airgun**  
 Offset: **424.5 m**  
 Azimuth: **263 deg.**

APPENDIX 7  
 Plot 2  
 Composite Display Normal Polarity



Correlation Curve **GAMMA RAY CALIPER**

Correlation Curve **RESISTIVITY**

Correlation Curve **DENSITY**

**SONIC**

**SONIC INTERVAL VELOCITY**

**ACOUSTIC IMPEDANCE**

**REFLECTION COEFFICIENT**

Zero Phase Ricker Wavelet 35 HZ  
 Increase in Acoustic Impedance is a Peak  
 Increase in Acoustic Impedance is a Trough

Zero Phase Ricker Wavelet 30 HZ  
 Increase in Acoustic Impedance is a Peak  
 Increase in Acoustic Impedance is a Trough

Zero Phase Ricker Wavelet 25 HZ  
 Increase in Acoustic Impedance is a Peak  
 Increase in Acoustic Impedance is a Trough

Plot #2 Composite Display ( Normal Polarity)

Processing Steps:

- (1) Load Data
- (2) Edit Bad Records
- (3) Z Component Median S

Display Parameters:  
 Scale: 25 cm/s  
 Normal Polarity: Increase in Acoustic Impedance is a Trough

