



Tasmania

COPY

DEPARTMENT of
INFRASTRUCTURE,
ENERGY and RESOURCES

ROADS & PUBLIC
TRANSPORT
DIVISION
10 MURRAY STREET,
HOBART 7000

Great South Land Minerals Ltd
GPO Box 1603
Hobart
Tas 7001

Officer: Brian Watson
Telephone: (03) 6233 2747
Fax: (03) 6233 6657
Application
Received
File No: 026146

Attention Mr. Andrew Moy

PERMIT No. S758
Permit Date 7th March 2006

THIS PERMIT AUTHORISES GREAT SOUTH LAND MINERALS LTD (GSLM) OR IT'S AGENT, TO CARRY OUT WORKS FOR THE UNDERTAKING OF SEISMIC SURVEYS WITHIN THE STATE ROAD RESERVATIONS, AS SET OUT BELOW, SUBJECT TO THE PROVISIONS OF THE ROADS AND JETTIES ACT 1935 AND OTHER CONDITIONS SPECIFIED IN THIS PERMIT, INCLUDING BOTH SPECIAL CONDITIONS OF PERMIT AND GENERAL CONDITIONS OF PERMIT.

ACTIVITIES WITHIN STATE ROAD RESERVATIONS

Undertaking of Seismic Surveys in State Roads at the following sites as detailed in your request.

ROADS: Refer Attachment A

NO.: LINK/CH:

LOCATION: Road Reserve with Road crossing as per application.

UNDERGROUND CABLES: N/A

MINIMUM COVER: N/A

TUNNEL BORE UNDER ROAD: N/A

EXCAVATE ROAD: N/A

TYPE OF CONDUIT: N/A

SIZE OF CONDUIT:

Hours of Work - As per application.

N/A

DIER/RPT Contact Officer

Duration of Work -
March-July

Mr. Stephanus Vermaak

Ph (03) 62 33 5412 Mobile 0417 123 368

GSLM Emergency Contact details in the field:

Great South Land Minerals

Mr. Clive Burrett OR Tim Bendall

Ph: 0427 194518

Terrex Seismic Pty Ltd

Mr. Andy Brett

Ph: 0422 375497

SPECIFIC CONDITIONS OF PERMIT

GENERAL

This permit is for Great South Land Minerals (GSLM) to undertake a seismic survey along and across a number of State Roads. This permit covers both the setting out and the actual survey processes. GSLM is to provide a programme of proposed dates for each of these activities in the various state roads 7 days prior to either works commencing.

LIAISON DURING OPERATIONS INCLUDING EMERGENCY CONTACT

Any changes to the works programmes and/or the following plans shall be notified immediately to the nominated officer (refer page 1 for details). Changes shall also be provided to the permit officer in writing on the next working day.

However for emergencies, as per General Condition of Permit 16 the Statewide Emergency Contact Phone No. for Road and Bridge Emergencies is

1800 005 282.

GSLM shall include this number in it's work procedures/instructions.

DIER CONTRACT WORKS

DIER has numerous contracts for road reconstruction and maintenance in the State Road network.

GSLM shall liaise with the nominated officer and ensure that any contract works are not disrupted or impeded. GSLM shall be liable for the costs of any delays to these contracts.

PUBLIC CONTACT PLAN (PCP)

The PCP shall include the following requirements:

- Revisions and updated reports are to be by e-mail or fax to the nominated officer, as DIER's Minister and Media office need to be kept aware of any potential issues.
- The PCP shall include a list of public events with any issues arising considered in the TMP.
- The public notices are required giving details of any expected traffic disruption.
- If required the programme of works and changes to the TMP are to be provided with each revision of the PCP.

TRAFFIC MANAGEMENT PLAN

The TMP shall include the following requirements:

- As per DIER General Specification 'G2.6 Traffic Management' and indicated in the TMP:

Traffic Management shall be in accordance with:

- (i) the Tasmanian Traffic Act;
- (ii) the Tasmanian Traffic (Road Rules) Regulations;
- (iii) Traffic Control at Work Sites Code of Practice;
- (iv) AS 1742 Part 3 and AS/NZS 3845; and
- (v) Australian Standard Field Guide series SAA HB81.

The precedence of the documents (and their prescriptions & guidance) shall be in the order as listed above;

- GSLM's Traffic Management Plan shall not conflict with other TMPs.
- A minimum of one pair of flashing lights to be mounted on each vehicle involved in the works in such a way that at least one flashing light is visible to traffic approaching from any direction.
- For the TMP Signage Layouts for Mobile Works (refer TMP Appendix F) supervisors set up the work site in light of both:
 - the conditions of the specific road section (such as the sight distance available around curves); and
 - the recommended distances between lead vehicles and tail vehicles stated in AS1742.3 Part 4.9.3(e).
- The TMP Signage Layouts (refer Appendix F) to be modified in accordance with AS1742.3 and Tasmania's Traffic Control at Work Sites Code of Practice for those road sections where the road shoulder is of inadequate width for plant to occupy the shoulder, irrespective of road category.
- The "Reduce Speed" sign recommended in the Risk Assessment at Appendix G is not to be used for road works. The "Temporary Traffic Hazard" sign may be used at static work sites only. A flashing arrow sign is to be used on vehicles if required by AS1742.3.
- The use of council roads require the written permission of the relevant Council; a copy is to be forwarded to DIER.
- Any detour signs shall be installed as per the TMP as required.

- Access to all local businesses, residences and places of public gathering shall be maintained at all times as required by them.
- Provision for Pedestrians to be maintained at all times.
- Work on Sundays is to be in accordance with the requirements of the *relevant local council*.
- A reduced speed zone of 60km/h on >60km/h speed limited roads be applied when the work area is between 1.2m and 3m from moving traffic (refer section 4.3 of AS1742.3);
- Where the work is more than 3m from moving traffic but inside the fenced road reserve the requirements of section 4.3 (a) of AS1742.3 shall be adhered to;
- Access onto and off the State Road for all works vehicles is to be kept to a minimum and shall be by existing accesses with the use of the appropriate advanced standard signage. Any damage to existing infrastructure, in particular crossovers and roadside drainage, shall be repaired immediately. If temporary accesses are required construction shall be of sufficient integrity to provide for the safe entry and exit of construction equipment without damage to existing infrastructure.

ENVIRONMENTAL MANAGEMENT PLAN

The EMP shall include the following requirements:

- The grassed/vegetated areas fences and road infrastructure (e.g. shoulders) are to be rehabilitated within one (1) week of survey.
- DIER to be advised of environmental issues arising from inspection and monitoring.

SURFACE REINSTATEMENT

Joint inspections by GSLM & DIER officers shall be undertaken on completion of each survey in each State Road. These inspections shall be included in GSLM's programme. Where the road surface has been disturbed or damaged by GSLM's activities a pavement rehabilitation design for the affected area is to be provided for approval, this design may need to cover the adjacent pavement up to a minimum of 2m from the edge of the trench. On approval GSLM will undertake all works necessary to reinstate the pavement. Between 6 & 12 months after completion there will be further joint inspections to assess ongoing maintenance requirements.

GENERAL CONDITIONS OF PERMIT

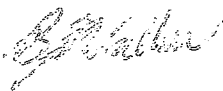
- 1) This permit is for the proposed actions of GSLM for to undertake seismic surveys within the nominated State Road Reservations.
- 2) DIER's nominated officer is to be contacted at least seven (7) days prior to the desired date of commencement of the proposed works.
- 3) In the event that circumstances require the re-location of the survey to another site on a State road, details of the new proposal are to be submitted to the Department for examination and acceptance prior to the commencement of any works at that site.
- 4) This permit is issued on the clear understanding that no bridges; structures or the approaches thereto are affected by the survey. A separate permit is required where bridges and structures or their approaches are impacted by the survey.
- 5) Reinstatement of the road pavement and other affected surfaces in the State road reservation is required where there is a disturbance of any kind during construction/installation. A thirty-six month (36) maintenance period applies. Reinstatement shall be in accordance with the Department's Standard Specifications. These documents can be found on the Department's web site at www.transport.tas.gov.au/services/tenders/ and then by following the prompts to the "Specifications Listing". All back filling within the reservation is to be compacted in layers not exceeding 150mm loose thickness, and all surface restoration is to be in accordance with the Department's Standard Specifications. This includes returning the road profile, drains, road cutting and embankment batters, sight benching and other transport infrastructure assets or facilities to their original condition. The final re-instatement of the bitumen surface will be carried out by GSLM who will be required to meet all maintenance charges for a period of thirty six (36) months from the time the seal is re-instated.

- 6) Should the survey cause any failure of the road infrastructure the Department reserves the right to arrange emergency maintenance repairs to be carried out. All costs associated with such repairs, and any claims from the public arising from any failure, or tracking of debris over the State Road pavement, will be the responsibility of the permit holder.
- 7) Utility owners and other organisations undertaking works in the road reserve are required to meet DIER standards for traffic management associated with the installation, inspection and maintenance of any facilities, including the development of traffic management plans when appropriate. All traffic control must be performed and certified by accredited traffic control personnel. All works within the State road reservations must also comply with all relevant Workplace, Health and Safety regulations. Traffic management on State roads during the period of the installation works is to be in accordance with legislation for the control of traffic at road work sites and the Department's General Specification G2. At least one clear lane is to be open to traffic in all directions at all times. Restriction to hours of work can be applied and a Traffic Management Plan for the period of the works is required. The Traffic Management Plan is to be forwarded to the Department for assessment and acceptance prior to the commencement of works in State road reservations. The Traffic Control Code of Practice is available on the website at www.transport.tas.gov.au/services/.
- 8) For locations involving State roads or the neighbouring lands the Department requires details of contingency measures and emergency management procedures in the event of an incident where a road closure may be required.
- 9) Emergency management procedures are to complement and be consistent with the Department's procedures for the management of emergency events, and State or Regional Emergency Plans. A copy of the Department's procedures can be obtained from the above officer. The Statewide Emergency Contact Phone No. for Road and Bridge Emergencies is 1800 005 282.
- 10) GSLM shall advise the Department immediately of any emergency event that may present a risk to residents, road users and/or the infrastructure. DIER retains rights under legislation to request or arrange the shut down of the survey without notice where public interest is threatened. All or any costs claims and proceedings including economic loss claims resulting therefrom are borne by GSLM.
- 11) Vehicles involved in the transport of goods, including machinery and equipment are required to comply with an appropriate permit when operating above normal statutory limits for weight, height, length, or width. This will need to be addressed at an early date, particularly in relation to accessing a number of State managed bridges/structures on both State and local roads. Assessment of individual structures and routes may take up to two weeks. An alternative approach may be for you to arrange for the engagement of consultants to assess the suitability of bridges on proposed routes. Relevant bridge drawings can be supplied by the Department and other information can be made available upon request. Should you prefer to adopt this approach, details of assessments, including calculations by suitably qualified engineers showing that the bridges on the proposed heavy vehicle routes are suitable to carry the required loads, are to be provided to the Department for acceptance and the issue of the required permits. Any enquires concerning the issue of permits for the transport of goods, including machinery and equipment, should be directed to the Department's Vehicle Operations Branch on Phone 6233 5347.
- 12) Telecommunications, electricity, water, sewerage and other utilities may be located within State road reservations. No warranty is given as to the existence, location and condition of other utilities within the State road reservations. Prior to the commencement of works GSLM must obtain all necessary approvals and information on the location of utilities from other utility owners having plant installed in the State road reservations that may be affected by the works. GSLM will be responsible for any costs, claims, proceedings and any damages, should any other utilities be damaged as a result of its work.
- 13) No warranty is given in regard to land stability, fire, vandalism or other impacts, which may occur within State road reservations.

- 14) GSLM is responsible for obtaining all necessary approvals from State and Commonwealth Government agencies and Local Government authorities for the installation in the State road reservations including those relating to environmental, cultural and heritage matters. Once detail on a specific route has been finalised, reference to the Department may assist in identifying known environmentally sensitive areas such as aboriginal sites, rare plant sites and fauna issues. However, no warranty can be given that this information would be exhaustive.
- 15) Responsibility for risk assessment and compliance with relevant standards associated with the installation of utilities in State road reservations rests with the utility owner.
- 16) Where temporary accesses are required to/from properties adjoining State roads the use of existing appropriate accesses is preferred. For sections of State roads, which have been declared to be a limited access road under the *Roads and Jetties Act 1935*, landowner permission and a change in the licence conditions may be necessary for the use of an existing access.
- 17) For new accesses a number of specific conditions apply including those relating to location, sight distance, geometry, pavement design, construction standards, drainage, maintenance and removal of temporary accesses. A new access on a limited access road will require a licence. Reinstatement of boundary fences, the installation of gates and reinstatement of accesses to properties are to be arranged with the relevant property owner. GSLM is responsible for all actions resulting from removal or damage to fences, gates or accesses in State road reservations.
- 18) Any variations to these conditions must be approved by the Department of Infrastructure, Energy and Resources prior to commencement of any work affecting a State road reservation. The Department's nominated officer is to be contacted in the event of road operation or maintenance issues arising. The officer is also the agency point of contact for the Department's road maintenance contractor for this area.
- 19) The consent given by this permit is current for six (6) months only from date of issue for installation of the utility as specified. A further permit is required if all works are not completed within the period specified or if additional works beyond the scope of this permit are intended.
- 20) The permit holder will notify the Department when all works have been completed.
- 21) GSLM is required to save and keep indemnified the Minister administering the *Roads and Jetties Act 1935* against all or any costs claims proceedings and demands whatsoever and by whomsoever arising out of or in respect of the installation of the utility in the State road reservations including during the period of the installation works. The indemnity includes damage to the utility resulting from maintenance and other road operation activities in the State road reservations and environmental actions resulting from the approval of the installation of the utility in the State road reservations.

The Department's supervisors or contractors may conduct audits for your compliance with these requirements.

Please carefully read then sign and return the attached service permit agreement with an indicated date of commencement of the proposed works. This permit shall be valid only upon the receipt of the agreement, and any queries regarding the conditions of this permit should be referred to the permit issuing officer.


Barry Walker
Manager, Transport Infrastructure
For and on behalf of the
MINISTER FOR INFRASTRUCTURE, ENERGY AND RESOURCES

Mr Andrew Moy
GSLM
GPO Box 1603
Tas 7001
File: 026146

PERMIT No. S758

DEPARTMENT OF INFRASTRUCTURE, ENERGY AND RESOURCES
GPO Box 936
Hobart TAS 7001

ATTENTION: Mr. Brian Watson, Technical Officer, Asset Management Strategies

Dear Sir,

RE: SERVICE PERMIT AND CONDITIONS

Undertaking of Seismic Surveys in nominated state roads.

This is to notify acceptance of the conditions listed in the permit dated 7th March 2006.

It's intended to commence work on 20/03/2006.

Great South Land Minerals will save and keep indemnified the Minister administering the Roads & Jetties Act 1935, against all or any costs claims proceedings and demands whatsoever and by whomsoever arising out of or in respect of the approved proposal.

Yours faithfully,



Name..... Andrew Moy

Position Title..... Operations Company Secretary

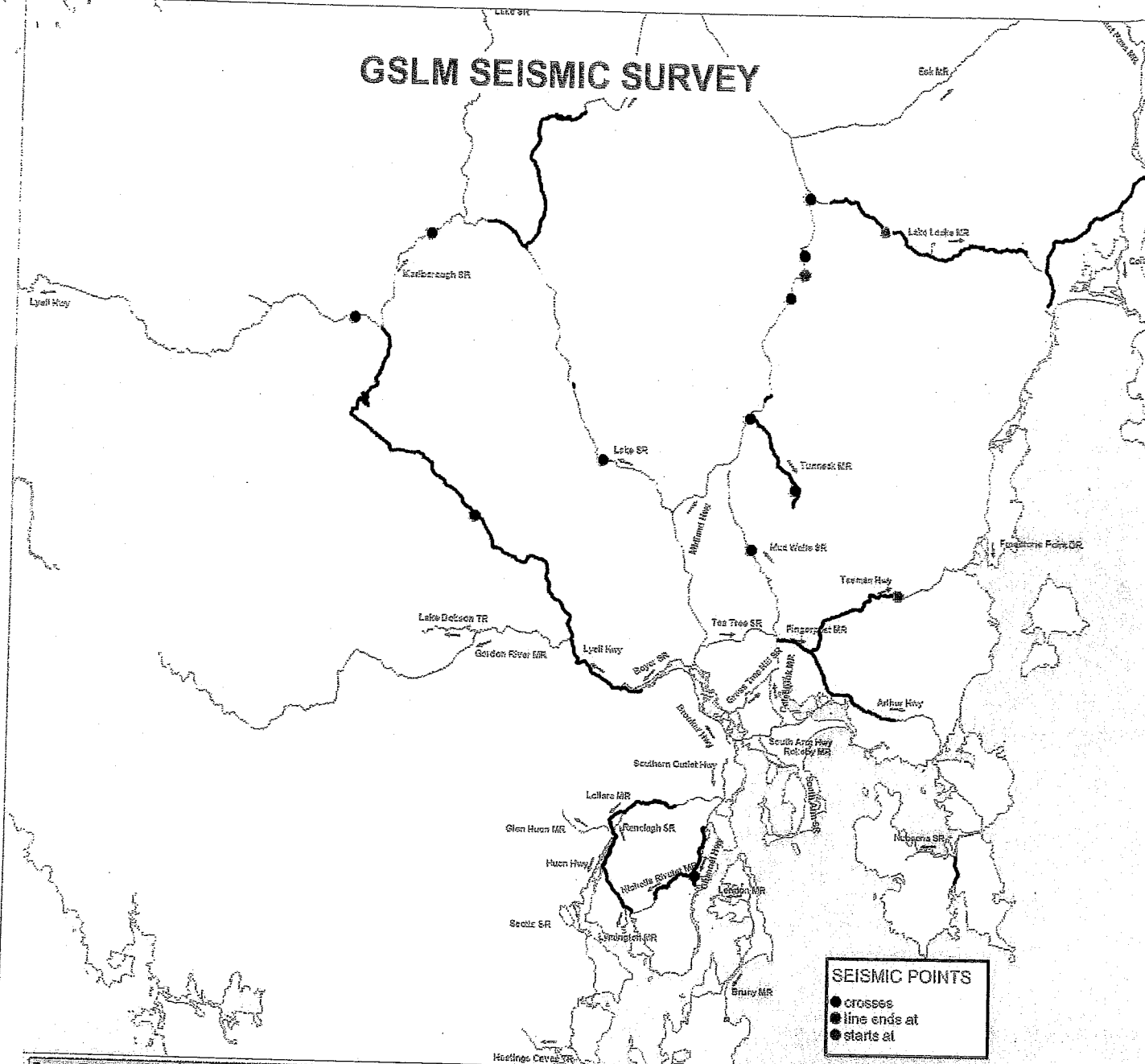
For..... Great South Land Minerals LTD

20 / 03 / 2006

ATTACHMENT A

State Road Name	State Road Number	Links (9 chainage sections)
Tunnack MR	1138	5 (0-7.02), 57 (0-11.50), 94 (0-3.79) crosses at 94(0.00)
Nicholls Rivulet MR	1248	5(0-6.30), 94(0-5.60) line ends at 36(2.39)
Lake Leake MR	1442	05 (0-4.12), 17 (0-11.89), 36 (0-9.63), 48 (0-4.03), 58 (0-7.34), 70 (0-7.05), 84 (0-8.09), 94 (0-5.45)
Poatina MR	1604	05 (0-5.80), 12 (0-7.41), 25 (0-11.52), 40 (0-11.17), 54(0-5.03)
Fingerpost MR	1691	5 (0-7.38)
Ranelagh SR	2072	5 (0.00-2.69)
Lake Hwy	2100	49 (0.00-0.80) crosses at 18 (0.00)
Mud Walls SR	2290	crosses at 44 (1.71)
Midland Hwy	0087	57 (2.96-4.63), 43 (5.5-7.11) starts at 57 (0.00) crosses at 43 (0.04) crosses at 55 (4.52) crosses at 57 (3.64) crosses at 62 (10.11)
Tasman Hwy	0113	line ends at 18 (5.22) 11 (8.82-9.94), 12 (0-8.43), 15 (0-9.63), 16 (0-11.30), 18 (0-5.22), 36 (2.20-9.13) 38 (0-10.29), 40 (0-11.77), 42 (0-10.16)
Arthur Hwy	0142	5 (0-7.27), 9 (0-7.00)
Channel Hwy	0155	9 (6.94-7.45), 18 (0-10.40), 29 (0-1.87), 69 (8.90-10.88), 82 (0.00-8.77), 94 (0.00-8.75) crosses at 18 (10.40)
Huon Hwy	0168	17 (0-9.51), 26 (0.00-2.49)
Marlborough SR	2443	crosses at 44 (9.06)
Lollara MR	1196	5 (0.00-3.64)
Lyell Hwy	0197	08 (0-7.69), 12 (0-11.32), 14 (0-7.32), 16 (0-6.58), 20 (0-10.71), 23 (0-0-7.28), 25 (0-7.07), 28 (0-8.84), 30 (0-6.82), 33 (0-7.30), 35 (0-10.76), 38 (0-11.50), 43 (0-7.51), 46 (0-7.37) crosses at 28(0.00) crosses at 51(0.00)

GSLM SEISMIC SURVEY



State Road Name	State Road Number	Link(s) & change sections
Tunnack MR	1138	5 (0-7 02), 57 (0-11 50), 84 (0-3 78) crosses at 24(0 00)
Nicholls Rivulet MR	1248	5(0-2 30), 84(0-5 60) line ends at 38(2 39)
Lake Leske MR	1442	05 (0-4 12), 17 (0-11 89), 38 (0-9 63), 46 (3-4 35), 58 (0-7 34), 70 (0-7 05), 84 (0-8 09), 94 (0-5 45)
Postine MR	1604	05 (0-5 80), 12 (0-7 41), 25 (0-11 52), 40 (0-11 17), 54 (0-5 03)
Fingert MR	1681	5 (0-7 38)
Ranelagh SR	2072	5 (0 30-2 88)
Lake Hwy	2160	49 (0 30-0 88)
Mud Wells SR	2280	crosses at 12 (0 00) crosses at 44 (1 71)
Midland Hwy	0087	57 (2 86-4 63), 43 (5 5-7 11), 49 (5 85-5 73) starts at 57 (0 00) crosses at 43 (0 04) crosses at 55 (4 52) crosses at 57 (3 64) crosses at 62 (10 11) line ends at 18 (5 22)
Tasman Hwy	0113	11 (8 82-8 94), 12 (3-8 43), 15 (0-9 53), 16 (3-11 30), 18 (0-10 54), 20 (0-10 91), 23 (0-8 81), 25 (0-6 38), 27 (0-10 15), 28 (0-13 86), 31 (0-8 44), 33 (0-10 24), 36 (0-9 18), 38 (0-10 28), 40 (0-11 77), 42 (0-10 16)
Arthur Hwy	0142	5 (0 7 27), 9 (0 7 00)
Channel Hwy	0155	18 (8 94-7 45), 18 (0-10 40), 25 (2-1 37), 28 (3 90-10 88), 82 (0 00-8 77), 84 (0 30-8 75) crosses at 12 (0 40)
Huan Hwy	0188	17 (0-2 51), 28 (0 00-2 49)
Marlborough SR	2443	crosses at 44 (8 06)
Lollera MR	1196	5 (0 30-5 84)
Lyell Hwy	0187	09 (0-7 89), 12 (0-11 82), 14 (0-7 52), 16 (0-8 58), 20 (0-10 71), 28 (9-0-7 28), 25 (0-7 07), 28 (0-6 34), 30 (0-5 82), 32 (0-7 23), 35 (0-13 76), 38 (0-11 50), 43 (0-7 51), 46 (0-7 87) crosses at 28(0 00) crosses at 51(0 00)

NEW MAP

2013/06. 22

VERSION 6