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**NORTHERN MIDLANDS SEISMIC
SURVEY**

EL 13/98

TASMANIAN BASIN

TASMANIA

***FIELD ACQUISITION AND
OPERATIONS REPORT***

FOR

GSLM RESOURCES LTD

BY

TRACE ENERGY SERVICES

MARCH - JUNE 2001

FINAL REPORT – OPERATIONS

BY

S.BARBOUR

OF

**TRACE ENERGY SERVICES
1ST FLOOR, 2/37 HOWSON WAY
BIBRA LAKE, WESTERN AUSTRALIA 6163**

FOR

**GREAT SOUTH LAND MINERALS LTD
HOBART, TASMANIA**

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C)	Survey Information (Inc Chaining notes)	See Marker

1 INTRODUCTION

Trace Energy Services was contracted by GSLM to conduct the Northern Midlands 2D Seismic Survey located in the Northern Midlands area of Tasmania's inland basin. In total 669.125 kms of 240 and 360 channel 2D data was recorded in two stages. Stage One totalling 374.50 kms was recorded from the 9th March to 11 April 2001, with Stage Two acquired from 25th May to 27 June 2001.



This report covers various field operations relating to chaining, survey, and recording.

1.1 GEOGRAPHICAL AREA

The Northern Midlands 2D seismic program covered an area from Deloraine across to Launceston in the north and as far south as Hamilton.

The topography of the Northern Midlands Seismic Survey area varied greatly. On the flat, undulating open farmlands were typical of the general terrain. On the Western Tiers and Central Plateau line conditions changed dramatically to very hilly and winding roads.

The survey was programmed for regional coverage, to maximise production and acquire seismic with minimal environmental impact the majority of lines followed existing roads and tracks. In cases where lines crossed farmland lines were planned for minimum disturbance.

Access to the area of operation was generally good with shire roads and farm tracks providing access to most lines.

1.2 WEATHER

Weather was varied from fine warm days in early March through to heavy rains and snow. Towards the end of June on the central plateau time was lost due to heavy snowfalls covering the spread. On the highlands weather conditions were generally very cold with temperatures dropping below zero.

1.3 LOGISTICS

For Stage One (March-April) the crew were accommodated at Poatina Village. This was a former construction village for the dam, and now provides accommodation. Poatina is situated west of Launceston and close to the town of Cressy. The crew stayed in rented houses with meals provided by the Poatina Village restaurant.

On return to Tasmania for Stage Two (May/June 2001) the crew stayed at both Longford and Perth. Trace Energy's crew office was set up at the Perth Hotel, Perth being only a few kilometres south of Launceston. The mechanical workshop was located in Longford with the mechanical staff and chaining crew staying in a local hotel.

As the program covered a large area it was necessary to fly camp the recording crew at various locations throughout the survey these included Deloraine, Bronte Park and Miena where Hotel/Motel and chalet accommodation was booked.

Bulk fuel was delivered by the Shell distributor in Devonport for storage in Trace Energy Service's bulk diesel storage tanks.

Data tapes were dispatched by airfreight on a regular basis, with "A" copies sent to Robertson Research in Perth and "B" copies to GSLM office on Hobart.

Digital and CDMA phones (Telstra) worked in some areas, although signal strength on the lines varied with some areas experiencing no signal.

Radio communications between all parties was via Trace Energy Services own UHF radios and 40 Channel UHF CB radios channel 9.

2 SURVEYING

2.1 RANGING/CHAINING/SURVEY

Ranging was conducted by Wilson Survey Group

Chaining was originally contracted to Wilson Survey Group, however for Stage Two Trace Energy Services fielded their own chaining crew.

When chaining, wooden pegs were placed at 25 metre intervals along the seismic lines. Even numbered pegs were marked with the station number. Permanent markers were placed on fences as close to starts, ends and intersections of lines as possible. P.M.'s were also placed on road verges. P.M.'s consisted of a full star iron driven into the ground and concrete placed around the base. The PM was then fitted with a stamped aluminium tag bolted to the top. The tag was marked with the line number and closest VP number.

2.2 LINE CLEARING/FENCING

No line clearing was necessary as the majority of lines traversed open farmland, existing tracks and road verges. In areas of high grass a small amount of line slashing was necessary.

On lines that crossed farmland it was necessary to install temporary gates to provide vehicular access for the crew. Gates and fences were made good on completion of the survey.

Where cattle were present Trace Energy Services electric fencing crew installed temporary electric fences to stop stock chewing the spread.

2.3 PERMITTING

Local landowner permitting was conducted by GSLM appointed permit persons.

3 RECORDING

The first production profile was recorded on Line TBPG-01 on the 10th March 2001. The final production profile was recorded on line TB01-TI on the 25th June 2001 completing the 2001 Northern Midland Seismic Survey.

Recording Parameter sheets form Appendix 'B' of this report. These cover all aspects of the parameters for each line. Details of recording equipment are listed in Section 5.1 of this report.



4 PERSONNEL

4.1 CREW LIST

GSLM NORTHERN MIDLANDS SEISMIC SURVEY

R. STEPHENSON	CREW MANAGER
M. BOKOR	TECH. SERVICES
W. ARNOLD	SNR OBSERVER
R. BARNES	SNR MECHANIC
C. SHARAM	MECHANIC
P. MCKENZIE	MECHANIC
J. BUTCHER	BATTERY
N. GRAINGER	GEOPHONE REPAIR
M. HILL-WEBBER	LINE BOSS
E. OLSEN	TRAFFIC MGR
S. GOOSSENS	LEAD VIBE OPP
R. GREGG	VIBE OPP
A. TANNER	VIBE OPP
D. POSTANS	VIBE OPP
G. BOX	VIBE OPP
L. GOOLD	LINE CREW
R. TURNER	LINE CREW
M. BARBOUR	LINE CREW
L. FRANCIS	LINE CREW
M. COE	LINE CREW
D. ROWSELL	LINE CREW
M. LILLY	LINE CREW
A. COUCHMAN	LINE CREW
N. KAPPELLER	LINE CREW
G. STEEL	LINE CREW
G. LITCHFIELD	LINE CREW
A. SHEGOG	LINE CREW
J. FRANKEN	LINE CREW
S. GREEN	LINE CREW
A. BRINKMAN	LINE CREW
D. JONES	LINE CREW
S. COLGRAVE	LINE CREW

5 EQUIPMENT SPECIFICATIONS

5.1 RECORDING EQUIPMENT

Acquisition System:

- **1998 I/O System II 24 Bit Seismic Data Acquisition System**
- 1996 Pelton Advance 2 Model 5 Encoder Sweep Generator ESG
- One (1) 1996 Pelton Advance 2 Model 5 PC Based VIBSIG Real Time Similarity System with IMAGE Hardwire Similarity System
- One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck
- One Hundred & Thirty (130) MRX Units [780 Channels]
- One Hundred & Thirty (130) Data Cables [780 Channels]
- Two Hundred (200) Solar Battery Packs for MRX's
- Eight Hundred & Eighty (880) 1996 SENSOR SM4 10Hz High Specification Superphones with 6 ph/group
- 1995 Sensor SMT-100 Geophone Tester and QC System

5.2 SOURCE EQUIPMENT

- Five (5) Litton LRS315 40000lb Peak Force. 6 x 6 truck mounted Vibrators.
- Five (5) Pelton Advance 2 Model 5 VCEs plus various spare boards.
- One (1) Pelton Advance 2 Model 5 ESG for Recording Truck.
- Four (4) Vibrators operating on the line and One (1) on standby.
- Vibrators are equipped with Force Control and Ground Force Phase Lock using M5 High Performance accelerometers.
- Electronics are capable of correlating various individual sweep frequencies and compositing any range or variation of Upsweeps or Downsweeps within the same VP location. This process is Trade Marked as Varisweep.

5.3 VEHICLES

No.	Year	Model	Type
One (1)	1996	HZJ75 Toyota	4x4 Party Manager Unit
Two (2)	1996	HZJ75 Toyota	4x4 Line Unit
One (1)	1996	HZJ75 Toyota	4x4 Line Boss Unit
Three (2)	1996	HZJ75 Toyota	4x4 Line Units
One (1)	1995	HZJ75 Toyota	4x4 Mechanics Unit
One (1)	1995	HZJ75 Toyota	4x4 Fencing Unit
One (1)	1986	Isuzu	4x4 Vibrator Service Unit.
Two (2)	1982 & 1986	Isuzu	4x4 Cable/Geophone Units.
One (1)	1986	Isuzu	4x4 Hiab Crane Truck.
One (1)	1992	Isuzu FTS	4x4 Recording truck

All trucks fitted with super singles/wide tyres

All Toyota Landcruisers fitted with Steel Roll Cages to minimise any injury.

All Toyota fitted with wide 10.5 x 15 tyres

5.4 CAMP EQUIPMENT

The crew was accommodated at the several locations in Nelson, Victoria

Trace Energy Services also provided:

One (1) 1998 Workshop/Parts Store

One (1) 1994 Airconditioned ATU/Cable Repair Caravan.

One (1) Office equipped with computer, telephone and office equipment (at motel)

6 HSE

6.1 HSE STANDARDS

Minimum crew HSE standards are as follows:

- Crew Startup Induction/Safety meeting
- Weekly Senior Personnel Performance/Operations Meeting
- Sunday Crew Safety Meeting
- Sunscreens and UV blockout creams supplied at no cost to all crew members
- Hats, shirts and covered safety footwear must be worn by field crew at all times
- Reflective Safety Vests for all Survey and Recording Crew personnel
- Road signage to Australian Standard AS 1742.3
- UHF 40 channel Radios along with Mobile Satellite Telephones and Fax machines
- Crew Medivac procedures in place as per SSSP

6.2 FIRE PREVENTION EQUIPMENT

- One (1) Backpack Portable Water Spray Unit and metal rake mounted on each vehicle.
- Two 900L Portable Firefighting units

7 SAFETY MEETING REPORT

Date:	09/03/01
Client:	GSLM
Prospect:	Northern Midlands
Area:	Poatina
State:	Tasmania
Party Manager:	Bob Stephenson
Scribe:	Bob Stephenson
Client Rep:	Mike Swift

# Of Accidents Since Last Meeting. Vehicles	0
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims Since Last Meeting.	0
# Of LTI'S Since Last Meeting.	0

DETAILS:

The meeting was held over the road from the office at 10 Denison Ave. Poatina at 0700 hrs on the 9th March 2001.

Bob Stephenson opened the meeting and introduced Mike Swift the client representative to the crew.

Mike Swift discussed the following aspects:

1. Right of Entry: All field personnel must carry a signed copy at all times.
2. Gates: All gates will be flagged as open or shut. Leave gates as you found it. If you are not sure call recorder.
3. If a fence or gate is damaged report it to the recorder ASAP so repairs can be made soonest. Try to make it stock proof.
4. Landholder Courtesies: Be courteous at all times, report sightings of distressed stock etc.
5. Speed Limits: Observe all speed limits, drive slowly past farm buildings (20kph), Beware of landholders riding horses, motorbikes etc.
6. Rubbish: All rubbish to be disposed of in rubbish bins in town, pick up any rubbish on lines even if it is not ours.
7. Environment: No firearms, nets, trap and pets are allowed. Do not disturb native fauna except when required for line clearing or cable drag outs.
8. Drink Driving: State laws apply at all times.
9. Driver Responsibilities: Vehicle drivers will be responsible for gates, route taken, rubbish control, passenger safety etc.
10. Cultivated Land: In cultivated areas single vehicle tracks only are permitted.
11. No smoking in fields. People wishing to smoke must do so in vehicles and all butts to be disposed of in ashtrays in vehicles.
12. General Safety: Crew personnel should report any unsafe or impractical practices and or conditions to management.
13. Snakes: Snakes will be active at this time of the year. Be vigilant and look where you walk or step.
14. Hydro Water Races: Extreme care must be taken when working around these areas as the water in these races is flowing very fast. At approximately 20 to 30 knots.
15. Hedges: Some of the area has hedges as fences. Care should be taken when coming out of these as it is difficult to see vehicles approaching.
16. Log Haulers: Log trucks are hauling on some of the roads we will be using, take care as they know the roads and travel fast.
17. Road Works: Road works are in place on some roads, take care and obey all speed restrictions.

The meeting was now handed back to Bob Stephenson the crew manager. I spoke briefly on the points raised by Mike Swift and discussed the following aspects.

1. Be courteous to the landholders at all times, tell them what we are doing and if they require further information refer them to Mike Swift or myself.
2. Start time will be from 06.30 in the morning.
3. Right of entry paper to be carried in the green folders in the vehicles. They are to be kept clean and presentable and to be produced if asked for.

4. The company policy of 0% alcohol and non-prescription drugs is to be adhered to at all times. Random drug and alcohol tests will be run on the crew.
5. No person is to consume alcohol in a company vehicle.
6. Alcohol can be consumed in the village but only in the house. If any of the local people ask for alcohol or cigarettes refuse them as some of the young people living here are rehabilitating from alcohol and substance abuse.
7. Vehicles with UHF radios will operate on channel 4.
8. As we will be employing some new people on this job I would like the old employees to take these people under their wing and explain the way we operate.
9. If anyone has any problems please get on the radio and ask for instructions. When in doubt ask for instructions and don't go off half cocked.
10. All field personnel are to be out of the field by dusk.

Trace Energy Services Personnel

R. Stephenson, R. Barnes, P. McKenzie, C. Sharam, J. Butcher, N. Grainger, A. Tanner, R. Gregg, L. McHugh, J. Hales, E. Goold, J. Goossens, I. Francis, M. Coe, M. Barbour, D. Postans, M. Lilley, D. Rowsell

Date:	18/03/01
Client:	GSLM
Prospect:	Northern Midlands
Area:	Poatina
State:	Tasmania
Party Manager:	Bob Stephenson
Scribe:	Bob Stephenson
Client Rep:	Eric Alwood

# Of Accidents Since Last Meeting. Vehicles	0
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims Since Last Meeting.	0
# Of LTI'S Since Last Meeting.	0

DETAILS:

The meeting was held over the road from the office at 10 Denison Ave. Poatina at 0700 hrs on the 18th March 2001.

The following was discussed,

1. Care to be taken driving to and from Poatina going up and down the mountain range, especially when we have inclement weather like the last couple of days.
2. All personnel to be careful while working on the road lines. We now have three traffic management crews working to direct the traffic on the road lines.
3. Personnel to stand back from the road when the machinery has stopped. Do not stand between the machinery and the road, stand behind the machinery.
4. All personnel to be out of the field in time to be back at base before dark. I do not want personnel driving down the range in the dark.
5. All fuel logs to be lodged in the office every Sunday night.
6. All household rubbish to be put out on Monday mornings for collection. Do not put it out on Sunday nights as the possums get into the rubbish and have a picnic.
7. John Philippon discussed with the personnel about how to drive down the range safely, Keep the vehicle in third gear and do not ride the brakes.
8. All Personnel to watch their language when in the township. We are living in a Christian society.
9. All rubbish is to be cleaned out of the vehicles every day and disposed of in the proper manner.
10. Daily time sheets are to be filled out daily not every third or fourth day.

Trace Energy Services Personnel

R. Stephenson, W. Arnold, J. Philippon, R. Barnes, P. McKenzie, C. Sharam, N. Grainger, E. Olsen, M. Hill-Webber, S. Goossens, A. Tanner, R. Gregg, L. McHugh, J. Hales, E. Goold, J. Goossens, I. Francis, M. Coe, M. Barbour, D. Postans, M. Lilley, D. Rowsell, G. Box, C. Rataj, G. Pyers, K. Whiting, K. Powel, A. Johnson, A. Couchman, N. Kapeller, M. Piper, G. Steel.

Date:	21/03/01
Client:	GSLM
Prospect:	2001 Northern Midlands
Area:	Poatina
State:	Tasmania
Party Manager:	Bob Stephenson
Scribe:	Bob Stephenson
Client Rep:	Eric Alwood

# Of Accidents Since Last Meeting. Vehicles	1
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims Since Last Meeting.	0
# Of LTI'S Since Last Meeting.	0

DETAILS:

The meeting was held over the road from the office at 10 Denison Ave. Poatina at 0700 hrs on the 21st March 2001.

The following was discussed,

11. After one of our personnel was left behind on the line last night everybody is to make sure that all personnel are accounted for before leaving the field.
12. The crew had an inspection from the Tasmania Transport Commission yesterday and they found that every thing was in order.
13. When we set a speed limit on the roads this speed limit is for all vehicles. This means our vehicles as well as the public. It is no good placing speed limits if our own vehicles are going to break the limits.
14. Extra care must be taken going up and down the mountain range. The road is very slippery when wet and more inclement weather is predicted for the next few days.
15. One of the crew's vehicles was involved in an accident in Poatina last night when reversing out of the driveway of their house. Take extra care when reversing as there are small children wandering the streets and the streets are narrow.
16. The crew could be moving to Bronte Park tomorrow for a few days, I will let you know about this some time today.

Trace Energy Services Personnel

R. Stephenson, W. Arnold, J. Philippon, R. Barnes, P. McKenzie, C. Sharam, N. Grainger, E. Olsen, M. Hill-Webber, S. Goossens, A. Tanner, R. Gregg, L. McHugh, J. Hales, E. Goold, J. Goossens, I. Francis, M. Coe, M. Barbour, D. Postans, M. Lilley, D. Rowsell, G. Box, C. Rataj, G. Pyers, K. Whiting, K. Powel, A. Johnson, A. Couchman, N. Kapeller, M. Piper, G. Steel.

Date:	01/04/01
Client:	GSLM
Prospect:	2001 Northern Midlands
Area:	Poatina
State:	Tasmania
Party Manager:	Bob Stephenson
Scribe:	Bob Stephenson
Client Rep:	Mike Swift

# Of Accidents Since Last Meeting. Vehicles	0
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims Since Last Meeting.	0
# Of LTI'S Since Last Meeting.	0

DETAILS:

The meeting was held over the road from the office at 10 Denison Ave. Poatina at 0600 hrs on the 1st April 2001.

The following was discussed,

17. Personnel abiding in the following houses have to move out on Wednesday the 4th April to make way for a group booking. House 18 Dennison street, 12 Maxwell street and 4 King street. These people will be able to move back into their houses on Monday the 9th
18. All personnel living in the houses in Poatina are to keep the noise level to a minimum at all times.
19. All houses are to be kept clean and leave the front door unlocked so the cleaners can obtain entry to clean the houses weekly.
20. Daily time sheets are to be filled out after your shift and not the next morning when it seems some people seem to forget what hours they worked the previous day.
21. We are now working back in the paddocks for a while so take care to ensure all gates are left as you found them and report any damage to the recorder so repairs can be made as soon as possible.
22. All vehicles are to be kept clean and tidy at all times. Report any defects to mechanics so repairs can be carried out.

Trace Energy Services Personnel

R. Stephenson, W. Arnold, J. Philippson, R. Barnes, P. McKenzie, C. Sharam, N. Grainger, E. Olsen, M. Hill-Webber, S. Goossens, A. Tanner, R. Gregg, L. McHugh, J. Hales, E. Goold, J. Goossens, I. Francis, M. Coe, M. Barbour, D. Postans, M. Lilley, D. Rowsell, G. Box, G. Pyers, K. Whiting, K. Powel, A. Johnson, A. Couchman, N. Kapeller, M. Piper, G. Steel.

Date:	03/06/01
Client:	Great South Land Minerals
Prospect:	Midlands 2001
Area:	Midlands
State:	Tasmania
Party Manager:	Mike Bokor
Safety Rep.	Russell Gregg
Client Rep:	Eric Allwood

# Of Accidents Since Last Meeting. Vehicles	0
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims since Last Meeting.	0
# Of LTI'S since Last Meeting.	0

DETAILS:

The meeting was held at the Queens Head Inn at Perth Tasmania at 0700am. The following was discussed;

1. Extreme care to be taken when driving on the roads due to the weather conditions that has been encountered recently. Please keep speeds down and take care
2. Flashing lights are not to be left on when driving from line to line.
3. All line personnel have been issued with a day glow vest. The wearing of these vests are not optional, they will be worn at all times not when it suites individuals
4. All designated drivers are to place the keys to the company vehicles on to the keyboard provided after the completion of their shift.
5. It has been decided that 3 days will be allocated for vehicles to go to Launceston per week so people can do there personal washing. Drivers are not to consume alcohol during these trips and no other private use will be allowed.
6. Seat belts are to be worn at all times, not when it suites people.
7. There will no hanging off the side of vehicles when personal are moving up the line. Drivers of vehicles are reminded that they are also responsible for their passengers.
8. Vehicle parking at the motel. It has been noticed that during the week vehicles were attempting to back out of parking bays in front of the rooms with no attempt to see if the way was clear. No attempt was made by the passengers to guide the vehicles or clear the morning mist from windows before starting. All line vehicles will now park in reverse and windows and mirrors will be cleared before starting.

Issues Raised

1. The geophone step was reported to be getting slippery with a build up of mud. Will refer to mechanical section to rectify.

Trace Energy Services Personnel

M. Bokor, W. Arnold, R. Barnes, P. McKenzie, N. Grainger, E. Olsen, M. Hill-Webber, J. Butcher, S. Goossens, A. Tanner, E. Goold, L. Francis, M. Barbour, D. Postans, M. Lilley, D. Rowsell, G. Box, N. Kapeller, R. Turner, A Couchman, G. Steel, J Van Kempen, G. Litchfield, A. Shegog, J. Franken, S. Green, A. Brinkman, D Jones, S Colgrave, A Gray.

Date:	10/06/01
Client:	Great South Land Minerals
Prospect:	Midlands 2001
Area:	Midlands
State:	Tasmania
Party Manager:	Mike Bokor
Safety Rep.	Russell Gregg
Client Rep:	Eric Allwood

# Of Accidents Since Last Meeting. Vehicles	0
# Of Accidents Since Last Meeting. Employees	0
# Of Compensation Claims since Last Meeting.	0
# Of LTI'S since Last Meeting.	0

DETAILS:

The meeting was held at the Queens Head Inn at Perth Tasmania at 0700am. The following was discussed:

9. Lost equipment, warren the fencer has handed in some road signs that were left behind on completed lines. Road signs are safety equipment that is needed to ensure a safe work place. If we leave them behind then future road work may not be properly sign posted.
10. Vests are to be worn at all times not when it suits you.
11. The mornings are very foggy so take care with the speeds and parking of vehicles on the roads. Start times may be moved later if there is heavy fog and the crew is working on the roads.
12. All vehicle defects are to be reported to the mechanics.
13. All vehicles are to have a fully stocked first aid kit. Spare kits are available in the office.
14. New people have been hired during the week so please help them out with proper procedures
15. The company policy of 0% alcohol and 0%-prohibited drugs is to be adhered to at all time. Any person arriving for work that is considered to be intoxicated or having drugs in their system can be requested to undertake a breath or drug test.
16. Seat belts are to be worn at all times
17. Fire Extinguisher information handed out
18. The geophone step had metal grating fitted and has been reported to be working well

Issues Raised

Trace Energy Services Personnel

M. Bokor, W. Arnold, R. Barnes, P. McKenzie, N. Grainger, E. Olsen, J. Butcher, S. Goossens, A. Tanner, E. Goold, L. Francis, M. Barbour, D. Postans, M. Lilley, D. Rowsell, G. Box, R. Turner, A Couchman, G. Steel, J Van Kempen, G. Litchfield, A. Shegog, J. Franken, S. Green, A. Brinkman, D Jones, S Colgrave, A Gray, J. O'Brien, M. Buelens,

8 MONTHLY INJURY SUMMARY REPORT

Month: MARCH		
Year 2001		
Client GSLM		
Location TASMANIA BASIN		
Permit Area		EL 23/98
Total Personnel on Crew		32
Total Hours Worked	(a)	287.25
Total Exposure Hours	(b)	9192
No. Of Minor Injuries	(c)	0
No. Medical Treatments	(d)	0
No. of LTI's	(e)	0

Month: APRIL		
Year 2001		
Client GSLM		
Location TASMANIA BASIN		
Permit Area		EL 23/98
Total Personnel on Crew		32
Total Hours Worked	(a)	142.075
Total Exposure Hours	(b)	4546.5
No. Of Minor Injuries	(c)	0
No. Medical Treatments	(d)	0
No. of LTI's	(e)	0

Month: MAY		
Year 2001		
Client GSLM		
Location TASMANIA BASIN		
Permit Area		EL 23/98
Total Personnel on Crew		32
Total Hours Worked	(a)	68.25
Total Exposure Hours	(b)	2184
No. Of Minor Injuries	(c)	0
No. Medical Treatments	(d)	0
No. of LTI's	(e)	0

Month: JUNE		
Year 2001		
Client GSLM		
Location TASMANIA BASIN		
Permit Area		EL 23/98
Total Personnel on Crew		32
Total Hours Worked	(a)	274.5
Total Exposure Hours	(b)	8784
No. Of Minor Injuries	(c)	0
No. Medical Treatments	(d)	0
No. of LTI's	(e)	0

- (a) Total Number of Hours worked in the permit area per person.
- (b) Total exposure hours = (a) x total number of personnel.
- (c) Number of injuries that required treatment by first aider/medic.
- (d) Number of injuries that required treatment by medical practitioner. Not LTI's
- (e) Number of LTI's as defined by Australian Standard 1885.