

Government Gazette

of the State of

New South Wales

Number 15

Friday, 26 February 2016

The *New South Wales Government Gazette* is the permanent public record of official notices issued by the New South Wales Government. It also contains local council and other notices and private advertisements.

The Gazette is compiled by the Parliamentary Counsel's Office and published on the NSW legislation website (www.legislation.nsw.gov.au) under the authority of the NSW Government. The website contains a permanent archive of past Gazettes.

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GOVERNMENT NOTICES

Appointments

LOCAL GOVERNMENT ACT 1993

Appointment of Commissioner to the Local Government
Boundaries Commission

His Excellency General The Honourable David Hurley AC DSC (Ret'd), Governor of New South Wales, with the advice of the Executive Council and pursuant to sections 261 (2) (c) of the *Local Government Act 1993*, has appointed Councillor Lesley FURNEAUX-COOK as a Commissioner of the Local Government Boundaries Commission for a term commencing from the date of the Governor's approval for a term of five years.

PAUL TOOLE, MP
Minister for Local Government

LOCAL GOVERNMENT ACT 1993

Appointment of Commissioner to the Local Government
Boundaries Commission

His Excellency General The Honourable David Hurley AC DSC (Ret'd), Governor of New South Wales, with the advice of the Executive Council and pursuant to sections 261 (2) (b) of the *Local Government Act 1993*, has appointed Ms Nataša MITIC as a Commissioner of the Local Government Boundaries Commission for a term commencing from the date of the Governor's approval for a term of five years.

PAUL TOOLE, MP
Minister for Local Government

LOCAL GOVERNMENT ACT 1993

Appointment of Commissioner to the Local Government
Boundaries Commission

His Excellency General The Honourable David Hurley AC DSC (Ret'd), Governor of New South Wales, with the advice of the Executive Council and pursuant to sections 261 (2) (c) of the *Local Government Act 1993*, has appointed Councillor Rick FIRMAN OAM, JP as a Commissioner of the Local Government Boundaries Commission for a term commencing from the date of the Governor's approval for a term of five years.

PAUL TOOLE, MP
Minister for Local Government

LOCAL GOVERNMENT ACT 1993

Appointment of Chairperson to the Local Government
Boundaries Commission

His Excellency General The Honourable David Hurley AC DSC (Ret'd), Governor of New South Wales, with the advice of the Executive Council and pursuant to sections 261 (2) (a) and 261 (4) 6 of the *Local Government Act 1993*, has appointed Mr Robert SENDT as Chairperson of the Local Government Boundaries Commission for a term commencing from the date of the Governor's approval for a term of five years.

PAUL TOOLE, MP
Minister for Local Government

Planning and Environment Notices

CONTAMINATED LAND MANAGEMENT ACT 1997

Section 11

Environment Protection Authority

Declaration of Significantly Contaminated Land

Declaration Number 20151106; Area Number 3392

The Environment Protection Authority (EPA) declares the following land to be significantly contaminated land under the *Contaminated Land Management Act 1997* (“the Act”):

1. Land to which this declaration applies (“the site”)

Part Lot 1 DP 80877 and Part Lot 1 DP 715007. Lots 1 in DP 80877 and DP 715007 are commonly known as the Caltex Newcastle Terminal at 156 Hannell Street Wickham.

Both Lots are within the Local Government Area of Newcastle City Council. A map of the site is shown outlined in the attached figure and defined by a thick red line.

2. Nature of contamination affecting the site:

The EPA has found that the site is contaminated with petroleum hydrocarbon compounds predominantly in the total recoverable hydrocarbons (TRH) C₁₀-C₄₀ carbon fraction range.

3. Nature of harm that the contaminants may cause:

The EPA has considered the matters in s12 of the Act and for the following reasons has determined that the land is contaminated and that the contamination is significant enough to warrant regulation under the Act:

- It is reasonable to suggest that fuel contamination associated with the bulk storage, handling and transport of hydrocarbons on the Caltex Fuel Terminal site has resulted in a plume of separate phase hydrocarbons and dissolved-phase hydrocarbon contamination in groundwater on the south western land portions of the Caltex Fuel Terminal at 156 Hannell Street, Wickham;
- The hydrocarbon contamination has migrated via groundwater into the neighbouring property known as 33 Annie Street Wickham;
- The source, nature, extent and impact (particularly soil vapour intrusion) of the hydrocarbon contamination on both sites requires further investigation; and
- Remediation of the hydrocarbon contamination is required to ensure risks are addressed.

4. Further action under the Act

The making of this declaration does not prevent the carrying out of voluntary management of the site and any person may submit a voluntary management proposal for the site to the EPA.

5. Submissions invited

The public may make written submissions to the EPA on:

- Whether the EPA should issue a management order in relation to the site; or
- Any other matter concerning the site.

Submissions should be made in writing to:

Manager Contaminated Sites
Environment Protection Authority
PO Box A290
Sydney South NSW 1232

or faxed to 02 9995 6603

by not later than 30 days of the date of this letter

Date: 22 February 2016

NIALL JOHNSTON
Manager Contaminated Sites
Environment Protection Authority

NOTE:

Management order may follow

If management of the site or part of the site is required, the EPA may issue a management order under s14 of the Act.

Amendment/Repeal

This declaration may be amended or repealed. It remains in force until it is otherwise amended or repealed. The subsequent declaration must state the reasons for the amendment or repeal (s44 of the Act).

Information recorded by the EPA

Section 58 of the Act requires the EPA to maintain a public record. A copy of this significantly contaminated land declaration will be included in the public record.

Information recorded by councils

Section 59 of the Act requires the EPA to give a copy of this declaration to the relevant local council. The council is then required to note on its planning certificate issued pursuant to s149 (2) of the *Environmental Planning and Assessment Act 1979* that the land is declared significantly contaminated land. The EPA is required to notify council as soon as practicable when the declaration is no longer in force and the notation on the s149 (2) certificate is no longer required.

Relationship to other regulatory instrument

This declaration does not affect the provisions of any relevant environmental planning instruments which apply to the land or provisions of any other environmental protection legislate on administered by the EPA.



Source: NSW SixViewer

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Roads and Maritime Notices

TRANSPORT ADMINISTRATION ACT 1988

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Kooragang in the Newcastle Local Government Area

Transport for NSW by its delegate declares, with the approval of His Excellency the Governor, that the land described in the Schedule below is acquired by compulsory process under the provisions of the *Land Acquisition (Just Terms Compensation) Act 1991* for the purposes of the *Transport Administration Act 1988*.

TERRY BRADY

General Manager, Country Rail Contracts
Infrastructure and Services Division
Transport for NSW

Schedule

All those pieces or parcels of land situated in the Newcastle area, Parish of Newcastle and County of Northumberland, shown as:

Lots 8, 9, 14 and 15 in Deposited Plan 1207051, being parts of the land in Certificates of Title 8/1207051, 9/1207051, 14/1207051 & 15/1207051 and said to be in the possession of Port of Newcastle Lessor Pty Ltd, excluding

- an Easement for electricity and other purposes, 45 WIDE AND VARIABLE (vide DP 1207954); and
- a Right of Way 3 Wide (DP 1160722).

Mining and Petroleum Notices

Notice is given that the following applications have been received:

EXPLORATION LICENCE APPLICATIONS

(T16-1005)

No 5249, GOLD AND COPPER RESOURCES PTY LIMITED (ACN 124 534 863), area of 10 units, for Group 1, dated 10 February 2016. (Orange Mining Division).

(T16-1006)

No 5250, TEKKEN GROUP PTY LTD (ACN 604 341 102), area of 15 units, for Group 1, dated 18 February 2016. (Cobar Mining Division).

(T16-1007)

No 5251, TEKKEN GROUP PTY LTD (ACN 604 341 102), area of 13 units, for Group 1, dated 18 February 2016. (Cobar Mining Division).

(T16-1009)

No 5253, EMMERSON RESOURCES LTD (ACN 117 086 745) AND KENEX PTY LTD, area of 23 units, for Group 1, dated 19 February 2016. (Orange Mining Division).

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

Notice is given that the following application has been granted:

MINING LEASE APPLICATION

(T10-7608)

Singleton No 362, now Mining Lease No 1726 (Act 1992), ULAN STONE PTY LTD (ACN 123 199 191), Parish of Ulan, County of Bligh, Map Sheet (8833-2-N, 8833-3-N), area of 76.38 hectares, to mine for dimension stone, dated 3 February 2016, for a term until 3 February 2037. As a result of the grant of this title, Mineral Claim Converted To Lease No 325 (Act 1992) has ceased to have effect.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

Notice is given that the following applications for renewal have been received:

(08-1383)

Authorisation No 216, SECRETARY NSW DEPT INDUSTRY SKILLS & REGIONAL DEVELOPMENT ON BEHALF OF CROWN, area of 2453 square kilometres. Application for renewal received 18 February 2016.

(08-2850)

Exploration Licence No 5238, GOLDEN CROSS OPERATIONS PTY. LTD. (ACN 050 212 827), area of 16 units. Application for renewal received 17 February 2016.

(12-1070)

Exploration Licence No 6381, IRONBARK ZINC LIMITED (ACN 118 751 027) AND NSW BASE METALS PTY LTD (ACN 126 507 140), area of 45 units. Application for renewal received 18 February 2016.

(16-0292)

Exploration Licence No 7712, MOUNT THORLEY OPERATIONS PTY LIMITED (ACN 000 013 249), area of 1988 hectares. Application for renewal received 19 February 2016.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

RENEWAL OF CERTAIN AUTHORITIES

Notice is given that the following authorities have been renewed:

(T11-0248)

Exploration Licence No 7875, P W ENGLISH AND ASSOCIATES PTY LTD (ACN 002 052 913), County of Gresham, Map Sheet (9338), area of 3 units, for a further term until 20 December 2016. Renewal effective on and from 17 February 2016.

(T94-0032)

Mineral Lease No 5460 (Act 1906), MARBLE AGGREGATES HOLDINGS PTY LTD (ACN 060 680 284), Parish of Lowry, County of Bathurst, Map Sheet (8730-1-N), area of 2.02 hectares, for a further term until 7 January 2036. Renewal effective on and from 19 August 2015.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

REQUESTED CANCELLATION OF AUTHORITIES AT REQUEST OF HOLDERS

Notice is given that the following authorities have been requested to be cancelled.

(T13-1155)

Exploration Licence No 8216, PEEL MINING LIMITED, (ACN 119 343 734), County of Manara, area of 16 units.

Application for Cancellation was received on 5 February 2016.

T13-1190)

Exploration Licence No 8247, PEEL MINING LIMITED, (ACN 119 343 734), County of Murchison, area of 8 units.

Application for Cancellation was received on 5 February 2016.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

CANCELLATION OF AUTHORITIES AT REQUEST OF HOLDERS

Notice is given that the following authorities have been cancelled:

(T12-1080)

Exploration Licence No 8026, FIFTH ELEMENT EXPLORATION PTY LIMITED (ACN 166 027 327), County

of Cunningham and County of Gipps, Map Sheet (8331), area of 19 units. Cancellation took effect on 18 February 2016.

(T12-1081)

Exploration Licence No 8027, FIFTH ELEMENT EXPLORATION PTY LIMITED (ACN 166 027 327), County of Gipps, Map Sheet (8331, 8430, 8431), area of 28 units. Cancellation took effect on 18 February 2016.

(T13-1114)

Exploration Licence No 8205, HILL END GOLD LIMITED (ACN 072 692 365), County of Phillip and County of Wellington, Map Sheet (8832), area of 9 units. Cancellation took effect on 19 February 2016.

(T13-1115)

Exploration Licence No 8206, HILL END GOLD LIMITED (ACN 072 692 365), County of Wellington, Map Sheet (8732, 8832), area of 8 units. Cancellation took effect on 19 February 2016.

(T13-1150)

Exploration Licence No 8249, NERRIGA RURAL PTY LTD (ACN 163 697 416), County of St Vincent, Map Sheet (8927), area of 4 units. Cancellation took effect on 22 February 2016.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy

TRANSFER

(Z15-0615)

Petroleum Exploration Licence No 461, formerly held by DART ENERGY (APOLLO) PTY LTD (ACN 113 972 473) has been transferred to OUR ENERGY GROUP PTY LTD (ACN 164 545 331). The transfer was registered on 28 January 2016.

The Hon ANTHONY ROBERTS, MP
Minister for Industry, Resources and Energy



GUIDE | PETROLEUM LEGISLATION

Onshore petroleum reporting and data submission guideline

A guide to geoscientific reporting and data submission of onshore petroleum exploration and production in New South Wales

Published by NSW Department of Industry, Skills and Regional Development, Division of Resources and Energy

Title: Onshore petroleum reporting and data submission

First published: March 2016

Document control

Authorised by: Executive Director, Geological Survey of New South Wales

RM8 Reference: INT16/17668

Amendment schedule		
<i>Date</i>	<i>Version #</i>	<i>Amendment</i>

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Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (February 2016). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of the NSW Department of Industry, Skills and Regional Development or the user's independent advisor.

Foreword

Comprehensive geoscientific records of onshore petroleum exploration and production provides a major competitive advantage to Australia. Access to reports and data on past exploration and production ensures that petroleum exploration investment does not duplicate past effort and can build on accumulated knowledge. Accordingly, the accurate recording of petroleum exploration and production is mandatory.

The Division of Resources and Energy (the division) within NSW Department of Industry is responsible for acquiring, assessing, storing and distributing this information. The department uses this geoscientific data to inform the government, resource industry and community about the state's resources, and to facilitate safe and sustainable development of NSW mineral and energy resources for the benefit of all NSW citizens.

This guideline has been prepared according to the *Petroleum (Onshore) Act 1991* (Act) and the *Petroleum (Onshore) Regulation 2007* (Regulation). The Act legislates onshore petroleum exploration and production activities and as well as safety, environmental protection, royalties and compensation. The purpose of this guideline is to specify the format, contents and standards required to prepare and submit petroleum geoscientific reports and data.

Holders of the following petroleum titles are required to submit reports and data:

- Petroleum Exploration Licence (PEL)
- Petroleum Assessment Lease (PAL)
- Petroleum Production Lease (PPL)
- Petroleum Special Prospecting Authority (PSPA)

NOTE: this guideline does not apply to safety, environmental management and rehabilitation, or community consultation reporting.

More information on reporting, submission and archiving of petroleum geoscientific reports and data is available on the websites listed below.

Website links for further information

Subject	Division of Resources and Energy website link
Geoscientific reporting	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/petroleum
DIGS	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/online-services/digs DIGS® (Digital Imaging Geological System) is a digital reporting and archiving system provided by the DRE to store data and information in digital format. This allows reports and data to be searched for, viewed and printed.
EROL	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/erol Exploration and Environmental Online Lodgement (EROL) allows title holders to lodge reports and data online. All reports and data lodged are assessed by department geoscientists to ensure compliance with this guideline.

Contacts

NSW Department of Industry
 Division of Resources and Energy
 Geological Survey of NSW
 516 High St MAITLAND NSW 2320
 PO BOX 344 HRMC NSW 2310
www.resourcesandenergy.nsw.gov.au

For further information on this [guideline](#) or geoscientific reporting contact:

Geological Survey of NSW
 Division of Resources and Energy
 516 High St Maitland NSW 2320
 PO Box 344 HRMC NSW 2310
Phone: 02 4931 6689
 Email: geoscience.petroleum@industry.nsw.gov.au

Reporting/service	Unit/company	Contact details
Petroleum geoscientific reporting	Strategic Resource Assessment and Advice - Geological Survey of NSW	Phone: (02) 4931 6689 Email: geoscience.petroleum@industry.nsw.gov.au
Geoscience products and regional geophysical surveys	Geoscience Information – Geological Survey of NSW	Phone: (02) 4931 6717 Email: geoscience.products@industry.nsw.gov.au
DIGS and EROL administration	Geoscience Information – Geological Survey of NSW	Phone: (02) 4931 6556 Email: digs.info@industry.nsw.gov.au
Londonderry Core Library	Geoscience Information – Geological Survey of NSW	WB Clarke Geoscience Centre 947-953 Londonderry Rd Londonderry NSW 2753 Phone: (02) 4777 0322 Email: corelibrary.admin@industry.nsw.gov.au
Broken Hill Core Library	Geoscience Information – Geological Survey of NSW	E C Andrews Drillcore Facility 42-56 Pinnacle Pl Broken Hill NSW 2880 Phone: (08) 8087 5143
Seismic field tape/data archiving	KDM SpectrumData	KDM SpectrumData Pty Ltd 357 Oxford St, Mount Hawthorn WA 6016 Phone: (08) 6161 5354, Fax: (08) 9444 7570 Email: perth.datamanagement@katalystdm.com

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Part A: General requirements

1. Introduction

This guideline will assist the holders of petroleum titles in NSW prepare geoscientific reports and data required by the *Petroleum (Onshore) Act 1991* (Act) and the *Petroleum (Onshore) Regulation 2007* (Regulation).

Each report must comply with this guideline and contain all diagrams, plans, and data necessary to satisfactorily interpret and evaluate the report. Reports supplied to the department that provide incorrect or misleading information and/or do not meet all the reporting requirements will be considered unsatisfactory and returned to the author for revision. Data that is incomplete or outstanding can be submitted once received. You must indicate in your submission that there is additional data to come and when it will likely be submitted. The department takes a reasonable approach to incomplete and outstanding data.

2. Submitting reports and statistics

Table 1 provides a summary of all report types required, their due dates, mode of submission and the period of confidentiality. All reports, statistics and data must be submitted in digital form via the relevant mode of submission and in the specified structure outlined in Part B of this guideline. Accompanying data must also be submitted in the format listed under Part D of this guideline.

Table 1 Report types

Report type	Type of title required for	Reporting format	Due date	Mode of submission	Confidentiality period
Annual report – PELs and PALs (and data)	All PELs and PALs	As specified in Part B, Section 1 of guideline	1 calendar month after the grant anniversary date of title	EROL	- Annual report remains confidential while the title is in force.
Annual report – PPLs (and data)	All PPLs	As specified in Part B, Section 2 of guideline	1 calendar month after the grant anniversary date of title	EROL	- Any basic data submitted with the report - two years - Any interpretative data submitted with the report - five years
Annual financial year statistics	All petroleum titles	As specified in Part B, Section 3 of guideline	31 August each year	Email	Always confidential
Partial relinquishment report (and data)	All petroleum titles	As specified in Part B, Section 4 of guideline	One calendar month after notice of the part	EROL	None - Open File immediately on relinquishment or cancellation

			renewal or cancellation		
Final report (and data)	All petroleum titles	As specified in Part B, Section 5 of guideline	One calendar month after the expiry or cancellation of the title	EROL	None - Open File immediately on expiry or cancellation
Well completion report (and data) for all wells drilled including redrills	All petroleum titles	As specified in Part B, Section 6 of guideline	Six months after rig release date	EROL	Two years
Seismic survey report (and data)	All petroleum titles	As specified in Part B, Section 7 of guideline	Six months after data acquisition date	EROL	Two years
Well assessment: gas production and gas testing results	PALs and PPLs where they have this requirement in their licence condition and are producing	As specified in Part B, Section 8 of guideline	Within seven days after the end of each month of production	Email	While the title remains in force
Well status notification	All petroleum titles	As specified in Part B, Section 9 of guideline	Within seven days of any change in well status	Email	Open file immediately
Notification of discovery	All petroleum titles	As specified in Part B, Section 10 of guideline	Within three days of any new discovery of hydrocarbons	Email	While the title remains in force

3. Transitional reporting arrangements

Improved Management of Exploration Regulation (IMER) is a reform of NSW exploration regulation, implemented from 1 July 2015. It applies only to Petroleum Exploration Licences (PELs) and Petroleum Assessment Leases (PALs). For further information about IMER go to:

www.resourcesandenergy.nsw.gov.au/miners-and-explorers/codes-and-guidelines/imer.

PELs and PALs granted or renewed after the 1 July 2015 are called IMER titles and are subject to IMER licence conditions. Those titles that have not been renewed under IMER are called non-IMER titles and will continue with their current licence conditions until their next renewal.

Petroleum Production Leases (PPLs) are not covered under IMER and therefore are non-IMER titles.

IMER titles

For PELs and PALs granted or renewed after 1 July 2015, Annual Activity Reports must be submitted as per the [Exploration guideline: Annual Activity reporting for prospecting titles](#).

Annual Activity Reports contain four components, one of which is the annual (geoscientific) report:

- Annual summary activity and expenditure table
- Annual exploration (geoscientific) report
- Annual environmental management and rehabilitation report
- Annual community consultation report.

IMER titles are also subject to a condition relating to work programs which must be prepared in accordance with the [Exploration guideline: work programs for prospecting titles](#). This requires the submission of the updated work program annually at the same time as an Annual Activity Report, regardless of whether the work program is changing.

Reporting under an Annual Activity Report condition meets requirements of Clause 16B of the Regulation.

Non-IMER titles

PELs and PALs granted or renewed before 1 July 2015 are known as non-IMER titles.

PELs and PALs that do not have a condition relating to Annual Activity reporting must continue to report in accordance with the regulation and this guideline. Environmental management and rehabilitation reports and community consultation reports may be required in accordance with existing licence conditions.

Non-IMER titles do not have to comply with the [Exploration guideline: work programs for prospecting titles](#) and do not have to submit work programs annually.

4. Tables to accompany reports

Most reports require tables to be submitted which provide information in standard formats as described in Part C of this guideline. The most up-to-date versions of table templates are available at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/petroleum>

5. Assessment of reports and data

You can lodge your reports and data online at the [Exploration and Environmental Online Lodgement \(EROL\)](#) website. All reports and data lodged are assessed by department geoscientists to ensure they comply with this guideline. Reports are also assessed to monitor exploration progress, inform decisions on applications for a new title or the renewal of a title, and to ensure that the results of exploration are fully and clearly recorded for the benefit of future explorers and researchers.

Satisfactory reports are accepted and an email notification advising that the report has been assessed and accepted is sent to the email address of the [EROL](#) account through which the report was lodged. Satisfactory reports are accepted and archived to DIGS®.

Reports and data that do not meet the requirements of this guideline are deemed unsatisfactory and sent back to the person who lodged the report for amendment and resubmission. In this case, an email notification is sent to the EROL account through which the report was lodged. The notification will include details of why the report was assessed as unsatisfactory and what action is required. Reports or data that require resubmission must be resubmitted within two weeks after the notification date.

6. Technical manager

All titles must have a nominated technical manager who is responsible for supervising prospecting operations and (geoscientific) exploration reporting. The person may hold tertiary qualifications in geoscience or mining engineering, or have other qualifications or other relevant and appropriate exploration experience for the commodities sought under the title.

Reports must be verified by the technical manager that the report accurately discloses the nature, extent, timing, results and geological interpretation, and that the activity summary accurately discloses expenditure (if relevant), of the exploration conducted during the reporting period, either by a signature or by making this statement. The name and contact details of the nominated technical manager must be provided in any report.

Approval of the technical manager is given on grant or renewal. The department must be notified of any change in the technical manager within 7 working days and approval sought.

7. Extensions and exemptions from reporting

Clause [16H](#) of the Regulation allows for authority holders to apply for an extension of the period within which a report must be lodged, or for an exemption from reporting requirements. However, extensions and exemptions are not generally granted except in cases of extreme hardship.

Applications for extensions or exemptions must be lodged 30 days before the date the report is due using the form [Application for extension or exemption from reporting \(ER01\)](#). Exemption from reporting requirements does not exempt the authority holder from their obligation to fulfil other conditions of authority, especially the requirements to effectively explore, assess or mine the authority area.

8. Group reporting (PPLs only)

Group geoscientific reporting is only available for contiguous PPLs where they are operated as a single project. Group geoscientific reporting of PELs, PALs or PSPAs is not accepted.

Applications for group reporting must be lodged with and approved by the department in letter format via email to geoscience.petroleum@industry.nsw.gov.au.

Group reports must provide information on what activities were conducted on each title within the group and contain a separate expenditure table for each title. If a single activity occurs across more than one title a pro-rata distribution of expenditure across those titles is acceptable.

9. Confidentiality and the release of information

Part 13 of the Act specifies the timing for release of information for reports and data. The following reports remain confidential while a title is in force:

- annual reports
- annual financial year statistics
- well assessment: gas production and gas testing results
- notification of discovery.

The release of other reports and data, relating to specific activities, depends on the type of the report and data. **Basic reports and data** may be made open file after **two (2) years** from completion of acquisition. **Interpretative reports and data** may be made open file after **five (5) years** from completion of interpretive activity.

You may choose to submit all data (basic and interpretative) in a single report. Such reporting will be subject to two year confidentiality period.

Core, cuttings and samples are considered basic data, and are subject to two (2) year confidentiality periods.

When any petroleum title is no longer in force, all reports and data related to that title will immediately become publically available, regardless of any confidentiality periods.

a. Basic reports and data

Basic data is data that is obtained at the time of an acquisition activity. Basic reports are reports on the acquisition of basic data. All contractor and/or acquisition contractor derived data and results are defined as basic data.

All basic data should be included in the relevant completion reports on activities (such as a well completion report or seismic survey report), or as appendices to the relevant annual exploration report for the title period in which the acquisition took place.

Some examples of basic data acquisition activities for which basic report and data submission is required include, but are not limited to (Table 2):

Table 2: Basic data acquisition activities

Geoscientific (geological, geochemical and geophysical) surveys	Geophysical surveys (airborne and ground based)
	Geochemical surveys
	Geological surveys
	Remote sensing
	Any other scientific or technical survey data
Analysis and studies undertaken on any rock, liquid or gas samples (whether the sample was obtained by the title holder directly or indirectly)	Sedimentological and petrological analysis
	Geomechanical analysis
	Palaeontology
	Source rock analysis
	Routine core analysis
	Special core analysis
	Liquid or gas analysis
Drilling, workover or testing of, or production from, an exploration, stratigraphic, appraisal, production or monitoring well	Drilling of an exploration, stratigraphic, appraisal, production or monitoring well (including re-drills)
	Workover of a well (includes re-entry, repair, recompletion or stimulation of an existing well)
	Well testing (includes pilot testing, pressure tests, fluid sampling, build-up tests, drawdown tests)
	Production
Processing or reprocessing of any geoscientific data	Seismic processing
	Seismic reprocessing
	Geophysical data processing
	Reprocessed data from any other scientific or technical survey

b. Interpretative reports and data

Interpretive reports and data include any data and conclusions drawn from that data that are considered an interpretation of acquired data.

All interpretative reports and data should be lodged separately to basic data to maintain a confidentiality period of five years, however, a company may elect to submit all data (basic and interpretative) in a single report which will be subject to two-year confidentiality period.

Interpretative reports and data should be submitted as appendices to the relevant annual exploration report for the title period in which the interpretation took place.

Examples of activities which constitute interpretation of acquired data include, but are not limited to (Table 3).

Table 3: Interpretive activities

Interpretation of any basic data (whether obtained by the title holder directly or indirectly)	Well interpretation
	Seismic horizon interpretation
	Seismic time/depth contour maps
	Potential field geophysical data interpretation
	Wireline log interpretation and composite logs
	Liquid or gas analysis interpretation
	Any other interpretation based on basic data
Conclusions drawn from any basic data (whether obtained by the title holder directly or indirectly)	Palaeontological analysis interpretation (eg: biostratigraphic zones, and conclusions drawn from species lists and range charts)
	Source rock analysis interpretation/conclusions
Analyses made by companies considered to be commercial-in-confidence	Core analysis studies carried out by titleholder research units utilising proprietary techniques
	Water flood test results derived by titleholder research units utilising proprietary techniques
Interpretive reservoir and reservoir engineering data	Interpretation of analytical results from tests data such as formation permeability, drawdown tests and build-up tests
	Resource/reserve estimates, structure/isopach maps of reservoir units
	Results of a re-evaluation of the commercial viability of the recovery of petroleum from a petroleum lease area
Studies which contribute to the geoscientific knowledge of an area or reservoir	Desktop studies
	Liquid or gas studies
	Reservoir engineering studies
	In-house study results
	Regional geology studies
	Sedimentological and petrological studies
	Other studies

10. Cores and samples

All petroleum title holders must collect, label and preserve all cores, characteristic samples and samples of any petroleum or water discovered in any well for the life of the title (Clause 16I of the Regulation). Cores and samples must be made available for examination and/or sampling by department officers on request.

The title holder must not dispose of cores and samples without approval from the department and without first offering them to the department for archival storage. The department will make a decision whether they wish to keep the cores/samples or not. The department's core libraries contain a selection of representative cores and samples for the benefit of explorers and other researchers.

If directed, the title holder must lodge selected cores and samples with one of the core libraries, in formats as specified in Table 5. Offers of core must be directed in writing to:

Geological Survey of NSW - Strategic Resource Assessment and Advice

Division of Resources and Energy

516 High St, Maitland NSW 2320

PO Box 344, HRMC NSW 2310

Phone: 4931 6689

Email: geoscience.petroleum@industry.nsw.gov.au

Part B: Structure of reports

1. Annual reports - PELs and PALs

Annual reports for PELs and PALs should present the technical results and interpretation of exploration and assessment activities conducted during the reporting period.

Annual reports for PELs and PALs must contain:

A. Title page (1 page)

- report type
- title number
- title holder
- project operator (if applicable)
- project name and location (if applicable)
- the reporting period
- date of report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration activities conducted during the reporting period.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- literature review (if applicable)
- exploration rationale (the petroleum targets, prospectivity and reasons for considering the area prospective).

D. Exploration completed in reporting period

- a detailed description of exploration activities carried out within the reporting period only, including full details and results of all studies, surveys, sampling or drilling programs, or other operations conducted
- a scaled diagram/map showing the locations of exploration activities undertaken during the reporting period. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads)
- a results/discussion section which should include plans, sections and data generated to illustrate the exploration results, any interpretation of results and significance of results, geological models, conclusion reached and recommendations.
- Where there have been external studies, such as university thesis, or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

E. Tables to accompany report

- a completed Reserve and Resources Table (if applicable)
- a completed Gas testing and Gas Production Table (if applicable)
- a completed Gas Compositions Table (if applicable).

F. Data

- a summary of data being submitted with this report

- a summary of any data which is not being submitted, reasons why, and when and how the data will be submitted i.e. LaFiX.
- completed tables should be submitted as XLS files in a zipped folder as well as in the PDF report.

G. Proposed exploration in next reporting period (non-IMER titles only)

- a description of the proposed exploration activities within the next reporting period only
- a standard scaled diagram/map showing the locations of proposed exploration activities. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads).

H. Other operations and activities (if applicable)

Reports and data must also be included in the annual report for any activities undertaken during the reporting period which constitute the acquisition, interpretation or assessment of geoscientific data. Examples of types of activities are included in Part A Section 9 (Table 2 and **Error! Reference source not found.**). Data requirements are specified in Table 5 to Table 8.

Specific reporting requirements for the completion of certain activities are detailed below.

i. Geophysical survey (excluding seismic) (if applicable)

In addition to required data (as specified in Table 8), reports on geophysical surveys undertaken within the reporting period should include the following as a minimum:

- regional geology
- methodology - parameters details
- interpretation - brief summary on interpretation such as whether the data is of a quality to allow interpretation of stratigraphy and or structures of interest ,etc
- appendices - general information - contractor, survey coverage and duration
- operations - positioning, equipment, calibrations, testing, permitting
- processing sequence
- statistics and personnel
- enclosures - location, data display, interpretation maps, etc
- data.

ii. Seismic survey reprocessing (if applicable)

In addition to required data (as specified in Table 7), reports on seismic reprocessing undertaken within the reporting period should include the following as a minimum:

- summary of processed lines
- acquisition parameters
- scaled diagram/map showing location of reprocessed lines
- data quality
- processing sequence
- images of processed seismic lines.

iii. Seismic interpretation (if applicable)

Reports on seismic interpretation undertaken within the reporting period should include the following as a minimum:

- results of seismic section interpretation and mapping based on such interpretation
- all other information that falls into interpretative data category
- seismic horizons/projects
- project submissions of horizons and faults as ASCII files (XYZ).

iv. Geophysical data interpretation (excluding seismic) (if applicable)

Reports on the interpretation of acquired or reprocessed geophysical data (other than seismic survey) should include the following as a minimum:

- results of geophysical data interpretation
- any mapping based on such interpretation
- all other information that falls into the interpretative data category.

v. Workover of a well (if applicable)

Reports on the workover of any well should include the following as a minimum:

- details of the well/s involved (well name/s and location/s as a minimum)
- details of the work or tests undertaken
- formation/s (geological unit/s) in which the activity took place (if applicable)
- justification/rationale for activity
- results/discussion
- current well status at completion of activity
- any data collected.

* Note – A workover that results in the deepening of a well should be treated as the drilling of a well, and a well completion report is required.

vi. Production from or testing of a well

Reports on the production from or testing of any well should include the following as a minimum:

- details of the well/s involved (well name/s and location/s as a minimum)
- date of production or pilot production testing period
- formation/s (geological unit/s) in which the activity took place (if applicable)
- justification/rationale for activity
- volumes, or estimates of the volumes, of gas, oil and water produced from the testing
- density of any oil produced from testing, measured using the American Petroleum Institute's (API) scale of measuring the specific gravity of oil, commonly known as the 'API gravity' of the oil
- pressure in the well, measured during the period, at which petroleum cannot escape from the wellhead for the well, commonly known as the 'shut-in pressure' of the well
- detail any workover or stimulation of wells undertaken for pilot production testing
- type of perforations in the well (if applicable)
- depth in metres of the top and bottom of perforated intervals (if applicable)
- choke size used for the well
- methodology of data recording and any corrections applied to the data
- brief summary of data quality such as whether the data is of a quality to allow resource estimation, production estimates, reservoir engineering for production etc.
- detail any workover, shut-in or completion activities on wells after the completion of pilot production testing program
- status of each well tested post pilot production testing program
- detailed summary of pilot production results, including conclusions reached regarding the geology of the area and the resource potential or lack of potential. Where resource potential is considered to be low, reasons for determining this must be included. In addition, where further work may increase the resource potential recommendations for future work should be included
- any data collected.

2. Annual reports - PPLs

Annual reports - PPLs should present the technical results and interpretation of production, exploration and associated activities during the reporting period.

Annual reports - PPLs must contain:

A. Title page (1 page)

- report type
- title number
- title holder
- project operator (if applicable)
- project name and location (if applicable)
- the reporting period
- date of report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration and/or production activities conducted during the reporting period.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- literature review (if applicable)
- extraction or exploration rationale (the petroleum targets, prospectivity and reasons for considering the area prospective).

D. Production/exploration/activities completed in the reporting period

- a description of production/exploration/activities undertaken during the reporting period
- a scaled diagram/map showing the location of activities undertaken during the reporting period
- a description of any assessment activities carried out during the reporting period
- a summary of geological findings - should include the main results of activities conducted (if any), such as geological and structural mapping and petrological and mineralogical studies
- where there have been external studies, such as university thesis, or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

E. Tables to accompany report

- a completed Expenditure and Statistics Table (expenditure is still required for PPLs)
- a completed Reserve and Resources Table
- a completed Gas Testing and Gas Production Table
- a completed Gas Compositions Table.

F. Data

- a summary of data being submitted with this report
- a summary of any data which is not being submitted, reasons why, and when and how the data will be submitted i.e. LaFiX
- completed tables should be submitted as XLS files in a zipped folder as well as in the PDF report.

G. Proposed production/exploration/activities in next reporting period

- a brief description of proposed production/exploration/activities in the next reporting period
- a standard scaled diagram/map showing the locations of proposed activities.

H. Other operations and activities (if applicable)

Reports and data must also be included in the annual report for any activities undertaken during the reporting period which constitute the acquisition, interpretation or assessment of geoscientific data. Examples of types of activities are included in Part A Section 9 (Table 2 and **Error! Reference source not found.**). Data requirements are specified in Table 5 to Table 8.

Specific reporting requirements for the completion of certain activities are detailed below.

i. Geophysical survey (excluding seismic) (if applicable)

In addition to required data (as specified in Table 8), reports on geophysical surveys undertaken within the reporting period should include the following as a minimum:

- regional geology
- methodology - parameters details
- interpretation - brief summary on interpretation such as whether the data is of a quality to allow interpretation of stratigraphy and or structures of interest etc.
- appendices - general information - contractor, survey coverage and duration
- operations - positioning, equipment, calibrations, testing, permitting
- processing sequence
- statistics and personnel
- enclosures - location, data display, interpretation maps etc.
- data.

ii. Seismic survey reprocessing (if applicable)

In addition to required data (as specified in Table 7), reports on seismic reprocessing undertaken within the reporting period should include the following as a minimum:

- summary of processed lines
- acquisition parameters
- scaled diagram/map showing location of reprocessed lines
- data quality
- processing sequence
- images of processed seismic lines.

iii. Seismic interpretation (if applicable)

Reports on seismic interpretation undertaken within the reporting period should include the following as a minimum:

- results of seismic section interpretation and mapping based on such interpretation
- all other information that falls into interpretative data category
- seismic horizons/projects
- project submissions of horizons and faults as ASCII files (XYZ).

iv. Geophysical data interpretation (excluding seismic) (if applicable)

Reports on the interpretation of acquired or reprocessed geophysical data (other than seismic survey) should include the following as a minimum:

- results of geophysical data interpretation
- any mapping based on such interpretation
- all other information that falls into the interpretative data category.

v. Workover of a well (if applicable)

Reports on the workover of any well should include the following as a minimum:

- details of the well/s involved (well name/s and location/s as a minimum)
- details of the work or tests undertaken
- formation/s (geological unit/s) in which the activity took place (if applicable)
- justification/rationale for activity
- results/discussion
- current well status at completion of activity
- any data collected.

* Note: A workover that results in the deepening of a well should be treated as the drilling of a well, and a well completion report is required.

vi. Production from or testing of a well

Reports on the production from or testing of any well should include the following as a minimum:

- details of the well/s involved (well name/s and location/s as a minimum)
- date of production or pilot production testing period
- formation/s (geological unit/s) in which the activity took place (if applicable)
- justification/rationale for activity
- volumes, or estimates of the volumes, of gas, oil and water produced from the testing
- density of any oil produced from testing, measured using the American Petroleum Institute's (API) scale of measuring the specific gravity of oil, commonly known as the 'API gravity' of the oil
- pressure in the well, measured during the period, at which petroleum cannot escape from the wellhead for the well, commonly known as the 'shut-in pressure' of the well.
- detail any workover or stimulation of wells undertaken for pilot production testing
- type of perforations in the well (if applicable)
- depth in metres of the top and bottom of perforated intervals (if applicable)
- choke size used for the well
- methodology of data recording and any corrections applied to the data
- brief summary of data quality such as whether the data is of a quality to allow resource estimation, production estimates, reservoir engineering for production etc.
- detail any workover, shut-in or completion activities on wells after the completion of pilot production testing program
- status of each well tested post pilot production testing program
- detailed summary of pilot production results, including conclusions reached regarding the geology of the area and the resource potential or lack of potential. Where resource potential is considered to be low, reasons for determining this must be included. In addition, where further work may increase the resource potential recommendations for future work should be included
- any data collected.

3. Annual financial year statistics

Annual financial year statistics must be submitted by 31 August each year. The annual collection of this petroleum exploration and production data in NSW enables accurate reporting by the department about the level of exploration investment and petroleum production occurring in the state.

Statistics are to be submitted using the [Expenditure and Statistics Table](#) template.

Where activities and expenditure apply to more than one title, please apportion amounts to each title (using a separate form for each title). Where exploration in a title covers both conventional and unconventional targets, separate submissions are requested for each target.

Completed statistics will be treated as confidential.

Templates and forms for petroleum title holders are available on the department's website:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/compliance-and-reporting/exploration-reporting/petroleum>

4. Partial relinquishment reports

Partial relinquishment reports are required when a title is reduced in area. These reports describe all of the exploration work conducted on the part of the title being relinquished.

Partial relinquishment reports are made open file immediately and therefore must contain all the relevant information that was previously contained in annual reports in addition to a discussion about the results and their significance.

Partial relinquishment reports must contain:

A. Title page (1 page)

- report type
- title type and number
- title holder
- grant date
- partial relinquishment date
- area relinquished (blocks and % of title)
- project operator (if applicable)
- project name and location (if applicable)
- date of report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration, assessment and production activities carried out during the full term (since grant) of the area being relinquished
- the reason(s) for relinquishment.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- title history and previous exploration
- exploration rationale (the petroleum targets, prospectivity and reasons for considering the area prospective).

D. Exploration/assessment completed

- a description of all exploration activities carried out on the area being relinquished since the grant of the title
- a scaled diagram/map showing the locations of all activities carried out in the relinquished area
- an inventory and details of all core and samples collected and their storage locations.

E. Results and discussion

- plans, maps, diagrams and sections that illustrate the geology including shows, occurrences, resources and reserves where applicable
- a discussion of the exploration results and their significance in the relinquished area, including potential petroleum plays, identified shows or occurrences, recommendations for further exploration or development, reasons for considering the area prospective/un-prospective, and reasons for relinquishment of the area
- details of hydrogeological studies and water monitoring bores

- where there have been external studies, such as university thesis or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

F. Tables to accompany report

- a completed Reserve and Resources Table (if applicable)
- a completed Gas Testing and Gas Production Table (if applicable)
- a completed Gas Compositions Table (if applicable).
-

G. Additional requirements for partial relinquishment of PALs, PSPAs and PPLs (if applicable)

- details of economic modelling and feasibility studies carried out
- details of marketing studies carried out
- details of any other assessment activities carried out
- production statistics for the area being relinquished
- a statement of any reserves/resources remaining in place
- an assessment of any future production potential
- a description of completed production activities.

H. Conclusions and recommendations

This section must provide conclusions reached regarding the geology of the area and any identified resources, shows or occurrences and implications for future exploration.

5. Final reports

Final reports are the last reports for a title and are submitted after the title is no longer in force. They must provide a summary of all exploration undertaken, a synthesis of the results and a discussion about the results and their significance.

Final reports must contain:

A. Title page (1 page)

- report type
- title number
- title grant data
- title holder
- project operator (if applicable)
- project name and location (if applicable)
- date of the report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration, assessment and mining activities conducted during the full term (since the grant) of the title
- the significance of the results.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- title history
- exploration rationale (the petroleum targets, prospectivity and reasons for considering the area prospective).

D. Exploration completed

- a summary of all exploration completed from the grant of the title
- a detailed description of any exploration activities carried out during the last year of the title
- a scaled diagram/map showing the locations of all exploration activities undertaken from the grant of the title. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads).
- an inventory of all core and samples collected and their storage locations.

E. Results and discussion

- plans, maps, diagrams and sections that illustrate the geology including shows, occurrences, resources and reserves where applicable
- a discussion of the exploration results and their significance, including potential petroleum plays, identified shows or occurrences, recommendations for further exploration or development, reasons for considering the area prospective/un-prospective, and reasons for relinquishment of the title
- details of hydrogeological studies and water monitoring bores
- where there have been external studies, such as University thesis or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

F. Tables to accompany report

- a completed Reserve and Resources Table (if applicable)

- a completed Gas Testing and Gas Production Table (if applicable)
- a completed Expenditure and Statistics Table – This expenditure data will be for the final annual reporting year only.
- a completed Gas Compositions Table (if applicable).

G. Additional requirements for PALs (if applicable)

- details of economic modelling and feasibility studies carried out
- details of marketing studies carried out
- details of any other assessment activities carried out.

H. Additional requirements for PPLs (if applicable)

- a statement of any unmined reserves/resources
- an assessment of any future production potential
- a description of completed production activities.

I. Conclusion

This section must provide conclusions reached regarding the geology of the area and any identified resources, shows or occurrences and implications for future exploration.

6. Well completion reports

The body of the well completion report is a summary and/or compilation of the data, and the actual raw data is included as appendices. Well data must be submitted in the formats as specified in Table 5.

Analyses that require longer periods of time to finalise (more than 6 months after the completion of the well) must be submitted immediately after relevant reports and data are available via [EROL](#).

Well completion reports must contain:

A. Title page (1 page)

- report type
- title number
- title holder
- project operator (if applicable)
- project name and location
- date of well completion and rig release
- date of report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Table of contents

- including tables, figures and/or plates, appendices, enclosures, attachments, additional volumes, digital data etc.

C. Executive summary or abstract (maximum 1 page)

- a summary of the activity conducted including reason for activity conducted and new geological concepts and plays discovered.

D. Background (recommended maximum 2 pages of text)

- location and access
- a standard scaled diagram/map showing the location of the activity. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads)
- title history and previous exploration
- literature review (if applicable)
- exploration rationale (the petroleum targets, prospectivity and reasons for considering the area prospective).

E. Expenditure table for activity

- refer to summary template available on website for the activity being conducted. This should be inserted in the PDF report as well as attached separately as XLS (zipped) file.

F. Well data summary table

- refer to Well Data Summary Table template available on website.

G. Well history

- an ASCII Format file of Well Path for input into ARCGIS should be supplied for all drilling (a shape file if available). It should include XYZ coordinates, azimuth and dip. For horizontal/deviated wells coordinates of azimuth and dip changes and end point coordinates must be included (XYZ coordinates)
- well location plotted on a satellite image in a scale allowing visual verification of the location in relation to features visible on image such as buildings, fence line, water bodies)

- drilling plan (drilling contractor; drilling rig details; blow out preventers etc)
- drilling data (hole size and depth; casing details; drilling fluids; fishing operations, etc)
- mud data (chemicals, additives used, ASCII file)
- formation sampling (cuttings, coring and sidewall cores; drill stem tests; gas detector; etc)
- logging and surveys (geological logging, mud logging, coring, wireline logging; velocity surveys, temperature surveys etc)
- testing (other tests)
- cementing - full details including plugs and depths
- plug and abandonment or suspension.

H. Geology

- regional geology/geological setting
- stratigraphy (regional and penetrated) submitted as an ASCII file
- structure
- palaeontological results
- source rock data
- porosity, permeability and formation testing data
- temperature data (including temperature, depth, time since circulation and circulation time)
- hydrocarbon shows.

I. Data

- a summary of data being submitted with this report
- a summary of any data which is not being submitted, reasons why, and when and how the data will be submitted i.e. LaFiX.

J. Results and conclusions

- a section including plans, sections and data generated to illustrate the exploration results, significance of results, geological models, resource/reserve estimates and anything else that may be relevant
- detailed summary of exploration and/or production results, including conclusions reached regarding the geology of the area and the resource potential or lack of potential. Where resource potential is considered to be low reasons for determining this must be included. In addition, where further exploration work may increase the resource potential recommendations for future exploration should be included.

K. References

L. Appendices

- location plan and surveyors notes – must contain a figure at an appropriate scale
- composite well log
- drillers logs
- lithology log
- graphic log (strip log)
- core, sidewall core and cutting descriptions
- core/cuttings photos
- core analysis data
- palaeontology and palynology reports
- petrological reports
- perforation logs
- fracture stimulation report and data (must include details of chemical additives and monitoring plan on possible aquifer contamination)
- borehole deviation plots, verticality Logs

- wireline geophysical data (LAS) and borehole scanning data, including digital data and images of wireline logs
- velocity survey
- vertical seismic profiling (VSP)
- DST, RFT, FIT – includes ASCII data, recorded charts and pressure recording
- gas desorption results and gas analysis
- mud log
- detailed well schematic (including completion details).

7. Seismic survey reports

The body of the seismic survey report is a summary and/or compilation of the data and the actual raw data is included as appendices. Seismic data must be submitted in the formats as specified in **Error! eference source not found.** and Table 6.

Seismic survey reports must contain:

A. Title page (1 page)

- report type
- title number
- title holder
- project operator (if applicable)
- project name and location (if applicable)
- dates of seismic survey
- date of report
- author(s) including contact details
- name, contact details and verification signature of the nominated technical manager.

B. Table of contents

- including tables, figures and/or plates, appendices, enclosures, attachments, additional volumes, digital data etc.

C. Executive summary or abstract (maximum 1 page)

D. Introduction

- summary of location, operator, parameters, line listing and length, etc.

E. Geology

- brief history of exploration including previous seismic, gravity, magnetic and radiometric surveys, wells drilled or any information that was considered before start of the survey.

F. Objectives of the survey

G. Acquisition and processing

- brief summary of the acquisition and processing. Details to be provided in appendices.

H. Data quality

- brief summary of data quality such as whether the data is of a quality to allow interpretation of stratigraphy and or structures of interest etc. Actual interpretation of the seismic data should be reported separately, not within this report.

I. Results and conclusions

- a section including plans, sections and data generated to illustrate the results, significance of results, geological models, resource/reserve estimates and anything else that may be relevant.
- detailed summary of exploration and/or production results, including conclusions reached regarding the geology of the area and the resource potential or lack of potential. Where resource potential is considered to be low reasons for determining this must be included. In addition, where further exploration work may increase the resource potential recommendations for future exploration should be included.

J. References

K. Appendices

- contractor - report coverage, location and duration of survey
- acquisition:
 - positioning (survey report, system, equipment, mapping)
 - data acquisition report (recording system, equipment, layout, energy source, instrument and noise tests, recording parameters, up hole tests, other surveys undertaken)
 - observer's log
 - surveyor's report
 - navigation data
 - QC field operations report
- processing report
- data quality report
- list of key personnel and list of field tapes and shotpoint numbers
- enclosures
 - shotpoint location maps
 - energy source array and spread arrangement figures
 - processing flow charts
 - images of processed seismic.

At the completion of the seismic work, a complete LEGIBLE set of observers logs, uphole records, surveyors notes, ASCII file of shot point location data, must be supplied together with a complete set of field tapes, stacked tapes, final stacks and migrated stacked sections in SEG Y format. Field data should be submitted directly to SpectrumData (see seismic field and stack tapes).

8. Well assessment: gas production and gas testing results

Some petroleum titles have a licence condition regarding *Well Assessment* which requires the submission of gas flow rates for each well connected to a gas gathering system and the total gas flow into the treatment facility.

This data must be submitted within seven days after the end of each month using the [Gas Testing and Gas Production Table](#) template available at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/petroleum>

The table must be submitted via email to geoscience.petroleum@industry.nsw.gov.au

Well status notification

If there is any change in the status of a well, **the department must be notified within seven days**.

You must submit this notification via email to geoscience.petroleum@industry.nsw.gov.au using only the approved definitions provided in Table 4 below.

Table 4: Well status definitions

Under construction	Yet to be completed well
Active	Constructed well with activity taking place (e.g. Work over, pumping, production etc). Please specify the activity taking place within the notification
Shut in	A constructed well with surface valves closed to stop it flowing. The well may be under pressure and may flow gas and/or fluids if valves were opened
Suspended	A constructed well that is not capable of flowing gas and/or fluids to the surface through the installation of at least 2 barriers (e.g. a pressure tested mechanical device and a full column of fluid) or a well that has temporarily discontinued operations
Plugged and decommissioned	A well that is fitted with cement and/or mechanical plugs that effectively seal the well from open petroleum bearing formations, potential leak points, freshwater aquifers and the surface, and decommissioned (removed from service) after cessation of function. The well is closed permanently

9. Notification of discovery

Section 27 of the Act requires that if there is any new discovery of hydrocarbons within a petroleum title, **the department must be notified within 3 days.**

This notification is must be submitted in letter or report format via email to geoscience.petroleum@industry.nsw.gov.au.

The notification should include the following as a minimum:

- title type and number
- title holder
- project operator (if applicable)
- project name and location (if applicable)
- date of discovery
- date of notification
- author(s) including contact details
- details of the discovery, including but not limited to:
 - location of the discovery (eg: well name and coordinates)
 - formation (geological unit) in which the discovery was made (if known)
 - measurement of quantity or rate of production of hydrocarbon and water from the well (if known)
 - physical and chemical properties of the hydrocarbon (if assessed)
 - preliminary estimation of quantities of hydrocarbon discovered (if assessed)
 - plans for the analysis and measurement of the hydrocarbon
 - plans for the well in which the discovery was made
 - plans for further testing of the region/geological unit in which the discovery was made.

Part C: Tables to accompany reports

Most reports require tables which provide information in standard formats that can be easily extracted for use by the department.

All tables must be in PDF format and inserted into the report, as well as XLS format and zipped as an attachment to the report in EROL.

Tables required are:

- [Expenditure and Statistics Table](#)
- [Gas Compositions Table](#)
- [Gas Testing and Gas Production Table](#)
- [Reserves and Resources Table](#)
- [Well Data Summary Table](#)

Templates can be found at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/petroleum>

Part D: Submitting digital data

1. Online lodgement

a) Digital Imaging Geological System – DIGS®

DIGS® is an online archive that holds reports, publications and other important documentary material held by the department.

The department requires the submission of data in digital format. This allows the department to provide useful non-confidential data to industry, either via data packages or directly from DIGS®.

Digital data provided to the department will be held in the DIGS® system in its native format. Native formats as defined by DIGS® are: PDF, ASCII (TXT, DAT, LAS, CSV), JPG, TIFF and ZIP.

b) Exploration and Environmental Reports Online Lodgement – EROL

Exploration and Environmental Reports Online Lodgement (EROL) allows titleholders to lodge reports online for verification by the department. A satisfactory report lodged in EROL is submitted electronically to DIGS®.

For more information on how to submit petroleum reports (including instructions for applying for a user account) using EROL, refer to the department website:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/erol>

The maximum limit of a single digital file attached to a report is 32 MB. Each report can have up to 200 digital files of up to 32 MB each attached.

For help with using EROL call (02) 4931 6556 or email digs.info@industry.nsw.gov.au.

c) Large File Exchange Service - LaFix

the department's Large File Exchange Service (LaFix) is used where data needs to be submitted that exceeds 32 MB (for a single file) or where there are more than 200 files to attach to a report.

<http://lafix.minerals.nsw.gov.au/Lafix?app=trade.resenergy.petroleum>

This data is to be submitted in addition to a report submitted via EROL. Data to be added to an existing report can be submitted via LaFix.

2. File formats for digital data submission

The primary format for the submission of digital reports is Adobe Acrobat PDF format. All textual documents, most figures, plans etc and small amounts of tabular data should be supplied in PDF format. Documents that cannot be supplied (or it would be inappropriate to be supplied) in PDF format should be supplied in the formats set out in sections (a) to (k) below.

All files must be virus free and not have any form of password or other security protection.

a) Reports

Reports must be provided as PDF documents. This includes the title page, summary, list of contents, references, and any figures and tables that are interleaved with the text, appendices and plans. Reports must contain the sections headings outlined in Part B of this Guideline.

When using PDF format, the report text (including tables of contents, abstract etc) and any figures, plans etc that form part of the body of the report should be compiled as a single PDF file. Each appendix to the report should be a single separate PDF file where possible. However, if creating one PDF file would create an excessively large PDF file (>32 MB), the report should be split into a small number of logically named PDF files.

b) Images

All graphics should be provided in PDF, JPEG or JPG or TIFF or TIF format. They must be readable, of good print quality, and the colour and spatial data of the original plan or image should be maintained. Resolution should be generally 300 dpi or better.

Most small to medium size graphics can be accommodated in PDF. These may be included in the main report PDF file, particularly if they are interleaved with the text.

For larger plans, or where PDF is not considered appropriate, JPEG and TIFF may be used.

File names should be logical (e.g. Figure1.tif, Appendix1_Figure1a.jpg).

c) Tables

All tables must be included in the relevant report in PDF format, as well as provided as Microsoft Excel files in the 'XLS' format. 'XLS' format files must be zipped and submitted as an attachment to the report lodged via EROL (EROL will not allow the submission of 'XLS' format files unless they are within a zipped folder). Further details about the type of tables are provided in Part C.

d) Tabular data

Tabular data should be supplied in fixed width, space delimited ASCII format (if the data is a small table in the body of a report it may be provided as part of the relevant PDF file). Acceptable ASCII formats are: TXT, DAT, LAS, CSV.

Files should have names that indicate which part of the report they are and/or what they contain. The files should also include a header with column headings, units, and explanations of abbreviations etc (or a separate file containing such information).

Example of fixed width, space delimited ASCII format:

Line	Shot	Elev.	Longitude	Latitude
DMR98-02	100	345.67	149.4523567	-30.4512634
DMR98-02	110	346.23	149.4654456	-30.4545675
DMR98-02	120	345.13	149.4724465	-30.4612459
DMR98-02	130	344.67	149.4756397	-30.4656346

e) Lithology logs (English logs)

Textural lithological descriptions should be supplied as PDF or ASCII (if in a table form they should be fixed width, space delimited) format. Acceptable ASCII formats are: TXT, DAT, LAS, CSV. Each well/borehole should be a separate file.

f) Geophysical logs (Wireline)

Digital logs files must be supplied in LAS version 2.0 format. In the case of imaged logs, data should be supplied as in LIS or TIF format. Log curves should be treated as images (see above), and provided preferably in PDF. File names should indicate the well name, the tool type and the run number where practical (e.g.Bohena2h_Gamma_r2.las).

g) Seismic sections

Final stack and migrated stack seismic sections should be supplied digitally as PDF, JPEG or TIFF format files. File names should include the line name (e.g.BohenaSS_98FSG_AAA.PDF, GunnedahSS_80-M3.PDF).

h) Seismic field and stack tapes

The raw seismic field data and stack tapes must be supplied on the latest industry standard storage media e.g. high quality DVD/CD, high density durable storage media (LTO or DLT) in SEG standard format. No other format or media will be accepted.

The field data should be sent directly to SpectrumData with clear instruction that data should be archived as CONFIDENTIAL in the department archives (NOT in petroleum company archives).

KDM SpectrumData address:

Library, Logistics and Vault Team Lead
KDM SpectrumData
357 Oxford St, Mount Hawthorn WA 6016
Phone: +61 (08) 6161 5354
Fax: +61 (08) 9444 7570

A transmittal acknowledging that SpectrumData received field data should be sent to:

Strategic Resource Assessment and Advice
Division of Resources and Energy
516 High St, Maitland NSW 2320
PO Box 344 HRMC NSW 2310
Email: geoscience.petroleum@industry.nsw.gov.au

Seismic data submission requirements have been outlined in **Error! Reference source not found.** to Table 7.

i) Geophysical survey data (non-seismic)

Raw, processed and final located data files should comply with the ASEG-GDF2 standard for a wide range of located data, or the ASEG-ESF standard for electrical surveys. Should the ASEG-GDF2 or ASEG-ESF standards be inappropriate for a particular survey type, the digital data should be delivered in a format complying with those listed in Table 8.

Derived data such as grids, images or models created from data are to be submitted in the appropriate file format specified in Table 8.

All coordinate data must also include clearly stated datum, spheroid and projection, clearly stated transformation parameters if not in same coordinate system as was acquired in the field. All elevation values must be AHD.

j) Location co-ordinates and plans

All coordinates are to be for the GDA94 geocentric datum and GRS80 spheroid.

Wherever location grid co-ordinates (including grids on plans, figures etc) are used, complete spheroid, datum, grid system and projection details **must** be stated (e.g.GDA94 Lat/long, GDA94 MGA zone 55). The department requires locations to be supplied in Decimal degrees Latitude\Longitude to a minimum of 6 decimal places (ddd.dddddddd).

k) File compression

Files may be submitted in compressed form in ZIP format. Compressed files must be self-extracting or instructions for decompression must be included. Compressed files must decompress into a single directory with no subdirectories. Compressed files must not be recompressed into another compressed file. File names used in lists of contents etc. must be the decompressed file names not the compressed file names.

Part E: Data formats

Table 5: Well data formats

Data required	Format	Remarks
Field and processed digital data		
Edited field data and processed data for all wireline logs, MWD or LWD tools. Includes well test raw data.	LIS, DLIS, LAS	With verification listing of the data supplied. The data shall include full header information
Edited field and processed data for borehole deviation surveys.	LIS, DLIS, ASCII, LAS, XLS	The data shall include full header information
Mud logging data	ASCII, LAS	With a header giving field names, curve names and units of measure
Downhole seismic and GPR	SEGY	
Velocity surveys		To include verification header file
-raw	DLIS, SEGY	
-processed	ASCII (Checkshot data)	
-checkshot and time/depth analysis		
Core, side wall core natural light photography – UV light to be done in fluorescent sections	JPEG, PNG or TIF	Provide minimum 300 DPI image in 24-bit colour. High-resolution images able to be magnified (zoom in) without pixilation
Reports and images (Digital format required for all lodgements)		
Well completion report	PDF	Image files and logs included in reports must be submitted as separate JPEG or TIF files
Log displays	PDS/ META/ PDF	Software to be provided. Continuous page at a readable scale
Mudlog	TIF/ PDF	Continuous page at a readable scale
Well data summary table	PDF and XLS (zipped)	As per template provided on website
Petrophysical, geochemical or other sample analyses	ASCII/ XLS	As a space or tab delimited ASCII file with metadata included
Composite well log	TIF/JPEG/PDF	
Velocity log displays	TIF/JPEG/PDF	
Samples		
Ditch cuttings		One set of washed and dried cuttings stored in the standard soil sample/pulp envelope or vials/bottles (minimum of 100g) labelled with the well name and depth intervals
Core and cuttings from any drilling activities		Selected core and cuttings must be lodged in standard modular core boxes/chip trays. Information on the hole and drilling depths must be clearly and permanently indicated on both the inside and the outside of each box
Fluid hydrocarbon samples (in an API approved safety container)		Consultation with the department recommended (1ltr if available)
Sidewall core material (if recovered)		
Palynological slides and residues Palaeontological material Petrological slides		As prepared

Table 6 Seismic data 2D formats

Data required	Format	Remarks
Field Data		
Navigation data Includes final processed navigation, elevation and bathymetry data	UKOOA	P1/90 or subsequent format with header information of navigation / shotpoint location data including elevations or bathymetry. Header data must include geodetic datum, spheroid, projection and clearly stated transformation parameters
Raw navigation data	UKOOA	P2/94 or subsequent format
Seismic field data	SEG Standard	
Seismic support data	PDF	Observers logs, surveyors notes, chaining diagrams, intersections
Uphole data	ASCII	
Itemised field tape listing	Digital (ASCII)	Field data showing tape number, survey name, line number, shotpoint range
Processed Data		
Raw and final stacked data, near/mid/far sub-stacks - if generated	SEG-Y	Includes fully annotated EBCDIC header
Raw and final migrated data including PSDM / PSTM, near/mid/far sub-stacks - if generated	SEG-Y	Includes fully annotated EBCDIC header
Fully annotated image of final processed migrated data. (Onshore)	TIFF, JPEG, PDF	The image must have a vertical scale of not less than 5cm/sec, and a resolution of minimum 300dpi
Shotpoint to CDP relationship	ASCII	Sufficient SP/CDP data for workstation interpretation. At least SOL and EOL relationships for each line and a listing of equivalent CDP/SP pairs for each line
Itemised process tape listing	ASCII	Showing tape number, survey name, line number, shotpoint range, data type
Velocity data	ASCII	Including line number, shotpoint, time versus RMS pairs for both stacked and migrated velocities
Final Reports		
Final report (operations and navigation)	PDF	Location map included. Onboard processing and any retained outputs to be documented in report
Final processing report	PDF	To include sample print out of SEG-Y EBCDIC header
Final interpretation report	PDF	
Digital images of interpretation maps	TIF	These include TWT structure maps at key horizons and representative sections showing seismic horizon picks as Geo-referenced TIF images
Interpreted horizons and faults	ASCII	X, Y and Z values

Table 6 Seismic data 3D formats

Data required	Format	Remarks
Field Data		
Final processed navigation data includes elevation and bathymetry data	UKOOA	All associated data sufficient to re-process seismic data including shot and receiver coordinates
Raw navigation data	UKOOA	P2/94 or subsequent format
Seismic field data	SEG Standard	To be submitted on high density media
Seismic support data	PDF	Must include observer's logs
Uphole data	ASCII	Includes line number, shotpoint and time depth pairs for each uphole
Itemised field tape listing	ASCII	Showing tape number, survey name, line number, shotpoint range, data type in ASCII format
Processed Data		
Raw stacked data, near/mid/far sub-stacks - if generated	SEG- Y	Includes fully annotated EBCDIC header
Raw and final migrated data including PSDM / PSTM, near/mid/far sub-stacks - if generated	SEG-Y	Includes fully annotated EBCDIC header
Final processed (grid) bin coordinates	UKOOA 3D binning grids	
Polygonal position data (Full Fold Outline and Surface Outline)	ASCII space or tab delimited	Listing major inflection points of a polygon describing the location of the survey providing survey name, polygon point, inline/crossline nomenclature, latitude and longitude
Velocity data	ASCII (Western Format)	Including bin number and time versus RMS velocity pair for both stacked and migrated velocities
2D data subset (non-exclusive surveys)	SEG-Y	Final migrated data
Itemised process tape listing	ASCII	Showing tape number, survey name, in-lines and crosslines, cdps, data type
Final Reports		
Final report (operations and navigation)	PDF	Location map included. Operations and Navigation Reports can be supplied as separate volumes. Onboard processing and any retained outputs to be documented in report
Final processing report including grid definition	PDF	To include sample print out of SEG-Y EBCDIC header, 3D grid definition details used for loading SEG-Y into interpretation work stations
Final interpretation report	PDF	
Digital images of interpretation maps	TIF	These include TWT structure maps at key horizons and representative sections showing seismic horizon picks as Georeferenced TIF images.
Interpreted horizons and faults	ASCII	X, Y and Z values

Table 7 Reprocessed seismic data formats

Data required	Format	Remarks
Processed Data		
Raw stacked data 2D and 3D, near/mid/far sub-stacks – if generated	SEG-Y	Includes fully annotated EBCDIC header
Raw and final migrated data including PSDM / PSTM (2D and 3D), near/mid/far sub-stacks - if generated	SEG-Y	Includes fully annotated EBCDIC header
Final processed (grid) bin coordinates	UKOOA 3D binning grids	To be completed using UKOOA
Polygonal positions for 3D data (Full Fold Outline for offshore; Full Fold Outline and Surface Outline for onshore)	ASCII tab or space delimited	Listing major inflection points of a polygon describing the location of the survey providing survey name, polygon point, inline/crossline nomenclature, latitude and longitude
Itemised tape listing	ASCII	Showing the tape number, survey name, line number, shotpoint, data-type and what original tapes are on the copy tapes
Fully annotated image of final reprocessed migrated data. (Onshore only)	TIFF, JPEG or CGM+	The image must have a vertical scale of not less than 5cm/sec
Velocity data	ASCII	Include line number, shotpoint, Time versus RMS pairs for both stacked and migrated velocities
Final Reports		
Final report (Reprocessing)	PDF	
Final report (Interpretive)	PDF	
Digital images of interpretation maps	TIF	These include TWT structure maps at key horizons and representative sections showing seismic horizon picks as Georeferenced TIF images

Table 8 Geophysical data formats

Data required	Format	Remarks
Field Data		
Geophysical data (magnetic, radioelement, gravity) Located data and derived grids.	ASEG-GDF2 ER Mapper Grid If data not covered by above formats, submit as tab delimited ASCII data text file with header text file.	Components must be submitted in a ZIP or RAR file. Gravity field data must include raw loop data, raw elevations plus measurement times and dates. Aeromagnetic data must include descriptive headers, flight number, line number, date and time, fiducial, raw magnetic reading, processed magnetic reading, radar and GPS or barometric altimeter, and base station reading
Electrical geophysical data (DC Resistivity, Time Domain EM, Frequency Domain EM, CSAMT, SP and MT)	ASEG-ESF ER Mapper Grid	Located data and derived grids. Components must be submitted in a ZIP or RAR file
Altimeter, storm monitor, etc. (aeromagnetic only)	ASCII	One copy of analog monitor records, diurnal records and altimeter records in an appropriate format
3D models	See national standard	DXF and ASCII preferred plus a 3D PDF
Ground Penetrating Radar (GPR)	All formats accepted with text header file	SEGY preferred
Other types of surveys		Submission and format details to be negotiated with the department
Digital images of interpretation maps	TIF	These include any maps included in the Interpretation report as separate Georeferenced TIF images
Processed Data		
Field and processed data	ASCII	ASCII data includes ASEG- GDF2 format
Geophysical data (magnetic, radioelement, gravity)	ASEG-GDF2 ER Mapper Grid	Aeromagnetic processed data must include pre and post microlevelling data. Gravity processed data must include descriptive headers, station, XY lat/long coordinates, meter reading, observed gravity value, elevation value calculation errors, final processed gravity value
Electrical geophysical data (DC Resistivity, Time Domain EM, Frequency Domain EM, CSAMT, SP and MT)	ASEG-ESF ER Mapper Grid	Components must be submitted in a ZIP or RAR file
3D models	DXF, U3D PDF	See national standard; DXF / ASCII preferred plus a 3D PDF
GIS data	Any format acceptable.	ESRI formats preferred
Geophysical inversion and numerical modelling	See national standard	Models and pseudosections
Geophysical images	PDF	
Final Reports		
Final report (operations, navigation and processing)	PDF	Must include location map and flight line map. Aeromagnetic surveys: Including aircraft and survey equipment details and specifications, flight line directions and terrain clearance, line spacing, total line kilometres. Gravity surveys: Including meter type, scale factor for meter. Data must be tied to an Isogal station in the Australian Fundamental Gravity Network. Processing report must include company details and processing parameters
Digital images of interpretation maps	TIF	These include any maps included in the Interpretation report as separate Georeferenced TIF images

Part F: Glossary

Table 10 Definitions

Term	Description	Category
department	NSW Department of Industry, Skills and Regional Development	NSW Department of Industry
the division	Division of Resources and Energy	NSW Department of Industry
GSNSW	Geological Survey of NSW	NSW Department of Industry
SRAA	Strategic Resource Assessment and Advice	NSW Department of Industry
DIGS	Digital Imaging Geological System	Digital Data Storage and Exchange
EROL	Exploration and Environmental Reports Online Lodgement	Digital Data Storage and Exchange
LaFix	Large File Exchange Service	Digital Data Storage and Exchange
Act	Petroleum (Onshore) Act 1991	Legislation
Regulation	Petroleum (Onshore) Regulation 2007	Legislation
PAL	Petroleum Assessment Lease	Title Type
PEL	Petroleum Exploration Lease	Title Type
PPL	Petroleum Production Lease	Title Type
PSPA	Petroleum Special Prospecting Authority	Title Type
Open File	A document/report and/or data that is able to be viewed by the public, no longer subject to confidentiality under the <i>Petroleum (Onshore) Act 1991</i>	Confidentiality /Release of Data
Confidential	A document/report and/or data that is not able to be viewed by the public, subject to confidentiality under the <i>Petroleum (Onshore) Act 1991</i>	Confidentiality /Release of Data
CSV	Comma Separated Values	File Extension
DAT	Data File	File Extension
DXF	Drawing eXchange Format	File Extension
ESF	External Source Format	File Extension
JPG/JPEG	Joint Photographic Experts Group	File Extension
PDF	Portable Document Format	File Extension
PNG	Portable Network Graphics	File Extension
RAR	Roshal Archive	File Extension
TIFF/TIF	Tag Image File Format	File Extension
TXT	Text File	File Extension
U3D	Universal 3D	File Extension
XLS/XLSX	eXcel Spreadsheet	File Extension
ZIP	Compressed File Format	File Extension
CSAMT	Controlled Source Audio-Frequency Magnetotellurics	Geophysics
DC Resistivity	Direct Current Resistivity	Geophysics
DLT	Digital Linear Tape	Geophysics
Frequency Domain EM	Finite Element Method	Geophysics
GPR	Ground Penetrating Radar	Geophysics
MT	Magnetotellurics	Geophysics
PSDM	Pre-Stack Depth Migration	Geophysics
PSTM	Pre-Stack Time Migration	Geophysics
SP	Shot point	Geophysics
Time Domain EM	Time-Domain Electromagnetics	Geophysics
TWT	two-way-time	Geophysics
VSP	Vertical Seismic Profiling	Geophysics

Term	Description	Category
LTO	Linear Tape Open	Geophysics
DPI	Dots Per Inch	Image Resolution
ASCII	American Standard Code for Information Interchange	International Standard
EBCDIC	Extended Binary Coded Decimal Interchange Code	International Standard
GDF2	General Data Format (version 2)	International Standard
LAS	Log ASCII Standard	International Standard
LIS/DLIS	Digital Logging International Standard	International Standard
P1/90	Navigation data standard format	International Standard
P2/94	Navigation data standard format	International Standard
SEGY/SEG-Y	Society of Exploration Geophysicists (SEG) geophysical data standard	International Standard
AHD	Australian Height Datum	Locational Data
GDA94	Geocentric Datum of Australia 1994	Locational Data
GIS	Geographic Information System	Locational Data
GPS	Global Positioning System	Locational Data
GRS80	Geodetic Reference System 1980	Locational Data
MGA	Map Grids Australia	Locational Data
LWD	Logging while drilling	Logging technique
MWD	Measurement While Drilling	Logging technique
ASEG	Australian Society of Exploration Geophysicists	Organisation
ESRI	Geographic Information System Company	Organisation
SEG	Society of Exploration Geophysicists	Organisation
UKOOA	UK Offshore Operators Association	Organisation
DST	Drill Stem Test	Well Test
FIT	Formation Integrity Test	Well Test
RFT	Repeat Formation Tester	Well Test



GUIDE | MINING LEGISLATION

Exploration reporting: A guide for reporting on exploration and prospecting in New South Wales

Published by NSW Department of Industry, Skills and Regional Development, Division of Resources and Energy

Title: Exploration reporting: A guide for reporting and exploration and prospecting in New South Wales

Cover image: A drilling rig in operation. Source: Geological Survey of NSW Library

Document control

Authorised by: Executive Director, Geological Survey of New South Wales

RM8 Reference: INT16/11360

Amendment schedule		
<i>Date</i>	<i>Version #</i>	<i>Amendment</i>
1 November 2010	1.0	First published
1 March 2016	2.0	Updated to reflect legislation amendments and current reporting requirements, data formats and lodgement facilities

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Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (February 2016). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of the NSW Department of Industry, Skills and Regional Development or the user's independent advisor.

Disclaimer

The Division of Resources and Energy within NSW Department of Industry, Skills and Regional Development (department) is currently working to produce a revised guideline for mineral and coal geoscientific reporting in NSW, which is expected to be released in the second half of 2016. The department acknowledges that this current guideline may, although providing useful information for NSW explorers and miners, contain inconsistencies in relation to recent legislative amendments to the *Mining Act 1992* (the Act) and regulatory amendments to the *Mining Regulation 2010* (the Regulations).

If there are inconsistencies between the requirements of this guideline and the requirements of the Act or the Regulations, the Act or the Regulations prevail to the extent of that inconsistency.

Foreword

Comprehensive geoscientific records of mineral and coal exploration and mining provides a major competitive advantage to Australia. Access to reports and data on past exploration and mining ensures that exploration investment does not duplicate past effort and can build on accumulated knowledge. Accordingly, the accurate recording of mineral and coal exploration and mining is mandatory.

The Division of Resources and Energy (the division) within NSW Department of Industry is responsible for acquiring, assessing, storing and distributing this information. The department uses this geoscientific data to inform the government, resource industry and community about the state's resources, and to facilitate safe and sustainable development of NSW mineral and energy resources for the benefit of all NSW citizens.

This guideline has been prepared according to the *Mining Act 1992* (Act) and the *Mining Regulation 2010* (Regulation). The Act legislates mineral and coal exploration and mining activities and as well as safety, environmental protection, royalties and compensation. The purpose of this guideline is to specify the format, contents and standards required to prepare and submit geoscientific reports and data.

Geoscientific reports are required under all types of authorities under the Act.

Note: this guideline does not apply to safety, environmental management and rehabilitation, or community consultation reporting.

More information on reporting, submission and archiving of geoscientific reports and data is available on the websites listed below.

Website links for further information

Subject	Division of Resources and Energy website link
Geoscientific reporting	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting
DIGS	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/online-services/digs DIGS® (Digital Imaging Geological System) is a digital reporting and archiving system provided by the DRE to store data and information in digital format. This allows reports and data to be searched for, viewed and printed.
EROL	http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/erol Exploration and Environmental Online Lodgement (EROL) allows title holders to lodge reports and data online. All reports and data lodged are assessed by department geoscientists to ensure compliance with this guideline.

Contacts

NSW Department of Industry
 Division of Resources and Energy
 516 High St Maitland NSW 2320
 PO Box 344 HRMC NSW 2310
www.resourcesandenergy.nsw.gov.au

For further information on this guideline or geoscientific reporting contact:

Geological Survey of NSW
 516 High St Maitland NSW 2320
 PO Box 344 HRMC NSW 2310

Reporting/service	Unit/company	Contact details
Geoscientific reporting Coal, geothermal and oil shale (Groups 8, 9 and 9A)	Strategic Resource Assessment and Advice - Geological Survey of NSW	Phone: (02) 4931 6689 Email: coal.geology@industry.nsw.gov.au
Geoscientific reporting: All other mineral groups (Groups 1-7 and 10)	Mineral Exploration Assessment - Geological Survey of NSW	Phone: (02) 4931 6698 Email: minerals.explorationassessment@industry.nsw.gov.au
Geophysical surveys and geoscience products	Geoscience Information – Geological Survey of NSW	Phone: (02) 4931 6717 (02) 4931 6597 Email: geophysics.products@industry.nsw.gov.au geoscience.products@industry.nsw.gov.au
DIGS and EROL administration	Geoscience Information – Geological Survey of NSW	Phone: (02) 4931 6556 Email: digs.info@industry.nsw.gov.au
Londonderry Core Library	Geoscience Information – Geological Survey of NSW	WB Clarke Geoscience Centre 947-953 Londonderry Rd Londonderry NSW 2753 Phone: (02) 4777 0322 Email: corelibrary.admin@industry.nsw.gov.au
Broken Hill Core Library	Geoscience Information – Geological Survey of NSW	E C Andrews Drillcore Facility 42-56 Pinnacle Pl Broken Hill NSW 2880 Phone: (08) 8087 5143

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Part A: General requirements

1. Introduction

This guideline will assist authority holders in NSW prepare geoscientific reports and data required by the *Mining Act 1992* (Act) and the *Mining Regulation 2010* (Regulation).

Each report must comply with this guideline and contain all diagrams, plans, and data necessary to satisfactorily interpret and evaluate the report. Reports supplied to the department that provide incorrect or misleading information and/or do not meet all the reporting requirements will be considered unsatisfactory and returned to the author for revision. Data that is incomplete or outstanding can be submitted once received. You must indicate in your submission that there is additional data to come and when it will likely be submitted. The department takes a reasonable approach to incomplete and outstanding data.

2. Submitting reports and statistics

Table 1 provides a summary of all report types required, their due dates, mode of submission and the period of confidentiality. All reports and data must be submitted in digital form via the relevant mode of submission and in the specified structure outlined in Part B of this guideline. Accompanying data must also be submitted in the format listed under Parts D and E of this guideline.

The only exception to this requirement is for reports on small-scale operations where there is no requirement for fully qualified technical management: for example Opal Prospecting Licences (OPLs). These reports may be submitted on paper or in digital form. Reports for OPLs should be lodged with the Mining Registrar of the Mining Division in which the claim or licence is situated. Details of reporting requirements for OPLs are located in Part F of this guideline.

Table 1 Report types

Report type	Reporting format	Due date	Mode of submission	Confidentiality period
Annual report (and data)	As specified in Part B, Section 1 of guideline	One calendar month after the grant anniversary date of title	EROL	Reports lodged on or after 1 June 2016 - five years after the report was lodged Reports lodged before 1 June 2016 – five years from that date (1 June 2021)
Partial relinquishment report (and data)	As specified in Part B, Section 4 of guideline	One calendar month after notice of the part renewal or cancellation	EROL	None - Open File immediately on relinquishment or cancellation
Final report (and data)	As specified in Part B, Section 5 of guideline	One calendar month after the expiry or cancellation of the title	EROL	None - Open File immediately on expiry or cancellation

3. Transitional reporting arrangements

Improved Management of Exploration Regulation (IMER) is a reform of NSW exploration regulation, implemented from 1 July 2015. It applies only to exploration licences (ELs) and assessment leases (ALs). For further information about IMER go to: www.resourcesandenergy.nsw.gov.au/miners-and-explorers/codes-and-guidelines/imer.

ELs and ALs where their applications for grant of renewal were lodged on or after 1 July 2015 are called IMER titles and are subject to IMER licence conditions. Those titles that have not been renewed under IMER are called non-IMER titles and will continue with their current licence conditions until their next renewal.

Mining authorities are not covered under IMER and therefore are non-IMER titles.

IMER titles

IMER titles require Annual Activity Reports to be submitted as per the [Exploration guideline: Annual Activity reporting for prospecting titles](#).

Annual Activity Reports contain four components, one of which is the annual (geoscientific) report:

- Annual summary activity and expenditure table
- Annual exploration (geoscientific) report
- Annual environmental management and rehabilitation report
- Annual community consultation report.

IMER titles are also subject to a condition relating to work programs which must be prepared in accordance with the [Exploration guideline: work programs for prospecting titles](#). This requires the submission of the updated work program annually at the same time as an Annual Activity Report, regardless of whether the work program is changing.

Reporting under an Annual Activity Report condition meets requirements of Clause 57 of the Regulation.

Non-IMER titles

Non-IMER titles do not have a condition relating to Annual Activity Reports and therefore must continue to report in accordance with the Regulation and this guideline. Environmental management and rehabilitation reports and community consultation reports may be required in accordance with existing licence conditions.

Non-IMER titles do not have to comply with the [Exploration guideline: work programs for prospecting titles](#) and do not have to submit work programs annually.

4. Tables to accompany reports

All reports require an Exploration Activity and Expenditure Table to be submitted which provide information in a standard format. The most up-to-date version of this table is available at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/mineral>

5. Assessment of reports and data

Report and data must be lodged online at the [Exploration and Environmental Online Lodgement \(EROL\)](#) website. All reports and data lodged are assessed by department geoscientists to ensure they comply with this guideline. Reports are also assessed to monitor exploration progress, inform decisions on

applications for a new title or the renewal of a title, and to ensure that the results of exploration are fully and clearly recorded for the benefit of future explorers and researchers.

Satisfactory reports are accepted and an email notification advising that the report has been assessed and accepted is sent to the email address of the [EROL](#) account through which the report was lodged. Satisfactory reports are accepted and archived to DIGS®.

Reports and data that do not meet the requirements of this guideline are deemed unsatisfactory and sent back to the person who lodged the report for amendment and resubmission. In this case, an email notification is sent to the EROL account through which the report was lodged. The notification will include details of why the report was assessed as unsatisfactory and what action is required. Reports or data that require resubmission must be resubmitted within two weeks after the notification date.

6. Technical manager

All titles must have a nominated technical manager who is responsible for supervising prospecting operations and (geoscientific) exploration reporting. The person may hold tertiary qualifications in geoscience or mining engineering, or have other qualifications or other relevant and appropriate exploration experience for the commodities sought under the title.

Reports must be verified by the technical manager that the report accurately discloses the nature, extent, timing, results and geological interpretation, and that the activity summary accurately discloses expenditure (if relevant), of the exploration conducted during the reporting period, either by a signature or by making this statement. The name and contact details of the nominated technical manager must be provided in any report.

Approval of the technical manager is given on grant or renewal. The department must be notified of any change in the technical manager within 7 working days and approval sought.

7. Extensions and exemptions from reporting

Clause 60 of the Regulation allows for authority holders to apply for an extension of the period within which a report must be lodged, or for an exemption from reporting requirements. However, extensions and exemptions are not generally granted except in cases of extreme hardship.

Applications for extensions or exemptions must be lodged 30 days before the date the report is due using the form [Application for extension or exemption from reporting \(ER01\)](#). Exemption from reporting requirements does not exempt the authority holder from their obligation to fulfil other conditions of authority, especially the requirements to effectively explore, assess or mine the authority area.

8. Group reporting (mining authorities only)

Group geoscientific reporting is only available for contiguous mining authorities where they are operated as a single project. Group geoscientific reporting of ELs and ALs is not accepted.

Applications for group reporting must be lodged with and approved by the department in letter format via email to the relevant unit within the Geological Survey of NSW shown under Contacts.

Group reports must provide information on what activities were conducted on each title within the group and contain a separate expenditure table for each title. If a single activity occurs across more than one title a pro-rata distribution of expenditure across those titles is acceptable.

9. Confidentiality of reports and data

Clause 58D of the Regulation specifies the timing for release of reports and data:

- In the case of an annual report (and associated data) lodged on or after 1 June 2016, reports must remain confidential for a period of five years from the date the report was lodged
- In the case of an annual report (and associated data) lodged before 1 June 2016, reports must remain confidential for a period of five years since that date i.e. until 1 June 2021.

Partial relinquishment reports and final reports are released once the title ceases to be in force (in most cases immediately).

10. Cores and samples

All titleholders must (so far as reasonably practicable) collect, retain, label and preserve all cores remaining after sampling and all characteristic samples of the rock or strata encountered for the life of the title (Clause 58E of the Regulation). Cores and samples must be made available for examination and/or sampling by department officers on request.

The titleholder must not dispose of cores and samples without approval from the department and without first offering them to the department for archival storage. The department will make a decision whether they wish to keep the cores/samples or not. The department's core libraries contain a selection of representative cores and samples for the benefit of explorers and other researchers.

If directed, the title holder must lodge selected cores and samples with one of the core libraries. Offers of core must be directed in writing to:

WB Clarke Geoscience Centre
Geological Survey of NSW
947-953 Londonderry Rd, Londonderry NSW 2753
Phone: (02) 4777 0322
Email: corelibrary.admin@industry.nsw.gov.au

Part B: Structure of reports

1. Annual reports

Annual reports should present the technical results and geological interpretation of exploration activities and/or mining operations carried out during the reporting period.

Reports should explain the exploration philosophy and objectives (e.g. the type of mineral deposit sought and the reasons for considering the area prospective for such deposits). This is particularly important for the first report since it provides a basis for future report assessment and, in particular, determination of exploration progress. Geoscientific data must be provided in accordance with Part D or E of this guideline.

Annual reports must contain:

A. Title page (1 page)

- report type (i.e. annual)
- authority number
- authority holder
- grant and expiry dates
- project operator (if applicable)
- project name and location (if applicable)
- the reporting period
- date of report
- author(s) including contact details
- name, contact details and verification by the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration activities and/or mining operations conducted during the reporting period.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- authority history and previous exploration
- exploration rationale (type of deposit sought and reasons for considering the area prospective).

D. Exploration completed in reporting period

- a detailed description of exploration activities carried out within the reporting period only, including full details and results of all studies, surveys, sampling or drilling programs, or other operations conducted
- a scaled diagram/map showing the locations of exploration activities undertaken during the reporting period. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads)
- A completed [Current Exploration Activity and Expenditure Table](#)
- Where there have been external studies, such as university thesis, or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

E. Results and discussion

- plans, sections and data generated to illustrate the exploration results, any interpretation of results and significance of results, geological models, conclusion reached and recommendations

F. Data

- a summary of data being submitted with this report
- a summary of any data which is not being submitted, reasons why, and when and how the data will be submitted i.e. LaFiX

G. Proposed exploration in next reporting period (not required for IMER titles)

- a description of the proposed exploration activities and/or mining operations within the next reporting period only
- a standard scaled diagram/map showing the locations of proposed exploration activities. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads)
- A completed [Proposed Exploration Activity and Expenditure Table](#).

H. Additional requirements for assessment leases (if applicable)

- most recent resource/reserve statement for the deposit (JORC compliant)
- details of metallurgical/washery/processing studies carried out in the reporting period
- details of economic modelling/feasibility studies carried out in the reporting period
- details of marketing studies carried out in the reporting period
- details of any other assessment activities carried out in the reporting period

I. Additional requirements for mining authorities (if applicable)

- most recent resource/reserve statement (JORC compliant)
- production statistics for the reporting period including amount of material mined and amount of ore shipped
- a description of current mining operations
- a description of any assessment activities carried out in the reporting period
- a summary of geological findings including the main results of activities conducted in the mine, such as geological, structural mapping and petrological and mineralogical studies. Information on stratigraphy, distribution and controls of mineralisation, alteration features, etc should be included if available

2. Partial relinquishment reports

Partial relinquishment reports are required when an authority is reduced in area. The report is essentially a final report only on the part of the authority relinquished. If the current authority has any 'flow-on' from a previous authority, all exploration/mining operations completed on the previous authority in the area affected by the current relinquishment must be included. Geoscientific data relating to the area relinquished must be provided in accordance with Part D or E of this guideline.

Partial relinquishment reports must contain:

A. Title page (1 page)

- report type (i.e. partial relinquishment)
- authority type and number
- authority holder
- grant date
- partial relinquishment date
- area relinquished (units or ha and % of authority)
- project operator (if applicable)
- project name and location (if applicable)
- date of report
- author(s) including contact details
- name, contact details and verification of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration, assessment and mining operations carried out during the full term (since grant) of the area being relinquished
- the reason(s) for relinquishment.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- title history and previous exploration
- exploration rationale.

D. Exploration/assessment completed

- a description of all exploration activities carried out on the area being relinquished since the grant of the title
- A completed [Current Exploration Activity and Expenditure Table](#) for the full term of the area being relinquished
- a scaled diagram/map showing the locations of all activities carried out in the relinquished area
- an inventory and details of all core and samples collected, their storage locations and plans for future storage.

E. Results and discussion

- plans, maps, diagrams and sections that illustrate the geology including plans, sections and data generated to illustrate exploration results, significant of results, geological models, resource/reserve estimates and anything else that may be relevant

F. Conclusions and recommendations

- a summary of exploration (or mining) results, including conclusions reached regarding the geology of the area and the resource potential. In addition, where further exploration work

may increase the resource potential, recommendations for future exploration should be included.

G. Additional requirements for partial relinquishment of assessment leases (if applicable)

- Most recent resource/reserve statement (JORC compliant)
- details of metallurgical/washery/processing studies carried out
- details of economic modelling/feasibility studies carried out
- details of marketing studies carried out
- details of any other assessment activities carried out

H. Additional requirements for mining authorities (if applicable)

- production statistics for the life of mine in the area to be relinquished including amount of material mined and amount of ore shipped
- details of the nature of resources grade or quality in mine residue
- a statement of any unmined reserves/resources (JORC compliant)
- an assessment of any future mining potential in the relinquished area
- a summary of the mine geology including stratigraphic details, structure, any petrological and mineralogical studies, distribution and controls of mineralisation, alteration features, etc.
- details of all cores and cuttings from the relinquished area their storage locations
- where there have been external studies, such as university thesis or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

3. Final reports

Final reports are the last reports for an authority and are submitted after the authority has been fully cancelled or relinquished, or expires. They will, in addition to all annual reports, be the main source of information for future explorers of the area. Only one final report is written per authority and it may incorporate the last annual report. Any geoscientific data that has not been previously submitted must be submitted with this report in accordance with Part D or E of this guideline.

Final reports must contain:

A. Title page (1 page)

- report type (i.e. final)
- authority type
- authority number
- authority holder
- grant date
- cancellation/relinquishment/expiry date
- project operator (if applicable)
- project name and location (if applicable)
- date of the report
- author(s) including contact details
- name, contact details and verification of the nominated technical manager.

B. Executive summary or abstract (maximum 1 page)

- a summary of all exploration, assessment and mining activities conducted during the full term (since the grant) of the title.

C. Background (recommended maximum 2 pages of text)

- location and access
- geology
- authority history and previous exploration and/or mining
- exploration rationale

D. Exploration completed

- a detailed description of any exploration activities carried out during the final year of the authority using templates in Part D and E as appropriate
- a scaled diagram/map showing the locations of all exploration activities undertaken from the grant of the title. The scaled diagram/map should also include the title boundary, towns and major infrastructure (e.g. railways, highways, roads).
- a completed [Current Exploration Activity and Expenditure Table](#) for all exploration activities carried out during the term of the authority
- an inventory of all core and samples collected, their storage locations and plans for future storage.

E. Results and discussion

- plans, sections maps, diagrams and sections that illustrate the geology including shows, occurrences, resources and reserves where applicable

F. Conclusions and recommendations

- A summary of exploration and/or mining results, including conclusions reached regarding the geology of the area and the resource potential. Where further work may increase the resource potential, recommendations for future exploration should be included.
-

G. Additional requirements for assessment leases (if applicable)

- Most recent resource/reserve statement (JORC compliant)
- details of metallurgical/washery/processing studies carried out
- details of economic modelling/feasibility studies carried out
- details of marketing studies carried out
- details of any other assessment activities carried out.

H. Additional requirements for PPLs (if applicable)

- production statistics for the life of mine in the area to be relinquished including amount of material mined and amount of ore shipped
- details of the nature of resources grade or quality in mine residue
- a statement of any unmined reserves/resources (JORC compliant)
- an assessment of any future mining potential in the relinquished area
- a summary of the mine geology including stratigraphic details, structure, any petrological and mineralogical studies, distribution and controls of mineralisation, alteration features, etc.
- details of all cores and cuttings from the relinquished area their storage locations
- where there have been external studies, such as university thesis or where research papers have been prepared for publication, the main conclusions of those works should be briefly summarised and a reference to the full work provided.

Part C: Tables to accompany reports

All reports require an [Exploration Activity and Expenditure Table](#) to be submitted which provide information in a standard format. The most up-to-date version of this table template is available at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/mineral>

This table has two tabs, the first tab is for *current* exploration activities and expenditure and the second tab is for *proposed* exploration activities and expenditure. The table must be in PDF format and inserted into the report

Notes for completing Exploration Activities and Expenditure Tables

- office administration can include: office administration, training, rent, security, agents fees, insurance, office equipment and IT/software. Note: this should not exceed 15% of the total
- authority management can include: advertising of EL, report distribution and submission, legal matters, native title management, community liaison, compensation payments and land access
- office activities can include: literature review, data acquisition, data compilation, data processing, research, remote sensing interpretation, report preparation, GIS/cartography, exploration database, prospectivity modelling and resource estimation, exploration planning
- laboratory analysis can include: assays, petrology, isotopes, metallurgy/washability and processing and freight.

Part D: Submitting digital data

1. Online lodgement

a) Digital Imaging Geological System – DIGS®

DIGS® is an online archive that holds reports, publications and other important documentary material held by the department.

The department requires the submission of data in digital format. This allows the department to provide useful non-confidential data to industry, either via data packages or directly from DIGS®.

Digital data provided to the department will be held in the DIGS® system in its native format. Native formats as defined by DIGS® are: PDF, ASCII (TXT, DAT, LAS, CSV), JPG, TIFF and ZIP.

b) Exploration and Environmental Reports Online Lodgement – EROL

Exploration and Environmental Reports Online Lodgement (EROL) allows titleholders to lodge reports online for verification by the department. A satisfactory report lodged in EROL is submitted electronically to DIGS®.

For more information on how to submit reports (including instructions for applying for a user account) using EROL, refer to the department website:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/erol>

Only the following file types can be submitted using EROL:

- PDF Portable Document Format
- LAS Log ASCII Standard (as zipped files)
- TXT Tab delimited ASCII text file
- CSV Comma delimited ASCII text file
- JPG Joint Photographic Group
- TIF Tagged Image File

Proprietary file formats are not accepted by EROL. In particular, filename.doc (Word), filename.xls (Excel), GIS formats.

For help with using EROL call (02) 4931 6556 or email digs.info@industry.nsw.gov.au.

c) File size

The maximum limit of a single digital file attached to a report is 32 Mb. Each report can have up to 200 digital files of up to 32 Mb each attached.

If there are a significant number of large files to be submitted (for example, coal drill hole records, ground geophysical survey records), an 'Offline Data' option is available to be used.

The report is still loaded onto EROL, but the file is listed as 'Offline' and a file description must be supplied.

The file must then be sent to the Department on a CD/DVD within 14 days of the EROL submission. The CD/DVD must be labelled with the EROL submission number, authority number, authority holder and report type. Offline data files must be formatted as for on-line files.

It is preferred that coal borehole data from the same hole are zipped together in zip files under 24Mb. Each zip file must contain the borehole name and data description.

Offline data must be sent to:

Groups 8, 9 and 9A - Reporting Officer, Strategic Resource Assessment and Advice.

Groups 1 to 7 and 10 – Reporting Officer – Mineral Exploration Assessment.

Postal address is provided under Contacts.

d) Large File Exchange Service - LaFix

The department's Large File Exchange Service (LaFiX) is used where data needs to be submitted that exceeds 32 Mb (for a single file) or where there are more than 200 files to attach to a report. The LaFix website link is:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/lafix>

This data is to be submitted in addition to a report submitted via EROL. Data to be added to an existing report can be submitted via LaFix.

2. File formats for digital data submission

The primary format for the submission of digital reports is Adobe Acrobat PDF format. All textual documents, most figures, plans etc and small amounts of tabular data should be supplied in PDF format. Documents that cannot be supplied (or it would be inappropriate to be supplied) in PDF format should be supplied in the formats set out in sections (a) to (j) below.

All files must be virus free and not have any form of password or other security protection.

a) Reports

Reports must be provided as PDF documents. This includes the title page, summary, list of contents, references, and any figures and tables that are interleaved with the text, appendices and plans. The report must contain the section headings.

b) Images

All graphics should be provided in PDF with coordinate grid, Joint Photographic Group (JPEG or JPG), Tagged Image File (TIFF or TIF) or Enhanced Compression Wavelet (ECW) format with georeferencing. They must be readable, of good print quality, and the colour and spatial data of the original plan or image should be maintained. Resolution should be generally 150 dots per inch (dpi) or better.

Most small to medium size graphics can be accommodated in PDF. These may be included in the main report PDF file, particularly if they are interleaved with the text.

For larger plans, or where PDF is not considered appropriate, the raster image formats of JPEG and TIFF may be used. Bear in mind that JPEG is suitable for images with subtle gradations of colour or shade. JPEG is not as suitable for line work because compression techniques play off quality against file size and may tend to blur sharp edges.

c) Geoscientific data (drilling, geochemistry, ground geophysics)

All tabular exploration data should be supplied as American Standard Code for Information Interchange (ASCII) files. These files should be tab or comma delimited (tab preferred), not fixed width.

For exploration tabular data for Groups 1-8, 9A and 10 the data formats for particular types of data are shown in Part E(1).

For data formats for coal (Group 9) see Part E(2).

For non-seismic ground geophysical data, raw, processed and final located data files should preferably comply with the ASEG-GDF2 format for located data. Should the ASEG-GDF2 format be inappropriate for a particular survey type, the digital data should be delivered in a format complying with those listed in Table 2, for example, as tab-delimited ASCII files.

Surveys in this classification include gravity, magnetic, radiometric, electromagnetic, induced polarisation and all other types of ground-based non-seismic surveys.

It is required that derived data such as grids, images or models created from the data are to be submitted in the appropriate file format as specified in Table 2.

d) File naming convention

File names should conform to the following convention:

authority id_YYYYMM_A/P/F_##_data type.eee

- authority id** - an identifier for the authority
- YYYYMM** - a 6-digit report date representing year and month
- A/P/F** - one of the letters denoting Annual, Partial Relinquishment or Final Report
- ##** - a 2-digit sequential number for each file submitted
- data type** - for the data type contained in the file (e.g. map, appendix, report, etc)
- .eee** - files extension (including the period). For example .pdf, .txt, jpg, tif

By way of example, the file

'EL4242_200106_A_03_appendix.txt'

would represent the third file in the June 2001 Annual Report for Exploration Licence 4242, containing tabular data in ASCII text format.

e) Metadata

Metadata are defined as "data about data" and should provide sufficient information about a dataset for it to be used properly. The standard recommended by ANZLIC for metadata should be used where appropriate. However, some data require more information for intelligent use, and some data require specific metadata covered under other international standards.

Metadata are to be presented in a file header at the top of the file of related tabular data (preferred), or as a separate file. Details of metadata file headers ("templates") are supplied for several data types in Part E of this document.

f) Geographical information system and vector data

Geographical information system (GIS) and other vector data in native format are generally not required as all the information should already be supplied as tabular data (in ASCII) and as plans or figures.

g) Location coordinates

Wherever coordinates are used in the data, the spheroid (eg, ANS, GSR80), datum (eg, AGD66, GDA94) and grid system (eg, latitude/longitude, MGA zone 54) must be stated.

If possible, coordinates should be supplied in the new geocentric datum GDA94 (spheroid-GSR80, datum-GDA94, grid projection-MGA).

h) Airborne geophysical survey data

Geophysical Survey Results Reports for airborne geophysical surveys are to include digital files that adhere to the Australian Society of Exploration Geophysicists (ASEG) General Data Format Revision 2 (ASEG-GDF2) for exchanging and archiving of located point and line data. The standard is suitable for the exchange of aeromagnetic, radiometric gravity, electromagnetic, and computed digital terrain data.

The standard assumes that there will be one or more channels of information recorded at each point. For example, for a total magnetic intensity survey, the channels should include line, flight, date, time, easting, northing, raw magnetic field, diurnally corrected magnetic field, IGRF corrected magnetic field etc.

The ASEG-GDF2 data exchange has a minimum of four files:

1. A decodable format description in the primary file (*survey.DFN*) separates the formatting details from the data
2. A second file contains a text description of the data (*survey.DES*) and survey contents.
3. The third file contains associated metadata (*survey.MET*) with specification details for the map datum and projection for the geophysical data.
4. The fourth file contains the geophysical data (*survey.DAT*). The format description file defines information such as field names, units of measurement, format, comments and missing data substitution values (nulls). The data is contained in simple, multi-column ASCII files (tables).

In addition to ASEG-GDF2 format digital point-located data, associated derived information such as grids, images or models created from the data must be submitted in the appropriate file format specified in this section.

Airborne geophysical survey data must be sent to the Geological Survey of NSW's Chief Geophysicist:

Geological Survey of NSW

Chief Geophysicist

516 High St, Maitland NSW 2320

PO Box 344, Hunter Region Mail Centre

Phone: (02) 4931 6732

Email: geophysics.products@industry.nsw.gov.au

i) Remote-sensed survey data

Located data of remotely sensed surveys must conform with the requirements as outlined in the *"Australian Requirements for the submission of Digital Exploration Data"*. This data must be sent to the Geological Survey of NSW's Chief Geophysicist (contact details under airborne geophysical survey data).

j) Seismic survey data – sections

Final Stack and/or migrated stack seismic sections must be supplied in hardcopy form on stable media (transparency, acetate, etc). The department also encourages the supply of sections digitally as CGM/CGM+ format files. No other digital format will be accepted. (Note: interpreted sections that form part of a report should be treated as an Exploration Report Graphics).

CGM/CGM+ format sections should be supplied on DVD, portable hard drive (or equivalent). File names should include the line name (e.g.BohenaSS_98FSG_AAA.cgm, GunnedahSS_80-M3.cgm).

At the completion of the seismic work a complete LEGIBLE set of observers logs, uphole records, surveyors notes, ASCII file of shot point location data, will be supplied together with a complete set of field tapes, stacked tapes, final stacks and migrated stacked sections in SEG Y format.

The seismic processed and stacked data must be supplied on DVD, portable hard drive (or equivalent) in SEG-Y format. No other format will be accepted.

Table 2: Summary formats for digital data

Data format	Description	Format	Parameter	Suffix
Report text	Documents, figures etc	Adobe Acrobat (PDF)		.pdf
Tabular data	Point locations, geochemistry, drilling logs, ground geophysics, analytical data	Tab Delimited ASCII	Reproducible at 300 dpi, 24 bit Q>95 reproducible at 300 dpi, 8 bit	.txt
Maps, plans, figures and photos not embodied in report text	Files of maps, plans, figures, photos etc	Adobe Acrobat GEOTIFF/TIFF JPEG		.pdf .tif .jpeg
GIS data	Data in GIS Format	Any format acceptable. ESRI formats preferred.		
3D models	3D mine and geology models	Any format acceptable		
Airborne geophysical data	Raw, processed, located and derived data	ASEG GDF2 ASEG GXF ER Mapper Grid XML		.gdf .gxf .grd, .ers .xml, .xsd
Non-seismic ground geophysical data	Raw, processed, located and derived data	ASEG GDF2 ASEG GXF ER Mapper Grid XML TAB Delimited ASCII with header		.gdf .gxf .grd, .ers .xml, .xsd .txt
Remotely sensed (incl. airborne geophysical) images	Images derived from geophysical / remote sensing surveys, e.g. TMI, Bouguer Gravity, radiometrics, Landsat 5 or 7	GEOTIFF/TIFF (colour) TIFF (greyscale) Compressed ER Mapper (Enhanced Compression Wavelet) JPEG PDF	Reproducible at 300 dpi, 24 bit Reproducible at 300 dpi, 8 bit Best quality (least loss) Quality as above 8 bit	.tif .tif .ecw .jpg .pdf
Geophysical inversion and numerical modelling	Models	Points (DXF or ASCII) Images Surfaces 3D grids (UBC Grid or GoCAD Voxet)		.dxf, .txt .pdf, .tif, .jpg .dxf
Seismic data	Raw & processed data Navigation data Processed sections	SEG Y UKOOA P1/90 CGM+ format with metadata		.sgy .uka .cgm
Geophysical log data	Raw and processed wireline and MWD data	DLIS LIS LAS		.lis .lis .las
	Log plots	Adobe Acrobat TIFF JPEG GIF PNG		.pdf .tif .jpg .gif .png
	Processed downhole velocity data	SEG Y		.sgy

Part E: Templates for data

1. Data templates for mineral groups 1-8, 9A and 10

Table 3 Exploration data templates

Template name	Label	Description
Surface Locations	SL1	Drillhole collar locations, surface geochemistry point sample locations or other site locations
Surface Geochemistry	SG1	Sample locations and geochemistry data
	SG2	An abbreviated form for geochemistry data alone. The associated location data must be included in a separate file. The SG1 format is preferred to this format
Drilling Survey	DSL1	Downhole directional survey data
Lithological Logging	DL1	Downhole lithological descriptions
Down-hole Geochemistry	DG1	Downhole geochemistry data or surface data where variable elevation (z component) is included, such as vertical channel sampling in a mine pit
Geochemistry QA/QC	QG1	Quality Assurance/Quality Control file for capturing laboratory and field duplicates, standards and blanks

The templates specify the header information that should be attached to tabular data submitted in ASCII format. Examples of these templates are given on the following pages.

The header templates are available as an MS Excel worksheet. This worksheet is available for download from the department's website at:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/mineral>

Example of surface location (SL1)

Code	File name				Example of data			
H0001	Exploration licence data header file							
H0002	Version				1			
H0003	Date_Generated				{today}			
H0004	Reporting period end_date				{date}			
H0005	State				NSW			
H0100	Tenement_no				EL4242			
H0101	Tenement_holder				Cosmos Exploration NL			
H0102	Project_name				Mount Hope Project/2000 Drilling Program			
H0106	Tenement_Operator				Pasmaenco Exploration			
H0150	Map_sheet_number 250000				SJ54-12			
H0151	Map_sheet_number 100000				7421			
H0151	Map_sheet_number 100000				7422			
H0151	Map_sheet_number 100000				7423			
H0153	Map_sheet_number 25000				7421 1 S			
H0153	Map_sheet_number 25000				7422 2 N			
H0153	Map_sheet_number 25000				7423 3 S			
H0200	Start_date_of_data_acquisition				23/09/2000			
H0201	End_date_of_data_acquisition				29/09/2000			
H0202	Template_format				SL1			
H0203	Number_of_data_records				2			
H0204	Date_of_metadata_update				01/10/2000			
H0300	Related_data_filenames							
H0301	Location_data_file				EL4242_200009_12_location.dat			
H0302	Downhole_lithology_data_file							
H0303	Downhole_geochem_data_file				EL4242_200009_13_assay.dat			
H0400	Drill_code				DD			
H0401	Drill_contractor				Drill Faster Pty Ltd			
H0402	Description				'HQ, NQ Diamond drilling'			
H0500	Feature_located				Hole collar			
H0501	Geodetic datum				GDA94			
H0502	Vertical datum				AHD			
H0503	Projection				UTM			
H0508	Local_grid_name				Neutron Grid			
H0530	Coordinate system				MGA			
H0531	Projection zone				54			
H0532	Surveying_instrument				DGPS			
H0533	Surveying_company				Super Surveying Pty Ltd			
H1000	Hole_ID	Xcoordinate	Ycoordinate	Zcoordinate	Maxdepth	Collar_azimuth	Collar_inclination	Drill_code
H1001		metres	metres	metres	metres	degrees	degrees	
H1004		10	10	20	0.01	1	1	
D	TRC001	512920	6626810	240	120.5	130	-90	DD
D	TRC002	513000	6626260	250	256.3	152	-75	RC

Example of surface geochemistry (SG1)

Code	File name		Example of data						
H0001	Exploration licence data header file								
H0002	Version		3						
H0003	Date generated		31/5/99						
H0004	Reporting period end date		{date}						
H0005	State		NSW						
H0100	Tenement no		EL4242						
H0101	Tenement holder		Cosmos Exploration NL						
H0102	Project name		Mount Hope Project/2000 Drilling Program						
H0106	Tenement operator		Small Time Mining NL						
H0150	Map sheet number 250000		SJ54-12						
H0151	Map sheet number 100000		7421						
H0151	Map sheet number 100000		7422						
H0151	Map sheet number 100000		7423						
H0153	Map sheet number 25000		7421 1 S						
H0153	Map sheet number 25000		7422 2 N						
H0153	Map sheet number 25000		7423 3 S						
H0200	Start date of data acquisition		23/09/2000						
H0201	End date of data acquisition		29/09/2000						
H0202	Template format		SG1						
H0203	Number of data records		2						
H0204	Date of metadata update		01/10/2000						
H0300	Related data filenames								
H0305	Surface geochem comp data file		EL4242_200009_11_location.dat						
H0307	Lithology code file		EL4242_200009_12_assay.dat						
H0500	Feature located		surface location						
H0501	Geodetic datum		GDA94						
H0502	Vertical datum		AHD						
H0503	Projection		UTM						
H0508	Local grid name		Neutron Grid						
H0530	Coordinate system		MGA						
H0531	Projection zone		52						
H0532	Surveying instrument		dGPS						
H0533	Surveying company		Super Surveying Pty Ltd						
H0600	Sample code	RO	SS						
H0601	Sample type	Rock Outcrop / float	Stream sediment						
H0602	Description	2kg grab samples	Screened -80# samples split to 250g						
H0700	Sample preparation code		S031						
H0701	Sample preparation details		Pulverise to 50um						
H0800	Assay code	Assay description	Assay company						
H0801	FA50	Fire assay	Phlogiston Laboratories						
H0802	IC587	Induction Coupled Plasma	Phlogiston Laboratories						
H1000	Sample ID	Sample code	Lithology	Xcoordinate	Ycoordinate	Zcoordinate	Au	Fe	Ca
H1001				metres	metres	metres	ppm	%	ppm
H1002							FA50	IC587	IC587
H1003							0.01	0.5	10
H1004				10	10	20	0.01	0.01	5
H1005							100	10	50000
H1006							P		
H1007							PLP	AAL	PLP
D	345	SS		512650	6250650	15.1	2.31	9.5	589
D	1256	RO	LMST	518586	6598650	10	5.6	2.7	487

Example of geochemistry without locations* (SG2)

H0001	Exploration licence data header file			
H0002	Version			
H0003	Date_generated			
H0004	Reporting period end_date			
H0005	State			
H0100	Tenement_no			
H0101	Tenement_holder			
H0102	Project_name			
H0106	Tenement_operator			
H0200	Start_date_of_data_acquisition			
H0201	End_date_of_data_acquisition			
H0202	Template_format			
H0203	Number_of_data_records			
H0204	Date_of_metadata_update			
H0300	Related_data_filenames			
H0301	Location_data_file			
H0306	Surface_geochem_abbr_data_file			
H0600	Sample_code	RO	SS	
H0601	Sample_type	Rock Chip	Stream Sediment	
H0602	Description	2kg grab samples	Screened -80# samples split to 250g	
H0700	Sample_preparation_code			
H0701	Sample_preparation_details			
H0800	Assay_code	Assay_description	Assay_company	
H0801	FA50	Fire assay	Phlogiston Laboratories	
H0802	IC587	Induction Coupled Plasma	Phlogiston Laboratories	
H0900	Remarks			
H1000	Sample_ID	Sample_code	Lithology	Au
H1001				ppm
H1002				FA50
H1003				0.01
H1004				0.01
H1005				100
H1006				P
H1007				PLP
D	345	RO	GBRO	2.31

*If locations are not provided in this file, they must be included in a separate Sample Location file.

Example of drilling results (DS1)

H0001	Exploration licence data header file			
H0002	Version			
H0003	Date_generated			
H0004	Reporting period end_date			
H0005	State			
H0100	Tenement_no			
H0101	Tenement_holder			
H0102	Project_name			
H0106	Tenement_operator			
H0200	Start_date_of_data_acquisition			
H0201	End_date_of_data_acquisition			
H0202	Template_format			
H0203	Number_of_data_records			
H0204	Date_of_metadata_update			
H0300	Related_dat_filenames			
H0301	Location_data_file			
H0304	Downhole_survey_data_file			
H0532	Surveying_instrument			
H0533	Surveying_company			
H1000	Hole ID	Depth	Inclination	Azimuth
H1001		metres	degrees	degrees_M
H1004		0.1	0.5	0.02
D	TRC001	20	75.1	180
D	TRC001	30	75.3	180

Example of lithological logging (DL1)

H0001	Exploration licence data header file					
H0002	Version	1				
H0003	Date_generated	{today}				
H0004	Reporting period end_date	{date}				
H0005	State	NSW				
H0100	Tenement_no	EL4242				
H0101	Tenement_holder	Cosmos Exploration NL				
H0102	Project_name	Mount Hope Project/2000 Drilling Program				
H0106	Tenement_operator	Small Time Mining NL				
H0200	Start_date_of_data_acquisition	23/09/2000				
H0201	End_date_of_data_acquisition	29/09/2000				
H0202	Template_format	DL1				
H0203	Number_of_data_records	2				
H0204	Date_of_metadata_update	01/10/2000				
H0300	Related_data_filenames					
H0301	Location_data_file	EL4242_200009_11_location.dat				
H0302	Downhole_lithology_data_file	EL4242_200009_12_downhole.dat				
H0307	Lithology_code_file	EL4242_200009_13_lithology.dat				
H0400	Drill_code	RAB				
H0402	Description	Rotary Air Blast				
H1000	Hole ID	From	To	Recovery	Lithology	Drill_code
H1001		Metres	metres	%		
H1004		0.1	0.1	0.01		
D	TDH001	0	10	20	Czl	DD
D	TDH001	10	65	98	Ab	DD
D	TRB001	0	15		Czl	RAB
D	TRB001	15	40		Aum	RAB

Example of down-hole geochemistry (DG1)

H0001	Exploration licence data header file						
H0002	Version	1					
H0003	Date_generated	{today}					
H0004	Reporting period end_date	{date}					
H0005	State	NSW					
H0100	Tenement_no	EL4242					
H0101	Tenement_holder	Cosmos Exploration NL					
H0102	Project_name	Mount Hope Project/2000 Drilling Program					
H0106	Tenement_operator	Small Time Mining NL					
H0200	Start_date_of_data_acquisition	23/09/2000					
H0201	End_date_of_data_acquisition	29/09/2000					
H0202	Template_format	DG1					
H0203	Number_of_data_records	2					
H0204	Date_of_metadata_update	01/10/2000					
H0300	Related_dat_filenames						
H0301	Location_data_file	EL4242_200009_11_location.dat					
H0303	Downhole_geochem_data_file	EL4242_200009_12_assay.dat					
H0600	Sample_code	DC	CT				
H0601	Sample_type	Drill core	Drill cuttings				
H0602	Description	Quarter core	Half splits of cuttings				
H0700	Sample_preparation_code	S031					
H0701	Sample_preparation_details	Pulverise to 50um					
H0702	Job Number	ADL12345					
H0800	Assay_code	Assay_description	Assay_company				
H0801	FA50	Fire assay	Phlogiston Laboratories				
H0802	IC587	Induction Coupled Plasma	Phlogiston Laboratories				
H0900	Remarks: Depths measured from Hole collar elevation						
H1000	Hole ID	Sample ID	From	To	Au	Fe	Drill_code
H1001			metres	metres	ppm	%	
H1002					FA50	IC587	
H1003					0.01	0.5	
H1004					0.01	0.01	
H1005					10000	25	
H1006					P		
H1007					ALP	ALP	
D	TRC001	345	20	20.5	2.31	9.5	DC
D	TRC001	346	20.5	30	2.31	9.5	CT

Example of QA/QC file for geochemistry (QG1)

H0002	Version	4											
H0003	Date generated	19-Jan-05											
H0004	Reporting period end date	28-Feb-04											
H0005	State	WA											
H0100	Tenement_no/Combined_rept_no	E70/314											
H0101	Tenement_holder	Big Time Mining L td											
H0102	Project_name	Kryptonite											
H0106	Tenement_operator	Small Time Mining NL											
H0150	250K_Map_Sheet_No	SH51-9											
H0151	100K_Map_Sheet_No	30363136											
H0152	50K_Map_Sheet_No												
H0153	25K_Map_Sheet_No												
H0200	Start_date_of_data_acquisition	01-Mar-03											
H0201	End_date_of_data_acquisition	28-Feb-04											
H0202	Data_format	QG1											
H0203	Number_of_data_records	6											
H0204	Date_of_metadat_update	19-Jan-05											
H0301	Location_data_file	KP_WASL3_COLL2004A.txt											
H0302	Lithology_data_file	KP_WADL3_GEO2004A.txt											
H0303	Assay_data_file	KP_WADG3_ASS2004A.txt											
H0304	Survey_data_file	KP_WADS3_SUR2004A.txt											
H0307	Lithology_code_file	SmallTimeLithcodes.pdf											
H0310	Water_data_file	KP_WADL3_Water.txt											
H0312	Data_dictionary_file	SmallTime_data_dictionary.pdf											
H0313	Alteration_data_file	KP_WADL3_ALT2004A.txt											
H0314	Magsusc_data_file	KP_WADL3_Magsus.txt											
H0317	Weathering_data_file	KP_WADG3_Weather.txt											
H0400	Drill_code	AC								RC			
H0401	Drill_Contractor	Drillfaster Pty Ltd								Drillwell Pty Ltd			
H0402	Description	Aircore Drilling								Reverse Circulation			
H0600	Sample_code	ACC											
H0601	Sample_type	AC chips											
H0602	Sample_description	1m chip samples											
H0700	Sample_preparation_code	SO301											
H0701	Sample_preparation_details	SO301: Fine pulverise to 75um											
H0702	Job_No	S20058								S20059			
H0800	Assay_Code	AR											
H0801	Assay_company	Phlogiston Laboratories - PH								Brimstone laboratories – BR			
H0802	Assay_Description	Aqua regia digest atomic absorption								Bulk cyanide leach extractable gold			
H0900	Remarks	Na-sample not assayed, below detection limit indicated by a minus sign								QA/QC data included at bottom of file			
H1000	LAB Job No	Sample_ID	QAQC Type	QAQC_description	Original Sample No	Ag ppm	As ppm	Au ppb	Au1 ppb	Au2 ppb	Zn ppm		
H1001						AR	AR	AR	AR	BLEG	AR		
H1002						0.1	5	1	1	1	1		
H1003						0.1	5	1	1	1	1		
H1004													
H1005													
H1006						P	P	P	P	P	P		
H1007						PH	PH	PH	PH	BR	PH		
D	S20058	123456	Ldup			0.1	-5	1	Na	1	25		
D	S20058	123467				0.1	-5	4	Na	3	20		
D	S20058		ST	StandKG1		20	100	10	12	Na	500		
D	S20059	127928	Fdup		127921	0.1	-5	2	Na	Na	200		
D	S20059	127969	Fdup		127940	0.1	-5	1	Na	Na	25		
D	S20059	128162	Fdup		128144	0.1	-5	1	Na	Na	25		
D	S20059	127928	Ldup			0.2	-5	1	Na	Na	210		
D	S20059	128162	Ldup			0.2	-5	2	Na	Na	180		
D	S20059		BL			-0.1	-5	-1	-1	Na	-1		
D	S20059		ST	StandBB1		25	300	10	10	Na	300		
EOF													

2. Data formats for coal (Group 9)

a) Coal borehole summary table

A [Coal Borehole Summary Table](#) must be filled out and accompany the report for all boreholes completed during the reporting period only. If borehole data is being carried over to the next reporting period a Coal Borehole Summary Table must still be submitted and include boreholes drilled in the reporting period.

A Coal Borehole Summary Table must be submitted as a comma-delimited file (csv). This can be generated using the Microsoft Excel Spreadsheet Template. The Coal Borehole Summary Table Template is available from the department's website:

<http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/enforcement/exploration-reporting/coal>

b) Coal borehole data

Any borehole exploration data acquired in the reporting period must be uploaded with the relevant report via EROL.

Data may include the following and be in the specified format:

1. Lithology Dictionary (comma delimited - csv). CoalLog standard dictionary required.
2. Lithology (comma delimited – csv). CoalLog standard encoding required.
3. English Log (PDF)
4. Graphic Log, 1:200 scale (PDF or JPG)
5. Coal Quality Data (comma delimited - csv)
6. Downhole Wireline Logs (LAS files)
7. Downhole Acoustic Scanner Data – interpreted images (PDF or JPG)
8. Core Photographs (JPG or high resolution PDF).

Data for each hole must be submitted in individual ZIP files and must not exceed 32Mb. If ZIP files exceed 32Mb, additional ZIP files for a borehole can be submitted and labelled parts A, B, C etc. Files within each borehole ZIP file must be named accordingly. An example of how data should be formatted and how files should be named are provided in Table 4. Within borehole ZIP files there can be folders, however there must **not** be ZIP files within ZIP files.

c) CoalLog standard

'CoalLog' is the Australian coal logging standard, which aims to standardise the formats, dictionaries, definitions, and transferal conventions of coal borehole data in Australia. The standard was formally delivered to the coal industry in February 2012, with several updated versions subsequently released. Further information, and the latest versions of templates and dictionaries may be found on the AusIMM website:

<https://www.ausimm.com.au/content/default.aspx?ID=451>

The GSNSW has adopted the standard and requires authority holders to provide coal exploration data in the 'CoalLog' format.

Lithology logs must be submitted in comma or tab delimited ASCII text format as either individual data files, or as one single data file which contains a column specifying the borehole name. Borehole names must match those provided in the Coal Borehole Summary Table.

d) Regional geophysical data (seismic, magnetic, gravity)

Geophysical data that is not derived from down-hole surveys should be reported with the relevant annual report and the associated digital data supplied as set out in Part D(1).

Table 4 Coal data format example

Document Description	Format	Contents of Zip	File type
EL1111 Annual Report October 2016	PDF	N/A	N/A
EL1111 Coal Borehole Summary Table October 2016	CSV	N/A	N/A
Maitland DDH1 Data A	ZIP	Maitland DDH1 Lithology	(csv)
		Maitland DDH1 Graphic log 1:200	(pdf or jpg)
		Maitland DDH1 English log	(pdf)
		Maitland DDH1 Coal quality	(csv)
		Maitland DDH1 Geophysics - Density	(LAS)
		Maitland DDH1 Geophysics - Neutron	(LAS)
		Maitland DDH1 Acoustic Scanner	(pdf or jpg)
		Maitland DDH1 Core photo 1	(jpg)
Maitland DDH1 Data B	ZIP	Maitland DDH1 Core photo 2	(jpg)
		Maitland DDH1 Core photo 3	(jpg)
		Maitland DDH1 Core photo 4	(jpg)
		Maitland DDH1 Core photo 5	(jpg)
		Maitland DDH1 Core photo 6	(jpg)
		Maitland DDH1 Core photo 7	(jpg)
Maitland DDH2 Data	ZIP	Maitland DDH1 Core photo 8	(jpg)
		Maitland DDH2 Lithology	(csv)
		Maitland DDH2 Graphic log 1:200	(pdf or jpg)
		Maitland DDH2 English log	(pdf)
		Maitland DDH2 Coal quality	(csv)
		Maitland DDH2 Geophysics - Density	(LAS)

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		Maitland DDH2 Geophysics - Neutron	(LAS)
		Maitland DDH2 Geophysics - Gamma	(LAS)
		Maitland DDH2 Acoustic Scanner	(pdf or jpg)
		Maitland DDH2 Core photo 1	(jpg)
		Maitland DDH2 Core photo 2	(jpg)
EL1111 Maitland JORC Resource and Reserve Statement October 2016	PDF	N/A	N/A

Part F: Reports for small-scale titles

a) Opal prospecting licences

Opal prospecting licences are granted for a period of either 28 days or 3 months over designated opal prospecting blocks at Lightning Ridge and White Cliffs. The licences are granted for the purpose of prospecting for opal by drilling and shaft sinking.

A report covering all prospecting done must be submitted at the end of the term of the licence.

A form has been prepared to aid in the preparation of these reports. An example of this form is contained in Part D of this Guide and additional copies are available from the Department.

One side of the form consists of blank columns for graphic logs of the results of all drilling or shaft sinking. The logs should show the depth to, and thickness of, each different rock type. All intersections of opal, whether precious or potch, should also be noted on the logs. The reverse side of the form has instructions on the preparation of a location map to be provided with the logs.

Opal prospecting licence reports are not required in digital form.

b) Explanatory notes for opal prospecting licence drillhole logs

General

The conditions of an opal prospecting licence require the holder to submit a satisfactory report on all prospecting conducted on the licence. The prospecting report should include the following.

- completed drillhole log sheet or sheets for all holes drilled (see details below).
- a plan or plans showing the location of all holes drilled or shafts sunk (see details below).

Once lodged, copies of these reports are placed on open file and are available for members of the public to view at the Lightning Ridge office or in DIGS on our website at <http://www.resourcesandenergy.nsw.gov.au/miners-and-explorers/geoscience-information/services/online-services/digs>. This system was developed in response to requests from miners who expressed concern at the waste and duplication involved in drilling areas that had already been drilled by previous operators.

Drillhole logs

The results of all drilling must be recorded on one or more copies of the drillhole log sheet (see the front side of this sheet). Make sure that the number of the opal prospecting licence (OPL) and the number of the opal prospecting block (OPB) are recorded along with the drilling and geological information as indicated on the form. The logs should show the depth to, and thickness of, each different rock type. All intersections of opal, whether precious or potch, should also be noted on the logs.

Blank drillhole log sheets are available at the department's Lightning Ridge office.

Plans

A suitable plan or plans showing the location of all drillholes must accompany completed drillhole log sheets. If more than one driller has operated on a licence, it is suggested that each driller submit a single plan to cover all holes drilled by that person.

The following details must be included on the plans submitted with the drillhole log sheets.

- arrow indicating the direction of north (specify whether magnetic north (MN) or true north (TN) is used)
- boundary of opal prospecting block
- main roads/tracks, fences, tanks, bores, opal fields, survey marks, 140 m contour (boundary between red and black soil)
- location and number of each hole (or group of holes) shown in relation to tracks, opal fields, etc. Where holes are drilled away from readily identifiable features then a general bearing and distance from those features should be indicated on the map for example, 500 m south west of bore.

Submission of reports

Prospecting reports should be lodged with the Mining Registrar at the relevant district office of the department.

RELEASE OF BOND CHECKLIST	
The bond held on an opal prospecting licence will not be released until a satisfactory prospecting report is lodged and the area has been satisfactorily rehabilitated.	
Prospecting report that includes the following.	Tick
Drillhole log sheet(s) for all holes drilled	<input type="checkbox"/>
Map(s) showing all holes drilled	<input type="checkbox"/>
Completed request for release of the bond.	<input type="checkbox"/>

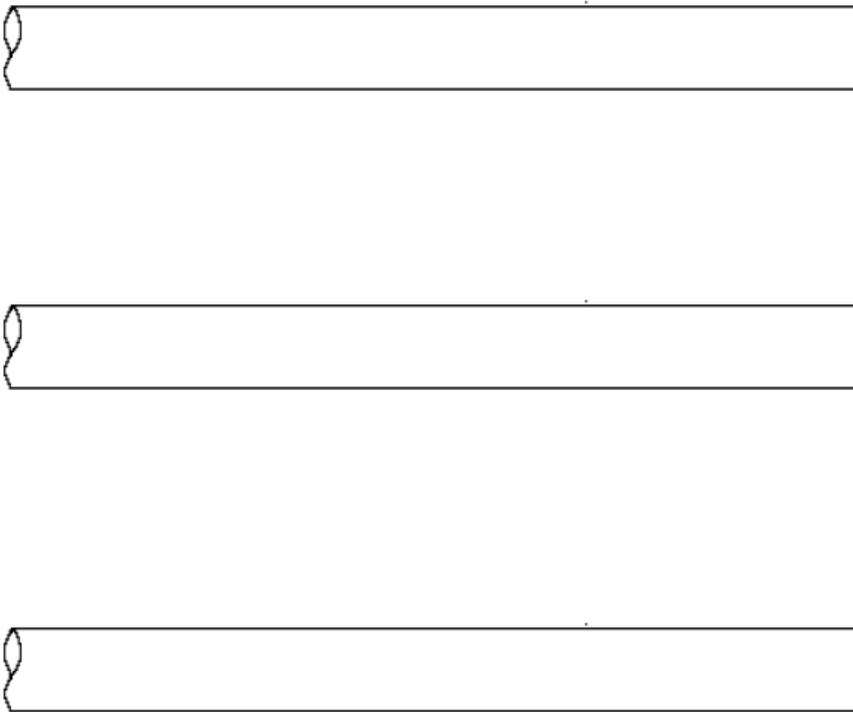
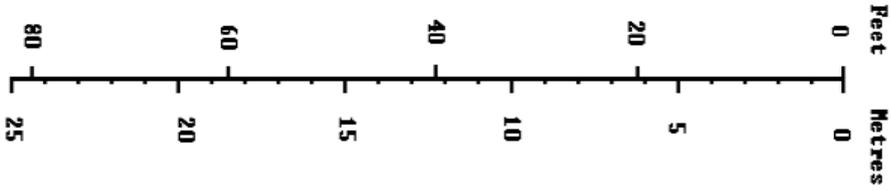
OPAL PROSPECTING LICENCE -- DRILLHOLE LOGS

Hole No.: _____
 Patch: Yes/No
 Colour: Yes/No
 Comment: _____

Hole No.: _____
 Patch: Yes/No
 Colour: Yes/No
 Comment: _____

Hole No.: _____
 Patch: Yes/No
 Colour: Yes/No
 Comment: _____
 Drill operator: _____

OPB: _____ OPL: _____
 Month & year drilled: _____
 Licence holder: _____
 Hole diameter: _____



REFERENCE

-  Topsoil/Gravel
-  Silcrete
-  Shim cracker
-  Sandstone
-  Claystone or dry level
-  Opal clay or level
-  Mud clay

Primary Industries Notices

FISHERIES MANAGEMENT (RECREATIONAL FISHING NSW ADVISORY COUNCIL) (DETERMINATION OF REGIONS) NOTICE 2016

under the

FISHERIES MANAGEMENT (GENERAL) REGULATION 2010

I, Niall Blair, MLC, Minister for Primary Industries, in pursuance of clause 288 (2) of the *Fisheries Management (General) Regulation 2010* make the following Notice.

Dated this 22nd day of February 2016.

NIALL BLAIR, MLC
Minister for Primary Industries

Explanatory note

This Notice is made under clause 288 (2) of the *Fisheries Management (General) Regulation 2010*. The object of this Notice is to determine eight representative regions for the purpose of membership of the Recreational Fishing NSW Advisory Council.

FISHERIES MANAGEMENT (RECREATIONAL FISHING NSW ADVISORY COUNCIL) (DETERMINATION OF REGIONS) NOTICE 2016

under the

FISHERIES MANAGEMENT (GENERAL) REGULATION 2010

1 Name of Notice

This Notice is the *Fisheries Management (Recreational Fishing NSW Advisory Council) (Determination of Regions) Notice 2016*.

2 Commencement

This Notice commences on the date it is published in the *NSW Government Gazette*.

3 Interpretation

In this Notice:

the Regulation means the *Fisheries Management (General) Regulation 2010*.

Western Division has the same meaning as in the *Crown Lands Act 1989*.

4 Determination of regions

(1) Pursuant to clause 288 (2) of the Regulation, eight regions are determined in accordance with the Table to this clause for the purposes of clause 288 (1) (a) of the Regulation.

(2) The map in the Schedule to this Notice is for information purposes and does not limit the description of the regions in Column 3 of the Table to this clause.

Table Regions for representative membership of the Recreational Fishing NSW Advisory Council

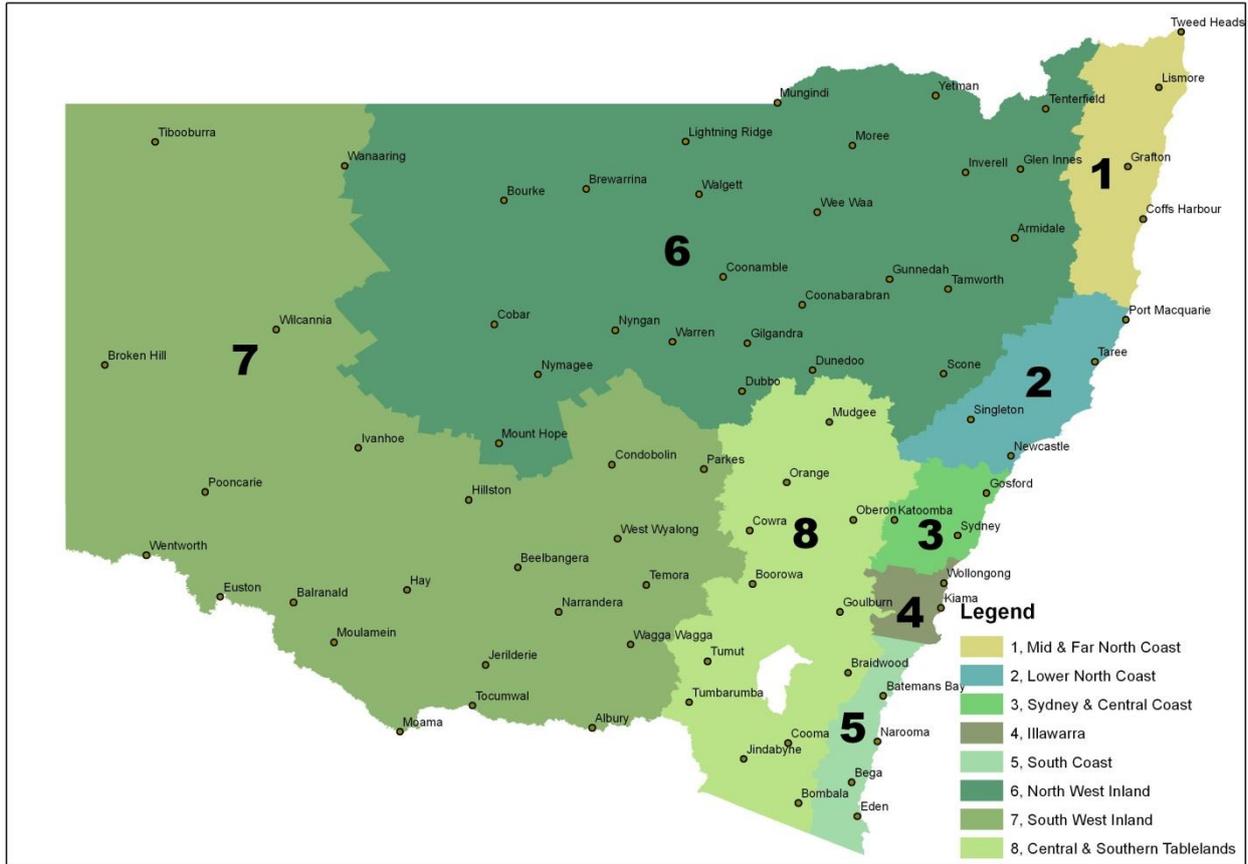
Column 1 Number of Region	Column 2 Name of Region	Column 3 Description of Region
1	Mid and Far North Coast	Consisting of the local government areas administered by the following councils: Tweed Shire Council, Kyogle Council, Byron Shire Council, Lismore City Council, Ballina Shire Council, Richmond Valley Council, Clarence Valley Council, Coffs Harbour City Council and Bellingen Shire Council.
2	Lower North Coast	Consisting of the local government areas administered by the following councils: Nambucca Shire Council, Kempsey Shire Council, Port Macquarie – Hastings Council, Greater Taree City Council, Gloucester Shire Council, Great Lakes Council, Dungog Shire Council, Singleton Council, Maitland City Council, Port Stephens Council, Newcastle City Council, Cessnock City Council and Lake Macquarie City Council.

3	Sydney and Central Coast	Consisting of the local government areas administered by the following councils: Wyong Shire Council, Gosford City Council, Hawkesbury City Council, Blue Mountains City Council, Ashfield Council, Auburn City Council, Bankstown City Council, Blacktown City Council, The Council of the City of Botany Bay, Burwood Council, Camden Council, Campbelltown City Council, City of Canada Bay Council, Canterbury City Council, Fairfield City Council, The Hills Shire Council, Holroyd City Council, The Council of the Shire of Hornsby, The Council of the Municipality of Hunters Hill, Hurstville City Council, Kogarah City Council, Ku-ring-gai Council, Lane Cove Municipal Council, Leichhardt Municipal Council, Liverpool City Council, Manly Council, Marrickville Council, Mosman Municipal Council, North Sydney Council, Parramatta City Council, Penrith City Council, Pittwater Council, Randwick City Council, Rockdale City Council, Council of the City of Ryde, Strathfield Municipal Council, Sutherland Shire Council, Council of the City of Sydney, Warringah Council, Waverley Council, Willoughby City Council, Woollahra Municipal Council and Wollondilly Shire Council.
4	Illawarra	Consisting of: (a) the northern part of the local government area administered by the Shoalhaven City Council, being the area north of a line drawn from the entrance of Swan Lake west to the junction of the local government areas administered by the Goulburn Mulwaree Council, the Palerang Council and the Shoalhaven City Council; and (b) the local government areas administered by the following councils: Wollongong City Council, Wingecarribee Shire Council, Shellharbour City Council and The Council of the Municipality of Kiama.
5	South Coast	Consisting of: (a) the southern part of the local government area administered by the Shoalhaven City Council, being the area south of a line drawn from the entrance of Swan Lake west to the junction of the local government areas administered by the Goulburn Mulwaree Council, the Palerang Council and the Shoalhaven City Council; and (b) the local government areas administered by the following councils: Eurobodalla Shire Council and Bega Valley Shire Council.
6	North West Inland	Consisting of the local government areas administered by the following councils: Tenterfield Shire Council, Glen Innes Severn Council, Guyra Shire Council, Armidale Dumaresq Council, Walcha Council, Upper Hunter Shire Council, Muswellbrook Shire Council, Liverpool Plains Shire Council, Tamworth Regional Council, Uralla Shire Council, Inverell Shire Council, Gwydir Shire Council, Narrabri Shire Council, Gunnedah Shire Council, Warrumbungle Shire Council, Dubbo City Council, Gilgandra Shire Council, Coonamble Shire Council, Walgett Shire Council, Moree Plains Shire Council, Brewarrina Shire Council, Bourke Shire Council, Cobar Shire Council, Bogan Shire Council, Warren Shire Council and Narromine Shire Council.
7	South West Inland	Consisting of the unincorporated areas of the Western Division and the local government areas administered by the following councils: Lachlan Shire Council, Parkes Shire Council, Forbes Shire Council, Weddin Shire Council, Young Shire Council, Cootamundra Shire Council, Junee Shire Council, Wagga Wagga City Council, Greater Hume Shire Council, Albury City Council, Lockhart Shire Council, Corowa Shire Council, Urana Shire Council, Berrigan Shire Council, Jerilderie Shire Council, Narrandera Shire Council, Bland Shire Council, Temora Shire Council, Coolamon Shire Council, Carrathool Shire Council, Griffith City Council, Leeton Shire Council, Murrumbidgee Shire Council, Hay Shire Council, Conargo Shire Council, Murray Shire Council, Deniliquin Council, The Council of the Shire of Wakool, Balranald Shire Council, Wentworth Shire Council, Central Darling Shire Council and Broken Hill City Council.

8	Central and Southern Tablelands	Consisting of the local government areas administered by the following councils: Mid-Western Regional Council, Wellington Council, City of Lithgow Council, Bathurst Regional Council, Oberon Council, Goulburn Mulwaree Council, Palerang Council, Cooma-Monaro Shire Council, Bombala Council, Snowy River Shire Council, Tumbarumba Shire Council, Tumut Shire Council, Yass Valley Council, Upper Lachlan Shire Council, Blayney Shire Council, Orange City Council, Cabonne Council, Cowra Shire Council, Boorowa Council, Harden Shire Council, Gundagai Shire Council and Queanbeyan City Council.
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Schedule

Map of regions for representative membership of the Recreational Fishing NSW Advisory Council



Crown Lands Notices

1300 886 235 www.crownland.nsw.gov.au

ARMIDALE OFFICE

ROADS ACT 1993

ORDER

Transfer of a Crown Road to a Council

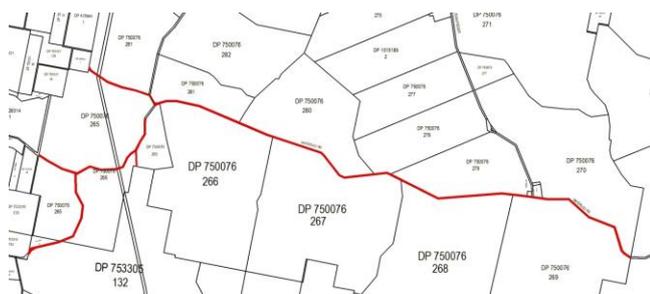
In pursuance of the provisions of section 151, *Roads Act 1993*, the Crown road specified in Schedule 1 is hereby transferred to the Roads Authority specified in Schedule 2 hereunder, and as from the date of publication of this notice, the road specified in schedule 1 ceases to be a Crown road.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule 1

*Parish – Ross; County – Gough
Parish – Buckley ; County – Arrawatta
Land District – Inverell; LGA – Inverell Shire*

Crown road shown coloured in red on diagram hereunder.



Schedule 2

Roads Authority: Inverell Shire Council
Lands Reference: 16/00287
Council Reference: S28.22.1/08

NOTICE OF PURPOSE OTHER THAN THE DECLARED PURPOSE PURSUANT TO SECTION 34A (2) (b) OF THE CROWN LANDS ACT 1989

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule

Column 1

Grazing

Column 2

Reserve No 18452
Public Purpose: Cemetery
Extensions, Plantation
Notified: 26 August 1893
File Reference: 15/02081
Dedication No 1017408
Public Purpose: General
Cemetery
Notified: 20 February 1894
File Reference: 15/02081

GRAFTON OFFICE

NOTIFICATION OF CLOSING OF ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the land comprised therein ceases to be a public road and the rights of passage and access that previously existed in relation to the road are extinguished. On road closing, title to the land comprising the former public road vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Byron; County – Rous
Land District – Lismore; LGA – Byron Shire Council*

Roads Closed: Lot 1 DP 1216160 at Byron Bay,
DPI File Reference: 12/04369

Schedule

On closing, the land within Lot 1 DP 1216160 remains vested in Byron Shire Council as operational land for the purposes of the *Local Government Act 1993*.

Councils reference: ENG6550000/#1245786

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Ryanda, Ben Lomond, Moredun
Counties – Clarke, Gough*

Land District – Inverell; LGA – Glen Innes Severn Shire

Road Closed: Lot 1 DP 1215750

File No: 15/05562

Schedule

On closing, the land within Lot 1 DP 1215750 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Willy, Worra; County – Gresham
Land District – Glen Innes
LGA – Glen Innes Severn Shire*

Road Closed: Lots 1–2 DP 1215929

File No: 15/08047

Schedule

On closing, the land within Lots 1–2 DP 1215929 remains vested in the State of New South Wales as Crown land.

ROADS ACT 1993

ORDER

Correction of Defective Instrument

As per the notification of Notification of Closing of a Road which appeared in *Government Gazette* dated 19 February 2016, Folio 215, part of the description is hereby amended. Under headings of “Description” and “Schedule” the words “Lot 1 DP 1203839”; are deleted and replaced with “Lot 1 DP 1204502”. Ref: 14/06623

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Dinoga; County – Murchison
Land District – Bingara; LGA – Gwydir*

Road Closed: Lot 1 DP 1214658

File No: 15/02496

Schedule

On closing, the land within Lot 1 DP 1214658 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Toothill; County – Fitzroy
Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lots 1–2 DP 1216084

File No: 07/3179

Schedule

On closing, the land within Lots 1–2 DP 1216084 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Stonehenge; County – Gough
Land District – Glen Innes
LGA – Glen Innes Severn Shire*

Road Closed: Lot 2 DP 1207988
File No: 15/00804

Schedule

On closing, the land within Lot 2 DP 1207988 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Mount Mitchell, Worra
Counties – Gough, Gresham
Land District – Glen Innes
LGA – Glen Innes Severn Shire*

Road Closed: Lots 1–2 DP 1215710
File No: 15/08050

Schedule

On closing, the land within Lots 1–2 DP 1215710 remains vested in the State of New South Wales as Crown land.

On closing, the land within Lot 1 DP 1215710 becomes vested in the State of New South Wales as Crown Land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Chapman; County – Hardinge
Land District – Armidale; LGA – Uralla*

Road Closed: Lot 1 DP 1205633
File No: 14/06082

Schedule

On closing, the land within Lot 1 DP 1205633 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Carnham; County – Drake
Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lots 10–11 DP 1214984
File No: 14/07596

Schedule

On closing, the land within Lots 10–11 DP 1214984 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Carnham, Pucka; County – Drake
Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lots 12–13 DP 1214984
File No: 14/07595

Schedule

On closing, the land within Lots 12–13 DP 1214984 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Qwyarigo; County – Clarence
Land District – Grafton; LGA – Clarence Valley*

Road Closed: Lots 3–4 DP 1216502
File No: 15/05161

Schedule

On closing, the land within Lots 3–4 DP 1216502 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Ewingar; County – Drake
Land District – Casino; LGA – Clarence Valley*

Road Closed: Lots 1–2 DP 1213899
File No: 15/05281

Schedule

On closing, the land within Lots 1–2 DP 1213899 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Tiverton; County – Sandon
Land District – Armidale; LGA – Armidale Dumaresq*

Road Closed: Lot 1 DP 1215661
File No: 15/08963

Schedule

On closing, the land within Lot 1 DP 1215661 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Tiverton; County – Sandon
Land District – Armidale; LGA – Armidale Dumaresq*

Road Closed: Lots 2–3 DP 1215662
File No: 15/08968

Schedule

On closing, the land within Lots 2–3 DP 1215662 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Eastlake; County – Denham
Land District – Narrabri; LGA – Walgett*

Road Closed: Lot 21 DP 1212409
File No: ME02H343

Schedule

On closing, the land within Lot 21 DP 1212409 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Russell, Ashby, Chapman; County – Arrawatta
Land District – Warialda; LGA – Inverell*

Road Closed: Lot 1 DP 1214706, Lots 2–3 DP 1214709
File No: 07/2374

Schedule

On closing, the land within Lot 1 DP 1214706, Lots 2–3 DP 1214709 remains vested in the State of New South Wales as Crown land.

MAITLAND OFFICE

ROADS ACT 1993

ORDER

Transfer of a Crown Road to a Council

In pursuance of the provisions of section 151, *Roads Act 1993*, the Crown road specified in Schedule 1 is transferred to the Roads Authority specified in Schedule 2, hereunder, as from the date of publication of this notice and as from that date, the road specified in Schedule 1 ceases to be a Crown road.

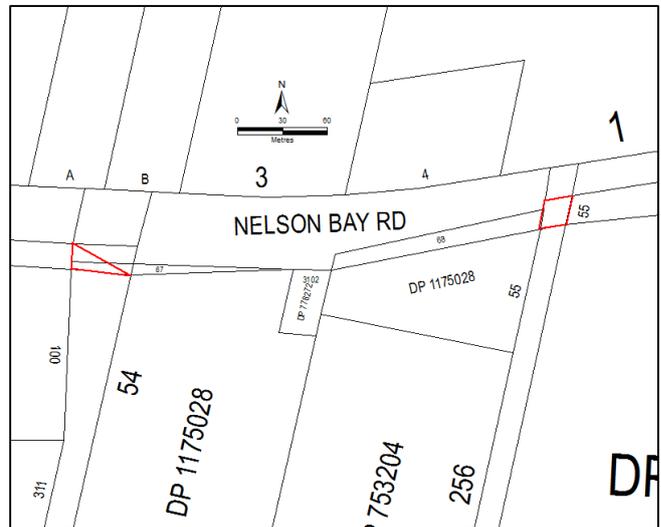
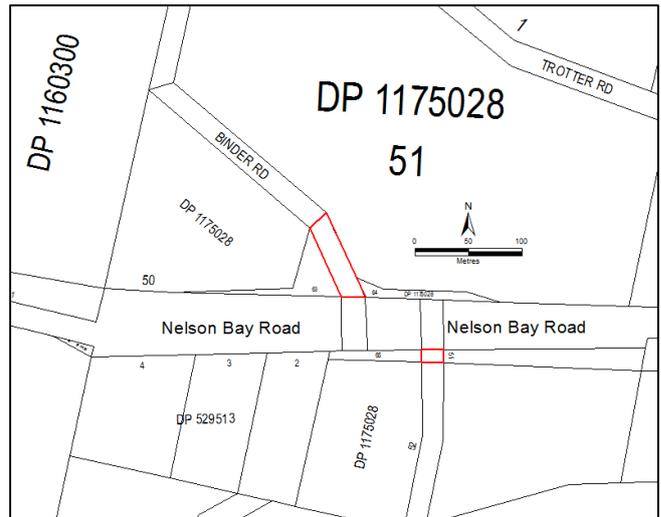
The Hon. NIALL BLAIR, MLC
Minister for Lands and Water

Schedule 1

*Parish – Tomaree
County – Gloucester
Land District – Newcastle
Local Government Area – Port Stephens*

Crown public road extending approx. 88m north from the intersection of Nelson Bay Road and Binder Road, terminating at the north eastern boundary of Lot 63 DP 1175028 and part Crown public road adjoining Lot 65 DP 1175028 and Lot 51 DP 1053988. Part Crown public roads off Nelson Bay Road adjoining Lot 54 DP 1053988 and Lot 67 DP 1175028 and that part adjoining Lot 68 DP 1175028 and Lot 55 DP 1053988 (as highlighted in the diagrams below).

Schedule 2



Roads Authority: Port Stephens Council
Council's Reference: PSC2005-4017
Lands File Reference: 16/00126

**NOTICE OF PURPOSE OTHER THAN THE
DECLARED PURPOSE PURSUANT TO
SECTION 34A (2) (b) OF THE
CROWN LANDS ACT 1989**

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule

Column 1

Filming Event

Column 2

Reserve No 753204
Public Purpose: Future
Public Requirements
Notified: 29 June 2007
File Reference: 16/01279

NEWCASTLE OFFICE

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Boomey; County – Wellington
Land District – Wellington; LGA – Cabonne*

Road Closed: Lot 1 DP 1216328

File No: 10/13486

Schedule

On closing, the land within Lot 1 DP 1216328 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Frederick; County – Cumberland
Land District – Windsor; LGA – Hornsby*

Road Closed: Lot 1 DP 1214344 (subject to easement and right of access created by Deposited Plan 1214344)

File No: 08/10774

Schedule

On closing, the land within Lot 1 DP 1214344 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Cullen Bullen; County – Roxburgh
Land District – Lithgow; LGA – Lithgow*

Road Closed: Lot 1 DP 1207328

File No: CL/00465

Schedule

On closing, the land within Lot 1 DP 1207328 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Torrens; County – Bathurst
Land District – Blayney; LGA – Blayney*

Road Closed: Lot 1 DP 1189453
File No: 08/10418:JT

Schedule

On closing, the land within Lot 1 DP 1189453 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Butterwick; County – Durham
Land District – Maitland; LGA – Port Stephens*

Road Closed: Lots 1–4 DP 1215826 (subject to right of carriage way created by Deposited Plan DP1215826)
File No: 14/00997:JT

Schedule

On closing, the land within Lot 2 DP 1215826 remains vested in the State of New South Wales as Crown land.

On closing, the land within Lots 1, 3 & 4 DP 1215826 becomes vested in the State of New South Wales as Crown Land.

Council’s reference: 14/02520

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Wilgabone; County – Canbelego
Land District – Nyngan; LGA – Bogan*

Road Closed: Lot 1 DP 1216657
File No: 14/05447

Schedule

On closing, the land within Lot 1 DP 1216657 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Moonbi; County – Inglis
Land District – Tamworth; LGA – Tamworth Regional*

Road Closed: Lot 2 DP 1215924
File No: 15/08218

Schedule

On closing, the land within Lot 2 DP 1215924 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Bungalong; County – Monteagle
Land District – Grenfell; LGA – Weddin*

Road Closed: Lot 4 DP 1197284
File No: 12/01266 CM

Schedule

On closing, the land within Lot 4 DP 1197284 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Carolina; County – Kennedy
Land District – Nyngan; LGA – Lachlan*

Road Closed: Lot 2 DP 1214314
File No: 14/02021

Schedule

On closing, the land within Lot 2 DP 1214314 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parishes – Kinilabah, Marrar; County – Bourke
Land District – Wagga Wagga; LGA – Coolamon*

Road Closed: Lot 1 DP 1202648, Lots 2–3 DP 1202988
File No: 13/13719

Schedule

On closing, the land within Lot 1 DP 1202648, Lots 2–3 DP 1202988 remains vested in the State of New South Wales as Crown land.

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Manly Cove; County – Cumberland
Land District – Metropolitan; LGA – Warringah*

Road Closed: Lot 1 DP 1217198
File No: 15/00759

Schedule

On closing, the land within Lot 1 DP 1217198 remains vested in Warringah Council as operational land for the purposes of the *Local Government Act 1993*.

Council Reference: DC00078

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – North Wagga Wagga; County – Clarendon
Land District – Wagga Wagga; LGA – Wagga Wagga*

Road Closed: Lot 1 DP 1215152
File No: 14/07401

Schedule

On closing, the land within Lot 1 DP 1215152 becomes vested in the State of New South Wales as Crown Land.

Council's reference: RC14/03

NOTIFICATION OF CLOSING OF A ROAD

In pursuance of the provisions of the *Roads Act 1993*, the road hereunder described is closed and the lands comprised therein cease to be public road and the rights of passage and access that previously existed in relation to the road is extinguished. Upon closing, title to the land, comprising the former public road, vests in the body specified in the Schedule hereunder.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Description

*Parish – Cargo; County – Ashburnham
Land District – Molong; LGA – Cabonne*

Road Closed: Lots 1–3 DP 1216320
File No: CL/00753

Schedule

On closing, the land within Lots 1–3 DP 1216320 remains vested in the State of New South Wales as Crown land.

NOWRA OFFICE

NOTICE OF PURPOSE OTHER THAN THE DECLARED PURPOSE PURSUANT TO SECTION 34A (2) (b) OF THE CROWN LANDS ACT 1989

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule

Column 1	Column 2
Boating Facility/Activity	Reserve No 750190 Public Purpose: Future Public Requirements Notified: 29 June 2007 File Reference: 15/08034
	Reserve No 56146 Public Purpose: Generally Notified: 11 May 1923 File Reference: 15/08034
	Reserve No 1011268 Public Purpose: Future Public Requirements Notified: 3 February 2006 File Reference: 15/08034

ORANGE OFFICE

ROADS ACT 1993

ORDER

Transfer of Crown Roads to Council

In pursuance of the provisions of section 151, *Roads Act 1993*, the Crown public road specified in Schedule 1 is transferred to the Roads Authority specified in Schedule 2, hereunder, and as from the date of publication of this notice, the road specified in Schedule 1 ceases to be a Crown public road.

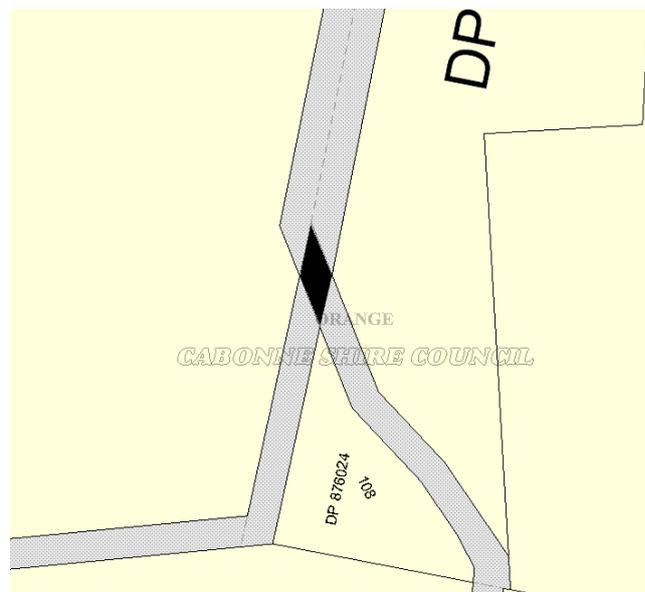
The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule 1

*Parish – Borenore; County – Wellington
Land District – Orange
Local Government Area – Cabonne Council*

The Crown Public road, known as Griffin road as denoted by black shading on the diagram below.

Width to be Transferred: Whole width



Schedule 2

Roads Authority: Cabonne Council
File Ref: 16/01312; W564460

**NOTICE OF PURPOSE OTHER THAN THE
DECLARED PURPOSE PURSUANT TO
SECTION 34A (2) (b) OF THE
CROWN LANDS ACT 1989**

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule	
Column 1	Column 2
Pipeline; Pump Site	Reserve No 79024 Public Purpose: Public Recreation, Access Notified: 2 November 1956 File Reference: 15/09085

Schedule	
Column 1	Column 2
Vegetation Management	Reserve No 85222 Public Purpose: Future Public Requirements Notified: 5 February 1965 File Reference: 16/00462

SYDNEY METROPOLITAN OFFICE

**APPOINTMENT OF RESERVE TRUST AS
TRUSTEE OF A RESERVE**

Pursuant to section 92 (1) of the *Crown Lands Act 1989*, the reserve trust specified in Column 1 of the Schedule hereunder is appointed as trustee of the reserve specified opposite thereto in Column 2 of the Schedule.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule	
Column 1	Column 2
O H Reid Reserve Trust	Reserve No 44128 Public Purpose: Public Recreation Notified: 14 July 1909 File Reference: MN80R128

TAMWORTH OFFICE

ESTABLISHMENT OF RESERVE TRUST

Pursuant to section 92 (1) of the *Crown Lands Act 1989*, the reserve trust specified in Column 1 of the Schedule hereunder is established under the name stated in that Column and is appointed as trustee of the reserve specified opposite thereto in Column 2 of the Schedule.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule	
Column 1	Column 2
Bomera Cemetery Reserve Trust	Reserve No 36127 Public Purpose: Preservation of Graves Notified: 26 September 1903 File Reference: 15/10390

**APPOINTMENT OF CORPORATION TO
MANAGE RESERVE TRUST**

Pursuant to section 95 of the *Crown Lands Act 1989*, the corporation specified in Column 1 of the Schedule hereunder is appointed to manage the affairs of the reserve trust specified opposite thereto in Column 2, which is trustee of the reserve referred to in Column 3 of the Schedule.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule		
Column 1	Column 2	Column 3
Warrumbungle Shire Council	Bomera Cemetery Reserve Trust	Reserve No 36127 Public Purpose: Preservation of Graves Notified: 26 September 1903 File Reference: 15/10390
For a term commencing the date of this notice		

TAREE OFFICE

**NOTICE OF PURPOSE OTHER THAN THE
DECLARED PURPOSE PURSUANT TO
SECTION 34A (2) (b) OF THE
CROWN LANDS ACT 1989**

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule

Column 1	Column 2
Jetty; Pontoon; Walkway; Wharf; Bank Stabilisation Works	Reserve No 47587 Public Purpose: Public Baths Notified: 6 March 1912 File Reference: 10/05580 Reserve No 755539 Public Purpose: Future Public Requirements Notified: 29 June 2007 File Reference: 10/05580

WESTERN REGION OFFICE

ERRATUM

In the notification appearing in the *New South Wales Government Gazette* of 19 February 2016, Folio 225 appearing under the heading Alteration of Purpose/Conditions of A Western Lands Lease, (being Western Lands Lease 2792) condition No 13 should have read;

- (13) The Lessee shall only cultivate (**Irrigate**) an area of 349 hectares on Western Lands Lease 2792 as indicated by the hatched area on the diagram hereunder.

**NOTICE OF PURPOSE OTHER THAN THE
DECLARED PURPOSE PURSUANT TO
SECTION 34A (2) (b) OF THE
CROWN LANDS ACT 1989**

Pursuant to section 34A (2) (b) of the *Crown Lands Act 1989*, the Crown reserve(s) specified in Column 2 of the Schedule is to be used or occupied under a relevant interest granted for the purpose(s) specified in Column 1 of the Schedule where such use or occupation is other than the declared purpose of the reserve.

The Hon NIALL BLAIR, MLC
Minister for Lands and Water

Schedule

Column 1	Column 2
Pump Site; Access	Reserve No 64899 Public Purpose: Addition, Commonage Notified: 9 November 1934 File Reference: 16/00758

Schedule

Column 1	Column 2
Advertising Site	Reserve No 95758 Public Purpose: Village Purposes Notified: 24 December 1981 File Reference: 15/07148 Reserve No 1024168 Public Purpose: Opal Mining and Exploration and Public Access Notified: 4 December 2009 File Reference: 15/07148 Reserve No 1012588 Public Purpose: Access and Public Requirements, Rural Services, Tourism Purposes and Environmental and Heritage Conservation Notified: 10 November 2006 File Reference: 15/07148

Water Notices

DAMS SAFETY ACT 1978

MINING ACT 1992

Order under Section 369 of the Mining Act 1992

Murrurundi Notification Area

The Dams Safety Committee pursuant to section 369 of the *Mining Act 1992* hereby declares that with regard to Murrurundi, being a prescribed dam under *Dams Safety Act 1978*, the land described in the schedule hereto is the notification area of the said dam.

Schedule

The area bounded by straight lines joining the following 4 ordered points on maps MURRURUNDI 90342N 1:25000; the points are specified by Map Grid of Australia 1994 co-ordinates in Zone 56:

Point	MGAEast	MGANorth
1	292400	6484900
2	295400	6484900
3	295400	6481900
4	292400	6481900

Map Grid Australia (MGA) co-ordinates for the above points, as well as plan NA- 273 showing the area, are available from the Dams Safety Committee.

BRIAN COOPER
Chairman
Dams Safety Committee
Locked Bag 5123
Parramatta NSW 2124

Other Government Notices

ANTI-DISCRIMINATION ACT 1977

EXEMPTION ORDER

Under the provisions of section 126 of the *Anti-Discrimination Act 1977* (NSW), an exemption is given from sections 25 and 51 of the *Anti-Discrimination Act 1977* (NSW), to Wagga Wagga City Council, and Riverina Group Training and Employment Ltd, to designate advertise and recruit 5 female traineeships, as follows.

- 4 full time equivalent Waste Management Trainees; and
- 1 full time equivalent Business Administration Trainee.

This exemption will remain in force for a period of 3 years from the date given.

Dated this 16th day of February 2016

ELIZABETH WING

Acting President

Anti-Discrimination Board of NSW

ANTI-DISCRIMINATION ACT 1977

EXEMPTION ORDER

Under section 126 of the *Anti-Discrimination Act 1977*, exemptions are granted from sections 8, 25 and 51 of the *Anti-Discrimination Act 1977* (NSW), to Aurizon Holdings Limited to advertise, recruit and employ Aboriginal and Torres Strait Islander (ATSI) people and females to fill the following roles:

- Train & Yard Operations: Trainee Driver, Level 2 Second Person, Level 4 Mainline Driver, Level 5 Driver Trainers, and Hexham Yard Co-ordinators.
- Trades: Tradesperson Mechanical, Tradesperson Electrical, Tradesperson Boilermaker, and Trade Assistant.
- Terminal Operations: Terminal Supervisor, Terminal Operator, Fleet Allocator, and Heavy Forklift Operator.
- Leadership positions: Service Delivery Supervisor, Service Delivery Manager, and Area Supervisor.

This exemption will remain in force for a period of four years from the date given in this Order.

Aurizon Holdings Limited is to provide a six-monthly report to the Anti-Discrimination Board of New South Wales which sets out the number of ATSI people and females that have been employed since this Order was granted.

Dated this 19th day of February 2016.

ELIZABETH WING

Acting President

Anti-Discrimination Board of NSW

ANTI-DISCRIMINATION ACT 1977

EXEMPTION ORDER

Under the provisions of section 126 of the *Anti-Discrimination Act 1977* (NSW), an exemption is given from sections 8 and 51 of the *Anti-Discrimination Act 1977* (NSW), to Albury City Council, to designate and recruit for the following six (6) positions on its Wagirra Trail Project for Aboriginal and Torres Strait Islanders:

- Leading Hand (1 position)
- Senior Operator (1 position)
- Operator (2 positions)
- Trainee (2 positions)

Albury City Council is to provide an annual compliance report to the Anti-Discrimination Board of New South Wales which sets out the number of its permanent, temporary and casual staff who identify as Aboriginal and Torres Strait Islanders, disaggregated by position type and employment status.

Dated this 19th day of February 2016

ELIZABETH WING

Acting President

Anti-Discrimination Board of NSW

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Orders for the recognised traineeship Vocations of:

- Business Services (Environmental Management and Sustainability)
- Business Services (Library and Information Services)
- Business Services (Marketing and Communication)
- Business Services (Small Business Management)

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Orders specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Orders will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_643.html

Notice is also given that the following recognised traineeship vocations have been **repealed**:

- Business Services (Marketing)
- Business Services (Small Business Management)

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **repealed** Vocational Training Order for the recognised traineeship Vocation of:

- Community Services – Advocacy

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_646.html

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Orders for the recognised traineeship Vocations of:

- Aboriginal and Torres Strait Islander Cultural Arts
- Arts Administration
- Design Fundamentals
- Information and Cultural Services
- Live Production and Technical Services
- Music Industry
- Photography and Photo Imaging
- Visual Arts

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Orders specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Orders will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_644.html

Notice is also given that the following recognised traineeship vocations have been **repealed**:

- Costume for Performance
- Entertainment
- Interactive Digital Media
- Library, Information and Cultural Services
- Make-up
- Media
- Music
- Music – Business
- Music – Technical Production
- Scenery and Set Construction
- Visual Arts Craft and Design – Aboriginal or Torres Strait Islander Cultural Arts
- Visual Arts Craft and Design – Arts Administration
- Visual Arts Craft and Design – Design Fundamentals
- Visual Arts Craft and Design – Photo Imaging
- Visual Arts Craft and Design – Visual Arts

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Order for the recognised traineeship Vocation of:

- Health Services – Population Health

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Order specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Order will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_645.html

Notice is also given that the following recognised traineeship vocation has been **repealed**:

- Health Services – Prosthetic/Orthotic Technology

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Orders for the recognised apprenticeship and traineeship Vocations of:

Apprenticeships

- Telecommunications – Digital Reception Technology
- Telecommunications – Network Build and Operate
- Telecommunications – Technology

Traineeships

- Telecommunications – Engineering Technology
- Telecommunications – Network Build and Operate
- Telecommunications – Technology

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Orders specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Orders will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_642.html

Notice is also given that the following recognised traineeship vocations have been repealed:

- Telecommunications
- Telecommunications – Cabling
- Telecommunications – Digital Reception Technology
- Telecommunications – National Broadband Network Construction

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Orders for the recognised apprenticeship Vocations of:

- Printing and Graphic Arts – Print Manufacturing
- Printing and Graphic Arts – Print Communications

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Orders specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Orders will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_647.html

Notice is also given that the following recognised apprenticeship and traineeship Vocations have been **repealed**:

Apprenticeships

- Printing and Graphic Arts – Graphic Pre-press
- Printing and Graphic Arts – Print Finishing

Traineeships

- Printing and Graphic Arts – Digital Printing (Traineeship)

APPRENTICESHIP AND TRAINEESHIP ACT 2001

Notice is given that the Commissioner for Vocational Training has **established** Vocational Training Orders for the recognised apprenticeship and traineeship Vocations of:

Apprenticeships

- Civil Construction – Bituminous Surfacing
- Civil Construction – Bridge Construction and Maintenance
- Civil Construction – General
- Civil Construction – Pipe Laying
- Civil Construction – Plant Operations
- Civil Construction – Road Construction and Maintenance
- Civil Construction – Timber Bridge Construction and Maintenance
- Civil Construction – Tunnel Construction

Traineeships

- Civil Construction – Operations and Management
- Civil Construction – Road Marking
- Civil Construction – Traffic Management

under section 6 of the *Apprenticeship and Traineeship Act 2001*.

The Orders specifies a number of matters relating to the required training for the vocation including the terms of the traineeship probationary periods and qualifications to be undertaken.

The Orders will take effect from the date of publication in the *NSW Government Gazette*.

Copies of the Order may be inspected at any State Training Services Regional office of the NSW Department of Industry or on the internet at:

https://www.training.nsw.gov/cib_vto/cibs/cib_648.html

Notice is also given that the following recognised apprenticeship and traineeship Vocations have been **repealed**:

Apprenticeships

- Civil Construction – Design
- Civil Construction – Management
- Civil Construction – Operations

Traineeships

- Civil Construction – Plant Operations
- Civil Construction – Supervision

ASSOCIATIONS INCORPORATION ACT 2009

Cancellation of Registration Pursuant to Section 76

Take notice that the registration of the following associations is cancelled by this notice pursuant to section 76 of the *Associations Incorporation Act 2009*.

A.S.P.E.C.T – AUSTRALASIAN SOUTH PACIFIC EDUCATIONAL & COMMERCIAL TRAINING INCORPORATED	INC9894833
BADHII ABORIGINAL GRANDMOTHERS GROUP INCORPORATED	INC9895129
HASTINGS MACLEAY FOOTBALL REFEREES ASSOCIATION INCORPORATED	INC9877000
HEAVENLY PILGRIMS MINISTRY ASSOCIATION INCORPORATED	INC9890509
HIGHLANDS PHYSIE & DANCE INCORPORATED	INC9897064
JANA SAMPARKA SAMITI, AUSTRALIA INCORPORATED	INC9889084
JUNEE JUNIOR CRICKET ASSOCIATION INCORPORATED	INC9877264
KINCUMBER & CENTRAL COAST PAINTING & DECORATING TRAINING SERVICES INCORPORATED	INC9889629
KOREA GOLF ASSOCIATION IN AUSTRALIA INCORPORATED	INC9889251
KOREAN CULTURAL AND EDUCATIONAL CENTRE IN AUSTRALIA INCORPORATED	INC9889464
KURDISH MOVING IMAGES INC	INC9887759
KURDISH VISION INCORPORATED	INC9896408
KU-RING-GAI HIGH SCHOOL STUDENTS ASSOCIATION INCORPORATED	INC9889612

LAKEMBA MUSLIM YOUTH ASSOCIATION INCORPORATED	INC9888258
LATASI GOLF CLUB SYDNEY INCORPORATED	INC9885635
LIFE EXPECTANCY 101 INCORPORATED	INC9888970
LOCKSMITH PROJECT SPACE INC	INC9890172
MANDAEAN SYNOD OF AUSTRALIA INCORPORATED	INC9890898
MUDGE SKATEPARK INCORPORATED	INC9890016
MUHAMMAD RASULALLAH ASSOCIATION INCORPORATED	INC9889560
MYSWIM SWIM CLUB INCORPORATED	INC9889178
NANGAMAY INCORPORATED	INC9889123
SOFT FURNISHINGS INDUSTRY ASSOCIATION OF NEW SOUTH WALES INCORPORATED	Y1030617
SOMANG KOREAN LANGUAGE SCHOOL INCORPORATED	INC9878082
THE ARC GROUP NSW INCORPORATED	INC9893061

Cancellation is effective as at the date of gazettal.

Dated this 26th day of February 2016

CHRISTINE GOWLAND
 Delegate of the Commissioner
 NSW Fair Trading

ASSOCIATIONS INCORPORATION ACT 2009

Cancellation of Registration Pursuant to Section 76

ERRATUM

The notice that appeared in the *New South Wales Government Gazette* No 111 of 11 December 2015, folio 4040, cancelling the registration of THE AUSTRALIAN CHRISTIAN ASSOCIATION OF ASSOUN INCORPORATED, INC9896339, was published in error.

The above association remains an Incorporated Association under the *Associations Incorporation Act 2009*.

This notice corrects that error.

Dated this 17th day of February 2016

CHRISTINE GOWLAND
 Delegate of the Commissioner
 NSW Fair Trading

ASSOCIATIONS INCORPORATION ACT 2009

Cancellation of Registration Pursuant to Section 80

Take notice that ON-FOCUS INCORPORATED Y1253002 became registered under the *Corporations Act 2001* (of the Commonwealth) as ON-FOCUS AUSTRALIA LIMITED –

ACN 610 503 485, a public company limited by guarantee on 2nd Day of February 2016 and accordingly its registration under the *Associations Incorporation Act 2009* is cancelled as of that date.

Dated: 19th February 2016

ROBYNE LUNNEY
 Delegate of the Commissioner
 NSW Fair Trading

COMPANION ANIMALS REGULATION 2008

ORDER

Organisations Approved by the Chief Executive,
 Local Government under Clause 16 (d)

Pursuant to clause 16 (d) of the *Companion Animals Regulation 2008*, the organisation listed in Schedule 1 is hereby approved, subject to the conditions contained in Schedule 2.

Schedule 1

Name of organisation	Address of organisation
Alaskan Malamute Rehoming Aid Australia Inc.	64 The Bulwark Castlecrag NSW 2068

Schedule 2

- The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* only applies to an animal in the custody of an organisation listed in Schedule 1:
 - if the organisation is holding that animal for the sole purpose of re-housing the animal with a new owner; and
 - if the organisation maintains appropriate records that show compliance with the *Companion Animals Act 1998*, *Companion Animals Regulation 2008* and the Guidelines for Approval to be an Organisation Exempt from Companion Animal Registration under clause 16 (d) of the *Companion Animals Regulation 2008*; and
 - if the organisation maintains a register that is made available to the relevant local council and the Office of Local Government as requested. The Register must list the names of all carers involved in the rehoming of animals and the locations of all animals received under the exemption while in the custody of the organisation.
- The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* expires five years from the date of this order, unless revoked or varied at an earlier time.

Date: 22 February 2016

MARK HELY
 Acting Director, Investigations and Performance
 Office of Local Government

COMPANION ANIMALS REGULATION 2008

ORDER

Organisations Approved by the Acting Chief Executive,
Local Government under Clause 16 (d)

Pursuant to clause 16 (d) of the *Companion Animals Regulation 2008*, the organisation listed in Schedule 1 is hereby approved, subject to the conditions contained in Schedule 2.

Schedule 1

Name of organisation	Address of organisation
Australian Working Dog Rescue Inc.	PO Box 4188 Pitt Town NSW 2756

Schedule 2

1. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* only applies to an animal in the custody of an organisation listed in Schedule 1:
 - a) if the organisation is holding that animal for the sole purpose of re-housing the animal with a new owner; and
 - b) if the organisation maintains appropriate records that show compliance with the *Companion Animals Act 1998*, *Companion Animals Regulation 2008* and the Guidelines for Approval to be an Organisation Exempt from Companion Animal Registration under clause 16 (d) of the *Companion Animals Regulation 2008*; and
 - c) if the organisation maintains a register that is made available to the relevant local council and the Office of Local Government as requested. The Register must list the names of all carers involved in the rehoming of animals and the locations of all animals received under the exemption while in the custody of the organisation.
2. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* expires five years from the date of this order, unless revoked or varied at an earlier time.

Date: 16 February 2016

MARK HELY

Acting Director, Investigations and Performance
Office of Local Government

COMPANION ANIMALS REGULATION 2008

ORDER

Organisations Approved by the Chief Executive,
Local Government under Clause 16 (d)

Pursuant to clause 16 (d) of the *Companion Animals Regulation 2008*, the organisation listed in Schedule 1 is hereby approved, subject to the conditions contained in Schedule 2.

Schedule 1

Name of organisation	Address of organisation
Forgotten Souls Dog Rescue	21 Cherub Street Hallett Cove SA 5158

Schedule 2

1. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* only applies to an animal in the custody of an organisation listed in Schedule 1:
 - a) if the organisation is holding that animal for the sole purpose of re-housing the animal with a new owner; and
 - b) if the organisation maintains appropriate records that show compliance with the *Companion Animals Act 1998*, *Companion Animals Regulation 2008* and the Guidelines for Approval to be an Organisation Exempt from Companion Animal Registration under clause 16 (d) of the *Companion Animals Regulation 2008*; and
 - c) if the organisation maintains a register that is made available to the relevant local council and the Office of Local Government as requested. The Register must list the names of all carers involved in the rehoming of animals and the locations of all animals received under the exemption while in the custody of the organisation.
2. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* expires five years from the date of this order, unless revoked or varied at an earlier time.

Date: 22 February 2016

MARK HELY

Acting Director, Investigations and Performance
Office of Local Government

COMPANION ANIMALS REGULATION 2008

ORDER

Organisations Approved by the Chief Executive,
Local Government under Clause 16 (d)

Pursuant to clause 16 (d) of the *Companion Animals Regulation 2008*, the organisation listed in Schedule 1 is hereby approved, subject to the conditions contained in Schedule 2.

Schedule 1

Name of organisation	Address of organisation
German Shepherd Rescue New South Wales	413 Majors Lane Keinbah NSW 2320

Schedule 2

1. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* only applies to an animal in the custody of an organisation listed in Schedule 1:

- a) if the organisation is holding that animal for the sole purpose of re-housing the animal with a new owner; and
 - b) if the organisation maintains appropriate records that show compliance with the *Companion Animals Act 1998*, *Companion Animals Regulation 2008* and the Guidelines for Approval to be an Organisation Exempt from Companion Animal Registration under clause 16 (d) of the *Companion Animals Regulation 2008*; and
 - c) if the organisation maintains a register that is made available to the relevant local council and the Office of Local Government as requested. The Register must list the names of all carers involved in the rehoming of animals and the locations of all animals received under the exemption while in the custody of the organisation.
2. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* expires five years from the date of this order, unless revoked or varied at an earlier time.

Date: 22 February 2016

MARK HELY
Acting Director, Investigations and Performance
Office of Local Government

COMPANION ANIMALS REGULATION 2008
ORDER

Organisations Approved by the Chief Executive,
Local Government under Clause 16 (d)

Pursuant to clause 16 (d) of the *Companion Animals Regulation 2008*, the organisation listed in Schedule 1 is hereby approved, subject to the conditions contained in Schedule 2.

Schedule 1

Name of organisation	Address of organisation
Oberon and Hartley Veterinary and Animal Centre	94 Oberon Street Oberon NSW 2787

Schedule 2

1. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* only applies to an animal in the custody of an organisation listed in Schedule 1:
 - a) if the organisation is holding that animal for the sole purpose of re-housing the animal with a new owner; and
 - b) if the organisation maintains appropriate records that show compliance with the *Companion Animals Act 1998*, *Companion Animals Regulation 2008* and the Guidelines for Approval to be an Organisation Exempt from Companion Animal Registration under clause 16 (d) of the *Companion Animals Regulation 2008*; and
 - c) if the organisation maintains a register that is made available to the relevant local council and the Office

of Local Government as requested. The Register must list the names of all carers involved in the rehoming of animals and the locations of all animals received under the exemption while in the custody of the organisation.

2. The exemption under clause 16 (d) of the *Companion Animals Regulation 2008* from the requirements of section 9 of the *Companion Animals Act 1998* expires five years from the date of this order, unless revoked or varied at an earlier time.

Date: 22 February 2016

MARK HELY
Acting Director, Investigations and Performance
Office of Local Government

CO-OPERATIVES NATIONAL LAW (NSW)

Section 601AA (4) of the Corporations Act 2001 as Applied by Section 453 of the Co-operatives National Law (NSW)

Notice Of Proposed Deregistration – Voluntary

Co-operative Details

Co-operative: Wollongong Masonic Centre & Hall Co-op Society Limited

Co-operative Number: NSWC00283

Notice

The Registrar has received an application to deregister the Co-operative under section 601AA of the *Corporations Act 2001* as applied by section 453 of the *Co-operatives National Law* (NSW).

The Registrar may deregister the Co-operative when two months have passed since publication of this Notice in the NSW Government Gazette.

Dated this 15th day of February 2016 at Bathurst.

CHRISTINE GOWLAND
General Manager, Registry Services
Delegate of the Registrar of Co-operatives

GEOGRAPHICAL NAMES ACT 1966

Notice of Proposal to Amend Locality Boundaries
in the Forbes Local Government Area

Pursuant to the provisions of section 8 of the *Geographical Names Act 1966*, the Geographical Names Board hereby notifies that it proposes to amend the locality boundary between Lake Cowal, Corinella and Wurrinya in the Forbes Local Government Area as shown on map GNB3700-3-A.

Copies of map GNB3700-3-A will be placed on display at the Council Administration Centre at 2 Court Street, Forbes from Thursday 25 February 2016 until Friday 25 March 2016.

A copy of map GNB3700-3-A will also be on display at the office of the Geographical Names Board, Land and Property Information, 346 Panorama Avenue, Bathurst NSW 2795 during the above dates. Details of this proposal may also be viewed and submissions lodged on the Geographical Names Board's web site at www.gnb.nsw.gov.au.

Any person wishing to make comment upon this proposal may, prior to Friday 25 March 2016, write to the Secretary of

the Board with that comment. In accordance with section 9 of the *Geographical Names Act 1966* all submissions lodged may be subject to a freedom of information application and may be viewed by third party to assist the Board in considering this proposal.

D MOONEY
Chairman
Geographical Names Board

**POISONS AND THERAPEUTIC GOODS
REGULATION 2008**

ORDER

Restoration of Drug Authority

In accordance with the provisions of clause 175 (1) of the *Poisons and Therapeutic Goods Regulation 2008* a direction has been issued that the Order that took effect on and from 14 January 2014 for the withdrawal of authority of Mr Steven NGO (PHA0001361029) to supply or have possession of or manufacture any preparation, admixture or extract of a drug of addiction in his profession as a pharmacist as authorised by clause 101 (1) and 102 of the Regulation shall cease to operate from 29 February 2016

Dated at Sydney, 23 February 2016

Dr MARY FOLEY
Secretary
NSW Health

RURAL FIRES ACT 1997

Local Bush Fire Danger Period Temporary Variation

Pursuant to section 82 of the *Rural Fires Act 1997*, as amended, the Commissioner of the NSW Rural Fire Service, following consultation with the local stakeholders, declares the following Local Bush Fire Danger Period Temporary Variation:

Area of Variation:

- Kyogle Council
- Lismore City Council
- Richmond Valley Council

The Local Bush Fire Danger period has been revoked for the period commencing 27 February until 31 March 2016.

During this period permits pursuant to section 87 of the *Rural Fires Act 1997*, as amended, will not be required for the lighting of fire for the purposes of land clearance or fire breaks.

Dated: 19 February 2016

ROB ROGERS AFSM
Deputy Commissioner
Executive Director, Operations
Delegate

**SURVEYING AND SPATIAL INFORMATION ACT
2002**

Registration of Surveyors

Pursuant to the provisions of the *Surveying and Spatial Information Act 2002*, section 10 (1) (a), the undermentioned

persons have been Registered as a Land Surveyor in New South Wales under the *Mutual Recognition Act 1992* from the dates shown.

Name	Address	Effective Date
CARROLL John Patrick	3/32 Billabong Street Stafford QLD 4053	18 January 2016
GERAGHTY Anthony William	PO Box 392 Beenleigh QLD 4207	2 February 2016

D J MOONEY
President

M C SPITERI
Registrar

**SURVEYING AND SPATIAL INFORMATION ACT
2002**

Removal of Name from the Register of Surveyors

Pursuant to the provisions of the *Surveying and Spatial Information Act 2002*, section 10A (1), the undermentioned Land Surveyors have been removed from the Register of Surveyors

Name	Date of Removal	Date of Registration
KENNEDY Brian Robert	10 January 2016	25 March 2014
KILPATRICK Grant Stuart	26 December 2015	25 September 1981

D J MOONEY
President

M C SPITERI
Registrar

**SURVEYING AND SPATIAL INFORMATION ACT
2002**

Registration of Surveyors

Pursuant to the provisions of the *Surveying and Spatial Information Act 2002*, section 10 (1) (a), the undermentioned persons have been Registered as a Mining Surveyor (Open Cut) in New South Wales under the *Mutual Recognition Act 1992* from the dates shown.

Name	Address	Effective Date
KIMM Sarah Anne	PO Box 198 Wallerawang 2845	9 December 2015

D J MOONEY
President

M C SPITERI
Registrar

MOUNT PANORAMA MOTOR RACING ACT 1989

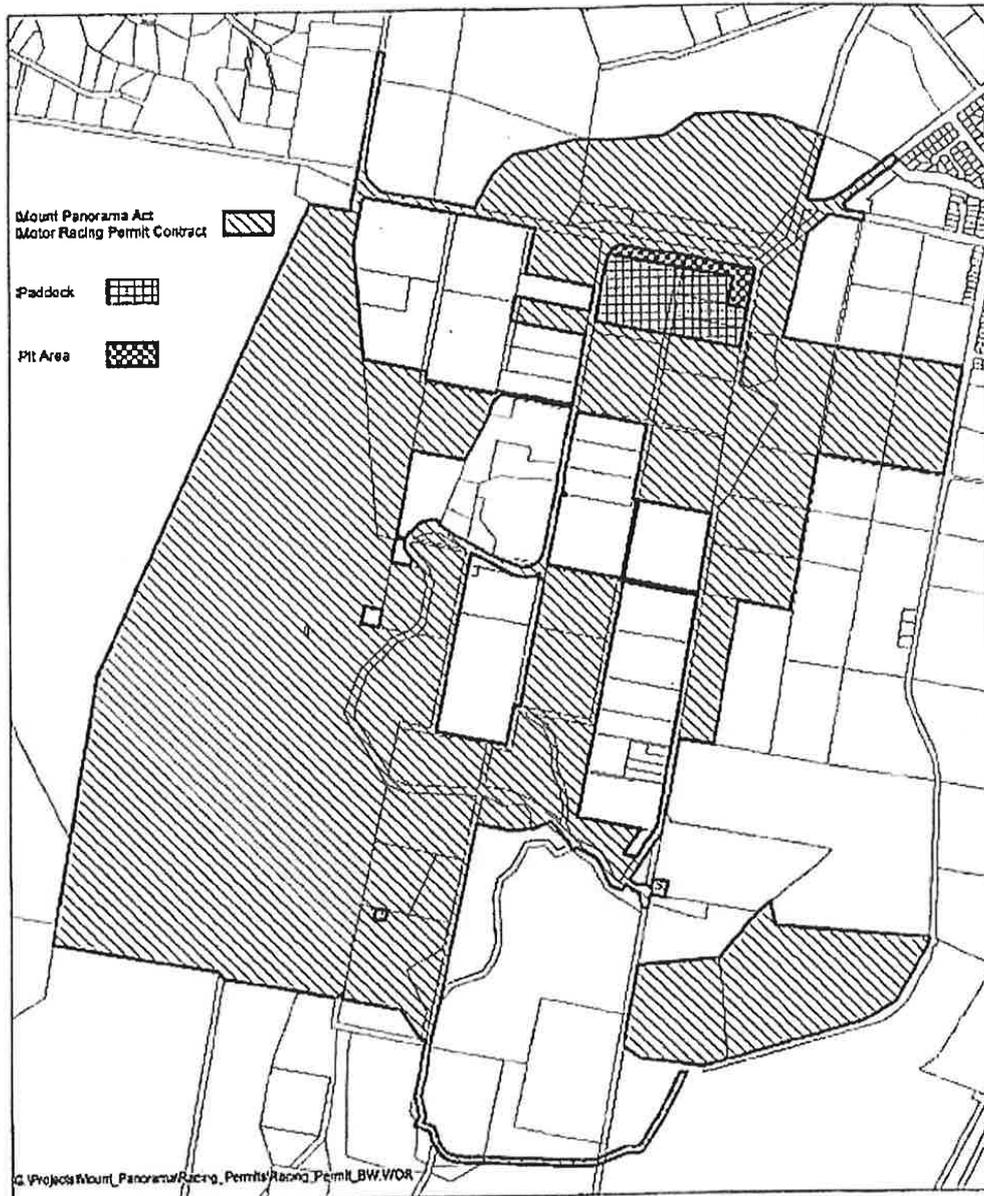
Conduct of Motor Racing and Associated Events

Mount Panorama

In pursuance of the provisions of section 4 of the *Mount Panorama Motor Racing Act 1989*, I declare that the lands, as shown by hatching on the diagram hereunder, shall constitute the Mount Panorama Circuit for the purpose of motor racing, practice and associated events during the period 25 March to 27 March 2016, both dates inclusive.

STUART AYRES, MP
Minister for Trade, Tourism and Major Events
Minister for Sport

BATHURST REGIONAL COUNCIL
Mt Panorama Circuit
Bathurst Motor Festival
25-27 March 2016



Project: Mount_Panorama_Racing_Permit/Racing_Permit_BW/VOR

Bathurst Regional Council expressly disclaims all liability for errors or omissions of any kind whatsoever, or any loss, damage or of consequence which may arise from any person relying on information on this Plan.

Department of Lands

Date: 16/02/12

Note: The colours on this Plan do not indicate zones under the Bathurst Local Environmental Plan 1997.

COUNCIL NOTICES

ALBURY CITY COUNCIL

ROADS ACT 1993

Naming of Roads

Notice is hereby given that Albury City Council, pursuant to section 162 of the *Roads Act 1993*, has officially named the road(s) as shown hereunder:

Name | **Locality**

IVAN COURT

Description

Ivan Court is proposed to run between the previously concurred to Merrick Court and Main Street. The extent of Ivan Court is also shown on the attached Murray Vale Retirement Village diagram.

Name | **Locality**
DURACK COURT | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
CUMMINS STREET | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
AGST STREET | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
MYERS COURT | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
MERRICK COURT | Lavington

Description

Merrick Court runs west off Willis Court

Name | **Locality**
MAY STREET | Lavington

Description

May Street is a road in the Murray Vale Retirement Village. It runs west off Willis Court.

Name | **Locality**
NOLAN COURT | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
STREETON CIRCUIT | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
MARTIN CIRCUIT | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
POLMEAR PATH | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
MAIN STREET | Lavington

Description

see Murray Vale Retirement Village plan

Name | **Locality**
WOODWARD STREET | Lavington

Description

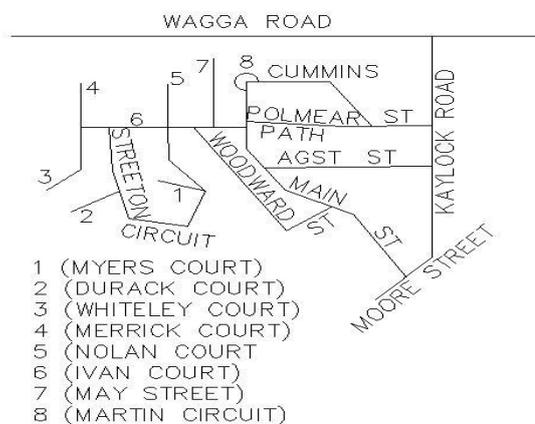
see Murray Vale Retirement Village plan

Name | **Locality**
WHITELEY COURT | Lavington

Description

see Murray Vale Retirement Village plan

The attached diagram shows the extent of the road(s):



FRANK ZAKNICH, General Manager, Albury City Council,
PO Box 323, Albury NSW 2640

GNB Ref: 0037

[8425]

BATHURST REGIONAL COUNCIL

ERRATUM

In the notice referring to the Naming of Public Roads in the Bathurst Regional Local Government Area in *Government Gazette* No 95 of 31 October 2014, Folio 3624, the road name Hutchison Street should have been replaced by the road name Kellahan Street. The correct name for the subject road is Kellahan Street. This notice corrects that error. [8426]

GUNNEDAH SHIRE COUNCIL

ROADS ACT 1993
Section 162

ROADS REGULATION 2008
Part 2, Division 2

New Road Names

Notice is hereby given that Gunnedah Shire Council, in accordance with the above, has gazetted the roads created as part of the subdivision of Lot 5 DP 1179687, 39 Goodwin Road, Gunnedah, NSW. The gazetted roads are named "Parkview Drive" and "Turner Close". Parkview Drive is expected to become a through road and is oriented north/south to the south of existing Baxter Street, Gunnedah. Turner Close is a cul-de-sac road oriented east/ west to the east of newly created Parkview Drive, Gunnedah.

No objections were received during the required 28 day exhibition period.

ERIC GROTH, General Manager, Gunnedah Shire Council,
PO Box 63, Gunnedah NSW 2340. [8428]

LIVERPOOL CITY COUNCIL

ERRATUM

ROADS ACT 1993

Naming of Council Roads

The road originally gazetted in the *NSW Government Gazette* of 2 July 2010 for the suburb of Edmondson Park:

Mustard Road should be spelt as Mustard Court

C WULFF, Chief Executive Officer, Liverpool City Council
Locked bag 7064 Liverpool BC 1871. [8429]

MAITLAND CITY COUNCIL

ERRATUM

In the notice referring to the Naming of Public Roads in the Maitland Local Government Area in *NSW Government Gazette* No 3 of 15 January 2016, Folio 8369, the road layout has been changed. Skylark Loop footprint has changed and is now known as Skylark Avenue. Firetail Street footprint has changed and Monarch Street and Logrunner Street will no longer be used. Refer to amended Road Naming Plan. This notice corrects those changes. [8430]

MAITLAND CITY COUNCIL

ROADS ACT 1993
Section 16

Dedication of Land as Public Road

Notice is hereby given that Maitland City Council, in pursuance of section 16 of the *Roads Act 1993*, the land as described in the Schedule below is hereby dedicated as Public Road.

DAVID EVANS, General Manager, Maitland City Council,
PO Box 220, Maitland NSW 2320.

Schedule

Part of the land known as Christopher Road, Lochinvar described as that road shown on DP 976397 and named Boggs Road that runs easterly from Winders Lane to the eastern boundary of Lot 1422 DP 1204088. [8431]

SHELLHARBOUR CITY COUNCIL

HERITAGE ACT 1977

Interim Heritage Order No 1 of 2016

Under section 25 of the *Heritage Act 1977*, Shellharbour City Council does by this order:

- I. make an interim heritage order to cover the item of the environmental heritage specified or described in Schedule 'A'; and
- II. declare that the Interim Heritage Order shall apply to the curtilage or site of such item, being the land described in Schedule 'B'.

This Interim Heritage Order will lapse six months from the date that it is made unless the local council has passed a resolution before that date either:

- 1) in the case of an item which, in the council's opinion, is of local significance, to place the item on the heritage schedule of a local environmental plan with appropriate provisions for protecting and managing the item; and
- 2) in the case of an item which in the council's opinion, is of State heritage significance, nominate the item for inclusion on the State Heritage Register.

Shellharbour 24 February 2016

CAREY MCINTYRE, General Manager, Shellharbour City Council

Schedule 'A'

The northern boundary of Shellharbour City Local Government Area on the land described in Schedule 'B'.

Schedule 'B'

All of those pieces or parcels of land listed below:

Land Title	House_No	Street	Suburb
LOT: Pt 3 DP: 2534		Marshall Mount Road	CALDERWOOD
LOT: Pt 5 DP: 2534	448	Calderwood Road	CALDERWOOD
LOT: 4 DP: 658267	604	Marshall Mount Road	CALDERWOOD
LOT: Pt 6 DP: 2534	532	Calderwood Road	CALDERWOOD
LOT: 72 DP: 543194	582	Calderwood Road	CALDERWOOD
LOT: Pt 13 DP: 2534	610	Calderwood Road	CALDERWOOD
LOT: 121 DP: 858284	672	Calderwood Road	CALDERWOOD
LOT: 1121 DP: 1067963	682	Calderwood Road	CALDERWOOD
LOT: 2 DP: 568285	719	Calderwood Road	CALDERWOOD
LOT: 46 DP: 751263		Calderwood Road	CALDERWOOD
LOT: 47 DP: 751263		Calderwood Road	CALDERWOOD
LOT: 1 DP: 746581	102	Mellows Road	CALDERWOOD
LOT: 2 DP: 651377	144	Calderwood Road	CALDERWOOD
LOT: Pt 3 DP: 24143	142	Calderwood Road	CALDERWOOD
LOT: Pt 1 DP: 372848		Illawarra Highway	CALDERWOOD
LOT: 121 DP: 998189		Illawarra Highway	CALDERWOOD
LOT: 16 AP: 804242		Illawarra Highway	CALDERWOOD
LOT: 17 AP: 804242	1914	Illawarra Highway	ALBION PARK RAIL
LOT: 302 DP: 849257	48	Shearwater Boulevard	ALBION PARK RAIL

[8432]

By Authority

Government Printer