

Appendix 4.4

Equipments used for Measurements and Analysis

Table 1 Vibration Sensor Equipments Used for Measurements

Accelerometer/ Geophone	Charge Amp/ Preamp	Number of Units
Geospace Digiphone (Geophone)	WIA Geophone Preamplifier	8
Endevco 7701A 1000 Accelerometre	WIA 112L Charge Amplifier	4
Wilcoxon M408 Accelerometre	WIA 112L Charge Amplifier	4
Wilcoxon Model 731A Seismic Accelerometre	Wilcoxon P31 and WIA seismic current power supplies	3

Table 2 Other Equipments Used in Testing and Analysis

Instrument	Manufacturer/Model No.	Number
22-Channel Spectrum Analyser,	B&K Pulse, Model 3560D,	1
2-Channel Conditioning Amplifier	WIA Type 222	2
4-channel Conditioning Amplifier	B&K Nexus, Type 2693 A 014	2
8-channel DAT Recorder	Teac RD135T	1
8-channel DAT Recorder	Teac RD130	1
20 kg vacuum assisted impact hammer with load cell	WIA	1
Strain Gauge Preamplifier	WIA	1
Downhole triaxial accelerometre housing and depth to surface data cable	WIA	1