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## **Appendix C**

***Great South Land Minerals 2007 Zeehan Zinc 2D Operations Report***

**Terrex Seismic**

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# **GREAT SOUTH LAND MINERALS 2007 ZEEHAN ZINC 2D SEISMIC SURVEY**



## **OPERATIONS REPORT**

**MARCH - MAY 2007**

**BY**

**D.T. REA**

**OF**

**TERREX SEISMIC  
U2 / 37 HOWSON WAY  
BIBRA LAKE  
WESTERN AUSTRALIA 6163**



## TABLE OF CONTENTS

	<u>PAGE</u>
<b>1. INTRODUCTION</b>	
1.1 Geographical Area .....	4
1.2 Weather .....	5
1.3 Logistics .....	5
<b>2. SURVEY</b>	
2.1 Ranging / Chaining / Surveying .....	6
2.2 Line Clearing .....	6
2.3 Permitting .....	6
<b>3. RECORDING / PROCESSING</b>	
3.1 Recording Parameters .....	7
3.2 Recording .....	8
3.3 Processing .....	9
<b>4. APPENDICES</b>	
(A) Equipment Specifications .....	See Marker
(B) Vehicle Equipment List .....	See Marker
(C) Tape Listing .....	See Marker
(D) HSE Policy & OH&S Standards .....	See Marker
(E) End of Contract HSE Summary .....	See Marker
(F) Personnel .....	See Marker
(G) Daily Reports .....	See Marker
(H) Recording Statistics .....	See Marker

## 1.0 INTRODUCTION

Terrex Seismic was contracted by Great South Land Minerals to conduct the Zeehan Zinc 2D Seismic Survey in Tasmania. The crew mobilised on the 9th of March to Launceston via aircraft then traveled to Devonport to pick up vehicles and equipment and continued on to Zeehan to start the program. Testing and acquisition commenced on the 20<sup>th</sup> of March 2007 and the program was completed on the 7<sup>th</sup> of May 2007.

### 1.1 GEOGRAPHICAL AREA

The Zeehan Zinc 2D grid is situated approx. 150 kms south/south west of Burnie. For the majority of the Zeehan portion of the prospect, the seismic lines were recorded on existing roads – with the exception of line TB02b-ZB which followed the Mariposa tram line.

#### Total Area:

**Zeehan: 064.450 kms**



**Line conditions on the Mariposa tram line**

## **1.2 WEATHER**

The weather conditions during the acquisition period were predominantly fine although 9.8 hours of standby time was recorded due to wet weather.

## **1.3 LOGISTICS**

All recording equipment and vehicles were mobilised from Alice Springs in the Northern Territory by Terrex personnel.

Access to the lines was via local roads, recording lines and farm tracks.

Traffic management for the Zeehan prospect was provided by Terrex personnel and vehicles.

Accommodation and meals for Terrex personnel and traffic controllers was provided by the Heemskirk Hotel Motel, the Cecil Hotel and the Zeehan Caravan Park.

All meals were provided by the Heemskirk and the Cecil hotels.

Fuel for all vehicles was supplied by the B.P. Service Station in Zeehan.

Zeehan Zinc provided use of its yard in Zeehan to setup the workshop and store equipment.

All other logistics were supported out of Terrex Seismic Perth Office.



**Mariposa track – Swamp section**

## **2.0 SURVEYING**

### **2.1 RANGING / CHAINING / SURVEYING**

Line chaining and survey for the entire program were completed by Dynamic Satellite Surveys personnel from Yeppoon in Queensland.

### **2.2 LINE CLEARING**

The majority of lines were on existing roads & tracks with the exception of TB02b-ZB which was prepared by Zeehan Zinc contractors along the Mariposa tram line.

### **2.3 PERMITTING**

Permitting was carried out by Great South Land Minerals Limited.

### 3.0 RECORDING / PROCESSING

#### 3.1 RECORDING PARAMETERS

##### Vibroseis Source

<b>Acquisition Type:</b>	Sercel 388 - 24 Bit Telemetry System
<b>Energy Source:</b>	3 x Input-Output 42,000lb Peak Force 6x6 Truck mounted Vibrators Online
<b>Vibrator Point Interval:</b>	20 metres
<b>Vibrator Array:</b>	15 m Pad-Pad / No Moveups
<b>Vibrator Array Location:</b>	Centred on Station Pegs (Centred at SP 100)
<b>Receivers:</b>	12 x 10 Hz SM24 Geophones / Group
<b>Receiver Interval:</b>	20 metres
<b>Receiver Array:</b>	20 metres (12 phones with 1.67m phone spacing)
<b>Receiver Array Location:</b>	Centred between Stations (Centered at SP 100.5)
<b>Sweep Length:</b>	12 sec Sweeps or 8 sec Sweeps (see GSLM)
<b>Number of Sweeps:</b>	2 x 12 second sweeps / VP Or 2 x 8 second sweeps / VP (see GSLM)
<b>Sweep Type:</b>	Monosweep
<b>Sweep Frequencies:</b>	6-140 HZ
<b>Sweep Taper:</b>	200 msec Taper
<b>Sweep Energy per Km:</b>	1200 sec/km or 800 sec/km (see GSLM)
<b>Sweep Control:</b>	Pelton Advance 2 Model 5
<b>Accelerometers:</b>	Pelton M5 High Performance
<b>Similarity System:</b>	Pelton VIBRA-SIG
<b>Peak Force:</b>	44,000 lbs
<b>Hold Down Weight:</b>	44,200 lbs
<b>Vibrator Drive Level:</b>	Force Control On - 80% Peak Force
<b>Phase Lock:</b>	Ground Force Phase Lock
<b>No. of Channels:</b>	300 Channels
<b>Spread Geometry:</b>	Symmetric Split Spread
<b>Maximum Offset:</b>	2990 - 10 – 0 – 10 – 2990 metres
<b>Fold:</b>	150 Fold with 10m CDP interval
<b>Record Length:</b>	6.0 seconds
<b>Correlation Sample Rate:</b>	2 milliseconds
<b>Written to Tape S.R.:</b>	2 milliseconds
<b>Output Data Format:</b>	SEG D

### **3.2 RECORDING**

Traffic management formed a large part of daily operations on the Zeehan prospect with most lines being surveyed along the road verge. A total of 13 personnel in 7 vehicles were used to control the traffic around the work site, which also dictated the operational hours of the acquisition crew with no personnel to be working on the roads outside daylight hours.

Security was also an issue on the Zeehan prospect with two line batteries stolen on the 22<sup>nd</sup> March despite having a full time security guard on site.

#### **Line TB02B-ZF**

Acquisition commenced on line TB02B-ZF at station 1000.5 on the 20<sup>th</sup> March 2007 after the crew mobilised from Launceston the previous day and spread layout was completed. Production was completed on line ZF the following day at station 1572.5, a total of 11.44 kilometres recorded including 55 skipped VP's due to proximity of dwellings, road culverts etc.

#### **Line TB02B-ZC**

Acquisition commenced on line TB02B-ZC at station 1000.5 on the 22<sup>nd</sup> March 2007 and was completed the following day at station 2002.5, a total of 20.04 kilometres including 122 skipped VP's for the town of Zeehan.

#### **Line TB02B-ZD**

Acquisition commenced on line TB02B-ZD at station 900.5 on the 24<sup>th</sup> March 2007 and was completed two days later at station 1400.5, a total of 10.0 kilometres including 21 skipped VP's due to proximity of dwellings, road culverts etc.

#### **Line TB02B-ZA**

Acquisition commenced on line TB02B-ZA at station 1000.5 on the 25<sup>th</sup> March 2007 and was completed two days later at station 1864.5, a total of 17.28 kilometres including 8 skipped VP's due to proximity of dwellings, road culverts etc.

At the completion of line ZA the crew mobilized to the GSLM Miena Highlands 2D prospect, this was due to delays in line preparation on line TB02B-ZB which was scheduled for completion at a later date.

### **Line TB02B-ZB**

Acquisition commenced on line TB02B-ZB at station 1600.5 on the 5<sup>th</sup> May 2007 after the crew had mobilized from Bronte Park that same day. Production was completed on line ZB on the 7<sup>th</sup> May 2007 at station 1160.5, a total of 5.69 kilometres including 14 skipped VP's due to difficult terrain, a total of 64.45 kilometres recorded for the Zeehan Zinc 2D. Zeehan Zinc personnel assisted the line crew in moving the acquisition equipment which aided to hasten the completion of the contract. All line equipment was retrieved and packed onto transports by late afternoon on the 7<sup>th</sup> May. All vehicles and equipment were washed down and prepared for demobilisation on the ferry to the mainland the on the 8<sup>th</sup> May, with the crew demobing on the 9<sup>th</sup> May 2007; this represented the completion of the 2007 GSLM Seismic Programme.



**Conditions through the 2.5 km hand carry section of the Mariposa track**

### **3.3 PROCESSING**

All data 'A' class recording tapes were sent to Fugro Seismic Imaging, 69 Outram Street, West Perth for processing.

All 'B' class recording tapes were given to on-site client representatives to be returned to Hobart.

## APPENDIX A

### EQUIPMENT SPECIFICATIONS

#### RECORDING EQUIPMENT

##### SERCEL 388 - 24 Bit 3D Seismic Data Acquisition System

Sun Monitor and Sun Sparc 5 Computer

- ³ OYO DFM 480 Plotter, UPS, LIM
- ³ One (1) Sercel Real Time APM - Sweep Correlator
- ³ Two (2) Fujitsu 3490 Tape Drives
  
- £ One Hundred (100) SU6 Telemetry units (600 Channels)
- £ Two Hundred (200) 3 T/O Seismic Cables (600 Channels)
- £ Sixteen (16) Sercel PSUs and Four (4) Sercel CSUs
- £ Six (6) CSU Patch Cables
- £ Twenty (20) Battery case power Cords
- £ Forty (40) Batteries for SU6 Units
- £ One (1) Sercel Handheld Cable Testers
- £ Four (4) Sercel Battery Chargers

##### **Pelton Vibra Sig Real Time Similarity System**

One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck

##### **Sensor SM24 10Hz High Specification Geophones**

One Thousand (1000) Geophone strings with 6 ph/group  
(500 Channels with 12 phones/group)

One (1) Sensor SMT100 Geophone Tester

**Note: Terrex Seismic warrants that 90% of equipment will be used in field and up to 10% may be undergoing repair and maintenance.**

#### SOURCE EQUIPMENT

- ³ **Four (4) HEMI 44 6x6 Truck mounted Vibrators**  
Peak force is 44,000lbs per Vibe and  
Hold-Down weight is 44,200lbs per Vibe
  
- ³ **Four (4) Pelton Advance 2 Model 5 Vibrator Control Electronics**  
One (1) Pelton Encoder Sweep Generator for Recorder  
Three (3) operating Online and One (1) on Standby  
**Electronics are capable of Trade Marked Varisweep**



## APPENDIX B

### VEHICLE EQUIPMENT LIST

#	VEHICLE	USED FOR	REGISTRATION
1	Land Cruiser 100 Series	Front Crew	1BWF 930
2	Land Cruiser 100 Series	Back Crew	1BYK 183
3	Land Cruiser 100 Series	Vibe Crew	1CCL 562
4	Land Cruiser Tray Back	T/Shooter	302-JCO
5	Land Cruiser Troop Carrier	Ambulance	1FCZ 129
6	Land Cruiser Tray Back	Cable Truck	1CET 468
7	Land Cruiser Tray Back	Cable Truck	1BSJ 242
8	Land Cruiser Tray Back	Line Boss	1BRJ 753
9	Land Cruiser Tray Back	Jug Ute	1BHD 550
10	Land Cruiser Tray Back	Jug Ute	1BEK 496
11	Nissan Tray Back	Mechanics Ute	176 JNA
12	Nissan Tray Back	Supply	175 JNA
20	International Paystar	Vibrator	372 JCN (QLD)
21	International Paystar	Vibrator	373 JCN (QLD)
22	International Paystar	Vibrator	374 JCN (QLD)
23	International Paystar	Vibrator	375 JCN (QLD)
24	International Paystar	Vibrator	376 JCN (QLD)
25	Isuzu FTS 700	Service Truck	1ALU 225
26	Izusu	Mechanics Workshop	1CCC 561
27	Izusu STF	Recorder(388)	1CAA 534
28	International Paystar	Spread Truck	626-JAH
29	International Paystar	Spread Truck	371 JCN



# **APPENDIX C**

## **TAPE LISTING**

**ZEEHAN ZINC - TAPE LISTING**

Tape #	Line #	First FFID	Last FFID	First VP	Last VP	Date Recorded	Comments
1A	TB02B-ZF	7	218	1000.5	1217.5	20-Mar-07	See Obs Log
2A	TB02B-ZF	219	448	1218.5	1447.5	21-Mar-07	
3A	TB02B-ZF	449	525	1448.5	1570.5	21-Mar-07	<a href="#">Complete Line ZF</a>
4A	TB02B-ZC	526	738	1000.5	1218.5	22-Mar-07	
5A	TB02B-ZC	739	961	1219.5	1543.5	22-Mar-07	
6A	TB02B-ZC	962	1147	1544.5	1735.5	23-Mar-07	
7A	TB02B-ZC	1148	1406	1736.5	2002.5	23-Mar-07	<a href="#">Complete Line ZC</a>
8A	TB02B-ZD	1413	1469	900.5	1102.5	24-Mar-07	File numbering error, see Obs log
9A	TB02B-ZD	1470	1699	1103.5	1337.5	25-Mar-07	
10A	TB02B-ZD	1700	1762	1338.5	1400.5	25-Mar-07	<a href="#">Complete Line ZD</a>
11A	TB02B-ZA	1763	1980	1000.5	1217.5	25-Mar-07	
12A	TB02B-ZA	1981	2210	1218.5	1451.5	26-Mar-07	
13A	TB02B-ZA	2211	2339	1452.5	1580.5	26-Mar-07	
14A	TB02B-ZA	2340	2563	1581.5	1808.5	27-Mar-07	
15A	TB02B-ZA	2564	2619	1809.5	1864.5	27-Mar-07	<a href="#">Complete Line ZA</a>
80A	TB02B-ZB	6940	7162	1600.5	1453.5	4-May-07	Stn # 1518 Grouped, Skip # 1554.5-1553.5, Stn # 1381 Dead
							*** V.P. 1518.5 onwards shot as v.p. & 1/2 v.p. to increase fold to cover large skip
							Omit # 7093, Skip # 1472.0-1470.5, Omit # 7119-7133
81A	TB02B-ZB	7163	7356	1453.0	1200.0	6-May-07	Stn # 1256-1255 Dead, Skip # 1399.5-1399.0, Stn # 1236 & 1369 Dead
							Skip # 1390.5-1235.5 SWAMP / RIVER
82A	TB02B-ZB	7357	7436	1119.5	1160.0	7-May-07	<a href="#">TB02B-ZB Complete</a>
							<a href="#">GSLM Contract completed</a>

## **APPENDIX D**

### **HSE POLICY and OH&S STANDARDS**

- € Site specific inductions / daily toolbox meetings / weekly safety meetings
  - Monthly Section head meetings
    - § Personal protective equipment
      - € Traffic Management Safety
        - VHF / UHF / HF communications
          - § Vehicle emergency equipment
            - € Random drug and alcohol tests



## **TERREX SEISMIC HEALTH, SAFETY AND ENVIRONMENT POLICY**

Terrex Seismic is an Exploration Contractor involved in Seismic Acquisition to the Oil, Gas and Mineral Industries.

### **Our Commitments**

- € To provide a safe, healthy and injury free workplace for our employees, contractors and the general public.
- € Assisting all of our employees and contractors to meet their HSE obligations.
- € Establish and implement an HSE Management System and Operational Plans at all levels of the Company.
- € Education and training of all of our Employees in HSE Systems, Procedures, Risk Assessment and Risk Minimization.
- € Ongoing evaluation and modification of all of our HSE Management Systems, Procedures and Plans in order to ensure a consistent improvement in the establishment of a safe, healthy and environmentally sound workplace.
- € Ensure all of our HSE Systems are in accordance with the relevant legislation and requirements of Clients and Government Bodies.

### **Our Goal**

- € To achieve a workplace where the targets of zero injuries, equipment damage and environmental incidents are attained.

### **Our Systems**

- € Management shall provide a visible, personal involvement in all aspects of HSE, and through their actions create a culture that facilitates employee HSE involvement. Management shall make available the appropriate resources to carry out all manner of HSE.
- € Policies and objectives shall be initiated, defined, communicated and revised at all organizational levels.
- € Organizational responsibilities shall be defined and the necessary resources provided to achieve HSE objectives
- € Management shall continuously evaluate the HSE risks to the employees, clients and environment. Comprehensive risk assessment provides the necessary information in order to take action to reduce the risk to our operations.
- € HSE shall be integrated in the design, development and delivery of all services. This includes planning for existing operations, managing change and developing emergency response measures.

Each employee has a personal responsibility to comply with this policy and contribute towards its implementation. Management holds the responsibility to communicate the requirements of this policy to all our employees, contractors and visitors and to involve them in its implementation.

Breach of this policy will be taken very seriously and may involve disciplinary action.

Stephen P. C. Tobin

## **APPENDIX E**

### **END OF CONTRACT HSE SUMMARY**



# Health Safety & Environment

## End of Contract Summary

### Tasmania Basin 2D

19th Mar- 7th May 2007

<b>Client</b>	Great South Land Minerals Ltd	<b>HSE Advisor</b>	Ray Auckram
<b>Location</b>	Tasmanian West Coast Highland Lakes Region	<b>Combined Personnel</b>	43
<b>Camp Site</b>	Heemskirk Motel Cecil Motel Treasure Is.Caravan Park Silver Hills Motel Great Lake Hotel Tigers Accom. "Simmos" The Lodge Motel Bronte Park Highland Village	<b>BAC Tests Conducted</b>	105
<b>Camp Location</b>	Zeehan Queenstown Miena	<b>Preliminary Drug Tests Conducted</b>	1
<b>Sub-Contractors</b>	DSS	<b>Standard Operating Procedure Revisions</b>	

#### Summary:

19/03/2007: Crew mobilised to Zeehan and Queenstown.  
 20/03/2007: Remainder of crew arrive in Zeehan.  
 Lay out spread; commence trouble shooting and production(@30 shots completed).  
 Induction for new hires.  
 21/03/2007: Traffic Control Incident see Meet&Reports tab  
 23/03/2007: Vibrator Hydraulic Hose Incident see Meet&Reports tab  
 25/03/2007: Safety Meeting SOP Reversing Vehicles see Meet&Reports tab  
 27/03/2007: Complete production TB02b-ZA  
 Pack up spread.  
 28/03/2007: Camp move. Breath Testing  
 Lay out spread on TB02b-AA1, commence production.  
 Mitchell Roll Eye Injury Incident see Meet&Reports tab  
 30/03/2007: Andrew Pepper Fall Incident see Meet&Reports tab  
 31/03/2007: Steve Zimmerman Gate Incident see Meet&Reports tab  
 01/04/2007: Induction for new hires.  
 02/04/2007: Induction for new hires.  
 03/04/2007: Induction for new hires.  
 04/04/2007: Induction for new hires.  
 Liam Shutteworth Incident see Meet&Reports tab  
 06/04/2007: Induction for new hires.  
 11/04/2007: Standby for cattle mustering.  
 16/04/2007: Ray Clayton Vehicle Tip Over Incident see Meet&Reports tab  
 19/04/2007: Induction for new hire.  
 20/04/2007: Induction for new hire.  
 21/04/2007: Camp move to Bronte Park  
 22/04/2007: Scott Fadian Rash Incident see Meet&Reports tab  
 28/04/2007: Induction for new hire.  
 29/04/2007: Induction for new hire.  
 30/04/2007: Induction for new hires.  
 01/05/2007: Darren Spinks Assualt\_Incident see Meet&Reports tab  
 04/05/2007: Camp move to Zeehan via overnight stay in Queenstown  
 07/05/2007: EOC

Report compiled by:

#### Safety Statistics

Terrex Seismic Man-hours	20,580
Sub-Contractor Man-hours	1,212
Fatalities	0
LTI's	0
MTI's	0
Days since last MTI/LTI	67
First Aid Incidents	3
Incident / Accident Reports	8
Work Days Lost	7
Hazard Identification Reports	6
Training Hours	51
Tool Box / Safety Meeting Man-hours	359
Audits / Inspections	457
Drills	1
Land Spills (< 5 litres)	1

#### Medical Statistics

Clinic Attendance	
Refferal	1
Eye infections, injuries	1
Fractures	
GIT: Diarrhoea, Nausea, Vomiting	1
Headaches	2
Back	1
Misc	1
Muscular Skeletal: Soft tissue injury, Sprain/Strain	3
Skin Conditions: Rash, Fungal Infection	4
Colds, Influenza type symptoms	6
Throat infection, Tonsillitis	
Wound Care: Lacerations, Dressings, Suture removal	2
<b>TOTAL</b>	<b>22</b>

## APPENDIX F

### PERSONNEL - CREW LIST

Positon	Name
Crew Manager	Darren Rea
Crew Manager	Jon Turner
HSE Advisor	Raymond Auckram
Observer	Peter Wakeham
Cable / Geophone Repair	Scott Fadian
Vibe Tech	Colin Sharman
Vibe Op (1)	Dean Kingston
Vibe Op (2)	Allan Tuite
Vibe Op (3)	Craig Walters
Vibe Op (4)	June Harland
Line Boss	Daryn Bishoff
T/Shooter	Bryan Ngatai
Line Crew	Francis Alcala
Line Crew	Peter Bell
Line Crew	Charles Glen
Line Crew	Zaac Chase
Line Crew	Eileen Collom
Line Crew	Daniel Dowling
Line Crew	Simon McCollin
Line Crew	Greg McLeod
Line Crew	Mitchell Roll
Line Crew	Dion Watty
Line Crew	Andrew Moody
Line Crew	Lliam Shuttleworth
Line Crew	Madeleine Mitchell
Line Crew	Steve Zimmerman
Line Crew	Simon Shields
Line Crew	Darren Spinks

## PERSONNEL - CREW NUMBERS

<b>Positon</b>	<b>Numbers</b>
Crew Manager	1
HSE Advisor	1
Observer	1
Cable / Geophone Repair	1
Vibe Tech	1
Vibe Op	4
Line Boss	1
T/Shooter	1
Line Crew	16



# **APPENDIX G**

## **DAILY REPORTS**



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name. Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager.. Jon Turner  
 Weather..... Fine / Cool  
 DATE..... 19-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
							VP's... 0
							Skips... 0
							Kms... 0.00
							Cum. Total Skips....
							Cum.Total Vp's....
							Cum. Total Kms....

HOURS		Down Time -			
Recording.....					
Recorder Move.....					
Line Change.....				Recorder.....	
Detours/Terrain.....				Vibes.....	
W.O.S.....				W / on Spread.....	
QC Spread.....				Other.....	
Travel.....					
					Day Charge Hrs..... 0.0
					Cum.Day Charge Hrs (Job)...
Layout Spread.....					Standby Hrs..... 0.3
Pickup Spread.....				Toolbox/Induction..... 0.3	Cum.Standby Hrs (Job)...
Weather.....				Total Down Time..... 0.0	Total Day.Incl Non Charge Hrs.
Mobilisation..... 12.0					Cum.Total Charge Hrs (Job)...
Cum. Mobilisation..... 12.0				Cum. Down Time (Job).....	Cum.Total Incl Non Charge Hrs (Job) 12.3

COMMENTS:  
 Line crew mobilised from Brisbane today, arrived Launceston at 10:45am, traevled to Devonport to pick up line vehicles and then mobe to Zeehan.  
 Arrived Zeehan at 5:30pm, heavy vehicles remained at Burnie for the evening to Continue through to Zeehan tomorrow.  
  
 Bad Equipment : Cable - 0, Phones - 0

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
		1			1
<b>Total Stations :</b>			<b>Total Stations:</b>		
		1			1

LTI= 0 MTI= 0 FAC= 0

TRAFFIC MANAGEMENT Recording Crew	TRAFFIC MANAGEMENT Survey Crew
Vehicles	Supervisor with Vehicle
Personnel	2 Man Crew with Vehicle
	1
	1
Day Hrs.....	Charge Day.....
Cum.Day Hrs (Job)...	Cum. Charge Days (Job)...
	6.0
COMMENTS: Conmtract completed	COMMENTS:

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name. Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager.. Jon Turner  
 Weather..... Overcast / Late Rain  
 DATE..... 20-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZF	1000.5	1033.5	33	2	32	0.66	VP's... 32 Skips... 2 Kms... 0.66
							Cum. Total Skips... 2 Cum. Total Vp's... 32 Cum. Total Kms... 0.6600

HOURS		Down Time -			
Recording.....	0.6				
Recorder Move.....					
Line Change.....				Recorder.....	
Detours/Terrain.....				Vibes.....	
W.O.S.....				W / on Spread.....	
QC Spread.....				Other.....	
Travel.....	0.8				
					Day Charge Hrs..... 6.5
					Cum. Day Charge Hrs (Job)... 6.5
Layout Spread.....	5.1				Standby Hrs..... 0.5
Pickup Spread.....				Toolbox/Induction.....	0.5
Weather.....				Total Down Time.....	0.0
Mobilisation.....	5.0				Total Day Incl Non Charge Hrs. 12.0
Cum. Mobilisation.....	17.0				Cum. Total Charge Hrs (Job)... 7.3
				Cum. Down Time (Job).....	
					Cum. Total Incl Non Charge Hrs (Job) 24.3

COMMENTS:  
 Heavy vehicles continued mobilization from Burnie today, arrived Zeehan at midday.  
 Inductions for line crew and traffic management this morning then  
 Preparations made for equipment layout after arrival of heavy vehicles.  
 Production commenced at 17:54 after layout with 32 production VP's acquired.

Total Crew #'s : 27, 23 personnel in the field

Bad Equipment : Cable - 0, Phones - 0

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02B-ZF	1000	1240			1
		241			

LTI= 0 MTI= 0 FAC= 0 Total Stations : 241 Total Stations: 1

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day.... 1		Charge Day.... 1	
Cum. Charge Days (Job).... 1		Cum. Charge Days (Job).... 1	

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day..... 1.0		Charge Day.....	
Cum. Charge Days (Job).... 1.0		Cum. Charge Days (Job).... 6.0	

COMMENTS: Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
Survey Name. Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

CREW 401  
Party Manager.. Jon Turner  
Weather..... Fine  
DATE..... 21-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZF	1034.5	1572.5	539	53	486	10.78	VP's... 486 Skips... 53 Kms... 10.78
Line completed							
							Cum. Total Skips.... 55 Cum. Total Vp's.... 518 Cum. Total Kms.... 11.4400

HOURS		Down Time -			
Recording.....	8.4	Troubleshoot.....	0.3	Day Charge Hrs.....	11.1
Recorder Move.....	0.6	Recorder.....		Cum. Day Charge Hrs (Job)...	17.6
Line Change.....	0.9	Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....	0.1	W / on Spread.....		Cum. Standby Hrs (Job)...	1.1
W.O.S.....		Other.....		Total Day. Incl Non Charge Hrs.	11.7
QC Spread.....	0.6			Cum. Total Charge Hrs (Job)...	18.7
Travel.....	0.5			Cum. Total. Incl Non Charge Hrs (Job)	36.0
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	0.3		
Weather.....		Cum. Down Time (Job).....	0.3		
Mobilisation.....					
Cum. Mobilisation.....	17.0				

**COMMENTS:**  
Continued production 10.78 kms  
An excellent days production today, line crew working well with traffic management.  
PM scouted line ZD with Zeehan Rep, conditions not acceptable for seismic acquisition.  
Accommodation changed for line crew tomorrow with all personnel to be located at Zeehan, 15 people to move from Queenstown tomorrow.  
Completed production on line ZF today and commenced layout on line ZC.  
  
Total Crew #'s : 27, 23 personnel in the field  
Bad Equipment : Cable - 1, Phones - 5

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZF	1241	1572	332	TB02B-ZF	1000	1455	456
TB02B-ZC	1000	1220	221				

LTI= 0 MTI= 0 FAC= 0 Total Stations : 553 Total Stations: 456

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	2	Cum. Charge Days (Job)....	2

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	2.0	Cum. Charge Days (Job)...	6.0

COMMENTS: \_\_\_\_\_  
Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name. Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager.. Jon Turner  
 Client Rep..... Diego Gonzalez  
 Weather..... Fine  
 DATE..... 22-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZC	1000.5	1482.5	483	108	375	9.64	VP's... 375 Skips... 108 Kms... 9.64
							Cum. Total Skips.... 163 Cum. Total Vp's.... 893 Cum. Total Kms.... 21.0800

HOURS		Down Time -			
Recording.....	6.2	Troubleshoot.....		Day Charge Hrs.....	9.1
Recorder Move.....	1.2	Recorder.....		Cum. Day Charge Hrs (Job)...	26.7
Line Change.....	1.2	Vibes.....		Standby Hrs.....	2.9
Detours/Terrain.....		W / on Spread.....		Cum. Standby Hrs (Job)...	4.0
W.O.S.....		Other.....		Total Day. Incl Non Charge Hrs.	12.0
QC Spread.....				Cum. Total Charge Hrs (Job)...	30.7
Travel.....	0.5	Toolbox/Induction.....	0.3	Cum. Total Incl Non Charge Hrs (Job)	48.0
Layout Spread.....		Total Down Time.....	0.0		
Pickup Spread.....		Cum. Down Time (Job).....	0.3		
Operational Standby.....	2.6				
Mobilisation.....					
Cum. Mobilisation.....	17.0				

COMMENTS:  
 Continued production 9.64 kms  
 Early finish to production today due problems with traffic plan permits.  
 Operations stopped at 4:00pm.  
 Temporary permit to work received late today, normal operations to resume tomorrow.  
 Line crew working well, production rates good.  
 Repairs to spread truck completed today, will need to be inspected at Burnie by Tues.  
 .next week.  
  
 Total Crew #'s : 27, 23 personnel in the field  
 Bad Equipment : Cable - 0, Phones - 4

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZC	1221	1640	420	TB02B-ZF	1456	1572	117
				TB02B-ZC	1000	1300	301
<b>Total Stations :</b>			420	<b>Total Stations:</b>			418

LTI= 0 MTI= 0 FAC= 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	3	Cum. Charge Days (Job)....	3

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	3.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name..... Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager... Jon Turner  
 Client Rep..... Diego Gonzalez  
 Weather..... Fine  
 DATE..... 23-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZC	1483.5	1777.5	295	6	289	5.90	VP's... 289 Skips... 6 Kms... 5.90
							Cum. Total Skips.... 169 Cum. Total Vp's.... 1182 Cum. Total Kms.... 26.9800

HOURS		Down Time -			
Recording.....	4.4	Troubleshoot.....			
Recorder Move.....	0.6	Recorder.....			
Line Change.....		Vibes.....	0.8		
Detours/Terrain.....		W / on Spread.....			
W.O.S.....		Other.....			
QC Spread.....	0.5				
Travel.....	0.6				
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.3		
Weather Standby.....	4.8	Total Down Time.....	0.8		
Mobilisation.....					
Cum. Mobilisation.....	17.0	Cum. Down Time (Job).....	1.1		
				Day Charge Hrs.....	6.1
				Cum. Day Charge Hrs (Job)...	32.8
				Standby Hrs.....	5.1
				Cum. Standby Hrs (Job)...	9.1
				Total Day. Incl Non Charge Hrs.	12.0
				Cum. Total Charge Hrs (Job)...	41.9
				Cum. Total Incl Non Charge Hrs (Job)	60.0

COMMENTS:  
 Continued production 5.90 kms  
 Intermittent rain today caused production delays, 4.8 hrs standby for weather.  
 Vibe downtime today was due to a blown hose and some problems with pad bolts.  
 Completed spread layout on line ZC and commenced layout on line ZD.  
  
 Total Crew #'s : 27, 23 personnel in the field  
 Bad Equipment : Cable – 2, Phones – 0

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZC	1641	2002	362	TB02B-ZC	1301	1617	317
TB02B-ZD	900	999	100				

LTI= 0 MTI= 0 FAC= 0 Total Stations : 462 Total Stations: 317

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	4	Cum. Charge Days (Job)....	4

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	4.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
Survey Name. Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

Party Manager.. Jon Turner  
Client Rep..... Diego Gonzalez  
Weather..... Fine  
DATE..... 24-Mar-07

CREW 401

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZC	1778.5	2002.5	225	8	217	4.50	VP's... 367 Skips... 11
TB02B-ZD	900.5	1052.5	153.00	3	150	3.04	Kms... 7.54
							Cum. Total Skips.... 180
							Cum. Total Vp's.... 1549
							Cum. Total Kms.... 34.5200

HOURS		Down Time -	
Recording.....	5.4	Troubleshoot.....	
Recorder Move.....		Recorder.....	
Line Change.....	0.4	Vibes.....	0.3
Detours/Terrain.....		W / on Spread.....	
W.O.S.....		Other.....	2.8 Leakage
QC Spread.....	1.4		
Travel.....	0.4		
		Day Charge Hrs.....	7.6
Layout Spread.....		Cum. Day Charge Hrs (Job)...	40.4
Pickup Spread.....		Standby Hrs.....	0.9
Weather Standby.....	0.6	Cum. Standby Hrs (Job)...	10.0
Mobilisation.....		Total Day. Incl Non Charge Hrs.	11.6
Cum. Mobilisation.....	17.0	Cum. Total Charge Hrs (Job)...	50.4
		Cum. Down Time (Job).....	4.2
		Cum. Total Incl Non Charge Hrs (Job)	71.6

COMMENTS:  
Continued production 7.54 kms  
Rain delays again today, with 3 hours down due to leakage in the cable.  
Some problems with constant noise on some channels due to mine works in the area.  
2 Batteries stolen off line overnight, replaced this morning, were taken from spread  
Layed through town.  
  
Total Crew #'s : 27, 23 personnel in the field  
  
Bad Equipment : Cable – 10, Phones –10

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZD	1000	1400	401	TB02B-ZC	1618	2002	385
Total Stations :			401	Total Stations:			385

LTI= 0 MTI= 0 FAC= 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	5	Cum. Charge Days (Job)....	5

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	5.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

CREW 401

Client..... GSLM  
Survey Name..... Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

Party Manager... Jon Turner  
Client Rep..... Diego Gonzalez  
Weather..... Fine  
DATE..... 25-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZD	1053.5	1400.5	348	18	330	6.96	VP's... 480 Skips... 18
TB02B-ZA	1000.5	1014.5	15	0	150	0.28	Kms... 7.24
							Cum. Total Skips.... 198
							Cum. Total Vp's.... 2029
							Cum. Total Kms.... 41.7600

HOURS		Down Time -	
Recording.....	5.5	Troubleshoot.....	
Recorder Move.....	0.4	Recorder.....	
Line Change.....	1.1	Vibes.....	0.7
Detours/Terrain.....		W / on Spread.....	0.5
W.O.S.....		Other.....	2.4
QC Spread.....	0.5	Leakage	
Travel.....	0.6		
		Day Charge Hrs.....	8.1
Layout Spread.....		Cum. Day Charge Hrs (Job)...	48.5
Pickup Spread.....		Standby Hrs.....	0.3
Weather Standby....		Cum. Standby Hrs (Job)...	10.3
Mobilisation.....		Total Day Incl Non Charge Hrs.	12.0
Cum. Mobilisation....	17.0	Cum. Total Charge Hrs (Job)...	58.8
		Cum. Down Time (Job).....	7.8
		Cum. Total Incl Non Charge Hrs (Job)	83.6

**COMMENTS:**  
Continued production 7.24 kms  
Down Time today was early morning, still attempting to find problems with low Channels on line ZD, constant noise on approx 7 channels, appears to be associated With mining operations in the area, continued production with noisy channels noted For processing.  
Vibe downtime today was due to a problem with the hydraulics late in the day, pad would Not lift and was locked on the ground, vibe tech, operator and traffic control remained Late to correct the problem, had hoses made to use spare vibe hydraulics to Lift the pad and drive the vibe off the main road, completed by midnight, vibe still down.  
  
Total Crew #'s : 27, 23 personnel in the field  
  
Bad Equipment : Cable - 4, Phones -5

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZA	1000	1250	251	TB02B-ZD	900	1400	501

LTI= 0	MTI= 0	FAC= 0	Total Stations :	251	Total Stations:	501
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EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	6	Cum. Charge Days (Job)....	6

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	6.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name..... Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager... Jon Turner  
 Client Rep..... Diego Gonzalez  
 Weather..... Fine  
 DATE..... 26-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZA	1015.5	1580.5	566	4	562	11.32	VP's... 562 Skips... 4 Kms... 11.32
							Cum. Total Skips.... 202 Cum. Total Vp's.... 2591 Cum. Total Kms.... 53.0800

HOURS		Down Time -		Totals	
Recording.....	8.6	Troubleshoot.....	1.0	Day Charge Hrs.....	10.6
Recorder Move.....	0.5	Recorder.....		Cum. Day Charge Hrs (Job)...	59.1
Line Change.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....		W / on Spread.....		Cum. Standby Hrs (Job)...	10.6
W.O.S.....		Other.....		Total Day Incl Non Charge Hrs.	11.9
QC Spread.....	0.8			Cum. Total Charge Hrs (Job)...	69.7
Travel.....	0.7			Cum. Total Incl Non Charge Hrs (Job)	95.5
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	1.0		
Weather Standby.....		Cum. Down Time (Job).....	8.8		
Mobilisation.....					
Cum. Mobilisation.....	17.0				

COMMENTS:  
 Continued production 11.32 kms  
 An excellent days production today, highest production day for all work in Tasmania.  
 Vibe problems repaired by vibe tech, all vibes operational.  
 Acquisition will be completed tomorrow, move to Mienna on Wednesday.  
  
 Total Crew #'s : 27, 23 personnel in the field  
 Bad Equipment : Cable - 2, Phones -1

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02B-ZA	1251 1800	550	TB02B-ZA	1000 1406	407
<b>Total Stations :</b>		550	<b>Total Stations:</b>		407

LTI= 0 MTI= 0 FAC= 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	7	Cum. Charge Days (Job)....	7

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	7.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

CREW 401

Client..... GSLM  
Survey Name. Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

Party Manager.. Jon Turner  
Client Rep..... Diego Gonzalez  
Weather..... Fine  
DATE..... 27-Mar-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZA	1581.5	1864.5	284	4	280	5.68	VP's... 280 Skips... 4 Kms... 5.68
Zeehan 2D completed.							
							Cum. Total Skips.... 206 Cum.Total Vp's.... 2871 Cum. Total Kms.... 58.7600

HOURS		Down Time -	
Recording.....	4.5	Troubleshoot.....	0.1
Recorder Move.....	0.3	Recorder.....	
Line Change.....		Vibes.....	
Detours/Terrain.....		W / on Spread.....	
W.O.S.....		Other.....	
QC Spread.....	0.5		
Travel.....	0.8		
Layout Spread.....			
Pickup Spread.....	3.5	Toolbox/Induction.....	0.3
Weather Standby.....		Total Down Time.....	0.1
Mobilisation.....			
Cum. Mobilisation.....	17.0	Cum. Down Time (Job).....	8.9
		Day Charge Hrs.....	9.6
		Cum. Day Charge Hrs (Job)...	68.7
		Standby Hrs.....	0.3
		Cum. Standby Hrs (Job)...	10.9
		Total Day Incl Non Charge Hrs.	10.0
		Cum.Total Charge Hrs (Job)...	79.6
		Cum.Total Incl Non Charge Hrs (Job)	105.5

COMMENTS:  
Continued production 5.68 kms  
Production completed today at 12:00 midday, line crew had all equipment picked up and Packed into the spread trucks by 3:30pm.  
Camp move to Miena tomorrow.  
Vibes to be floated to Miena, 2 to arrive tomorrow afternoon, the remaining 2 the following day.  
  
Total Crew #'s : 27, 23 personnel in the field  
Bad Equipment : Cable - 2, Phones -1

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02B-ZA	1801	1864	64	TB02B-ZA	1407	1864	458

LTI= 0 MTI= 0 FAC= 0 Total Stations : 64 Total Stations: 458

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	8	Cum. Charge Days (Job)....	8

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	8.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_





Terrex Seismic  
Daily Report

CREW 401

Client..... GSLM  
Survey Name. Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

Party Manager.. Jon Turner  
Client Rep..... Diego Gonzalez  
Weather..... Fine  
DATE..... 06-May-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
TB02B-ZB	1518.5	1391.5	125	6	249	2.55	VP's... 249 Skips... 6 Kms... 2.55
<p>Stn 1390.5 – 1235.5 = 155 stn skip for swamp Please note VP's calculated at 10 meter intervals</p>							<p>Cum. Total Skips.... 214 Cum.Total Vp's.... 3200 Cum. Total Kms.... 57.2700</p>

HOURS		Down Time -			
Recording.....	6.1	Troubleshoot.....	0.2	Day Charge Hrs.....	9.6
Recorder Move.....		Recorder.....	0.1	Cum.Day Charge Hrs (Job)...	89.2
Prospect Change.....		Vibes.....		Standby Hrs.....	2.1
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	13.3
W.O.S.....	1.2	Other.....		Total Day.Incl Non Charge Hrs.	12.0
QC Spread.....	0.5			Cum.Total Charge Hrs (Job)...	102.5
Travel.....	1.8	Toolbox/Induction.....	0.3	Cum.Total Incl Non Charge Hrs (Job)	129.0
Other.....		Total Down Time.....	0.3		
Layout Spread.....		Cum. Down Time (Job).....	9.5		
Pickup Spread.....					
Weather Standby.....	1.8				
Mobilisation.....					
Cum. Mobilisation.....					

**COMMENTS:**  
Production km's 2.55  
Continued production on TB02b-ZB  
Continuing downpores delayed production  
Zion Zink personnel aided Terrex personnel with hand carry section – Very thick rain forrest  
Retreval crew followed Vibes down Marraposa track.  
  
Half station Vib points where intergrated into production to increase fold coverage.  
  
Two Vibes floated to Burnie by Barry Walsh  
  
Total Crew #'s : 27, 23 personnel in the field  
  
Bad Equipment : Cable – 1, Phones –0

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TBO2b-ZB	1310 1160	150			0

LTI= 0 MTI= 0 FAC= 0 Total Stations : 150 Total Stations: 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day.... 1		Charge Day.... 1	
Cum. Charge Days (Job).... 8		Cum. Charge Days (Job).... 8	

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day..... 1.0		Charge Day.....	
Cum. Charge Days (Job).... 10.0		Cum. Charge Days (Job).... 6.0	
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
Survey Name. Tasmania Basin Survey  
Area..... Zeehan  
State..... Tasmania

CREW 401  
Party Manager.. Jon Turner  
Client Rep..... Diego Gonzalez  
Weather..... Wet  
DATE..... 07-May-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02B-ZB	1235	1160	75	6	149	1.50	VP's...	149	
							Skips...	6	
							Kms...	1.50	
Please note VP's calculated at 10 meter intervals									
								Cum. Total Skips....	220
								Cum. Total Vp's....	3349
								Cum. Total Kms....	56.2200

HOURS		Down Time -			
Recording.....	2.3	Troubleshoot.....			
Recorder Move.....		Recorder.....			
Prospect Change.....		Vibes.....	0.1		
Detours/Terrain.....		W / on Spread.....			
W.O.S.....		Other.....			
QC Spread.....	0.5				
Travel.....	1.0				
Other.....	0.5				
Layout Spread.....					
Pickup Spread.....	7.0	Toolbox/Induction.....	0.3		
Weather Standby.....		Total Down Time.....	0.1		
Mobilisation.....					
Cum. Mobilisation.....		Cum. Down Time (Job).....	9.6		
				Day Charge Hrs.....	11.3
				Cum. Day Charge Hrs (Job)...	100.5
				Standby Hrs.....	0.3
				Cum. Standby Hrs (Job)...	13.6
				Total Day Incl Non Charge Hrs.	11.7
				Cum. Total Charge Hrs (Job)...	114.1
				Cum. Total Incl Non Charge Hrs (Job)	140.7

COMMENTS:  
Production km's 1.5  
Continued production on TB02b-ZB  
TB02b-ZB completed  
Zeehan Zink personnel aided Terrex personnel with hand carry section – Very thick rain forest  
Security personnel left site – not required  
  
Half station Vib points where intergrated into production to increase fold coverage.  
  
GSLM / Zeehan Zinc program completed  
  
3<sup>rd</sup> Vib and 1 spread truck floate4d to Burnie by Barry Walsh  
  
Total Crew #'s : 27, 23 personnel in the field  
  
Bad Equipment : Cable – 1, Phones –0

Layout Line	Station #	Tot	Pickup Line	Station #	Tot
TBO2b-ZB		0	TBO2b-ZB	1600	440
				1160	
		<b>Total Stations :</b>		<b>Total Stations:</b>	440

LTI= 0 MTI= 0 FAC= 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day....	1	Charge Day....	1
Cum. Charge Days (Job)....	8	Cum. Charge Days (Job)....	8

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day.....	1.0	Charge Day.....	
Cum. Charge Days (Job)...	11.0	Cum. Charge Days (Job)...	6.0
COMMENTS:		COMMENTS:	

Crew Manager \_\_\_\_\_



Terrex Seismic  
Daily Report

Client..... GSLM  
 Survey Name. Tasmania Basin Survey  
 Area..... Zeehan  
 State..... Tasmania

CREW 401  
 Party Manager.. Jon Turner  
 Client Rep..... Diego Gonzalez  
 Weather..... Wet  
 DATE..... 08-May-07

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS
							VP's... 0
							Skips... 0
							Kms... 0.00
							Cum. Total Skips.... 214
							Cum.Total Vp's.... 3200
							Cum. Total Kms.... 54.7200

HOURS		Down Time -			
Recording.....		Troubleshoot.....			
Recorder Move.....		Recorder.....			
Prospect Change.....		Vibes.....			
Detours/Terrain.....		W / on Spread.....			
W.O.S.....		Other.....			
QC Spread.....					
Travel.....					Day Charge Hrs..... 10.0
Other..... 10.0					Cum.Day Charge Hrs (Job)... 99.2
Layout Spread.....					Standby Hrs..... 0.3
Pickup Spread.....		Toolbox/Induction..... 0.3			Cum.Standby Hrs (Job)... 13.6
Weather Standby.....		Total Down Time..... 0.0			Total Day.Incl Non Charge Hrs. 10.3
Mobilisation.....					Cum.Total Charge Hrs (Job)... 112.8
Cum. Mobilisation.....		Cum. Down Time (Job)..... 9.5			Cum.Total.Incl Non Charge Hrs (Job) 139.3

COMMENTS:  
 Production km's 0  
 Other = Washdown and preparing vehicles for De Mobe  
 Total Crew #'s : 27, 23 personnel in the field  
 Bad Equipment : Cable - 1, Phones -0

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
		0			0

LTI= 0 MTI= 0 FAC= 0 Total Stations : 0 Total Stations: 0

EXTRA PERSONNEL		EXTRA VEHICLES	
1 Security Guard		1	
Charge Day.... 1		Charge Day.... 1	
Cum. Charge Days (Job).... 8		Cum. Charge Days (Job).... 8	

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Supervisor with Vehicle	2 Man Crews with Vehicle	Supervisor with Vehicle	2 Man Crew with Vehicle
1	6	1	1
Charge Day..... 1.0		Charge Day.....	
Cum. Charge Days (Job)... 11.0		Cum. Charge Days (Job)... 6.0	

COMMENTS: Crew Manager \_\_\_\_\_



# **APPENDIX H**

## **RECORDING STATISTICS**

RECORDING STATISTICS

Date	Mobilisation	Inter-Prospect Move Chargeable	Travel Time Chargeable	Downtime Non-Chargeable	Recording Chargeable	Layout/Pick-up Spread Chargeable	WOS Chargeable	QC Spread Chargeable	Recorder/Vibrator Move Chargeable	Other Chargeable	Detours & Terrain Chargeable	Line Change Chargeable	Testing & Troubleshooting Non-Chargeable	Waiting on log trucks Chargeable	Weather / Other Stand-by	Safety Meetings Stand-by	Total Stand-by Chargeable	Total Hours Chargeable	Total Hours Operational	Total Km's	Traffic Management Survey	Traffic Management Recording	Traffic Management Survey & Recording	Supervisor	Extra Personnel	Extra vehicle
19 March 2007	12.00															0.30	0.30	-	12.30		1					
20 March 2007	5.00		0.80		0.60	5.10										0.50	0.50	6.50	12.00	0.66			1	1	1	1
21 March 2007			0.50		8.40			0.60	0.60		0.10	0.90	0.30			0.30	0.30	11.10	11.70	10.78	1	1		1	1	1
22 March 2007			0.50		6.20				1.20			1.20			2.60	0.30	2.90	9.10	12.00	9.64	1	1		1	1	1
23 March 2007			0.60	0.80	4.40			0.50	0.60						4.80	0.30	5.10	6.10	12.00	5.90	1	1		1	1	1
24 March 2007			0.40	3.10	5.40			1.40				0.40			0.60	0.30	0.90	7.60	11.60	7.54	1	1		1	1	1
25 March 2007			0.60	3.60	5.50			0.50	0.40			1.10				0.30	0.30	8.10	12.00	7.24	1	1		1	1	1
26 March 2007			0.70		8.60			0.80	0.50				1.00			0.30	0.30	10.60	11.90	11.32	1	1		1	1	1
27 March 2007			0.80		4.50	3.50		0.50	0.30				0.10			0.30	0.30	9.60	10.00	5.68	1	1		1	1	1
5 May 2007	1.00		0.70		1.20	4.00	1.10	0.40		2.50						0.30	0.30	10.90	11.20	1.64			1			1
6 May 2007			1.80	0.10	6.10		1.20	0.50					0.20		1.80	0.30	2.10	9.60	12.00	2.55			1			1
7 May 2007			1.00		2.30	7.00		0.50		0.50						0.30	0.30	11.30	11.60	1.50			1			1
8 May 2007										10.00							-	10.00	10.00				1			1
<b>Total</b>	<b>18.00</b>	<b>-</b>	<b>8.40</b>	<b>7.60</b>	<b>53.20</b>	<b>19.60</b>	<b>2.30</b>	<b>5.70</b>	<b>3.60</b>	<b>13.00</b>	<b>0.10</b>	<b>3.60</b>	<b>1.60</b>	<b>-</b>	<b>9.80</b>	<b>3.80</b>	<b>13.60</b>	<b>110.50</b>	<b>150.30</b>	<b>64.45</b>	<b>8.00</b>	<b>7.00</b>	<b>5.00</b>	<b>8.00</b>	<b>8.00</b>	<b>12.00</b>