

Check Shot Survey

# VELOCITY CROSS PLOT

Company: W.U.G.S.  
Well: Iona 3  
Field: Iona  
Country: Australia  
State: Victoria  
SRD: MSL  
Job Ref No.: 5611287

Source Type: Airgun  
Offset: 300 m  
Azimuth: 216.5 deg.

Plot #4 Velocity Crossplot

Processing Steps:

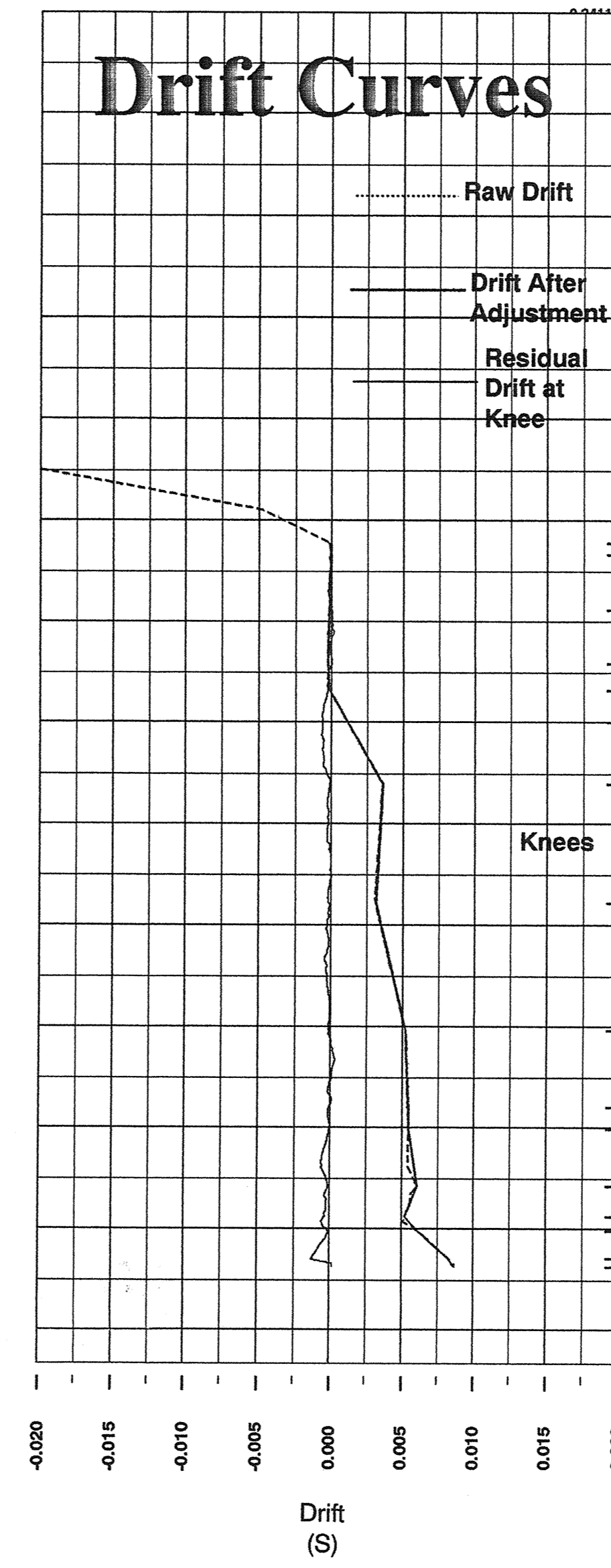
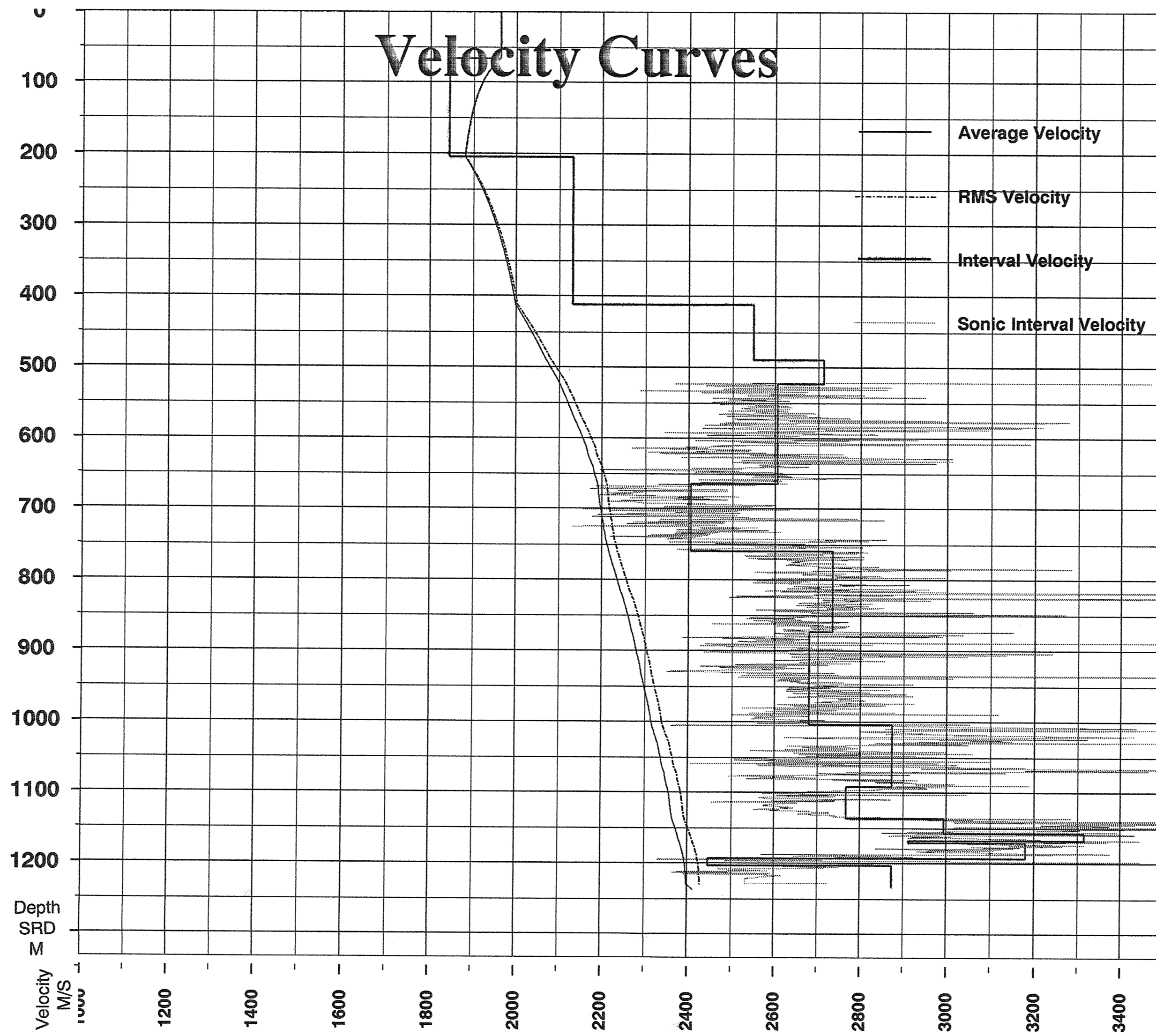
- (1) Load Data
- (2) Edit Bad Records
- (3) Z Component Median Stack
- (4) Peak Break Time
- (5) Static Shifting to SRD : -0.0738 S
- (6) VSP Velocities Calculation
- (7) Sonic Editing
- (8) Sonic Adjustment to VSP Transit Time
- (9) Sonic Velocities Calculation

Display Parameters:

Depth Scale: 1:5000  
trace offset: Vertical Depth



APPENDIX 4  
Plot 4  
Velocity Cross-Plot



Observed Time (s)	Vertical Time From SRD (s)	Vertical Depth From SRD (m)	Measured Depth From KB (m)	Shot Number
0.208	0.034	66.0	201.0	1
0.247	0.108	204.0	339.0	2
0.317	0.206	412.0	547.0	3
0.341	0.236	488.9	624.0	4
0.351	0.249	522.9	658.0	5
0.395	0.303	663.8	800.0	6
0.428	0.343	759.4	900.0	7
0.462	0.384	872.9	1026.0	8
0.504	0.433	1003.6	1182.0	9
0.533	0.464	1091.7	1287.0	10
0.549	0.480	1136.0	1340.0	11
0.566	0.487	1167.0	1387.0	12
0.571	0.488	1182.4	1407.0	13
0.582	0.513	1234.0	1456.0	17