



Government Gazette

OF THE STATE OF
NEW SOUTH WALES

Number 46

Friday, 16 May 2014

Published under the authority of the Government by the Parliamentary Counsel

OFFICIAL NOTICES

Appointments

APPOINTMENT OF MEMBERS

NSW SELF INSURANCE CORPORATION ADVISORY BOARD

THE Office of Finance and Services today announced the appointment of three new members to the NSW Self Insurance Corporation Advisory Board. The three non-executive members are Mr David PLUMB, Ms Vicki ALLEN and Mr Brian GREIG. They have been appointed to the Board for a three-year term, joining the Director of SICorp, Steve Hunt, and a representative from the Office of Finance and Services.

Dated 13 May 2014.

Roads and Maritime Services

ROADS ACT 1993

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition and Dedication as Public Road of land at Little Hartley and Mount Victoria in the Lithgow City and Blue Mountains City Council areas

Roads and Maritime Services by its delegate declares, with the approval of Her Excellency the Governor, that the land described in Schedule 1 below is acquired by compulsory process under the provisions of the Land Acquisition (Just Terms Compensation) Act 1991 for the purposes of the Roads Act 1993 and further dedicates the land described in Schedules 1 and 2 below as public road under Section 10 of the Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Maritime Services

SCHEDULE 1

ALL those pieces or parcels of Crown land situated in the Lithgow City Council area, Parish of Hartley and County of Cook shown as:

Lot 14 Deposited Plan 1187573, being part of the land in Certificate of Title 7314/1162788;

Lots 15 and 17 Deposited Plan 1187573, being parts of the land in Certificate of Title 7312/1162788; and

Lot 16 Deposited Plan 1187573, being part of the land in Certificate of Title 7311/1162788.

AND ALSO ALL that piece or parcel of land situated in the Blue Mountains City Council area, Parish of Hartley and County of Cook shown as Lot 18 Deposited Plan 1187573, being part of the land in Certificate of Title 7313/1162873.

The land is said to be in the possession of the Crown and Blue Mountains City Council (reserve trust manager).

SCHEDULE 2

ALL that piece or parcel of land situated in the Lithgow City Council area, Parish of Hartley and County of Cook shown as Lot 101 Deposited Plan 1157490, being the whole of the land in Certificate of Title 101/1157490.

(RMS Papers: SF2013/178087; RO 5/258.1375)

ROADS ACT 1993

LAND ACQUISITION (JUST TERMS COMPENSATION) ACT 1991

Notice of Compulsory Acquisition of Land at Schofields in the Blacktown City Council area

Roads and Maritime Services by its delegate declares, with the approval of Her 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 Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Maritime Services

SCHEDULE

ALL those pieces or parcels of land situated in the Blacktown City Council area, Parish of Gidley and County of Cumberland, shown as:

Lot 224 Deposited Plan 1189773, being part of the land in Certificate of Title 62/2912 and said to be in the possession of Enid Muriel Skinner;

Lot 225 Deposited Plan 1189773, being part of the land in Certificate of Title 63/2912 and said to be in the possession of Joseph Cremona and Suzanne Catherine Cremona (registered proprietors) and Suncorp-Metway Limited (mortgagee);

Lot 226 Deposited Plan 1189773, being part of the land in Certificate of Title 64/2912 and said to be in the possession of Darren Charles Gauci and Mary-Anne Gauci (registered proprietors) and Australia and New Zealand Banking Group Limited (mortgagee);

Lots 215 and 230 Deposited Plan 1189773, being the whole of the land in Certificate of Title 82/2912 and said to be in the possession of Joseph Vella;

Lot 20 Deposited Plan 1189148, being part of the land in Certificate of Title 15/39303 and said to be in the possession of Angelika Gallas and Peter Dritsas; and

Lot 121 Deposited Plan 1191633, being part of the land in Certificate of Title 27/28833 and said to be in the possession of George Penza and Luigia Penza;

excluding any existing easements from the compulsory acquisition of the land listed above.

(RMS Papers: SF2013/161929)

ROADS ACT 1993**LAND ACQUISITION (JUST TERMS
COMPENSATION) ACT 1991**

Notice of Compulsory Acquisition of Land at
Claremont Meadows in the Penrith City Council area

Roads and Maritime Services by its delegate declares, with the approval of Her 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 Roads Act 1993.

T D Craig
Manager, Compulsory Acquisition & Road Dedication
Roads and Maritime Services

SCHEDULE

ALL that piece or parcel of land situated in the Penrith City Council area, Parish of Claremont and County of Cumberland, shown as Lot 12 Deposited Plan 1194036, being part of the land in Certificate of Title 2/81099.

The land is said to be in the possession of Penrith City Council.

(RMS Papers: SF2014/15250; RO SF2013/134910)

Department of Trade and Investment, Regional Infrastructure and Services

MINERAL RESOURCES

NOTICE is given that the following applications have been received:

EXPLORATION LICENCE APPLICATIONS

(T14-1701)

No. 159, CEEMAC PTY LTD, area of 12 blocks, for Petroleum, dated 17 February 2014. (Orange Mining Division).

(T14-1702)

No. 160, CEEMAC PTY LTD, area of 127 blocks, for Petroleum, dated 17 February 2014. (Orange Mining Division).

(T14-1075)

No. 5029, ANGLOGOLD ASHANTI AUSTRALIA LIMITED (ACN 008 737 424), area of 18 units, for Group 1, dated 8 May 2014. (Orange Mining Division).

(T14-1076)

No. 5030, NORTH GOLD RESOURCES PTY LTD (ACN 145 991 144), area of 16 units, for Group 6, dated 8 May 2014. (Broken Hill Mining Division).

(T14-1078)

No. 5032, JODAMA PTY LTD (ACN 095 440 547), area of 12 units, for Group 1 and Group 2, dated 12 May 2014. (Orange Mining Division).

(T14-1079)

No. 5033, PEEL MINING LIMITED (ACN 119 343 734), area of 19 units, for Group 1, dated 13 May 2014. (Cobar Mining Division).

MINING LEASE APPLICATIONS

(T14-1703)

No. 13, SANTOS NSW PTY LTD (ACN 094 269 780) and ENERGIAUSTRALIA NARRABRI GAS PTY LTD (ACN 147 609 729), area of about 266.6 square kilometres, to mine for petroleum, dated 1 May 2014. (Armidale Mining Division).

(T14-1704)

No. 14, SANTOS NSW PTY LTD (ACN 094 269 780) and ENERGIAUSTRALIA NARRABRI GAS PTY LTD (ACN 147 609 729), area of about 153.1 square kilometres, to mine for petroleum, dated 1 May 2014. (Armidale Mining Division).

(T14-1705)

No. 15, SANTOS NSW PTY LTD (ACN 094 269 780) and ENERGIAUSTRALIA NARRABRI GAS PTY LTD (ACN 147 609 729), area of about 263.4 square kilometres, to mine for petroleum, dated 1 May 2014. (Armidale Mining Division).

(T14-1706)

No. 16, SANTOS NSW PTY LTD (ACN 094 269 780) and ENERGIAUSTRALIA NARRABRI GAS PTY LTD (ACN 147 609 729), area of about 240.6 square kilometres, to mine for petroleum, dated 1 May 2014. (Armidale Mining Division).

(T14-1506)

No. 475, ULAN COAL MINES LTD (ACN 000 189 248), area of about 280.8 hectares, to mine for coal, dated 1 May 2014. (Orange Mining Division).

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

NOTICE is given that the following applications have been granted:

EXPLORATION LICENCE APPLICATIONS

(T12-1033)

No. 4489, now Exploration Licence No. 8265, GOLD AND COPPER RESOURCES PTY LIMITED (ACN 124 534 863), County of Bathurst, Map Sheet (8630, 8730), area of 42 units, for Group 1, dated 30 April 2014, for a term until 30 April 2016.

(T12-1137)

No. 4590, now Exploration Licence No. 8265, GOLD AND COPPER RESOURCES PTY LIMITED (ACN 124 534 863), County of Bathurst, Map Sheet (8630, 8730), area of 42 units, for Group 1, dated 30 April 2014, for a term until 30 April 2016.

(T13-1107)

No. 4845, now Exploration Licence No. 8265, GOLD AND COPPER RESOURCES PTY LIMITED (ACN 124 534 863), County of Bathurst, Map Sheet (8630, 8730), area of 42 units, for Group 1, dated 30 April 2014, for a term until 30 April 2016.

(T13-1204)

No. 4942, now Exploration Licence No. 8264, EAGLEHAWK GEOLOGICAL CONSULTING PTY LTD (ACN 061 324 454), Counties of Menindee and Yancowinna, Map Sheet (7233), area of 24 units, for Group 1, dated 2 May 2014, for a term until 2 May 2016.

(T13-1207)

No. 4945, now Exploration Licence No. 8260, RIVERSTON TIN PTY LTD (ACN 164 404 988), Counties of Bourke and Cooper, Map Sheet (8229), area of 64 units, for Group 1, dated 29 April 2014, for a term until 29 April 2017. As a result of the grant of this title, Exploration Licence No. 8165 has ceased to have effect.

(T14-1017)

No. 4971, now Exploration Licence No. 8261, ALKANE RESOURCES LTD (ACN 000 689 216), County of Lincoln, Map Sheet (8633), area of 21 units, for Group 1, dated 30 April 2014, for a term until 30 April 2017.

(T14-1022)

No. 4976, now Exploration Licence No. 8263, COMMISSIONERS GOLD LIMITED (ACN 115 845 942), County of Monteagle, Map Sheet (8530), area of 4 units, for Group 1, dated 30 April 2014, for a term until 30 April 2017.

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

NOTICE is given that the following applications have been withdrawn:

EXPLORATION LICENCE APPLICATIONS

(T14-1023)

No. 4977, PASMINEX PTY LTD (ACN 166 811 730), County of Booroondarra and County of Robinson, Map Sheet (7934, 7935). Withdrawal took effect on 8 May 2014.

(T14-1025)

No. 4979, LUE RYLSTONE PTY LTD (ACN 147 439 012), County of Phillip, Map Sheet (8832, 8932). Withdrawal took effect on 5 May 2014.

(T14-1035)

No. 4990, JYN INTERNATIONAL GROUP (ACN 1715 1639 056), County of Farnell, Map Sheet (7135, 7235). Withdrawal took effect on 7 March 2014.

(T14-1074)

No. 5028, Pauline Kaye PERRY, County of St Vincent, Map Sheet (8926). Withdrawal took effect on 8 May 2014.

MINING LEASE APPLICATION

(T11-0275)

Singleton No. 4, CSR BUILDING PRODUCTS LIMITED (ACN 008 631 356), Parish of Alnwick, County of Northumberland, (9232-3-N). Withdrawal took effect on 7 April 2014.

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

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

(T09-0165)

Exploration Licence No. 7546, ABX2 PTY LTD (ACN 139 791 478), area of 6 units. Application for renewal received 8 May 2014.

(T09-0206)

Exploration Licence No. 7549, NEO RESOURCES LIMITED (ACN 007 708 429), area of 23 units. Application for renewal received 9 May 2014.

(T11-0340)

Exploration Licence No. 7937, DEXON RESOURCES NO. 6 PTY LTD (ACN 154 144 877), area of 2 units. Application for renewal received 10 May 2014.

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

RENEWAL OF CERTAIN AUTHORITIES

NOTICE is given that the following authorities have been renewed:

(06-4149)

Exploration Licence No. 6879, GOLDEN CROSS OPERATIONS PTY. LTD. (ACN 050 212 827), Counties of Blaxland and Mouramba, Map Sheet (8133), area of 22 units, for a further term until 14 September 2015. Renewal effective on and from 29 April 2014.

(T08-0069)

Exploration Licence No. 7200, GOLD FIELDS AUSTRALASIA PTY LTD (ACN 087 624 600), Counties of Bligh and Lincoln, Map Sheet (8633), area of 15 units, for a further term until 8 September 2015. Renewal effective on and from 29 April 2014.

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

REQUESTED CANCELLATION OF AN AUTHORITY AT REQUEST OF HOLDER

NOTICE is given that the following authority has been requested for cancellation:

(T10-0023)

Exploration Licence No. 7574, CARPENTARIA EXPLORATION LIMITED (ACN 095 117 981), Counties of Gordon and Narromine, area of 20 units. Request for cancellation was received on 5 May 2014.

The Hon. ANTHONY ROBERTS, M.P.,
Minister for Resources and Energy

WATER MANAGEMENT ACT 2000

ERRATUM

THE notice published in *NSW Government Gazette* No. 45 dated 12 May 2014 at page 1381 contained errors. The errors and the correct wording are as follows:

1. The reference in item (1) of Schedule 1 to the "Water Sharing Plan for the Gwydir Regulated River Water Source 2004" should instead refer to the "Water Sharing Plan for the Gwydir Regulated River Water Source 2002".
2. The reference in item (2) of Schedule 1 to the "Water Sharing Plan for the Lachlan Regulated River Water Source 2004" should instead refer to the "Water Sharing Plan for the Lachlan Regulated River Water Source 2003".

This notice corrects those errors and the gazettal date remains 12 May 2014.

LANDS

ARMIDALE CROWN LANDS OFFICE
108 Faulkner Street (PO Box 199A), Armidale NSW 2350
Phone: (02) 6770 3100 Fax (02) 6771 5348

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

PURSUANT to section 34A(2)(b) of the Crown Lands Act 1989, the Crown reserve with the declared public purpose specified in Column 2 of the Schedule, is to be used or occupied for a purpose other than the declared purpose specified in Column 1 of the Schedule.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>
Grazing (Relevant Interest - S34A Licence - RI 514066).	Reserve No.: 750067. Public Purpose: Future public requirements. Notified: 29 June 2007. File No.: 13/09251.

DUBBO CROWN LANDS OFFICE
45 Wingewarra Street (PO Box 1840), Dubbo NSW 2830
Phone: (02) 6883 3300 Fax: (02) 6884 2067

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

PURSUANT to section 34A(2)(b) of the Crown Lands Act 1989, the Crown reserve with the declared public purpose specified in Column 2 of the Schedules, is to be used or occupied for a purpose other than the declared purpose specified in Column 1 of the Schedules.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

SCHEDULE 1

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - Section 34A Licence - RI 517922).	Reserve No.: 1205. Public Purpose: Public recreation. Notified: 23 March 1881. File No.: 13/11874.

SCHEDULE 2

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - Section 34A Licence - RI 517922).	Reserve No.: 753399. Public Purpose: Future public requirements. Notified: 29 June 2007. File No.: 13/11874.

GOULBURN OFFICE
159 Auburn Street, Goulburn NSW 2580
(PO Box 2215, Dangar NSW 2309)
Phone: (02) 4824 3700 Fax: (02) 4822 4287

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

PURSUANT to section 34A(2)(b) of the Crown Lands Act 1989, the Crown reserve with the declared public purpose specified in Column 2 of the Schedules, is to be used or occupied for a purpose other than the declared purpose specified in Column 1 of the Schedules.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

SCHEDULE 1

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence 516531).	Reserve No.: 9946. Public Purpose: Public recreation, access to water and water. Notified: 19 October 1889. File No.: 13/10907.

SCHEDULE 2

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence 516531).	Reserve No.: 9950. Public Purpose: Public buildings. Notified: 19 October 1889. File No.: 13/10907.

SCHEDULE 3

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence 516531).	Reserve No.: 48143. Public Purpose: Cemetery. Notified: 15 January 1913. File No.: 13/10907.

SCHEDULE 4

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence 516531).	Reserve No.: 93100. Public Purpose: Future public requirements. Notified: 18 July 1980. File No.: 13/10907.

SCHEDULE 5

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence 516531).	Reserve No.: 756826. Public Purpose: Future public requirements. Notified: 29 June 2007. File No.: 13/10907.

GRAFTON OFFICE
49-51 Victoria Street, Grafton NSW 2460
(PO Box 2185, Dangar NSW 2309)
Phone: 1300 886 235 Fax: (02) 6642 5375

ROADS ACT 1993**ORDER**

Correction of Defective Instrument

AS per the notification of Notification of Closing of a Road which appeared in *New South Wales Government Gazette* dated 9 May 2014, Folio 1356, part of the description is hereby amended. Under heading of "Description" the words "Parish Meero and Tellaraga"; are deleted and replaced with "Parish Carbeenbri and Tellaraga".

File No.: ME06 H 288.

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.

KEVIN HUMPHRIES, M.P.,

Minister for Natural Resources, Lands and Water

Description

*Parish – Rusden; County – Murchison;
 Land District – Bingara; L.G.A. – Gwydir*

Road Closed: Lot 2, DP 1179814.

File No.: 09/01041.

Schedule

On closing, the land within Lot 2, DP 1179814 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Qwyarigo; County – Clarence;
 Land District – Grafton; L.G.A. – Clarence Valley*

Road Closed: Lot 4, DP 1193595.

File No.: 10/03569.

Schedule

On closing, the land within Lot 4, DP 1193595 remains vested in the State of New South Wales as Crown land.

On closing, the land within Lot 4, DP 1193595 becomes vested in the State of New South Wales as Crown land.

Description

*Parish – Lismore; County – Rous;
 Land District – Lismore; L.G.A. – Lismore*

Road Closed: Lot 4, DP 1187922.

File No.: 12/04925.

Schedule

On closing, the land within Lot 4, DP 1187922 remains vested in the State of New South Wales as Crown land.

Description

*Parish – North Creek; County – Raleigh;
 Land District – Bellingen; L.G.A. – Nambucca*

Road Closed: Lot 1, DP 1194857.

File No.: 07/3099.

Schedule

On closing, the land within Lot 1, DP 1194857 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Copmanhurst; County – Clarence;
 Land District – Grafton; L.G.A. – Clarence Valley*

Road Closed: Lot 1, DP 1194851.

File No.: GF06 H 551.

Schedule

On closing, the land within Lot 1, DP 1194851 remains vested in the State of New South Wales as Crown land.

Description

*Parishes – Campbell, Mandoe and East Yetman;
 County – Arrawatta; Land District – Warialda;
 L.G.A. – Inverell*

Road Closed: Lot 1, DP 1193447.

File No.: ME07 H 84.

Schedule

On closing, the land within Lot 1, DP 1193447 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Glen Innes; County – Gough;
 Land District – Glen Innes;
 L.G.A. – Glen Innes Severn Shire*

Road Closed: Lot 2, DP 1195047.

File No.: AE06 H 445.

Schedule

On closing, the land within Lot 2, DP 1195047 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Meerschaum; County – Rous;
 Land District – Lismore; L.G.A. – Ballina*

Road Closed: Lot 1, DP 1195319.

File No.: 13/09891.

Schedule

On closing, the land within Lot 1, DP 1195319 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Jingellic East; County – Selwyn;
Land District – Tumbarumba; L.G.A. – Tumbarumba*
Road Closed: Lot 1, DP 1194126.
File No.: 13/15793.

Schedule

On closing, the land within Lot 1, DP 1194126 remains vested in the State of New South Wales as Crown land.

Description

*Parishes – Woodside and Frazer; County – Clive;
Land District – Tenterfield; L.G.A. – Tenterfield*
Road Closed: Lots 1, 2 and 3, DP 1195257.
File No.: 07/3063.

Schedule

On closing, the land within Lots 1, 2 and 3, DP 1195257 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Melyra; County – Forbes;
Land District – Grenfell; L.G.A. – Weddin*
Road Closed: Lot 1, DP 1189571.
File No.: 08/0093.

Schedule

On closing, the land within Lot 1, DP 1189571 remains vested in the State of New South Wales as Crown land.

Description

*Parishes – Biniguy, Wee Bulla Bulla and Menadool;
County – Courallie;
Land District – Moree; L.G.A. – Moree Plains*
Road Closed: Lot 1, DP 1193144 and Lots 11-12, DP 1193145.
File No.: ME05 H 115.

Schedule

On closing, the land within Lot 1, DP 1193144 and Lots 11-12, DP 1193145 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Bundoowithidie; County – Courallie;
Land District – Moree; L.G.A. – Moree Plains*
Road Closed: Lot 2, DP 1193144 and Lot 22, DP 1193146.
File No.: ME05 H 115.

Schedule

On closing, the land within Lot 2, DP 1193144 and Lot 22, DP 1193146 remains vested in the State of New South Wales as Crown land.

Description

*Parishes – Mungie Bundie and Bundoowithidie;
County – Courallie;
Land District – Moree; L.G.A. – Moree Plains*
Road Closed: Lot 3, DP 1193144.
File No.: ME05 H 115.

Schedule

On closing, the land within Lot 3, DP 1193144 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Apsley; County – Vernon;
Land District – Walcha; L.G.A. – Walcha*
Road Closed: Lot 4, DP 1194848 (subject to easement/
right of carriageway created by Deposited Plan 1194848).
File No.: AE06 H 344.

Schedule

On closing, the land within Lot 4 DP 1194848 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Lawrence; County – Clarence;
Land District – Grafton; L.G.A. – Clarence Valley*
Road Closed: Lot 1, DP 1195318.
File No.: 10/06828.

Schedule

On closing, the land within Lot 1, DP 1195318 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Bulahdelah; County – Gloucester;
Land District – Gloucester; L.G.A. – Great Lakes*
Road Closed: Lot 1, DP 1194701.
File No.: TE06 H 45.

Schedule

On closing, the land within Lot 1, DP 1194701 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Wagra; County – Goulburn;
Land District – Albury; L.G.A. – Greater Hume*
Road Closed: Lot 1, DP 1189831.
File No.: 09/03889.

Schedule

On closing, the land within Lot 1, DP 1189831 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Paleroo; County – Murchison;
Land District – Bingara; L.G.A. – Gwydir*
Road Closed: Lots 1-4, DP 1192671.
File No.: 08/10229.

Schedule

On closing, the land within Lots 1-4, DP 1192671 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Drogheda; County – Westmoreland;
Land District – Lithgow; L.G.A. – Oberson*

Road Closed: Lot 4, DP 1154337.

File No.: OE05 H 270.

Schedule

On closing, the land within Lot 4, DP 1154337 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Boyd; County – Gresham;
Land District – Grafton; L.G.A. – Clarence Valley*

Road Closed: Lot 1, DP 1192662.

File No.: 09/02157.

Schedule

On closing, the land within Lot 1, DP 1192662 remains vested in the State of New South Wales as Crown land.

MOREE OFFICE**Frome Street (PO Box 388), Moree NSW 2400****Phone: (02) 6752 5055 Fax: (02) 6752 1707****NOTICE OF PURPOSE OTHER THAN THE
DECLARED PURPOSE PURSUANT TO SECTION
34A(2) OF THE CROWN LANDS ACT 1989**

PURSUANT to section 34A(2)(b) of the Crown Lands Act 1989, the Crown reserve with the declared public purpose specified in Column 2 of the Schedule, is to be used or occupied for a purpose other than the declared purpose specified in Column 1 of the Schedule.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

SCHEDULE*Column 1*

Grazing (Relevant Interest -
S34A Licence - RI 525586).

Column 2

Reserve No.: 98097.
Public Purpose: Access.
Notified: 21 February 1986.
File No.: 13/15636.

NEWCASTLE OFFICE
437 Hunter Street, Newcastle NSW 2300
(PO Box 2215, Dangar NSW 2309)
Phone: (02) 1300 886 235 Fax: (02) 4925 3517

RESERVATION OF CROWN LAND

PURSUANT to section 87 of the Crown Lands Act 1989, the Crown land specified in Column 1 of the Schedule hereunder, is reserved as specified opposite thereto in Column 2 of the Schedule.

KEVIN HUMPHRIES, M.P.,
 Minister for Natural Resources, Lands and Water

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>
Land District: Metropolitan.	Reserve No.: 1038188.
Local Government Area: Sutherland Shire Council.	Public Purpose: Rural services.
Locality: Barden Ridge.	
Lot 1, DP No. 1167886, Parish Holsworthy, County Cumberland.	
Lot 2, DP No. 1167886, Parish Holsworthy, County Cumberland.	
Area: About 1651 square metres.	
File No.: 14/03720.	

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.

KEVIN HUMPHRIES, M.P.,
 Minister for Natural Resources, Lands and Water

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>
Old Illawarra Road Reserve Trust.	Reserve No.: 1038188.
	Public Purpose: Rural services.
	Notified: This day.
	File No.: 14/03721.

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.

KEVIN HUMPHRIES, M.P.,
 Minister for Natural Resources, Lands and Water

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
Sutherland Shire Council.	Old Illawarra Road Reserve Trust.	Reserve No.: 1038188.
		Public Purpose: Rural services.
		Notified: This day.
		File No.: 14/03721.

For a term commencing the date of this notice.

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.

ANDREW STONER, M.P.,
 Minister for Regional Infrastructure and Services

Description

Parish – Wickham; County – Brisbane;
Land District – Muswellbrook; L.G.A. – Muswellbrook

Road Closed: Lot 3, DP 1182922 subject to easement for electricity and other purposes created by Deposited Plan DP 1182922.

File No.: MD05 H 124.

Schedule

On closing, the land within Lot 3, DP 1182922 remains vested in Muswellbrook Shire Council as operational land for the purposes of the Local Government Act 1993.

Council Reference: 580.039.

Description

Parish – Holsworthy; County – Cumberland;
Land District – Metropolitan; L.G.A. – Sutherland Shire

Road Closed: Lots 1 and 2, DP 1167886 (subject to an easement created by Deposited Plan 1167886).

File No.: 11/01467 : BA.

Schedule

On closing, the land within Lots 1 and 2, DP 1167886 remains vested in the State of New South Wales as Crown land.

Description

Parish – St Peter; County – Cumberland;
Land District – Picton; L.G.A. – Campbelltown

Road Closed: Lot 1, DP 1194379 subject to an easement for water supply purposes and easement for gas main created by Deposited Plan DP 1194379.

File No.: 11/04968.

Schedule

On closing, the land within Lot 1, DP 1194379 remains vested in Campbelltown City Council as operational land for the purposes of the Local Government Act 1993.

Council Reference: JM/AM/R1/11.

Description

*Parish – Mitchell; County – Goulburn;
Land District – Albury; L.G.A. – Greater Hume*

Road Closed: Lot 1, DP 1194475.

File No.: WA05 H 531.

Schedule

On closing, the land within Lot 1, DP 1194475 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Waugoola; County – Bathurst;
Land District – Cowra; L.G.A. – Cowra*

Road Closed: Lots 1-2, DP 1192704.

File No.: CL/00642.

Schedule

On closing, part of the land within Lot 1, DP 1192704 remains vested and part becomes vested in the State of New South Wales as Crown land and the land within Lot 2, DP 1192704 remains vested in the State of New South Wales as Crown land.

Council's Reference: 108/12.

NOWRA OFFICE
5 O'Keefe Avenue (PO Box 309), Nowra NSW 2541
Phone: (02) 4428 9100 Fax: (02) 4421 2172

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.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

Description

Parish – Meehan; County – Cook;
Land District – Windsor; L.G.A. – Hawkesbury

Road Closed: Lot 1, DP 1193603.

File No.: MN07 H 54.

Schedule

On closing, the land within Lot 1, DP 1193603 remains vested in the State of New South Wales as Crown land.

Description

Parish – Narooma; County – Dampier;
Land District – Moruya; L.G.A. – Eurobodalla

Road Closed: Lot 1, DP 1180820.

File No.: 12/06090.

Schedule

On closing, the land within Lot 1, DP 1180820 remains vested in the State of New South Wales as Crown land.

ORANGE OFFICE
92 Kite Street (PO Box 2146), Orange NSW 2800
Phone: (02) 6391 4300 Fax: (02) 6362 3896

APPOINTMENT OF TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the persons whose names are specified in Column 1 of the Schedule hereunder, are appointed for the terms of office specified, as members of the trust board for the reserve trust specified opposite thereto in Column 2, which has been established and appointed as trustee of the reserve referred to opposite thereto in Column 3 of the Schedule.

ANDREW STONER, M.P.,
 Minister for Regional Infrastructure and Services

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
Graham Henry TOOHEY (re-appointment). Lance Ivan HARVEY (re-appointment). Douglas John HARVEY (re-appointment).	Dover Park Public Recreation Reserve Trust.	Reserve No.: 75431. Public Purpose: Public recreation. Notified: 14 November 1952. Reserve No.: 62575. Public Purpose: Public recreation. Notified: 2 April 1931. File No.: OE80 R 159-003.

Term of Office

For a term commencing 28 May 2014 and expiring
 27 May 2019.

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

PURSUANT to section 34A(2)(b) of the Crown Lands Act 1989, the Crown reserve with the declared public purpose specified in Column 2 of the Schedules, is to be used or occupied for a purpose other than the declared purpose specified in Column 1 of the Schedules.

KEVIN HUMPHRIES, M.P.,
 Minister for Natural Resources, Lands and Water

SCHEDULE 1

<i>Column 1</i>	<i>Column 2</i>
Recreation (Relevant Interest - S34A - Licence - RI 529948).	Reserve No.: 5895. Public Purpose: Water supply and camping. Notified: 7 April 1888. File No.: 14/00881.

SCHEDULE 2

<i>Column 1</i>	<i>Column 2</i>
Beautification (Relevant Interest - S34A Licence - RI 523097).	Reserve No.: 90342. Public Purpose: Future public requirements. Notified: 9 November 1973. File No.: 13/14193.

SCHEDULE 3

<i>Column 1</i>	<i>Column 2</i>
Environmental Protection and Sustainable Grazing (Relevant Interest - S34A Licence - RI526202). Shed (Relevant Interest - S34A Licence - RI526202). Silo (Relevant Interest - S34A Licence - RI526202).	Reserve No.: 752930. Public Purpose: Future public requirements. Notified: 29 June 2007. File No.: 13/15822.

SCHEDULE 4

<i>Column 1</i>	<i>Column 2</i>
Recreation (Relevant Interest - S34A Licence - RI 529948).	Reserve No.: 1001056. Public Purpose: Public recreation, environmental protection and heritage purposes. Notified: 27 February 1998. File No.: 14/00881.

ROADS ACT 1993

ORDER

Transfer of Crown Road to Council

IN pursuance of the provisions of section 151, Roads Act 1993, the Crown public roads specified in Schedule 1 are 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 roads specified in Schedule 1 cease to be Crown public roads.

KEVIN HUMPHRIES, M.P.,
 Minister for Natural Resources, Lands and Water

SCHEDULE 1

*Parish – Mulyan; County – Wellington;
 Locality – Mullion Creek; Land District – Orange*

Crown road 20.115 wide shown by solid black shading
 on the diagram hereunder



SCHEDULE 2

Roads Authority: Cabonne Council.
 File No.: 14/03863; W534791.
 Council Reference: J Theakstone.

SYDNEY METROPOLITAN OFFICE
Level 12, Macquarie Tower, 10 Valentine Avenue, Parramatta 2150
(PO Box 3935, Parramatta NSW 2124)
Phone: (02) 8836 5300 Fax: (02) 8836 5365

ROADS ACT, 1993

ORDER

Transfer of a Crown Road 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, as from the date of publication of this notice and from that date the road specified in Schedule 1 ceases to be a Crown public road.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water
and Minister for Western NSW

SCHEDULE 1

Land District – Windsor;
Local Government Area – The Hills Shire;
Parish – Nelson; County – Cumberland

Crown public road known as Hession Road at Nelson as shown by solid black shading on the diagram hereunder.



SCHEDULE 2

Roads Authority: Warringah Council.

File No.: 14/03526.

TAREE OFFICE
98 Victoria Street (PO Box 440), Taree NSW 2430
Phone: (02) 6591 3500 Fax: (02) 6552 2816

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.

KEVIN HUMPHRIES, M.P.,
Minister for Natural Resources, Lands and Water

Description

*Parish – Barrington; County – Gloucester;
Land District – Gloucester; L.G.A. – Gloucester*

Road Closed: Lot 1, DP 1192486.

File No.: 07/4171.

Schedule

On closing, the land within Lot 1, DP 1192486 remains vested in the State of New South Wales as Crown land.

Description

*Parish – Johns River; County – Macquarie;
Land District – Taree; L.G.A. – Port Macquarie-Hastings*

Road Closed: Lots 1-2, DP 1192667.

File No.: TE05 H 244.

Schedule

On closing, the land within Lots 1-2, DP 1192667 remains vested in the State of New South Wales as Crown land.

WESTERN REGION OFFICE
45 Wingewarra Street (PO Box 1840), Dubbo NSW 2830
Phone: (02) 6883 5400 Fax: (02) 6884 2067

APPOINTMENT OF TRUST BOARD MEMBERS

PURSUANT to section 93 of the Crown Lands Act 1989, the persons whose names are specified in Column 1 of the Schedule hereunder, are appointed for the terms of office specified, as members of the trust board for the reserve trust specified opposite thereto in Column 2, which has been established and appointed as trustee of the reserve referred to opposite thereto in Column 3 of the Schedule.

ANDREW STONER, M.P.,
 Minister for Regional Infrastructure and Services

SCHEDULE

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
Debra Ann LEIGO (new member). Beryl Marion LEIGO (re-appointment). Valerie Joan MYORS (re-appointment). Neill Robert LEIGO (new member). Betty Ireen TAYLOR (new member). Peter Norman JACKSON (new member). Deborah Theresa MYORS (new member).	Lila Leigo Centre Reserve Trust.	Reserve No.: 1004889. Public Purpose: Accommodation and community purposes. Notified: 15 August 2003. File No.: WL03 R 19.

Term of Office

For a term commencing 22 May 2014 and expiring
 21 May 2019.

Other Notices

ABORIGINAL LAND RIGHTS ACT 1983

Notice

I, the Honourable Victor Dominello, M.P., Minister for Aboriginal Affairs, following consent by the New South Wales Aboriginal Land Council (NSWALC), do, by this notice pursuant to section 231 (2) of the Aboriginal Land Rights Act 1983 (the Act) extend the appointment of Mr Andrew BOWCHER as administrator to the Brewarrina Local Aboriginal Land Council for a period of six (6) calendar months, from 13 May 2014. During the period of his appointment, the administrator will have all of the functions of the Brewarrina Local Aboriginal Land Council and any other duties as specified by the instrument of appointment. The administrator's remuneration and expenses are not to exceed \$60,000, excluding gst, without the prior approval of NSWALC. The administrator's remuneration may include fees payable for the services of other personnel within the administrator's firm who provide services as agents of the administrator.

Signed and sealed this 12th day of May 2014.

VICTOR DOMINELLO, M.P.,
Minister for Aboriginal Affairs

GOD SAVE THE QUEEN!

APPRENTICESHIP AND TRAINEESHIP ACT 2001

NOTICE is given that the Commissioner for Vocational Training under section 5 of the Apprenticeship and Traineeship Act 2001 has established the following vocations:

Apprenticeship

- Gas Industry – Gas Supply Industry Operations

Traineeships

- Gas Industry – Gas Supply Industry Operations

The Order specifies a number of matters relating to the required training for the vocation including the terms of apprenticeship and 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 Department of Education and Communities or on the Internet at:
https://www.training.nsw.gov.au/cib_vto/cibs/cib_620.html

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

- Gas Industry – Cylinder Operations
- Gas Industry – Fuel Delivery Operations
- Gas Industry – Gas Supply Operations
- Gas Industry – Pipeline Construction
- Gas Industry – Pipeline Operations

CHARITABLE TRUSTS ACT 1993

Erratum

THE following Order which was published in the *New South Wales Government Gazette* of 9 May 2014 on page 1374 was published with errors. The Order is republished in full correcting those errors. The gazettal date remains 9 May 2014.

CHARITABLE TRUSTS ACT 1993

Order Under Section 12

Cy-Près Scheme Relating to the Estate of the Late Jean Coleman

SECTION 9 (1) of the Charitable Trusts Act 1993 permits the application of property cy-près where the spirit of the original trust can no longer be implemented.

By her Will dated 11 June 1981 Ms Jean Coleman of Our Lady of Loreto Nursing Home 167 Albert Road, Strathfield, bequeathed her estate to the Our Lady of Loreto Nursing Home for its general purposes. The Our Lady of Loreto Nursing Home in Strathfield closed in 1999. Ms Coleman died in 2001.

The value of the estate is approximately \$15,990. The gift in the Will is one for charitable purposes, being one for the relief of the aged and also displaying a general charitable intention.

The executor named in the will could not be located, so the Society of St Vincent de Paul (NSW) ('the Society'), which owned the Our Lady of Loreto Nursing Home, indicated that it would apply to become administrator and trustee of the estate. However the Society's application for letters of administration with the Will annexed was rejected as the NSW Trustee and Guardian (NSWTAG) elected to be appointed as executor of the Estate.

The NSWTAG has applied to the Attorney General for the establishment of a scheme under section 12 of the Charitable Trusts Act 1993 such that the property be held on trust by VincentCare Victoria to be applied, cy-près, for the purposes of one or more of the following institutions:

- Bailly House, 68-72 Chapman Street, North Melbourne
- May Noonan Hostel, 3 Foley Street, Terang
- O'Mara House, 15 Hunter Road, Traralgon
- St Anne's Hostel, 125 -135 Kenney Street, West Meadows
- St Vincent de Paul Nursing Home, 110 Albion Road, Box Hill
- Vincepaul Hostel, 13-25 Strabane Avenue, Mont Albert North
- Vincentian Village, 12-14 Beulah Street, Hamlyn Heights.

As delegate of the Attorney General in charitable trust matters, I have formed a view that the gift in the Will is a gift for a charitable purpose. I consider that the original charitable purpose has failed and that this is an appropriate matter in which the Attorney General should approve a cy-près scheme under section 12 (1) (a) of the Charitable Trusts Act 1993.

I have approved the establishment by the Attorney General of a cy-près scheme under section 12 (1) (a) of the Charitable Trusts Act 1993. The scheme would permit the trust property to be applied cy-près for the purposes of one or more of the institutions listed above and, pursuant to section 12 of the Charitable Trusts Act, I hereby order that the gift be applied for this charitable purpose.

This Order will take effect 21 days after its publication in the *New South Wales Government Gazette*, in accordance with section 16 (2) of the Charitable Trusts Act 1993.

Date of Order: 1 May 2014.

M. G. SEXTON, S.C.,
Solicitor General (under delegation
from the Attorney General)

CO-OPERATIVES (ADOPTION OF NATIONAL LAW) ACT 2012 (NSW)

Notice under Section 601AB of the Corporations Act 2001 as Applied by Section 453 of the Co-Operatives (Adoption of National Law) Act 2012 (NSW)

NOTICE is hereby given that the Co-operative mentioned below will be deregistered when two months have passed since the publication of this notice:

WARDELL CHAMBERS (15TH FLOOR)
CO-OPERATIVE LIMITED

Dated this 13th day of May 2014 at Bathurst.

R. LUNNEY,
Delegate of the Registrar of Co-Operatives

ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

Notice of Draft Voluntary Planning Agreement

NOTICE is hereby given of a proposed Voluntary Planning Agreement (VPA) between the Sydney Olympic Park Authority (Authority) and Karimbla Properties (No. 33) Pty Ltd pursuant to section 93G of the Environmental Planning and Assessment Act 1979 (the EP&A Act). The proposed Agreement offers to make monetary contributions and relates to land Lot 84 in Deposited Plan 855929 on Bennelong Parkway, Sydney Olympic Park NSW 2127.

Exhibition Period: 13 May 2014 – 18 June 2014

Enquiries: Ben Woods, Executive Manager,
Development Contracts

Email address: ben.woods@sopa.nsw.gov.au

Phone: (02) 9714 7538

Interested persons are invited to view the draft VPA and accompanying document at 8 Australia Avenue, Sydney Olympic Park between the hours 9.00am and 5.00pm, Monday to Friday, or on the internet at www.sopa.nsw.gov.au.

MOTOR DEALERS AND REPAIRERS REGULATION 2014

Invitation to Comment

FOLLOWING a comprehensive review of the motor vehicle industry, the Motor Dealers and Repairers Act 2013 was passed by Parliament in November 2013. The Motor Dealers and Repairers Regulation 2014 will support the operation of the Act by providing necessary legislative detail.

A Regulatory Impact Statement has been prepared containing a consultation draft of the Regulation and information about the policy intent of the legislation. A copy of the Regulatory Impact Statement can be requested from NSW Fair Trading by email to: policy@finance.nsw.gov.au or phone 133 220 or (02) 9895 0791. The Regulatory Impact Statement will also be available for download from the Fair Trading website at www.fairtrading.nsw.gov.au

Comments and submissions on the proposed Regulation must be provided in writing. The closing date for submissions is Friday, 6 June 2014.

PARTNERSHIP ACT 1892

Section 73A

Cancellation of Incorporation Pursuant to Schedule 1 of the Partnership Act 1892

NOTICE is hereby given that the following Incorporated Limited Partnership has voluntarily wound up pursuant to Schedule 1 Clause (2) and its incorporation is cancelled by this notice pursuant to Schedule 1 Clause (9) of the Partnership Act 1892:

CRESCENT CAPITAL PARTNERS II L.P
INCORPORATED LIMITED PARTNERSHIP
ILP0000003

Cancellation is effective as at the date of gazettal.

Dated this 13th day of May 2014.

JON ROBINSON,
Delegate of the Commissioner,
NSW Fair Trading,
Department of Finance & Services

POISONS AND THERAPEUTIC GOODS ACT 1966

Order under Clause 175 (1),
Poisons and Therapeutic Goods Regulation 2008

Withdrawal of Drug Authority

IN accordance with the provisions of Clause 175 (1) of the Poisons and Therapeutic Goods Regulation 2008 an Order has been made on Mr Matthew Allan FRAZER (NMW0001318925) of 1/34 Lemnos Parade, The Hill NSW 2300, prohibiting him, until further notice, as a nurse from having possession of and supplying drugs of addiction as authorised by Clauses 101 and 103 of the Regulation.

This Order is to take effect on and from 19 May 2014.

Dated at Sydney, 13 May 2014.

Dr MARY FOLEY,
Secretary,
Ministry of Health, New South Wales

POISONS AND THERAPEUTIC GOODS ACT 1966

Order under Clause 175 (1)
Poisons and Therapeutic Goods Regulation 2008
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 issued on 1 April 2011 prohibiting Ian Mark MACKENZIE, NMW0001311653, of 15 Karina Place, Bolton Point NSW 2283, from having possession of and supplying drugs of addiction as authorised by Clauses 101 and 103 of the Regulation, for the purpose of his profession as a nurse, shall cease to operate from 16 May 2014.

Dated at Sydney, 13 May 2014.

Dr MARY FOLEY,
Secretary,
Ministry of Health, New South Wales

**PROPERTY, STOCK AND BUSINESS AGENTS
REGULATION 2014**

Invitation to Comment

NSW FAIR TRADING invites you to have your say on proposed minor updates under its public review of the Property, Stock and Business Agents Regulation 2014.

As part of a regular review process it is proposed to remake the Property, Stock and Business Agents Regulation 2003.

The proposed Regulation will commence on 1 September 2014 and is currently available in draft format to enable consultation.

Although the draft Regulation does not include any reference to the possible exemption of commercial property agency work, this review has provided an opportunity to consider this issue. The possible deregulation of commercial property agency work in relation to a corporation undertaking commercial property agency work on behalf of an affiliate or for large commercial property that exceeds a total floor area or total estimated value (both to be determined as part of the consultation process) would be reduce a reduction of red tape for business.

The preferred option, outlined in a Regulatory Impact Statement, would continue to support the property services sector to operate fairly and professionally, and maintain important consumer protections. The proposed amendments include:

- the removal of obsolete references and repetition provisions;
- the introduction of a unique identifying number for general trust accounts to ensure that banks are accountable for interest paid into the Statutory Interest Account; and
- allowing the use of various technologies for the keeping of records and communication purposes.

Your views about the proposed Regulation would be appreciated. Please provide your responses by 13 June 2014.

The proposed Regulation and Regulatory Impact Statement can be viewed at www.fairtrading.nsw.gov.au

**SYDNEY OLYMPIC PARK AUTHORITY
ACT 2001 (NSW)**

Building 8 and 139, Newington Armory,
Sydney Olympic Park

Notice of Proposal to Grant a Licence Agreement
under Section 32 (1)

PURSUANT to section 32 (1) of the Sydney Olympic Park Authority Act 2001 (NSW), Sydney Olympic Park Authority, with the approval of the Minister for Sport and Recreation, proposes to grant a licence agreement over existing premises at Building 8 and 138, Newington Armory, Sydney Olympic Park.

Submissions are invited from persons who wish to comment on the proposal. The proposed licence agreement referred to in this notice will not be entered into before all submissions relating to this proposal have been duly considered.

Land:

Parklands Precinct: Newington Armory, Sydney
Olympic Park – Lot 3, DP 883215

Purposes for which the land will be used under the proposed licences:

The premises will be used for organised recreation (non-ball/racquet) activities.

Term of the proposed licences:

3 years expiring May 2017 with a further
2 year option.

How to make submissions:

Interested parties may make written submissions on the proposed licence, addressed to:

Parklands Public Notice,
Building 8 and 139, Newington Armory,
Sydney Olympic Park Authority,
Level 1, 8 Australia Avenue,
Sydney Olympic Park NSW 2127

Submissions may also be lodged by email at
enquiries@sopa.nsw.gov.au.

Closing date for submissions:

Submissions must be received before 5:00pm,
Friday, 6 June 2014

Contact:

Melinda Byrne, Executive Manager, Commercial
Services (02) 9714 7243.

CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999

T. F. Bathurst, Lieutenant-Governor

I, the Honourable T. F. Bathurst, Lieutenant-Governor of the State of New South Wales, with the advice of the Executive Council and pursuant to section 236L of the Crimes (Administration of Sentences) Act 1999, do, by this Proclamation, revoke the Proclamation published in the NSW Government Gazette on 22 October 2010 which declared Cooma Community Offender Support Program Centre to be a residential facility.

This proclamation is to take effect on and from the date of publication in the *NSW Government Gazette*.

Signed and sealed at Sydney, this 14th day of May 2014.

By His Excellency's Command,

The Hon. BRAD HAZZARD, M.P.,
Attorney General and Minister for Justice

GOD SAVE THE QUEEN!

CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999

T. F. Bathurst, Lieutenant-Governor

I, the Honourable T. F. Bathurst, Lieutenant-Governor of the State of New South Wales, with the advice of the Executive Council, and pursuant to section 225 (4) of the Crimes (Administration of Sentences) Act 1999, do, by this Proclamation, vary the Proclamation of Cooma Correctional Centre published in the *NSW Government Gazette* on 7 December 2001 and varied by Proclamation published in the *NSW Government Gazette* on 3 August 2007 and 22 October 2010 and in variation thereof I declare Cooma Correctional Centre to be the area comprised within the boundaries hereunder (together with all buildings or premises which are now or may hereafter be erected thereon), viz.:

All that piece or parcel of land situate in the Local Government Area of Cooma-Monaro, Parish of Cooma and County of Beresford, being part of Lot 2 in Section 50 of Deposited Plan 758280 and part of Lot 121 in Deposited Plan 750535, shown by the shading on Plan Catalogue No. 57135 in the Plan Room of the NSW Department of Finance & Services reproduced hereunder and having a total area of 8636 square meters or thereabouts.

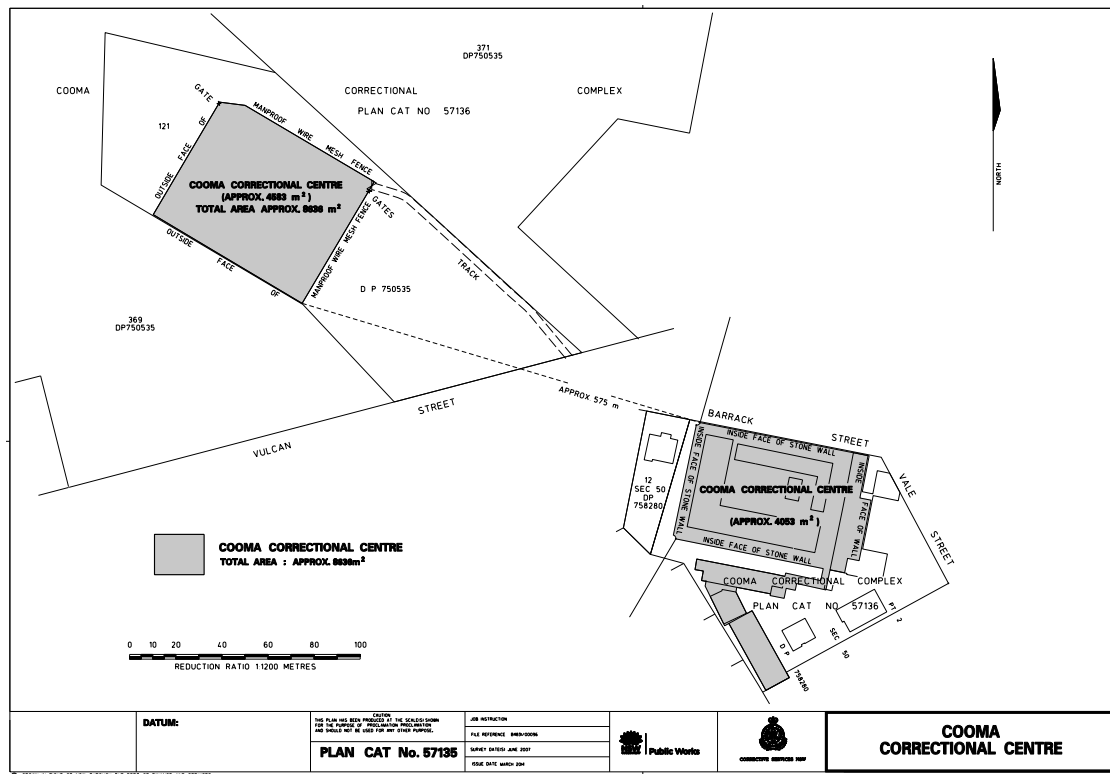
This proclamation is to take effect on and from the date of publication in the *NSW Government Gazette*.

Signed and sealed at Sydney, this 14th day of May 2014.

By His Excellency's Command,

The Hon. BRAD HAZZARD, M.P.,
Attorney General and Minister for Justice

GOD SAVE THE QUEEN!



CRIMES (ADMINISTRATION OF SENTENCES) ACT 1999

T. F. Bathurst, Lieutenant-Governor

I, the Honourable T. F. Bathurst, Lieutenant-Governor of the State of New South Wales, with the advice of the Executive Council, and pursuant to section 224 (3) of the Crimes (Administration of Sentences) Act 1999, do, by this Proclamation, vary the Proclamation of Cooma Correctional Complex published in the *NSW Government Gazette* on 7 December 2001 and varied by Proclamation published in the *NSW Government Gazette* on 3 August 2007 and 22 October 2010 and in variation thereof I declare Cooma Correctional Complex to be the area comprised within the boundaries hereunder (together with all buildings or premises which are now or may hereafter be erected thereon), viz.:

All that piece or parcel of land situate in the Local Government Area of Cooma-Monaro, Parish of Cooma and County of Beresford, being Lot 121, Lot 369 and part of Lot 371 in Deposited Plan 750535 and part of Lot 2 in Section 50 of Deposited Plan 758280, shown by the shading on Plan Catalogue No. 57136 in the Plan Room of the NSW Department of Finance & Services reproduced hereunder and having a total area of 44.39 hectares or thereabouts.

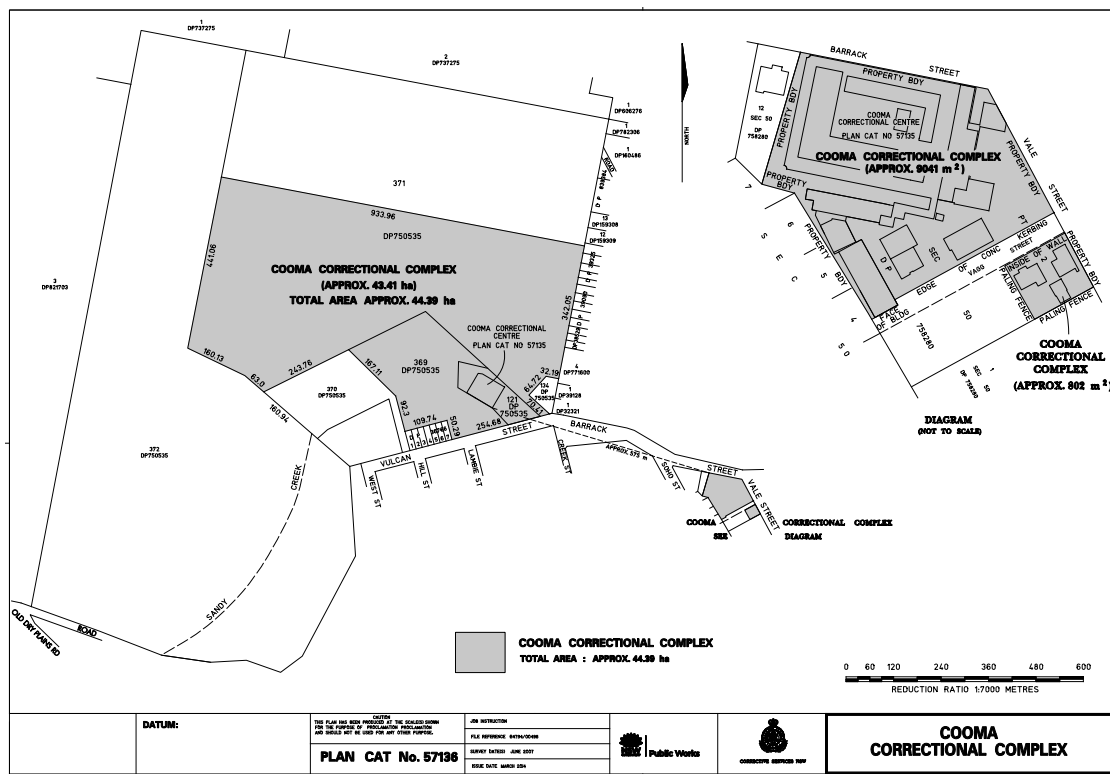
This proclamation is to take effect on and from the date of publication in the *NSW Government Gazette*.

Signed and sealed at Sydney, this 14th day of May 2014.

By His Excellency's Command,

The Hon. BRAD HAZZARD, M.P.,
Attorney General and Minister for Justice

GOD SAVE THE QUEEN!



**SURVEY AND DRAFTING DIRECTIONS FOR MINE SURVEYORS 2013
(NSW – COAL)**

Issued by the Surveyor-General by order, pursuant to Clause 4, Surveying and Spatial Information Regulation 2012.

Note: These Directions are for coal mines in New South Wales. Refer to the document entitled Survey and Drafting Directions for Mining Surveyors NSW Metalliferous and Extractive Industries, gazetted 9 October 2009, issued by the Surveyor-General by order pursuant to Clause 4 of the Surveying and Spatial Information Regulation 2012.

This Direction replaces the Survey and Drafting Directions for Mine Surveyors (NSW-Coal) gazetted 18 May 2007, issued pursuant to Clause 4 of the Surveying and Spatial Information Regulation 2006

SURVEY AND DRAFTING DIRECTIONS FOR MINE SURVEYORS

CONTENTS

1. GENERAL
2. DEFINITIONS
3. SURVEY STANDARDS AND PROCEDURES
4. MINE WORKINGS PLAN
5. MINE WORKINGS SPATIAL INFORMATION
6. CLOSING PLANS
7. SUPPLY OF MINE WORKING PLAN AND MINE RECORD TRACING
8. OTHER PLANS
9. STANDARDS FOR THE PREPARATION OF MINE WORKINGS DIGITAL THEMES

1. GENERAL

1.1 Authorisation

The surveys, plans and digital data standards detailed in these Directions are required by the Surveying and Spatial Information Act 2002 No. 83 and Clause 4 of the Surveying and Spatial Information Regulation 2012. Specifically the Mine Workings Plan is required to be kept in satisfaction of Clause 138, Surveys of the Coal Mine Health and Safety Regulation 2006.

1.2 Preparation

These Directions provide principally for the conduct of surveys and preparation of plans for coal mines in New South Wales. They provide guidance for preparation of the Hard Copy and the digital recording, storage and preparation of the Mine Workings Plan and Mine Workings Spatial Information for the whole of the mine. They also provide some guidance to the preparation of other plans based on the Mine Workings Spatial Information that are required by the Coal Mine Health and Safety Regulation 2006 and various Departmental Guidelines. In particular, the preparation of plans required in support of various applications that may be required from time to time for the conduct of coal mining operations in New South Wales.

1.3 Compilation

- 1.3.1 The Mine Workings Plan and Mine Workings Spatial Information shall be surveyed and compiled on the Map Grid of Australia 1994 (MGA94) based on the Geocentric Datum of Australia 1994 (GDA94) values. The Mine Workings Plan shall be sectionalised into sheets as a best fit for individual mines. In determining the best fit for the sheet layout the surveyor should be mindful of the need to provide for expansion of the mine and to fit with adjoining mine workings. If in doubt the surveyor should consult with the Department and with neighbouring mines.
- 1.3.2 The Surveyor-General may request of the Department copies of all or any Mine Workings Spatial Information to be lodged with the Register of public surveys in accordance with Section 7 of the Surveying and Spatial Information Act 2002 No. 83.
- 1.3.3 Where old workings exist it shall be assumed, for the purpose of marking the Mine Workings Plan, that they constitute a danger until the contrary is proven. In this situation, all plans should be regarded with suspicion until their accuracy has been verified. Reasonable effort should be made to obtain all existing information about old workings and, once obtained, to ensure that they are recorded on the Mine Workings Plan in accordance with these Directions.

Note: Clause 28 of the Regulation prescribes for the purposes of Section 32 of the Act hazards arising from inrush into underground parts of a coal operation as a major hazard to which Subdivision 2 of Division 2 of Part 5 of the Act applies. Clause 33 of the Regulation prescribes for the purposes of Section 36 of the Act contents of a Major Hazard: Inrush Management Plan. Clause 49 of the Regulation for the purposes of Section 53 prescribes working within an inrush control zone as a high risk activity to which Subdivision 6 of Division 2 of Part 5 of the Act applies.

1.4 Transfer to MGA94

- 1.4.1 When Seam Workings Sheets or Void Sheets of the Mine Workings Plan are being prepared to comply with these Directions and the workings of any part of the mine were completed prior to 31st March 2000, it shall be acceptable to draw an outline of such workings and to endorse the new sheet(s) to refer to any previously prepared Record Tracing held by the Department for detail.

- 1.4.2 Unless otherwise specified in writing by the Chief Inspector, should the workings on a Seam Workings Sheet or Void Sheet prepared under the direction of the Chief Inspector, other than in accordance with these Directions, become active in an area previously shown in outline, then the relevant workings shall be reproduced in full on the Seam Workings Sheet or Void Sheet of the Mine Workings Plan in accordance with these Directions.
- 1.4.3 Nothing shall prevent the transfer of mine workings in full to the Mine Workings Plan.

1.5 Symbols

The technical symbols, sign conventions and definitions for strata to be shown on the Mine Workings Plan, Mine Workings Spatial Information and any other plans required by these Directions shall conform to those illustrated in the Australian Standard for Mine Plans – Preparation and Symbols (AS-4368-1996), the Australian Standard for Graphic Representation of Coal Seams and Associated Strata (AS-2916-2007) or other relevant Australian Standards. If a symbol is not provided within the Australian Standards the Nominated Mining Surveyor may create a suitable symbol to be shown in the legend.

1.6 Nomination of a Mining Surveyor

The Operator of a Coal Operation shall inform the Department, Mine Mapping-Titles Section of the name and BOSSI Identification Number of the Mining Surveyor nominated under Section 37 of the Act, responsible for the conduct of Mining Surveys and preparation of formal Mining Survey Plans for the Coal Operation. Such nomination will continue until such time as information required by Section 7.2 or 7.3 of these Directions, is submitted to the Secretary.

1.7 Duties of a Nominated Mining Surveyor

A Nominated Mining Surveyor must ensure that:

- (a) any variation of the coal operation workings from a mine workings plan of which the surveyor becomes aware, or
 - (b) any interference with or obstruction to the performance of his or her functions, or
 - (c) any doubt about the accuracy of any plans,
- is brought to the attention of the relevant operator.

Note: Clause 143 of the Regulation prescribes this requirement.

1.8 Liability of a Nominated Mining Surveyor

The liability of a Nominated Mining Surveyor in complying with these Directions for a mine shall be limited to the period of time of nomination as the Mining Surveyor for that mine.

Note: Section 37 of the Act applies to the Management Structure for a Coal Operation.

2. DEFINITIONS

In these Directions the following words and terms have the meanings indicated:

Abandoned Coal Operation

An abandoned mine includes a discontinued coal operation, a closed coal operation (other than a suspended coal operation) and a former coal operation,

Attribute

A database field attached to a feature object in a theme used to describe spatial data and is also known as “object data”.

Australian Height Datum (AHD)

AHD is the datum surface approximating mean sea level that was adopted by the National Mapping Council of Australia in May 1971.

Bench Marks

Marks established at or in a Mine from which the levels (heights) of the mine workings are determined.

Borehole

A Borehole includes any hole (whether vertical, horizontal, inclined, or a combination of these), that may affect the safety of the mine, drilled for: -

- (a) exploration,
- (b) gas drainage,
- (c) outburst relief,
- (d) water drainage
- (e) Services (e.g. power, water and other services)
- (f) or any other purpose,

but does not include blast holes or shallow holes from the Working Section that do not intersect another Seam.

Borehole Plan

A plan or plans prepared in accordance with these Directions as an addition to the Mine Workings Plan where density of boreholes affects the clarity of the Mine Workings Plan.

BOSSI

Board of Surveying and Spatial Information as constituted by the Surveying and Spatial Information Act 2002, No. 83.

BOSSI Identification Number

Is an individual identification number issued by BOSSI, located on Certificate of Authority e.g. 8221.

Care and Maintenance

Discontinued mine workings are said to be under Care and Maintenance where mining is suspended and when the mine workings are maintained in a generally safe and accessible condition so as to allow for recommencement of mining activities without sterilisation of reserves.

Note: Clause 64 (1) (b) of the Regulation provides further information.

Certification

A written statement or a schedule signed by the Nominated Mining Surveyor attesting that the surveying procedures and plan preparation for the period certified, have been carried out pursuant to the standards required by these Directions, the Surveying and Spatial Information Regulation 2012, the Act and the Regulation.

Chief Inspector

Chief Inspector of Coal Mines, New South Wales Department of Trade and Investment, Resources and Energy Division, Mineral Resources Branch. The same meaning as defined in the Act.

Coal Operation

Has the same meaning as per the Act.

Coal Operation Boundary

As nominated by the Colliery Holder in accordance with Clause 7 (1) (b) of the Regulation.

Control Surveys

Substantially marked surveys forming a closed survey network completed in accordance with ICSM (2007) SP1 (version 1.7).

DCDB

Means Digital Cadastre Database as defined by the Land and Property Information (LPINSW)

Department

New South Wales Department of Trade and Investment, Resources and Energy Division, Mineral Resources Branch.

Secretary

Secretary of the Department. The same meaning as defined in the Act.

EDM

Means Electronic Distance Measurement.

Emplacement Areas

Has the same meaning as defined in the Act.

Escape and Rescue Plan

Plan required by Clause 47 of the Regulation.

Endorsement

A notation created, initialled and dated by the certifying Nominated Mining Surveyor, drawing attention to any aspect of the compilation of the Mine Workings Plan or Mine Workings Spatial Information that is considered necessary or informative that may or may not be a requirement under these Directions or any legislation.

ESRI Geodatabase

A database created through ESRI ArcGIS software containing digital themes and their attribute information, allowing access to large volumes of geographic data. (See SECTION 9 of these Directions)

Feature Type

Description on how spatial data should be defined, for example, a point, line, or polygon.

Geocentric Datum of Australia (GDA)

Datum surface approximating the shape of the earth's surface that was adopted by the Inter-Governmental Committee for Surveying and Mapping in May 1990.

Note: The datum surface is described in a notice published by the Surveyor-General in NSW Government Gazette No 88 of 8 August 1997 and designated in that notice as "The Geocentric Datum of Australia (GDA)".

GNSS

Means a Global Navigation Satellite System as per Survey and Spatial Regulation 2012

Hard Copy

In regard to paragraphs 3.1.8, 3.4.2, 7.2.1 and 7.2.2 of these Directions Hard Copy means plans prepared on 0.4mm/72 Micron double matt transparent drafting film with permanent inks, for all other cases coated paper Hard Copy with durable inks is acceptable. Whenever Hard Copy plans are submitted to the Secretary they shall be backed-up in PDF (Portable Document Format) on CD-R which shall accompany any such plans submitted.

Height Datum

All levels shown on the Mine Workings Plan, and all other plans prepared under these Directions, shall be reduced to Australian Height Datum (AHD).

ICSM (2007) SP1 (version 1.7)

The Inter-Governmental Committee on Surveying and Mapping Special Publication 1 "Standards and Practices for Control Surveys".

Inrush

Under the provisions of Clause 28 of the Regulation, hazards arising from inrush into the underground parts of the coal operations of:

- (A) water or other fluid materials, or any materials that become fluid when wet, or
- (B) flammable or noxious gases, and

for the purposes of Section 32 of the Act to which Subdivision 2 of Division 2 of Part 5 of the Act applies.

LPINSW

Means Land and Property Information New South Wales.

Integrated Survey Grid and Co-ordinate System (ISG)

A system of co-ordinate surveys previously used for the State of New South Wales. This grid is a Transverse Mercator projection of the Australian National Spheroid of 1966.

Map Grid of Australia 1994 (MGA94)

MGA means Map Grid of Australia that is a rectangular co-ordinate system using a Universal Transverse Mercator Projection with zones 6 degrees wide and based on the Geocentric Datum of Australia.

Note: As defined by Clause 5 (1) of the Survey and Spatial Information Regulation 2012.

Metadata:

"Information about data" and is used to inform the user of the lineage, accuracy and limitations that may exist within the data. The aim of metadata is to enable the end-user to work with the data with a known level of confidence.

Mine

Has the same meaning as defined in the Act.

Mine Baseline

A permanently marked surveyed line included in the State Survey Control Network.

Mine Record Tracing (MRT)

Hard Copy of the Mine Workings Plan submitted to the Department as per Clause 139 of the Regulation and certified by the Nominated Mining Surveyor for the Coal Operation.

Mine Workings Plan

The plan required to be kept under Clause 138 (2) (b) (I) of the Regulation.

Mine Workings Digital Themes

Any spatial data that is required to be compiled in the mapping area of the Mine Workings Plan (i.e. Seam Workings Sheets or Void Sheets) or is required to be submitted, as Mine Workings Spatial Information under these Directions. Compilation of the digital themes will be in accordance with Section 9 of these Directions.

Mine Workings Spatial Information

Digital files containing Mine Workings Plan data in the form of digital themes prepared in accordance with these Directions.

Mining Surveyor

A person registered as a Mining Surveyor under the Surveying and Spatial Information Act 2002 No. 83.

Nominated Mining Surveyor (Mine Surveyor)

A person registered as a Mining Surveyor under the Surveying and Spatial Information Act 2002 No. 83 and nominated under Section 37 of the Act as responsible for the conduct of Mining Surveys and the preparation of formal Mining Survey Plans for a Coal Operation.

Operator

Has the same meaning as defined in the Coal Mine Health and Safety Act 2002 No. 129.

Potential Sources of Inrush

Potential sources of inrush include tidal waters, impounded waters, rivers, streams, dams, reservoirs, aquifers, unconsolidated surface deposits, adjacent mine workings, bulk sample locations or other natural or man-made feature whether the same or of a different kind which, if disturbed by mining operations, may put the mine or persons at the mine at risk. This definition includes any material that flows when wet or flammable or noxious gases.

Note: Clause 33 of the Regulation provides further information.

Precision

Coordinate precision refers to the mathematical exactness of a coordinate and is based on the possible number of significant digits that can be stored for each coordinate.

Prescribed Dam

Means a dam, or proposed dam, specified or described in Schedule 1 of the Dams Safety Act 1978 No. 96.

Reporting Period

The Reporting Period shall be (6) six monthly.

Seam Workings Plan

A compilation of Mine Workings Spatial Information and other digital themes that when combined show the mine workings for a seam of an underground mine, necessary for the Mine Workings Plan.

Seam Workings Sheet

The sectionalised sheets, derived from the Seam Workings Plan, formatted for the mapping area of the Mine Workings Plan sheets, that when re-combined, cover the total area worked in an underground mine. (See Void Sheet for Open Cut Mines)

Seam

Any coal bearing stratum or combination thereof mined as a discrete entity. Refer to the Department for correct naming of coal seams.

Secondary Surveys

A survey originating from Control Surveys or Subsidiary Surveys utilised by the Nominated Mining Surveyor to accurately locate all of the workings of the mine that are not included in Control Surveys or Subsidiary Surveys.

Shaft

means an opening into a mine having an inclination to the horizontal of 15° or more through which persons or materials are raised or lowered, or which is used as a main intake or outlet for ventilation.

Subsidiary Survey

A survey originating from Control Surveys to develop the workings of a mine or to locate the position of the workings of a mine.

Supervision

When a survey is carried out in accordance with these Directions the Nominated Mining Surveyor must exercise such personal oversight and direction of the work as is necessary to ensure that the Nominated Mining Surveyor has the knowledge to certify all aspects of the survey and that the survey has been carried out in accordance with sound professional practice and these Directions.

Surface Plan

The Plan prepared in accordance with these Directions showing surface features, infrastructure and services subject to mine operations, whether open cut or underground, and includes coal preparation and handling facilities located on a mine site.

Note: Clause 138 (2) (b) (iii) of the Regulation sets out this requirement.

Survey Records

For the purpose of these Directions, survey records shall be taken to mean any plan, survey or spatial information required under these Directions and includes field books, level books, co-ordinate books, calculations and any other note books, sheets or plans used for recording relevant survey data, all survey observations, and compilations whether recorded or stored in written, photographic, digital or electronic form.

Surveyor-General

Surveyor-General means the person holding office or acting as the Surveyor-General under Part 4 of the Government Sector Employment Act 2013.

Suspended Mine

Any discontinuance of all work at the coal operation (where mining is suspended but the operation is kept on a care and maintenance basis).

Note: Clause 64 (1) (b) of the Regulation provides further information.

Themes

Theme refers to a type of information stored on a single layer of a digital drawing document. Themes are listed in Section 9 Table 9.3.

The Act

Means the Coal Mine Health and Safety Act 2002.

The Regulation

Means the Coal Mine Health and Safety Regulation 2006.

Underground Baseline

A permanently marked survey line established in underground workings from which underground surveys are developed. The Underground Baseline shall be connected by Control Survey to the Mine Baseline.

Ventilation Plan

Plan prepared in accordance with these Directions showing all ventilation appliances and airflow.

Note: Clause 138 (2) (b) (ii) of the Regulation sets out this requirement.

Void Plan

A compilation of Mine Workings Spatial Information and other digital themes that when combined show the position of all excavations, ramps, disturbed areas and highwall mining within an open cut mine, necessary for the Mine Workings Plan.

Void Sheets

The sectionalised sheets derived from the Void Plan, formatted for the mapping area of the Mine Workings Plan sheets, that when re-combined, cover the total area worked in an open cut mine.

Working Section

The Seam or part of a seam that is normally mined in an underground or open cut mine and which may include out of seam strata.

3. SURVEY STANDARDS AND PROCEDURES**3.1 Origin of Co-ordinates**

- 3.1.1 All surface and underground surveys made and carried out in accordance with these Directions shall be calculated and plotted by using the Map Grid of Australia (MGA94).
- 3.1.2 All surveys are to originate from the Mine Baseline or may originate from any other mark included in the State Survey Control Network having a standard of accuracy consistent with that of the Mine Baseline.
- 3.1.3 The horizontal survey of the Mine Baseline should be planned and surveyed to Class "B" standards of accuracy as defined in ICSM (2007) SP1 (version 1.7). The geometry of the network should be consistent with this standard of accuracy.
- 3.1.4 Each end of the Mine Baseline should be assigned an AHD Reduced Level surveyed to ICSM (2007) SP1 (version 1.7) Class "LD" spirit levelling or Class "B" from Trigonometric or GPS heighting.
- 3.1.5 At each end of the Mine Baseline there shall also be established a reference mark of durable nature connected by bearing and distance to the baseline permanent marks.
- 3.1.6 Should the position or co-ordinate values of the Mine Baseline change, this information shall be reported in accordance with Clause 39 of the Surveying and Spatial Information Regulation 2012.
- 3.1.7 Surface Baseline terminals shall be approved Permanent Marks as described in Surveyor-General's Direction No. 1, Approved Permanent Mark and the Surveyor-General's Direction No. 2, Preparation of Locality Sketch Plans.
- 3.1.8 Where Permanent Marks are placed for a Baseline, a Hard Copy plan and an electronic record with digital survey data shall be forwarded to the Secretary who in turn shall forward the information to the Surveyor-General for approval to be included in the State Control Network.
- 3.1.9 The Mine Baseline shall not be less than 250 metres in length.

3.2 Underground Baseline

- 3.2.1 Each underground mine shall have established a baseline in the underground workings of each seam. The Underground Baseline shall be in a suitable position and of at least 250 metres in length or as long as practicable. The terminal marks shall be stable and durable. Underground Baseline details shall be recorded on the Mine Workings Plan.
- 3.2.2 Sufficient subsidiary baselines shall be established by control survey to confirm orientation of the mine workings. The baseline details shall be recorded on the Mine Workings Plan

3.3 Control Surveys and Subsidiary Surveys

- 3.3.1 Accuracy: Each control survey and subsidiary survey must be planned and surveyed to ensure these surveys satisfy the conditions to achieve a standard of accuracy as prescribed in ICSM (2007) SP1 (version 1.7) to achieve Class "D" or better. All control surveys and subsidiary surveys observed survey data must be analysed to ensure all control surveys and subsidiary surveys achieve a standard of accuracy as prescribed in ICSM (2007) SP1 (version 1.7) to a minimum standard of Class "D". When calculating compliance to ICSM (2007) SP1 (version 1.7) Class "D" via the formula $r = c(d + 0.2)$ this Direction specifically defines d as the following:
 - d = distance to any station in km, with a minimum value of 1(km).
- 3.3.2 Marking: Each control survey station shall be adequately referenced and substantially marked. As far as practicable the marks shall be placed in a position least likely to be disturbed.
- 3.3.3 Where offset survey stations (wall stations) are employed the spigot and prism required to replicate the co-ordinate shall be specified on the Mine Workings Plan.
- 3.3.4 Secondary surveys shall be employed by the Nominated Mining Surveyor where necessary to accurately locate all of the Mine workings on the Mine Workings Plan to within 1mm at 1:2000 Scale. Such surveys shall be completed to the highest appropriate standards of accuracy.

3.4 Correlation of Surface and Underground Surveys

- 3.4.1 Correlation between surface and underground surveys shall be consistent with a Class "D" survey as prescribed in ICSM (2007) SP1 (version 1.7).
- 3.4.2 In correlation of surface and underground surveys where methods other than direct traverse are employed for azimuth or co-ordinate transfer, the surveys shall be shown on a plan separate from the Mine Workings Plan and shall disclose the special survey methods employed. The plan shall be submitted to the Secretary and the Nominated Mining Surveyor shall certify that the survey shown on the plan is accurate and meets the requirements of these Directions.

3.5 Elevation Surveys

- 3.5.1 Order of accuracy of benchmarks:
Such surveys shall be completed to ICSM (2007) SP1 (version 1.7) Class “LD” or Class “D” standards of accuracy.
- 3.5.2 Accuracy of Mine workings:
Such surveys shall be completed to ICSM (2007) SP1 (version 1.7) Class “LE” standard of accuracy or to within 0.1 metre. Where vertical measurement is necessary for transference of the value of the surface bench mark to a nominated underground bench mark, the maximum permissible error should not exceed 0.05 metre.

3.6 Survey Records and Supply of Survey Information

- 3.6.1 Systematic and reasonable care shall be taken by the Nominated Mining Surveyor for the safe preservation of all survey records required under these Directions.
- 3.6.2 Survey records for each of the following purposes shall be kept at the survey office for the mine:
- control surveys
 - subsidiary surveys
 - secondary surveys
 - elevation surveys
 - surface movement and subsidence surveys
- 3.6.3 Such survey records shall be maintained manually in field book or other stable material, electronic text or image or other means not visually perceptible without the aid of a machine or other device. Where a machine or other device is required to access the stored data the Nominated Mining Surveyor shall ensure the data is regularly updated to a media and format that is currently available.
- 3.6.4 Survey records are to be permanently recorded and maintained in accordance with ICSM (2007) SP1 (version 1.7) and these Directions.
- All survey books shall be maintained in good order and shall have the following description clearly and permanently marked on the cover and inside title page:
 - the mine name,
 - for underground mines, the seam name, and record tracing catalogue number to which the book refers,
 - consecutive index number
 - The following procedures shall be adopted for entries into survey books:
 - all survey observations and measurements shall be recorded at the time of survey;
 - in the event of alteration of a mistake there shall be no erasure. The erroneous entry should be struck through and the correction written above;
 - the datum line of the survey and the azimuth adopted shall be clearly indicated;
 - lengths shall be entered at the time they are measured. Where appropriate, corrections shall be noted and the lengths deduced therefrom shall be clearly indicated;
 - bearing and distance from reference marks must be clearly shown; reference marks and bench marks placed by the surveyor shall be so noted and the positions and descriptions thereof shall be shown by a sketch in the appropriate book;
 - lines remeasured shall be so specified and original distances and bearings shown;
 - the Nominated Mining Surveyor shall sign the field book that the work shown therein was performed by the Nominated Mine Surveyor or under the Nominated Mine Surveyor’s supervision and indicate the date on which the work was performed.
- 3.6.5 Where surveys are recorded in electronic form the information to be recorded shall be consistent with that required for survey books (see Section 3.6.4) Survey Records and Supply of Survey Information). A complete and separate duplicate of such records shall be preserved on paper or disc or other permanent electronic medium. Where a machine or other device is required to access the stored data the Nominated Mining Surveyor shall ensure the data is regularly updated to a media and format that is currently available
- 3.6.6 The Nominated Mining Surveyor of any mine, upon the request of the Chief Inspector, shall make available, in a format specified by the Chief Inspector all or any survey records or certified copies thereof.
- 3.6.7 Upon abandonment of a coal operation all survey records relevant to the preparation of the Mine Workings Plan shall be prepared by the Nominated Mining Surveyor for submission to the Department. A guidance document shall be included detailing file structure, formats, descriptions and other necessary information to enable additional end users to interrogate the information. On abandonment these records shall be submitted to the Department for retention unless otherwise directed in writing by the Chief Inspector.

3.7 Requirements where workings are to become inaccessible

- 3.7.1 Before any part of the workings of a mine becomes inaccessible, where reasonable, practical and safe to do so, the position of all points of the workings shall be established from a control, subsidiary, or secondary survey.

- 3.7.2 Sufficient levels shall be taken to enable contours of the floor of the working section to be calculated and shown on the Mine Workings Plan. (See Section 3.5.2 Elevation Surveys)
- 3.7.3 Where inaccessible workings are not surveyed in accordance with these Directions, the Nominated Mining Surveyor may draw upon any available resources of the mine to best locate the inaccessible workings for the purpose of completion of the Mine Workings Plan, with suitable Endorsements.

3.8 Surface Movement and Subsidence

- 3.8.1 Where the Chief Inspector directs, surveys are to be undertaken to record surface movement, including subsidence induced by mining.
- 3.8.2 Such surveys shall be carried out in accordance with the standards set out in these Directions, or as otherwise directed by the Chief Inspector.
- 3.8.3 Such surveys shall be carried out under the supervision of, and certified by, a Nominated Mining Surveyor.
- 3.8.4 All subsidence survey data including field notes is to be kept at the mine in accordance with Section 3.6 (Survey Records and Supply of Survey Information) of these Directions.

3.9 Survey of Boreholes

Boreholes are to be identified by unique name or number and are to be shown on the Mine Workings Plan. Collar and/or commencement locations of Boreholes, are to be established from a control, secondary or subsidiary survey, with both MGA coordinates and AHD levels in accordance with these Directions. The following information will also be recorded, wherever possible, whether from direct survey or other source (i.e.: drillers log, geophysical survey):

- (a) total length (or depth);
- (b) inclination (or declination), and
- (c) plan projection (bearing or azimuth) when other than near vertical.

The Nominated Mining Surveyor shall be satisfied that the holes are accurately recorded and represented on the Mine Workings Plan with regard to mine safety.

3.10 Maintenance of Survey Equipment

- 3.10.1 Survey equipment should be maintained regularly and kept in good adjustment according to the manufactures recommendations.
- 3.10.2 Electronic distance measuring equipment used for Control and Subsidiary surveys should be verified against the State Primary Standard of Measurement of Length, by using pillared test lines, at least once each year and immediately after service and repair in accordance with Surveyor General's Direction No. 5 "Verification of EDM equipment".
- 3.10.3 GNSS equipment used in Mining Surveys should be verified against the Mine Baseline upon acquisition and after any change in software, firmware or hardware.

4. MINE WORKINGS PLAN

4.1 General

4.1.1 Direction

The Mine Workings Plan shall be prepared by or under the direct supervision of the Nominated Mining Surveyor within three months of commencement of the Coal Operation or such other time as the Chief Inspector may direct by notice in writing served on the Operator of the mine.

4.1.2 Updating the Mine Workings Plan

Except where the mine is considered Suspended or Abandoned the Mine Workings Plan must be updated at the end of each Reporting Period. Sufficient surveys must be undertaken to ensure that the mine workings or voids are accurately represented on the Mine Workings Plan in accordance with these Directions.

4.1.3 Composition

- (a) The Mine Workings Plan is prepared from the Seam Workings Sheet or Void Sheet information and other layout data required under these Directions.
- (b) It is compiled by digital methods and produced in Hard Copy and electronic form for presentation, supply and archiving.
- (c) In the case of an underground mine, a Mine Workings Plan shall be compiled on the Seam Workings Sheets for each seam being worked.
- (d) In the case of an Open Cut Mine, the Mine Workings Plan shall be compiled on the Void Sheets.
- (e) The Mine Workings Plan sheets shall be AO size International Standards Organisation and may be orientated in either portrait or landscape direction. A standard (recommended) layout is available from the Department.

4.1.4 Presentation and Archiving – Hard Copy

- (a) A Hard Copy of the Mine Workings Plan should be produced on stable paper or other stable and durable material depending on the requirements of these Directions.
- (b) The Hard Copy will comprise all sheets on which workings have occurred.

4.2 Seam Workings Plans and Void Plans

- (a) The underground mine workings or open cut voids shall be mapped on Seam Workings Plans or Void Plans, respectively, for the whole of the mine workings area of a mine.
- (b) The Seam Workings Plans and Void Plans shall be compiled from the Mine Workings Spatial Information and other digital themes as necessary to truly represent the survey of the mine as required by these Directions.

4.3 Seam Workings Sheets and Void Sheets

- (a) The Seam Workings Sheets and Void Sheets shall be compiled from the Seam Workings Plan and Void Plan, respectively, at a reduction ratio of 1:4000 with sufficient sheets to cover the extent of the mine workings and necessary adjacent workings. In the case where such a scale limits the clarity, sheets at a reduction ratio of 1:2000 may be used.
- (b) The Seam Working Sheets and the Void Sheets shall be sized to fit the mapping area of the Mine Workings Plan sheets. The mapping area will be 750 mm x 625 mm with grid lines at 125 mm x 125 mm intervals.
- (c) Full lines are to be shown for the Map Grid of Australia commencing at the lower left corner of the mapping area. The extremities of each grid line shall be annotated with the grid value.

4.4 Preparation of Mine Workings Plan**4.4.1 Mine Workings Spatial Information.**

For the preparation of the Mine Workings Spatial Information the following, unless otherwise required by these Directions, shall be compiled, as minimum information in the form of digital themes, for each Seam Workings Plan or Void Plan.

4.4.1.1 Themes – General

- (a) Adjacent Mine Workings – an outline of all mine workings in any seam in any direction within 100 metres of the current seam being worked.
- (b) Adjacent Seam Workings – all mine workings (including other mines) in the seam being mined within 100 metres of the current workings.
- (c) Barriers and Restricted Zones
- (d) Borehole Locations
- (e) Boundary Control Marks
- (f) Cadastral Parcels – (State if LPINSW DCDB is used).
- (g) Colliery Holding Boundary
- (h) County Boundary
- (i) Emplacement Areas
- (j) Grid Lines
- (k) Highwall Mining/ Auger Mining
- (l) Coal Operation Boundary
- (m) Mining Approvals/ Acceptances (extent to be shown in red)
- (n) Mining Lease Boundaries.
- (o) Parish Boundaries
- (p) Potential Sources of Inrush (to be shown outlined in green)
- (q) Prescribed Dams
- (r) Survey Control Stations including Bench Marks
- (s) Surveyed Geofeatures – all known outcrops, subcrops, faults, dykes, cinder belts, and other significant dislocations to the seam, as surveyed.
- (t) Mine Workings Outline – an outline of the mine workings.

4.4.1.2 Themes – Underground Mines (Seam Workings Plans)

- (a) First Workings
- (b) Mine Underground Access – mine shafts, staple shafts, adits, and drifts
- (c) Second Workings
- (d) Date Lines (dashed) indicating the extent of workings for each survey Reporting Period
- (e) Underground Auger Areas
- (f) Working Section Floor Contours (as calculated from spot heights and shown in blue)

4.4.1.3 Themes – Open Cut Mines (Void Plans)

- (a) Void Contour
- (b) Void Detail Line
- (c) Void Point

4.4.2 Mine Workings Plan layout information**4.4.2.1 In the sheet heading area:**

- (a) The name of the Mine.
- (b) The Mine Workings Plan Catalogue Number (RT catalogue number).
- (c) The Parish and County names.

- (d) The name of the Seam or Seams being represented for Underground or the “void” for Open Cut.
 - (e) The name of other mine workings known to have been extracted in that sheet area, together with the RT catalogue number for those workings (see Section 4.10).
 - (f) The number of the sheet within the sheet index that make up the coal operation.
- 4.4.2.2 In the map surround area:
- (a) The reduction ratio and a graphical (bar) scale together with a statement that all measurements are in metres,
 - (b) A north point indicating grid north,
 - (c) A schedule of symbols used on the particular sheet,
 - (d) A sheet index showing:
 - (i) All the sheets necessary to cover the colliery holding
 - (ii) The number of each sheet
 - (iii) An outline of the Colliery Holding
 - (iv) The particular sheet shown by a heavy outline
 - (v) Outline of mine workings
 - (e) For underground Mines, a section of the seam identifying the Working Section appropriately symbolised, named and the section location identified by coordinates. Additional sections may be shown if the Seam thickness or Working Section varies significantly or the Seam is affected by intrusions, sills or stone bands.
 - (f) A section of the stratum from the surface to the basal seam, appropriately symbolised, seams named and section location identified by coordinates,
 - (g) A schedule of Endorsements made by the Nominated Mining Surveyor.
 - (h) A schedule of second working, barrier penetration or open cut approvals granted by the Minister, Mining Operation Plans (MOPs) accepted by the Department.
 - (i) A statement or schedule certifying the accuracy of the sheet, including:
 - (i) The name and signature of the Nominated Mining Surveyor
 - (ii) The certifying surveyor’s BOSSI Identification Number
 - (iii) The date of Certification
 - (j) The origin of levels and the grid bearing and terminal survey stations of the Mine Baseline or survey control marks used for surveys within the sheet.
 - (k) MGA Zone.
 - (l) For underground mines, a schedule or schedules of survey marks and Bench Marks containing their identification, coordinates and height.
 - (m) For underground mines, a schedule of shafts, drifts, Boreholes, staple shafts and bins, with coordinates and heights of the commencing and finishing locations.
 - (n) A schedule of Boreholes showing coordinates and heights of the collar or starting location together with the general direction, inclination and length.
- 4.4.2.3 in the mapping area
- The Mine Workings Digital Themes and sufficient detail in the form of annotation to identify the characteristics of type, name, dislocation or status should be shown together with the following detail:
- (a) For underground mines panel names and sufficient heading and cut through numbers (or letters) to identify the numbering system.
 - (b) The position of all Boreholes within that sheet or
 - (i) Where it is not practical to show all Boreholes on the seam workings sheet, a separate "Borehole Plan", which shall become part of the Mine Workings Plan, shall be produced as an overlay.
 - (ii) a reference on the Seam Workings Sheet is required to indicate the existence of any Borehole Plan sheet.
 - (iii) All Boreholes should be identified as to type and name and their current status (e.g. open, sealed, capped).
 - (iv) Where Boreholes are drilled in adjacent strata sufficient reduced levels should be shown to indicate their position.
 - (v) Any Borehole that is removed by the mining process or is in the void is not required to be shown. Remnant stubs of these holes, however, which may present a hazard to future mining operations, must be shown.
 - (c) For underground mines the date and the initial of the Nominated Mining Surveyor in the location corresponding to the position of the workings at the end of the survey Reporting Period in the format provided by AS4368.
 - (d) For underground mines, contour lines of the floor of the working section are to be at each one (1) metre, two (2) metre or five (5) metre interval whichever predominantly provides contour representation on the Seam Workings Sheet.

- (e) Outline of limits of highwall mining and augering. The maximum extent of this mining in the seam is to be shown and identified. Approximate levels into the extremity of highwall mining and augering are to be shown every fifty (50) metres.
- (f) The position of:
 - (i) the top water level of any dam containment prescribed under The Dams Safety Act 1978
 - (ii) the Notification Area of the prescribed dam as notified under Section 80 of the Mining Act 1992.
- (g) Emplacement areas.
- (h) The position of any approved areas, barriers, protective pillars or restrictive zones to be left in the seam pursuant to:
 - (i) the provisions of the Coal Mine Health and Safety Act 2002,
 - (ii) any leases in force granted or deemed to have been granted under the Mining Act 1992
 - (iii) a condition of any approval, consent direction or concurrence given in accordance with the provision of the aforesaid Acts or Leases.
- (i) Coal Operation Boundaries.
- (j) Cadastral information in background line type.
- (k) For open cut mines, contour lines at five (5) metre vertical intervals of the void.

4.5 Additional Information

- 4.5.1 Nothing in these Directions shall prevent the inclusion of any additional information on the Mine Workings Plan providing it is shown in a manner consistent with these Directions.
- 4.5.2 The Nominated Mining Surveyor shall show on the Mine Workings Plan any additional information as directed in writing by the Chief Inspector.
- 4.5.3 Any additional information discovered by or indicated to the Nominated Mining Surveyor which may present a hazard either to the mine, adjacent mines or persons in those mines should be recorded on the Mine Workings Plan.

4.6 Endorsement

Where any information shown on the Mine Workings Plan is considered to be in doubt or any other information that the Nominated Mining Surveyor considers requires Endorsement, the Mine Workings Plan shall be suitably endorsed.

4.7 Old Workings/Surveys

Where old surveys or old workings are converted to GDA 94/MGA94 such conversion shall be suitably endorsed on the Mine Workings Plan.

4.8 Certification

- 4.8.1 The Hard Copy of the Mine Workings Plan shall be certified by the Nominated Mining Surveyor in the Certification of Accuracy schedule after the most recent Reporting Period has been charted.
- 4.8.2 The Nominated Mining Surveyor shall, by signing and dating the Certification of Accuracy schedule declare for their period of nomination that:
 - (a) the Mine Workings Plan has been prepared in accordance with these Directions, and,
 - (b) the surveys shown on the Mine Workings Plan have been completed to an accuracy as prescribed in these Directions.

4.9 Certification History

The Mine Workings Plan shall have recorded in the Certification of Accuracy schedule the certification details for each period of nomination.

4.10 Catalogue Number

The Department's Record Tracing cataloguing system shall continue for each Mine according to a unique number identification system prefixed by the letters 'RT'. This unique number is to be clearly identified on the Mine Workings Plan or any copy thereof.

5. MINE WORKINGS SPATIAL INFORMATION

This section refers to the preparation, composition and supply of the Mine Workings Spatial Information as a digital file.

5.1 Preparation

- 5.1.1 The Mine Workings Spatial Information shall be prepared by or under the supervision of the Nominated Mining Surveyor.
- 5.1.2 The Mine Workings Digital Themes shall be prepared to the standards required by Section 9 of these Directions.
- 5.1.3 All Mine Workings Digital Themes shall be kept at the survey office for the mine.

5.2 Composition

The Mine Workings Spatial Information shall be digital files of the Mine Workings Digital Themes for the whole of the mine. Digital files may be in 2D or 3D format that are compatible with the Department's ESRI Geodatabase.

5.3 Supply

- 5.3.1 The Digital File shall be supplied on a CD-R (Compact Disc – Read only) and shall be submitted to the Secretary at the end of each Reporting Period to coincide with the preparation of the Hard Copy to be kept at the mine.
- 5.3.2 The following Mine Workings Digital Themes are the minimum number of themes to be supplied, as appropriate to each Mine:
- (a) Coal Operation Boundary
 - (b) First Workings
 - (c) Second workings
 - (d) Highwall/Auger mining
 - (e) Mining Lease boundaries
 - (f) Mine Underground Access
 - (g) Mine Workings Outline
 - (h) Underground Auger Areas
 - (i) 3D – Void Contours
 - (j) 3D – Void Detail
 - (k) Working Section Floor Contours
- 5.3.3 The following information will be recorded on the label of the CD-R with a permanent marking pen:
- (a) The name of the Coal Operation
 - (b) The RT catalogue number for the associated Mine Working Plan
 - (c) The name and signature of the Nominated Mining Surveyor
 - (d) The certifying Nominated Mining Surveyor's BOSSI Identification Number
 - (e) The date of Certification
 - (f) Disk Name and Reporting Period

5.4 Certification

The Nominated Mining Surveyor shall, by signing and dating the CD-R, declare that the Mine Workings Digital Themes contained on the CD-R, were used in the preparation of the Mine Working Plan for that Reporting Period.

6. CLOSING PLANS

6.1 Authorisation

Clause 64 (1) (b) and (c) of the Regulation as required by Section 79 of the Act.

6.2 Suspension of Operations

Where a Mine or Seam therein has not been worked for a period of 2 months the owner of the Mine shall have the Mine Workings Plan charted and shall send a copy to the Secretary in accordance with these Directions.

6.3 Charting for Suspension of Operations

These procedures are to be followed in the case of the suspension of a mine or seam:

- 6.3.1 The Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor to the date of suspension. The Nominated Mining Surveyor shall place a broken line around the extent of the workings, which shall be dated and initialled.
- 6.3.2 The note "Charted to date of Suspension of Operations" is to be shown in the "Schedule of Certification of Accuracy" above the date and the Nominated Mining Surveyor's signature.

6.4 Charting for Abandonment

These procedures are to be followed in the case of the abandonment of a mine or seam:

- 6.4.1 The Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor to the date of Abandonment. The Nominated Mining Surveyor shall place a broken line around the extent of the workings, which shall be dated and initialled.
- 6.4.2 The note "Charted to date of Abandonment of Operations" is to be shown in the "Schedule of Certification of Accuracy" above the date and the Nominated Mining Surveyor's signature.

6.5 Cessation of Duties of the Nominated Mining Surveyor

- 6.5.1 Upon permanent cessation of duties of the Nominated Mining Surveyor the Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor. The Nominated Mining Surveyor shall show the date of the workings at the time of cessation in a similar manner to that of the normal survey Reporting Period.
- 6.5.2 The note 'Charted to date of Cessation of duties of the Nominated Mining Surveyor' is to be shown in the 'Schedule of Accuracy' above the date and the Nominated Mining Surveyor's signature.

- 6.5.3 The Nominated Mining Surveyor shall by signing and dating the Certification of Accuracy schedule declare for their period of nomination including that period from the last Reporting Period until the date of cessation of duty that:
- The Mine Workings Plan has been prepared in accordance with these Directions; and
 - The surveys shown on the Mine Workings Plan have been completed to an accuracy prescribed in these Directions.

6.6 Replacement of Operator

- 6.6.1 When an operator is to cease to operate a coal operation and is to be replaced by another operator, the outgoing operator must update the mine workings plan and provide the updated plan to the incoming operator.

Note: Clause 140 of the Regulation sets out this requirement.

7. SUPPLY OF MINE WORKINGS PLAN AND MINE RECORD TRACING

7.1 Period Supply

- (a) The Mine Record Tracing (a certified copy of the Mine Workings Plan) shall be supplied to the Secretary in Hard Copy form for each Reporting Period (within 1 month of the end of each Reporting Period).

Note: Clause 139 of the Regulation sets out this requirement.

- (b) The Nominated Mining Surveyor shall advise the Secretary that the Mine Record Tracing has been sent from the mine and by what means of transport.
- (c) The Secretary shall advise the Nominated Mining Surveyor within 7 days of receipt that the Mine Record Tracing has been received.
- (d) Hard Copies of the Mine Record Tracing shall be kept safe and secure by the Secretary and made available for examination as required.

Note: Clause 141 of the Regulation sets out this requirement.

- (e) The Nominated Mining Surveyor shall archive the current copy as Hard Copy, plot file, or electronic image.

7.2 Supply on Suspension and Abandonment

- 7.2.1 Where a Mine or Seam has been Suspended, the Mine Workings Plan shall after charting by the Nominated Mining Surveyor be supplied to the Secretary, in Hard Copy form, within one (1) month of such suspension, unless otherwise advised by the Secretary

- 7.2.2 Where a Mine or Seam has been Abandoned, the Mine Workings Plan shall after charting by the Nominated Mining Surveyor to be supplied to the Secretary, in Hard Copy form, within one (1) month of such abandonment, unless otherwise advised by the Secretary.

- 7.2.3 After the Secretary is satisfied that the charting requirements have been met the Mine Workings Plan, the Mine Workings Spatial Information and all survey records required to be kept under these Directions, are to be forwarded, by a date specified by the Secretary, to the Department for preservation.

7.3 Supply on Cessation of Duties of a Nominated Mining Surveyor

At the time of cessation of duties, and after Certification has taken place, the Nominated Mining Surveyor shall produce, a Hard Copy of the Mine Workings Plan and a copy of the Mine Workings Spatial Information on CD-R for retention at the office for the mine.

The outgoing Nominated Mining Surveyor, with the consent of the mine owner, should take a Hard Copy of the sheets for his own record.

The incoming Nominated Mining Surveyor should make a Hard Copy of the sheets for a record of commencement of work.

7.4 Exemption

Under special circumstances, the operator of a mine may apply to the Secretary for an exemption from the requirement to supply the Mine Workings Plan or Mine Record Tracing in accordance with these Directions. In granting exemption the Secretary may direct in writing any other requirement for the supply of the Mine Workings Plan.

Exemption from other requirements of these Directions must be sought from the Surveyor-General

7.5 Extension of Time

The Secretary may, should the circumstances so warrant, grant an extension of time for the preparation of the Mine Workings Plan and supply of the Mine Record Tracing.

8. OTHER PLANS

Nothing shall prevent the Nominated Mining Surveyor from combining one or more of the following plans provided legibility of the combined plan is retained. All such plans should be prepared generally in accordance with these Directions and should be certified and endorsed, as required, by the Nominated Mining Surveyor or appropriate mine official as described in Section 8.13 (Declaration) of these Directions.

8.1 Plans required under Clause 88 of the Regulation

Clause 88 of the Regulation requires plans to be lodged as part of the written report for Minister's approval for all mining methods other than the bord and pillar system in underground coal mines. These plans should be prepared in accordance with the current Guidance Notes. Plans prepared under the Guidance Notes shall be prepared in accordance with the standards required by these Directions. All such plans will be Certified by the Nominated Mining Surveyor and suitably endorsed where necessary.

Note: The Department publishes Guidance Notes for applications under Clause 88 of the Regulation.

8.2 Subsidence Management Plans

Subsidence Management Plans are required by mining lease conditions and are to be prepared in accordance with the Department's Guideline. Plans prepared under the Guideline shall be prepared in accordance with the standards required by these Directions. All such plans will be Certified by the Nominated Mining Surveyor and suitably endorsed where necessary.

Note: The Department publishes Guidelines for Applications for the Subsidence Management Plan process under the Mining Act 1992

8.3 Plans Required for Approval for Highwall/ Auger Mining

These plans should be prepared in accordance with the Department's Guideline and generally in accordance with the standards required by these Directions. All such plans will be Certified by the Nominated Mining Surveyor and suitably endorsed where necessary.

Note: The Department publishes Guidance Notes for high wall mining applications under the Mining Act 1992

8.4 Ventilation Plan (Underground Mines)

The ventilation plan shall be compiled generally in accordance with these Directions at a scale of not less than 1:5000. The plan shall show stoppings, trapdoors, regulators, seals, prepared seal sites, overcasts, air crossings, ventilation doors, the direction and nature of ventilation, auxiliary fans, booster fans and air reading stations with air quantity, in relation to the mine workings. The plan will also show the locations of fixed gas monitoring plant as required by Clause 18 (1) (a) of the Regulation (Monitoring Arrangements).

A legend will be shown on the plan depicting symbols used together with a graphical representation of the scale.

This plan is to be updated monthly.

Note: Clause 138 of the Regulation includes provision in paragraph (2) (b) (ii) for a ventilation plan for underground mines.

8.5 Fire Fighting Plan (Underground Mines)

A Fire fighting Plan is to be prepared for all underground parts of an operation. The Fire fighting Plan shall be compiled generally in accordance with these Directions at a scale not less than 1:10,000. The plan shall show positions in which pipe mains, hydrants, isolation valves, fire substations and fire depots are situated. This plan will also show the position of stoppings, trapdoors, regulators, seals, prepared seal sites, overcasts, air crossings, ventilation doors, belt conveyors, main electric supply cables, fixed electrical apparatus, high voltage cables and switchgear, telephones and the direction of ventilation in the roadways.

The plan is to be updated in accordance with the Regulation, at least once every 3 months and as often as it becomes out dated, defaced or destroyed.

Note: Clause 48 of the Regulation sets out this requirement.

8.6 Escape and Rescue Plan (Underground Operations)

The Escape and Rescue Plan shall be compiled generally in accordance with these Directions at a scale not less than 1:10,000. This plan shall show main roads, the means of egress from each part of the mine to the surface, all self-escape systems and all underground telephone stations, in relation to the mine workings. This plan shall also show main access roads, the means of egress from each part of the mine to the surface, all self-escape systems, the positions of First Aid Stations, underground telephone stations, belt conveyors, any gas drainage mains and branches, known falls, accumulations of water, stowage identified as non-passable. The plan shall also show any information from the fire fighting plan and the ventilation plan or any additional information identified as necessary for the dealing with an emergency at the operation.

The plan is to be displayed and updated in accordance with the Regulation, at least once every 3 months and so often as it becomes out dated, defaced or destroyed.

Note: In accordance with the Clause 47 of the Regulation, an Escape and Rescue Plan is to be prepared for all underground parts of an operation

8.7 Emergency Management System

A plan shall be kept at the mine for the purpose of an emergency management system as determined by the mine. The plan may be a duplicate of another plan or a compilation of more than one plan. The emergency plan shall be compiled generally in accordance with these Directions and produced in Hard Copy at a suitable scale.

This plan shall be kept up-to-date.

Note: Section 47 of the Act prescribes this requirement.

8.8 Surface Plan

A surface plan is to be kept at the mine. The Surface plan shall be of a scale of not less than 1:4000 and shall cover the areas where mining operations have been or are being carried out and construction zones as required by Clause 87 of the Regulation. Topography may be shown if it adds to the interpretation of the plan. Compilation shall be generally in accordance with these Directions and the plan may be maintained as spatial information.

In the case of an Underground Mine, the Surface Plan shall show all streets, roads, reservoirs, swamps, water bodies, unconsolidated surface deposits, railways, main pipelines and any other feature whether of the same or of a different kind which, if disturbed by mining operations, is likely to cause damage to or danger in the mine.

In the case of an Open Cut Mine, the Surface Plan shall show all streets, roads, reservoirs, swamps, water bodies and any other permanent feature whether of the same or of a different kind which, if disturbed by mining operations, is likely to cause damage to or danger in the open cut workings.

This plan shall be updated as often as it becomes necessary.

Note: Clause 138 (2) (b) (iii) of the Regulation sets out this requirement.

8.9 Site Services Plan

The site services plan shall be at a suitable scale. Compilation shall be generally in accordance with these Directions and the plan may be maintained as spatial information.

This plan should show only surface improvements and infrastructure that are part of the mine, including but not limited to: buildings including administration, bathhouse and workshops, mine access points (portals, shafts, ramps); mine access roads including parking areas; coal preparation plants and stockpiles; power reticulation including sub stations; water reticulation; compressors and compressed air reticulation; gas reticulation; sewer mains, treatment plants and transpiration areas; telephone and other communications lines; magazines including buffer zones; fire fighting equipment including fire stations, hydrants, extinguishers, depots; hazardous materials locations; dams and surface drainage; Boreholes which can be used for gas testing, and any information which may assist in the case of an emergency. Topography may be shown if it adds to the clarity and understanding of the plan.

This plan shall be updated as often as it becomes necessary.

8.10 Emplacement Areas

Section 100 of the Act requires the approval of the Minister prior to establishment of any emplacement area. Plans prepared in support of any such application to the Minister shall be prepared in accordance with the current Guidance Notes and comply with the standards required by these Directions. The plan shall be certified and suitably endorsed by a Registered Mining Surveyor.

Note: The REMP process under the Mining Act 1992 captures ongoing management of emplacement areas

8.11 Rehabilitation and Environmental Maps

The Rehabilitation and Environmental Management Plans are required by mining lease conditions and are prepared in accordance with the Department's Guidelines. Any maps required are to be prepared under these guidelines in accordance with the standards required by these Directions. All such maps will be certified by the Registered Mining Surveyor and suitably endorsed where necessary.

Note: The Department publishes Guidance Notes for applications of the Rehabilitation and Environmental plans process under the Mining Act 1992

8.12 Plan Standards – General

Any plan (including, where appropriate, plans subject to these Directions) required to be drafted by the Nominated Mining Surveyor for purposes of the mine, should be prepared in accordance with the relevant Australian Standard – in particular, but not limited to, AS4368 and AS2916.

8.13 Declaration

A plan referred to in Section 8 (Other Plans Required) of these Directions shall have an appropriate area on the plan allocated for Certification by the Manager of Mining Engineering and/or Nominated Mining Surveyor as appropriate for information on that plan. Such certification shall indicate the origin of the information and that the information shown on the plan is truly represented.

9. STANDARDS FOR THE PREPARATION OF MINE WORKINGS DIGITAL THEMES

9.1 General

These Directions require that the Mine Workings Plan be prepared using the Mine Workings Digital Themes as described in Section 4.4 (Preparation of Mine Working Plan) of these Directions.

The aim of this Section 9 is to provide standard methods for the construction and preparation of the Mine Workings Digital Themes. This section identifies how each theme should be represented graphically and the attribute information that should be included to describe each featured object in the theme.

This section also identifies other supporting information that is required to be submitted to the Secretary on the CD-R as provided for in Section 5.2 (Composition) of these Directions.

9.2 Theme Attribute Names and Definitions

9.2.1 Table 9.2 Identifies attribute names and definitions that must be used for all Mine Workings Digital Themes. Attribute names are not to exceed ten characters in length. All theme names and attribute names can be in either title case or lowercase, and individual attribute values may be expressed in upper or lower case. Underscores must be used to join multiple words as gaps are not permissible. Attribute names and format must be consistent with those shown in Table 9.2.

9.2.2 Attribute Values; It is required, where possible, to use standard attribute values. This will allow the Department and other users of the themes to develop standard enquiries through their GIS software. Values for all attributes are required to be attached for all objects in the theme.

All themes are to be prepared using the database format specified in Table 9.2.

Numbers with decimal values should be stored as floating number.

All other numbers should be stored as integers or characters.

9.3 Theme Attribute Allocation and Feature Type

All objects in a theme must have attributes attached and be of the same feature type (e.g. point, line, or polygon). Each theme required is listed in Table 9.3 with corresponding attributes and feature types that must be used to represent the theme spatially.

In some instances a Mine Workings Digital Theme may need to be represented by more than one theme. For example, Borehole Locations would normally be points for vertical boreholes and lines for horizontal or inclined boreholes. Where multiple shapes are to be used to represent a theme, and a separate theme is created, attribute fields must be consistent with that particular Mine Workings Digital Theme.

9.3.1 Theme Attribute Categories

Mine Workings Digital Themes attributes are divided into three categories. The attribute categories are as follows and the attribute names for each category are identified in Table 9.3.

- (a) Core attributes are those attributes that are common to all the themes and include such attributes as mine name, RT number (catalogue number), date the theme data was charted to, and the person charting the theme data to the Mine Workings Plan.
- (b) Additional attributes are those attributes that are unique to a particular theme or maybe common to several themes. Attributes that are common to several themes may include seam name, type of workings and when the workings were driven or mined.
- (c) Metadata attributes are attributes that are required to be attached to the themes only when they are written to the CD-R for submission to the Secretary in accordance with these Directions. These attributes include the theme name, the identifying name of the CD-R from which the theme originates, the file name of the theme on the CD-R, the date on which the CD-R was provided to the Department and the name of the Nominated Mining Surveyor providing the CD-R.

9.4 File Naming Convention

Table 9.4 identifies the specific filename that must be used for each Mine Workings Digital Theme that is to be written to the CD-R for submission to the Secretary in accordance with these Directions.

9.5 Metadata Statements

A metadata statement for the Mine Workings Digital Themes must be included and written onto the CD-R when it is submitted to the Secretary in accordance with these Directions. The metadata statement must be in Adobe Acrobat (.pdf) format and in the form identified in Table 9.5. Metadata statements must be given a filename indicating mine name, RT number and date.

The metadata statement should include information such as version date, custodian name, coordinate system, accuracy, potential limitations for data use, definitions of any codes used within the dataset and any other information about the data that is not evident in the attributes attached to the theme.

The completed metadata statement must be disseminated with the dataset that it describes. It may be one document sectionalised for each Mine Working Digital Theme or a separate document for each theme. Where two or more themes or a group of themes have the same metadata, a single metadata statement may be prepared that clearly lists all themes relating to the statement.

9.6 File Format

All Mine Workings Digital Themes that are to be submitted to the Secretary in accordance with these Directions and be submitted as shapefiles

The shapefile format consists of three or more files with the following file extensions

- .shp – The main file that stores the feature geometry; required.
- .shx – The index file that stores the index of the feature geometry; required.
- .dbf – The dBASE table that stores the attribute information of features.
- .sbn and.sbx (optional) – The files that store the spatial index of the features.
- .prj (optional) – The file that stores the coordinate system information.

9.7 Date

Date attributes are to be in database format 'character' and be in the form "dd/mm/yyyy" where date of workings are accurately known, general format "month year" (May 2006) or as a time period (1950-2000 or pre 2000) when the charted period cannot be accurately shown.

9.8 Precision

Spatial themes should be provided in the best available precision.

9.9 Seam abbreviations

The Department maintains a list of official seam name abbreviations. Dataset seam names must be consistent with this list.

9.10 Preparation of Additional Themes

In the event that additional themes are to be submitted with those required by these Directions the attributes, the attribute names and formats should be consistent with this Section 9 of the Directions.

9.11 Preparation of Additional Attributes

In the event that additional attributes are required for a theme, the attributes and their formats should be developed consistent with this Section 9 of the Directions.

Nominated Mining Surveyors are encouraged to create additional attributes that will assist in the preparation and supply of the Hard Copy and in support of safe mining operations.

TABLE 9.2
Theme Attribute Names and Definitions

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Accuracy	Class of survey	Character	50	Chartor determined		
Adj_RT_No	MRT Catalogue Number for the adjacent mine relating to the feature	Character	10	Department Trade & Investment, Resources & Energy Division determined	RT76	
Adjustment	reference to adjustment file	Character	20	Chartor determined		
App_date	Date of approval or acceptance	Character	10	Chartor determined		
App_id	Name of approval	Character	30	Chartor determined		
App_type	Type of approval	Character	30	Chartor determined		
Azimuth	Not used if borehole is vertical	Character	20	Chartor determined		
Barr_date	Date the barrier originated	Character	10	Chartor determined	23/05/1974	
Barr_type	Type of barrier	Character	100	Chartor determined	Colliery holding	
Bdy_name	Name of the coal operation boundary	Character	50	Chartor determined		
Bdy_type	Type of boundary	Character	50	Chartor determined		
Bhole_diam	Borehole diameter in millimetres	Character	10	Chartor determined		

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Bhole_name	Name of borehole	Character	20	Chartor determined		
Caution	Warning on use of theme	Character	254	Compulsory and must be in the form described in the options list and included in the Metadata Statement	This theme should not be read in isolation. It is one of many themes that comprise the Mine Workings Plan. The MRT held by the Secretary is the true record of the mine workings.	
Chart_date	Date the feature was inserted into the theme	Character	10	Chartor determined	30/06/2010	
Chartor	Surveyor inserting the feature into the theme	Character	50	Chartor determined	Joe Bloggs	
Code_no	AS 4368 code number	Character	20	Chartor determined		
Collar_rl	Height of the collar of the borehole (AHD)	Character	20	Chartor determined		
Cont_type	Contour type	Character	30	Select from Options List		Seam floor, Void floor
County_id	Name of county	Character	50	Chartor determined		
Dam_name	Name of prescribed dam	Character	100	Chartor determined		
Date_work	Date workings were driven or extracted	Character	50	Chartor determined	30/11/2005	
MAR2005						
Pre 2000						
Dept_file	Department file number	Character	20	Chartor determined		
Depth	Total depth or length of the borehole (metres)	Character	10	Chartor determined		
Descript	Description of feature and/or theme.	Character	100	Chartor determined		
Dip	Overall dip of the feature	Character	10	Chartor determined		
Direction	Direction expressed as a bearing and in decimal degrees	Character	20	Chartor determined		
Disk_name	CD-R identifier	Character	50	Provider determined	RT371_0909	

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Displace	Displacement of Fault (metres) and direction of Down Throw (dec. degrees)	Character	20	Chartor determined		
Easting	Easting in MGA 94	Floating Integer	10.3	Chartor determined		
Emplc_id	Emplacement area name	Character	50	Chartor determined		
Emplc_type	Emplacement area type	Character	50	Chartor determined		
End_date	End date of approval – if applicable	Character	10	Chartor determined		
Endorse	Feature status	Character	254	Chartor determined		
Entry_dim	Diameter or width by height of entry (metres)	Character	20	Chartor determined		
Entry_name	Name of entry	Character	50	Chartor determined		
Entry_type	Type of entry	Character	50	Select from Options List		Drift portal, Shaft, Tunnel, Ventilation shaft – Upcast, Ventilation Shaft – Downcast, Adit, other
Feat_type	Type of geological feature	Character	50	Chartor determined		
Field_note	Reference to Field Book	Character	50	Chartor determined		
File_date	CD-R date	Character	10	Provider determined	30/06/2010	
File_name	Theme file name	Character	50	Provider determined		
Finish_rl	Height of the finish of the borehole (AHD)	Character	20	Chartor determined		
Grid_value	Easting or northing value of the grid line	Character	20	Chartor determined		
Height	Height (AHD)	Character	20	Chartor determined		
Holding	Colliery holding name	Character	50	Chartor determined		
Initials	Surveyor's initials	Character	10	Chartor determined		
Inrush_id	Name to identify inrush control zone	Character	100	Chartor determined		

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Inrush_type	Inrush risk type	Character	100	Chartor determined		
Land_tag	Cadastral parcel identifier – LPI format	Character	50	Chartor determined		
Mark_id	Boundary corner mark identifier	Character	20	Chartor determined		
Mark_type	Type of boundary corner mark	Character	50	Chartor determined		
Mine_name	Name of the coal operation relating to the MWP	Character	50	Department Trade & Investment, Resources and Energy Division and Chartor determined	Acme Colliery	
Northing	Northing in MGA 94	Floating Integer	11.3	Chartor determined		
Operator	Operator Name	Character	50	As nominated by Colliery Holder	Bloomfield Collieries Pty Ltd	
Parish_id	Name of Parish	Character	50	Chartor determined		
Plan_catno	Survey plan catalogue	Character	20	Department Trade & Investment, Resources and Energy Division determined	M27000	
Plantype	Type of cadastral parcel – LPI format	Integer	10	Select from Options List		Refer to LPMA metadata accompanying DCDB.
Portion_no	Mining portion	Character	100	Department Trade & Investment, Resources and Energy Division determined	ML20	
Pres_date	Date that dam was prescribed	Character	10	Chartor determined		
Provider	Nominated Mining Surveyor signing the CD-R	Character	50	Provider determined		
RT_No	RT Number	Character	10	Department Trade & Investment, Resources & Energy Division determined	RT123	Refer to Department website for Registration of Mine Name and Mine Record Tracing Number

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Seam_name	Name of the seam relating to the feature	Character	30	Select from Department Trade & Investment, Resources & Energy list	Bayswater	
Source	Where the feature was sourced.	Character	50	Select from Options List		Mine survey, Other survey, Digitised, CAD drawn, Calculated, Coordinate entry, Mine records, Department records, Mining lease, Planning Approval, Mining Approval, other
Station_id	Name of survey station	Character	20	Chartor determined		
Status	Status of Feature	Character	50	Select from Options List		Working, Suspended, Discontinued, Abandoned, Current, Final, Destroyed, In progress, Temporary, Sealed, Open, Adopted by mine, Adopted by NSW Trade R&E, Flooded, Indicated, Inferred
Surv_date	Date of survey	Character	10	Chartor determined		
Theme_name	Mine Working Digital Theme name	Character	50	Provider determined		
Title_name	Mining lease identifier	Character	30	Department Trade & Investment, Resources and Energy Division determined		
Type	Type of control station	Character	50	Chartor determined		
Width	Width of feature	Character	20	Chartor determined		
Work	Type of mine workings	Character	50	Select from Options List	First workings	First workings, Second workings, Workings outline, Void detail, Void outline, Adjacent workings outline, Adjacent first workings, Adjacent second workings, Surface highwall workings, Surface auger workings, Underground auger workings

TABLE 9.3
Theme Attribute Allocation and Feature Type

Theme Name	Sub Theme	Feature Type	Attribute Category		
			* Core Attributes	Additional Attributes	** Metadata Attributes
* Core Attributes are: Mine_name, RT_No., Chart_date, Status, Source, Endorse, Chartor and Descript					
** Metadata Attributes are: Theme_name, Disk_name, File_name, File_date, Caution and Provider					
Adjacent Mine Workings	Partial Outline	Line	All	Seam_name, Work	All
	Full Outline	Polygon			
Adjacent Seam Workings	First Workings	Line	All	Seam_name, Work	All
	Second Workings	Polygon		Seam_name, Work	
Barriers & Restricted Zones		Polygon	All	Seam_name, Department Trade & Investment, Resources & Energy_file, Barr_type, Barr_Date	All
Borehole Locations	Vertical Boreholes	Point	All	Seam_name, Easting, Northing, Azimuth, Bhole_date, Bhole_name, Code_no, Collar_rl, Finish_rl, Depth,	All
	Horizontal/Inclined Boreholes	Line	All	Seam_name, Easting, Northing, Azimuth, Dip, Bhole_date, Bhole_name, Code_no, Collar_rl, Finish_rl, Depth	All
Boundary Control Marks		Point	All	Easting, Northing, Mark_id, Mark_type	All
Cadastral Parcels		Polygon	All	Land_tag, Plan_type	All
Coal Operation Boundary		Polygon	All	Seam_name, Holding, Operator	All
Colliery Holding Boundary		Polygon	All	Seam_name, Holding	All
County Boundary		Polygon	All	County_id	All
Date lines		Polygon	All	Seam_name, Date_work, Initials	All
Emplacement Areas		Polygon	All	Emplc_id, Emplc_type	All
First Workings		Line	All	Seam_name, Date_Work, Work	All
Grid Lines		Line	All	Grid_value	All
Highwall/Auger Mining		Polygon	All	Seam_name, Date_Work, Work	All
Mining Approvals		Polygon	All	Seam_name, Department Trade & Investment, Resources & Energy_file, App_id, App_type, App_date, End_date	All
Mining Lease Boundaries		Polygon	All	Seam_name, Holding, Portion_no, Title_name, Plan_catno	All
Mine Underground Access		Polygon	All	Seam_name, Easting, Northing, Azimuth, Dip, Entry_type	All

Theme Name	Sub Theme	Feature Type	Attribute Category		
			* Core Attributes	Additional Attributes	** Metadata Attributes
Mine Workings Outline	Workings extents	Polygon	All	Seam_name, Work	All
	Void extents				
Parish Boundaries		Polygon	All	Parish_id, Bdy_type	All
Potential Sources of Inrush		Polygon	All	Seam_name, Inrush_id, Inrush_type	All
Prescribed Dams		Polygon	All	Dam_name, Pres_date, Bdy_type	All
Survey Control Stations		Point	All	Seam_name, Easting, Northing, Height, Station_id, Type, Field_note, Adjustment, Surv_date	All
Second Workings		Polygon	All	Seam_name, Date_Work, Work	All
Surveyed Geofeatures		Line	All	Seam_name, Azimuth, Feat_id, Feat_type, Code_no, Direction, Displacement, Width	All
		Polygon	All	Seam_name, Azimuth, Feat_id, Feat_type, Code_no, Direction, Displacement, Width	All
Underground Auger Areas		Polygon	All	Seam_name, Date_work, Work	All
Void Contours		Line	All	Height	All
Void Detail	Void Line	Line	All		All
	Void Point	Point			
Working Section Floor Contours		Line	All	Seam_name, Height	All
* Core Attributes are: Mine_name, RT_No., Chart_date, Status, Source, Endorse, Chartor and Descript					
** Metadata Attributes are: Theme_name, Disk_name, File_name, File_date, Caution and Provider					

TABLE 9.4
File Naming Convention

Theme name	Filename definition	Example
Adjacent Mine Workings	adjmine_ <i>[RT number]</i> _ <i>[Chart_date]</i>	adjmine_rt701_March2006 (outline – adjacent mines in all other seams)
Adjacent Seam workings	adjseam1_ <i>[RT number]</i> _ <i>[Chart_date]</i>	adjseam1_rt701_March2006 (1st workings for adjacent mines in same seam as RT701)
	adjseam2_ <i>[RT number]</i> _ <i>[Chart_date]</i>	adjseam2_rt701_March2006 (2nd workings for adjacent mines in same seam as RT701)
Barriers & Restricted Zones	barrier_ <i>[RT number]</i> _ <i>[Chart_date]</i>	barrier_rt701_March2006
Borehole Locations	boreholes_vert_ <i>[RT number]</i> _ <i>[Chart_date]</i>	boreholes_vert_rt701_March2006
	boreholes_horiz_ <i>[RT number]</i> _ <i>[Chart_date]</i>	boreholes_horiz_rt701_March2006

<i>Theme name</i>	<i>Filename definition</i>	<i>Example</i>
Boundary Control Marks	bdy_control_ <i>[RT number]</i> _ <i>[Chart_date]</i>	bdy_control_rt701_March2006
Cadastral Parcels	lcl_cadastre_ <i>[RT number]</i> _ <i>[Chart_date]</i>	lcl_cadastre_rt701_March2006
Coal Operation Boundary	mine_bdy_ <i>[RT number]</i> _ <i>[Chart_date]</i>	mine_bdy_rt701_March2006
Colliery Holding Boundary	holding_ <i>[RT number]</i> _ <i>[Chart_date]</i>	Holding_rt701_March2006
County Boundary	county_ <i>[RT number]</i> _ <i>[Chart_date]</i>	county_rt701_March2006
Date lines	dateline_ <i>[RT number]</i> _ <i>[Chart_date]</i>	dateline_rt701_March2006
Emplacement Areas	emplacement_ <i>[RT number]</i> _ <i>[Chart_date]</i>	emplacement_rt701_March2006
First Workings	work1_ <i>[RT number]</i> _ <i>[Chart_date]</i>	work1_rt701_March2006
Grid Lines	grid_ <i>[MGA zone]</i> _ <i>[RT number]</i> _ <i>[Chart_date]</i>	grid_m56_rt701_March2006
Highwall/ Auger Mining	highwall_auger_ <i>[RT number]</i> _ <i>[Chart_date]</i>	highwall_auger_rt701_March2006
Mining Approvals	mining_approval_ <i>[RT number]</i> _ <i>[Chart_date]</i>	mining_approval_rt701_March2006
Mining Lease Boundaries	title_ <i>[RT number]</i> _ <i>[Chart_date]</i>	title_rt701_March2006
Mine Underground Access	minfra_ <i>[RT number]</i> _ <i>[Chart_date]</i>	minfra_rt701_March2006
Mine Workings Outline underground	extents_ <i>[RT number]</i> _ <i>[Chart_date]</i>	extents_rt701_March2006
Mine Workings Outline open cut	extents_void_ <i>[RT number]</i> _ <i>[Chart_date]</i>	extents_void_rt701_March2006
Parish Boundaries	parish_ <i>[RT number]</i> _ <i>[Chart_date]</i>	parish_rt701_March2006
Potential Sources of Inrush	pot_inrush_ <i>[RT number]</i> _ <i>[Chart_date]</i>	pot_inrush_rt701_March2006
Prescribed Dams	dam_ <i>[RT number]</i> _ <i>[Chart_date]</i>	dam_rt701_March2006
Survey Control Stations	survey_ <i>[RT number]</i> _ <i>[Chart_date]</i>	survey_rt701_March2006
Surveyed Geofeatures	geology_ <i>[RT number]</i> _ <i>[Chart_date]</i>	geology_rt701_March2006
	geology_area_ <i>[RT number]</i> _ <i>[Chart_date]</i>	geology_area_rt701_March2006
Second Workings	work2_ <i>[RT number]</i> _ <i>[Chart_date]</i>	work2_rt701_March2006
Underground Auger Areas	UG_auger_ <i>[RT number]</i> _ <i>[Chart_date]</i>	UG_auger_rt701_March2006
Void Contours	void_cont_ <i>[RT number]</i> _ <i>[Chart_date]</i>	void_cont_rt701_March2006
Void Detail	void_point_ <i>{RT number}</i> _ <i>Chart_date</i>	void_point_rt701_March2006
	void_line_ <i>[RT number]</i> _ <i>[Chart_date]</i>	void_line_rt701_March2006
Working Section Floor Contours	contour_ <i>[RT number]</i> _ <i>[Chart_date]</i>	contour_rt701_March2006

TABLE 9.5
Metadata Statement

<i>Category</i>	<i>Element</i>	<i>Definition</i>
Theme	Theme name (user input)	Theme file name. (user input)
Features	Feature Type	Point, line or closed polygon. (user input)
Department Reference	RT Catalogue Number	Mine Workings Plan catalogue number. (Department Trade & Investment, Resources & Energy input)
Custodian	Mine Operator	Corporation or individual person that operates the mine. (user input)
	Mine Name and Address	The name and postal address of the mine. (user input)
Description	Abstract	Brief summary description of the content of the theme. (user input)
Data Currency	Date of First Version	When the theme was first created. (user input)
	Date of this Version	Date of this version of the theme. (user input)
Theme Status	Progress	The status of the process of theme creation. (user input)
	Maintenance and update frequency	Frequency of changes or additions made to the theme. (user input)
Access	Stored data format	The format in which the theme is stored by the Nominated Mine Surveyor. (user input)
	Available format type	The format in which the theme is available. (user input)
	Access constraints	Restrictions or legal prerequisites that may apply to the access and use of the theme including licensing, liability, and copyright. (user input)
	Caution	This theme should not be read in isolation. It is one of many themes that comprise the Mine Workings Plan. The MRT held by the Secretary is the true record of the mine workings.
Data Quality	Lineage	A brief history of the source or production the theme. (user input)
	Accuracy Statement	A brief assessment of the closeness of the location of objects in the theme in relation to their true position on the Earth.
	Accuracy Attribute	A ranking that best determines the positional accuracy for a particular feature in the theme. 1: Error ellipse no greater than 100mm 2: 100mm – 500mm 3: 500mm – 2m 4: 2m – 10m 5: Greater than 10m
	Logical Consistency	A brief description of the degree of adherence of logical rules of data structure, attribution, and relationships. (user input)
	Completeness	An assessment of the extent and range in regard to completeness of coverage, attributions and verification. (user input)
Attributes (All)	Attributes attached to each feature object in the theme.	List each attribute attached as a data field to the features in the theme.

<i>Category</i>	<i>Element</i>	<i>Definition</i>
Core Attributes (Attributes that are attached to all Mine Workings Digital Themes)	Mine_name	Name of the colliery relating to the Mine Workings Plan.
	RT_No	Department Catalogue Number
	Chart_date	The date the feature object was recorded on the Mine Workings Plan.
	Status	The status of the feature object in the Mine Workings Plan.
	Source	Where the feature object was sourced from.
	Endorse	Reference to a field book or other appropriate notation
	Chartor	Person recording feature object onto the Mine Workings Plan.
	Descript	Description of feature object.
Additional Attributes (Attributes unique to a particular theme or may be common to other themes) (Examples only – see Table 9.2)	Seam_name	Seam that was mined or relates to the feature object.
	Date_work	Date the workings were driven or extracted.
	Work	Type of mine workings.
Metadata Attributes (Attributes that are attached to all Mine Workings Digital Themes at the time of submission to the Department)	Theme_name	The name of the theme.
	Disk_name	The name of the CD-R submitted for the Reporting Period.
	File_name	Theme file name.
	File_Date	The date the theme was supplied to the Department.
	Provider	Surveyor providing the theme to the Department.
	Caution	This theme should not be read in isolation. It is one of many themes that comprise the Mine Workings Plan. The MRT held by the Secretary is the true record of the mine workings.
Miscellaneous	No. of features:	Number of individual features, for example, 500 boreholes
	Source Pathname:	Data location. This not required for submission but may support internal data management.
	Application Environment:	Development environment.
Projection:	Name:	Map Grid Australia (MGA 94)
	Zone:	MGA [zone] (user input)
	Units :	Metres
	Datum:	Geocentric Datum of Australia 1994 (GDA94)
	Ellipsoid:	GRS80
Metadata date	Metadata date	Date on which the metadata record was created or modified. (user input)
Vertical Datum	AHD	Australian Height Datum

SURVEY AND DRAFTING DIRECTIONS FOR MINING SURVEYORS

NSW Metalliferous and Extractive Industries 2008

Issued by the Surveyor-General on the advice of the Board of Surveying and Spatial Information pursuant to clause 4 of the Surveying and Spatial Information Regulation 2012

Note: These directions are for the Metalliferous and Extractive Industries in New South Wales. Refer to the document entitled Survey and Drafting Directions for Mine Surveyors in respect to mining surveys carried out for the purposes of the Coal Mines Health and Safety Act 2002 and the Coal Mines Health and Safety Regulations 2006.

CONTENTS

- 1 GENERAL
 - 1.1 Authorisation
 - 1.2 Preparation
 - 1.3 Compilation
 - 1.4 General
 - 1.5 Symbols
 - 1.6 Nomination of a Mining Surveyor
 - 1.7 Duties of a Nominated Mining Surveyor
 - 1.8 Liability of a Mining Surveyor
 - 1.9 Conversion To MGA94
- 2 DEFINITIONS
- 3 SURVEY STANDARDS AND PROCEDURES
 - 3.1 Origin of Co-Ordinates
 - 3.2 Control Surveys and Subsidiary Surveys
 - 3.3 Correlation of Surface and Underground Surveys
 - 3.4 Elevation Surveys
 - 3.5 Survey Records and Supply of Survey Information
 - 3.6 Requirements When Workings are to Become Inaccessible
 - 3.7 Surface Movement and Subsidence
 - 3.8 Survey of Boreholes
 - 3.9 Maintenance of Survey Equipment
- 4 MINE WORKINGS PLAN
 - 4.1 General
 - 4.2 Working Level Plans and Void Plans
 - 4.3 Working Level Sheets and Void Sheets
 - 4.4 Preparation of the Mine Workings Plan
 - 4.5 Additional Information
 - 4.6 Endorsement
 - 4.7 Old Workings/Surveys
 - 4.8 Certification
 - 4.9 Certification History
 - 4.10 Catalogue Number
- 5 MINE WORKINGS SPATIAL INFORMATION
 - 5.1 Preparation
 - 5.2 Composition
 - 5.3 Supply
 - 5.4 Certification
- 6 CLOSING PLANS
 - 6.1 Authorisation
 - 6.2 Suspension of Operations
 - 6.3 Charting for Suspension of Operations
 - 6.3 Charting for Abandonment
 - 6.5 Cessation of Duties of the Nominated Mining Surveyor
 - 6.6 Replacement of Operator
- 7 SUPPLY OF MINE WORKINGS PLAN AND DIGITAL DATA
 - 7.1 Period Supply
 - 7.2 Supply on Suspension and Abandonment
 - 7.3 Supply on Cessation of Duties of a Nominated Mining Surveyor
 - 7.4 Exemption
 - 7.5 Extension of Time

- 8 OTHER PLANS REQUIRED
 - 8.1 Ventilation Plan (Underground Mines)
 - 8.2 Escape and Rescue Plan (Underground Operations)
 - 8.3 Surface Plan
 - 8.4 Site Services Plan (Underground and Open Cut Mines)
 - 8.5 Mining Rehabilitation and Environmental Management Process (Mremp)
 - 8.6 Tailings Dams/Waste Dump Areas
 - 8.7 Plan Standards – General
 - 8.8 Declaration
- 9 STANDARDS FOR THE PREPARATION OF MINE WORKINGS DIGITAL THEMES
 - 9.1 General
 - 9.2 Theme Attribute Names and Definitions
 - 9.3 Theme Attribute Allocation and Feature Type
 - 9.4 File Naming Convention
 - 9.5 Metadata Statements
 - 9.6 File Format
 - 9.7 Date
 - 9.8 Precision
 - 9.9 Preparation of Additional Themes
 - 9.10 Preparation of Additional Attributes

TABLE 9.2

TABLE 9.3

TABLE 9.4

TABLE 9.5

1 GENERAL

1.1 Authorisation

The surveys, plans and digital data standards detailed in these Directions are required by the Surveying and Spatial Information Act 2002 and clause 4 of the Surveying and Spatial Information Regulation 2012. Specifically the Mine Workings Plan (MWP) is required to be kept in satisfaction of Part 7 of the Mine Health and Safety Regulation 2007 Mine Plans.

1.2 Preparation

These Directions provide principally for the conduct of surveys and preparation of plans for metalliferous mines in New South Wales. They provide guidance for preparation of the Hard Copy and the Digital recording, storage and preparation of the Mine Workings Plan and Mine Workings Spatial Information for the whole of the mine. They also provide some guidance to the preparation of other plans based on the Mine Workings Spatial Information that are required by the Mine Health and Safety Regulation 2007 and various Departmental guidelines. Preparation of plans required in support of various applications that may be required from time to time for the conduct of mining operations in New South Wales.

1.3 Compilation

- 1.3.1. The Mine Workings Plan and Mine Workings Spatial Information shall be surveyed and compiled on the Map Grid of Australia 1994 (MGA94) based on the Geocentric Datum of Australia 1994 (GDA94) values. The Mine Workings Plan shall be sectionalised into sheets as a best fit for individual mines. In determining the best fit for the sheet layout the surveyor should be mindful of the need to provide for expansion of the mine and to fit with adjoining mine workings. If in doubt the surveyor should consult with the Department and with neighbouring mines.
- 1.3.2. The Surveyor-General may request of the Department copies of all or any Mine Workings Spatial Information to be lodged with the Register of Public Surveys in accordance with the Surveying and Spatial Information Act 2002.
- 1.3.3. Where old workings exist it shall be assumed, for the purpose of marking the Mine Workings Plan, that they constitute a danger until the contrary is proven. In this situation, all plans should be regarded with suspicion until their accuracy has been verified. Reasonable effort should be made to obtain all existing information about old workings and, once obtained, to ensure that they are recorded on the Mine Workings Plan in accordance with these Directions.
- 1.3.4. A Mine Workings Plan consists of any number of sheets showing the entire workings of a mine in plan or section. Each sheet will represent a part or whole of one or more mining horizons or an area of the mining or quarrying operation shown in plan. The Mine Workings Plan as defined in these Directions includes any cross section or longitudinal section sheets used.

Note: Clause 47 (a) and (b) of the Regulation prescribes this.

1.4 General

- 1.4.1. These Directions are to be followed by all Nominated Mining Surveyors in all open cut and underground operations:
- i. all mines employing 20 or more persons and
 - ii. those places described in Part 2 of the Mines Health and Safety Act 2004
- 1.4.2. Other plans may be required as set out in Section 5 of these Directions.
- 1.4.3. The Chief Inspector may grant an exemption from any clause of these Directions if particular circumstances warrant. Any application for an exemption from compliance with any clause of these Directions must be made in writing to the Chief Inspector.

1.5 Symbols

The technical symbols, sign conventions and definitions for strata to be shown on the Mine Workings Plan and the Mine Workings Spatial Information shall be in accordance with these Directions, and shall conform to those illustrated in the Australian Standard for Mine Plans – Preparation and Symbols (AS-4368-1996), the Australian Standard for Geological Symbols (AS-2916-2007). If a symbol is not provided for in AS4368 or AS2916 the Nominated Mining Surveyor may create a suitable symbol to be also shown in the legend.

1.6 Nomination of a Mining Surveyor

The Operator of the mine shall inform the Department, Mine Mapping-Titles Section of the name and BOSSI Identification Number of the Mining Surveyor nominated under Section 35 of the Act, responsible for the conduct of Mining Surveys and preparation of formal Mining Survey Plans for the Operation. Such nomination will continue until such time as information required by Section 7.2 or 7.3 of these Directions, is submitted to the Secretary.

1.7 Duties of a Nominated Mining Surveyor

A Nominated Mining Surveyor must ensure that:

- a) any variation of the mine operation workings from a mine workings plan of which the surveyor becomes aware, or
- b) any interference with or obstruction to the performance of his or her functions, or
- c) any doubt about the accuracy of any plans
- d) is brought to the attention of the relevant operator.

Note: Clause 108 of the Regulation prescribes this requirement.

1.8 Liability of a Nominated Mining Surveyor

The liability of a Nominated Mining Surveyor in complying with these Directions for a Mine shall be limited to the period of time of nomination as the Nominated Mining Surveyor for that Mine.

Note: Subdivision 3 of Division 2 of Part 5 of the Act applies to the Management Structure for a Mine Operation.

1.9 Conversion to MGA94

- 1.9.1. When new sheets of the Mine Workings Plan are being prepared to comply with Clause 1.3.1 and the workings of any part of the mine are deemed to be completed, sealed or otherwise become inaccessible, it shall be acceptable to draw an outline of such workings and to endorse the new Mine Workings Plan to refer to the previously prepared Mine Workings Plans for detail.
- 1.9.2. Any previously prepared Mine Workings Plan referred to in clause 1.3.1, may also be a historical set of mine drawings, not in current usage, but accessible and in good condition. The relationship of the origin and height datum of any set of drawings to the current mine grid and datum or to MGA94 and AHD must be established.
- 1.9.3. Should the workings referred to in clause 1.3.3 become active, or are used for access in an area previously shown in outline the survey of the workings shall be transferred in full to the new Mine Workings Plan.
- 1.9.4. Nothing shall prevent the Nominated Mining Surveyor from transferring inactive mine workings in full to the new Mine Workings Plan.
- 1.9.5. A notation must appear on the Mine Workings Plan as to the location of any additional information relevant to the Mine Workings Plan including reference to datum.
- 1.9.6. It must be noted all mine working plans and spatial information shall be submitted on MGA94 and AHD regardless of the "Letter of Datum Reference" used for surveying and the Nominated Mining Surveyor is responsible for any grid or transformations to MGA 94.

2 DEFINITIONS

In these Directions the following words and terms have the meanings indicated:

Abandoned Mine

Includes a discontinued mine, a closed mine (other than a suspended mine) and a former mine.

Adit

Means a horizontal or near horizontal entrance to a mine

Attribute

A database field attached to a feature object in a theme used to describe spatial data and is also known as "object data".

Australian Height Datum (AHD)

AHD is the datum surface approximating mean sea level that was adopted by the National Mapping Council of Australia in May 1971.

Bench Marks

Marks established at or in a Mine from which the levels (heights) of the Mine workings are determined.

Borehole

A Borehole includes any hole (whether vertical, horizontal, inclined, or a combination of these), that may affect the safety of the Mine, drilled for:

- a) exploration,
- b) gas or water drainage,
- c) auger holes,
- d) for transport of materials including (but not limited to), sand, inflammable materials or fuels, cement, slurry, sewage or water
- e) services (e.g. power, water and other services)
- f) or any other purpose,

but does not include blast holes or shallow holes from the working area that do not intersect another area of the mine.

Borehole Plan

A plan or plans prepared in accordance with these Directions as an addition to the Mine Workings Plan where density of boreholes affects the clarity of the Mine Workings Plan.

BOSSI

Board of Surveying and Spatial Information as Constituted by the Surveying and Spatial Information Act 2002 No 83.

BOSSI Identification Number

Is an individual identification number issued by BOSSI, located on Certificate of Authority e.g. 8221.

Care and Maintenance

Discontinued Mine workings are said to be under Care and Maintenance where mining is suspended and when the Mine workings are maintained in a generally safe and accessible condition so as to allow for recommencement of mining activities without sterilisation of reserves.

Note: Clause 144 (1) of the Regulation provides further information.

Certification

A written statement or a schedule signed by the Nominated Mining Surveyor attesting that the surveying procedures and plan preparation for the period certified, have been carried out pursuant to the standards required by these Directions, the Surveying and Spatial Information Regulation 2012, the Act and the Regulation.

Chief Inspector

Chief Inspector of Coal Mines, New South Wales Department of Trade and Investment, Resources and Energy Division, Mineral Resources Branch. The same meaning as defined in the Act.

Control Surveys

Substantially marked surveys forming a closed survey network completed in accordance with ICSM (2007) SP1 (version 1.7).

Cross Section Sheet

A sheet prepared as part of the Mine Workings Plan for open cut or underground operations, which shows the cross sections referred to on the plan sheets of the Mine Workings Plan.

DCDB

Means Digital Cadastre Database as defined by the Land and Property Information (LPINSW)

Department

New South Wales Department of Trade and Investment, Resources and Energy Division, Mineral Resources Branch.

Development

In relation to a mining operation, includes all work undertaken to open up a mine by driving development openings or pre-stripping an open-cut body of ore.

Escape and Rescue Plan

Plan required by clause 34 of the Regulation.

Endorsement

A notation created, initialled and dated by the certifying Nominated Mining Surveyor, drawing attention to any aspect of the compilation of the Mine Workings Plan or Mine Workings Spatial Information that is considered necessary or informative that may or may not be a requirement under these Directions or any legislation.

ESRI Geodatabase

A Database created through ESRI ArcGIS software containing digital themes and their attribute information, allowing access to large volumes of geographic data. (See SECTION 9 of these Directions)

Feature Type

Description on how spatial data should be defined, for example, a point, line, or polygon.

Geocentric Datum of Australia (GDA)

Datum surface approximating the shape of the earth's surface that was adopted by the Inter- Governmental Committee for Surveying and Mapping in May 1990.

Note: The datum surface is described in a notice published by the Surveyor-General in NSW Government Gazette No 88 of 8 August 1997 and designated in that notice as "The Geocentric Datum of Australia (GDA)".

GNSS

Means a Global Navigation Satellite System as per Survey and Spatial Regulation 2012.

Hard Copy

In regard to paragraphs 3.1.8, 3.4.2, 7.2.1 and 7.2.2 of these Directions Hard Copy means plans prepared on 0.4mm/72 Micron double matt transparent drafting film with permanent inks, for all other cases coated paper Hard Copy with durable inks is acceptable. Whenever Hard Copy plans are submitted to the Secretary they shall be backed-up in PDF (Portable Document Format) on CD-R which shall accompany any such plans submitted.

Height Datum

All levels shown on the Mine Workings Plan, and all other plans prepared under these Directions, shall be reduced to Australian Height Datum (AHD).

ICSM (2007) SPI (version 1.7)

The Inter-Governmental Committee on Surveying and Mapping Special Publication 1 "Standards and Practices for Control Surveys".

Inrush

Under Clause 37 of the regulation, The operator of a mine must ensure that, in assessing risks associated with any possible sudden and unplanned entry of water, gas, rock or other substances into the underground workings of the mine, the OH&S risk assessment for the mine takes into consideration, but is not limited to, the following:

- a) the location of other workings and the accuracy of any plans of other workings,
- b) the strength of any ground between workings,
- c) the possibility of accumulation of hazardous water, gas, rock or other substances.

Longitudinal Section Sheet

A sheet prepared as part of the Mine Workings Plan for open cut or underground operations, which shows the longitudinal sections referred to on the plan.

LPINSW

Means Land and Property Information New South Wales.

Map Grid of Australia 1994 (MGA94)

MGA means Map Grid of Australia that is a rectangular co-ordinate system using a Universal Transverse Mercator Projection with zones 6 degrees wide and based on the Geocentric Datum of Australia.

Note: As defined by Clause 5 (1) of the Survey and Spatial Information Regulation 2012.

Metadata

"Information about data" and is used to inform the user of the lineage, accuracy and limitations that may exist within the data. The aim of metadata is to enable the end-user to work with the data with a known level of confidence.

Mine

Has the same meaning as defined in the Act

Mine Baseline

A permanently marked survey line included as part of the State Survey Control Network.

Mine Holder

As defined in the Mine Health and Safety Act 2004 and means:

- a) in relation to land subject to a mine holding that is registered--the person in whose name the mine holding is registered in the register of mine holdings kept by the Secretary under section 163A of the Mining Act 1992, or
- b) in relation to land not subject to a mine holding but otherwise subject to a mining title granted under the Mining Act 1992 or a mining licence granted under the Offshore Minerals Act 1999 --the person who holds the title or licence, or
- c) in relation to land where there is no requirement for grant of a mining title under the Mining Act 1992 – the person with the right to extract minerals or quarry product from the land.

Mine Services Plan

Plan prepared showing services around the surface of the mine and any information that may assist in the case of an emergency.

Mine Surface Plan

Plan prepared in accordance with section 4 of these Directions showing surface features.

Mine Workings Plan (MWP)

The plan required to be kept under Part 7 of the Regulation Mine Plans to accurately show the position of the Mine workings and compiled in accordance with these Directions.

Mine Workings Digital Themes

Any spatial data that is required to be submitted, as Mine Workings Spatial Information under these Directions. Compilation of the digital themes will be in accordance with Part 9 of these Directions. See also ESRI Geodatabase.

Mine Workings Spatial Information

Digital files containing Mine Workings Plan data in the form of digital themes prepared in accordance with these Directions.

Nominated Mining Surveyor (Mine Surveyor)

A person registered as a Mining Surveyor under the Surveying and Spatial Information Act 2002 No. 83 and nominated under Section 35 of the Act as responsible for the conduct of Mining Surveys and the preparation of formal Mining Survey Plans for an Operation.

Open Cut

Means a surface excavation

Operator

As defined in MHSA 2004 and means:

- a) the mine holder, if the mine holder nominated himself, herself or itself as the operator of the mine under Section 22 of the MHSA 2004 and that nomination is not rejected, or
- b) the person nominated by the mine holder as the operator of the mine, and not rejected by the Chief Inspector, under Section 22 of the MHSA 2004, or
- c) the person declared by the Chief Inspector to be the operator under section 23 of the MHSA 2004, or
- d) the person prescribed by, or determined in accordance with, the regulations to be the operator of the mine.

Potential Sources of Inrush

Potential sources of inrush include sudden and unplanned entry of water, gas, rock or other substances into the mine (Clause 37 of the Regulations).

Precision

Coordinate precision refers to the mathematical exactness of a coordinate and is based on the possible number of significant digits that can be stored for each coordinate.

Prescribed Dam

Means a dam, or proposed dam, specified or described in Schedule 1 of the Dams Safety Act 1978 No 96.

Raise or rise

Means a development excavated upwards from a level drive or crosscut

Regulation

Unless otherwise stated means the Mine Health and Safety Regulation 2007.

Reporting Period

The Reporting Period shall be twelve (12) monthly.

Secondary Surveys

A survey originating from Control Surveys or Subsidiary Surveys utilised by the Nominated Mining Surveyor to accurately locate all of the workings of the mine that are not included in Control Surveys or Subsidiary Surveys.

Secretary

Secretary of the Department. The same meaning as defined in the Act.

Shaft

Means an opening into a mine having an inclination to the horizontal of 15° or more through which persons or materials are raised or lowered, or which is used as a main intake or outlet for ventilation.

Stope

Means an excavation, other than development workings, made for the purpose of excavating ore.

Subsidiary Survey

A survey originating on Control Surveys to develop the workings of a Mine or to locate the position of the workings of a Mine.

Supervision

When a survey is carried out in accordance with these Directions the Nominated Mining Surveyor must exercise such personal oversight and direction of the work as is necessary to ensure that the Nominated Mining Surveyor has the knowledge to certify all aspects of the survey and that the survey has been carried out in accordance with sound professional practice and these Directions.

Surface Plan

The Plan prepared in accordance with these Directions showing surface features, infrastructure and services subject to mine operations, whether open cut or underground, and includes mineral processing and handling facilities located on a mine site.

Survey Records

For the purpose of these Directions, survey records shall be taken to mean any plan, survey or spatial information required under these Directions and includes field books, level books, co-ordinate books, calculations and any

other note books, sheets or plans used for recording relevant survey data, all survey observations, and compilations whether recorded or stored in written, photographic, digital or electronic form.

Surveyor-General

Surveyor-General means the person holding office or acting as the Surveyor-General under Part 4 of the Government Sector Employment Act 2013.

The Act

Unless otherwise stated means the Mine Health and Safety Act 2004.

The Regulation

Unless otherwise stated means the Mine Health and Safety Regulation 2007.

Themes

Theme refers to a type of information stored on a single layer of a digital drawing document. The Department uses ArcInfo as a GIS database, and for the purposes of these Directions, a theme and a layer are similar.

Ventilation Plan

Plan prepared in accordance with these Directions showing all ventilation appliances and airflow.

Void

All excavations, ramps and disturbed ground, including insitu blasted material within an open cut mine.

Winze

Means a development excavated downwards from a drive or crosscut.

3 SURVEY STANDARDS AND PROCEDURES

3.1 Origin of Co-ordinates

- 3.1.1. An existing mine operating to a local grid and height datum, may apply in writing to the Chief Inspector for an exemption where the relationship between the local grid and height datum and MGA94 and AHD can be accurately provided.
- 3.1.2. To allow for the mine to be surveyed on a local grid and datum where an application for exemption is granted under clause 1.4.3, the relationship in terms of bearing, distance and height between local grid and MGA94 must be set out in a 'Letter of Datum Reference' to be provided to the Chief Inspector. The letter will be kept on file at the Department of Primary Industries and the information updated as necessary.
- 3.1.3. All surveys are to originate from the Mine Baseline or may originate from any other mark included in the State Survey Control Network having a standard of accuracy consistent with that of the Mine Baseline.
- 3.1.4. The horizontal survey of the Mine Baseline should be planned and surveyed to Class "B" standards of accuracy as defined in ICSM (2007) SP1 (Version 1.7). The geometry of the network should be consistent with this standard of accuracy.
- 3.1.5. Each end of the Mine Baseline should be assigned an AHD Reduced Level surveyed to ICSM (2007) SP1 (Version 1.7) Class "LD" spirit levelling or Class "B" from Trigonometric Heighting or GPS Heighting (AHD derived).
- 3.1.6. At each end of the Mine Baseline there shall also be established a reference mark of durable nature connected by bearing and distance to the baseline permanent marks.
- 3.1.7. Should the position or co-ordinate values of the Mine Baseline change, this information shall be reported in accordance with the Surveying and Spatial Information Regulation 2012, Clause 41.
- 3.1.8. Surface Baseline terminals shall be approved Permanent Marks as described in Surveyor- Generals Direction No. 1.
- 3.1.9. Where Permanent Marks are placed for a Baseline, a Hard Copy plan and an electronic record with digital survey data shall be forwarded to the Secretary who in turn shall forward the information to the Surveyor-General for approval to be included in the State Control Network.
- 3.1.10. The Mine Baseline, where possible, shall not be less than 250 metres in length.
- 3.1.11. For an existing mine, the current baseline marks should be retained provided they are of a durable nature.

3.2 Control Surveys, Subsidiary Surveys and Secondary Surveys

- 3.2.1. Accuracy: Each control survey and subsidiary survey must be planned and surveyed to ensure these surveys satisfy the conditions to achieve a standard of accuracy as prescribed in ICSM (2007), SP1 (Version 1.7) to achieve Class D or better. All control surveys observed data must be analysed to ensure all control surveys achieve a standard of accuracy as prescribed in ICSM (2007) SP1 (Version 1.7) to a minimum standard of Class D. When calculating compliance to ICSM (2007) SP1 (Version 1.7) Class D via the formula $r = c (d + 0.2)$ this Direction specifically defines d as the following:

$$d = \text{distance to any station in km, with a minimum value of 1(km).}$$
- 3.2.2. Marking: Each control survey station and subsidiary survey station shall be adequately referenced and substantially marked. As far as practicable the marks shall be placed in a position least likely to be disturbed.
- 3.2.3. Where offset survey stations (wall stations) are employed the spigot and prism required to replicate the co-ordinate shall be specified on the Mine Workings Plan.

- 3.2.4. Secondary surveys shall be employed by the Nominated Mining Surveyor where necessary to accurately locate all of the Mine workings on the Mine Workings Plan to within 1mm at 1:2000 Scales. Such surveys shall be completed to the highest appropriate standards of accuracy.

3.3 Correlation of Surface and Underground Surveys

- 3.3.1. Correlation between surface and underground surveys shall be consistent with a Class D survey as prescribed in ICSM (2007) SP1 (Version 1.7).
- 3.3.2. In correlation of surface and underground surveys where methods other than direct traverse are employed for azimuth or co-ordinate transfer, the surveys shall be shown on a plan separate from the Mine Workings Plan and shall disclose the special survey methods employed. The plan shall be submitted to the Secretary and the Nominated Mining Surveyor shall certify that the survey shown on the plan is accurate and meets the requirements of these Directions.

3.4 Elevation Surveys

- 3.4.1. Order of accuracy of benchmarks:
Such surveys shall be completed to ICSM (2007) SP1 (version 1.7) Class "LD" or Class "D" standards of accuracy.
- 3.4.2. Accuracy of Mine workings:
Such surveys shall be completed to ICSM (2007) SP1 (version 1.7) Class "LE" standard of accuracy or to within 0.1 metre. Where vertical measurement is necessary for transference of the value of the surface bench mark to a nominated underground bench mark, the maximum permissible error should not exceed 0.05 metre.

3.5 Survey Records and Supply of Survey Information

- 3.5.1. Systematic and reasonable care shall be taken by the Nominated Mining Surveyor for the safe preservation of all survey records required under these Directions.
- 3.5.2. Survey records for each of the following purposes shall be kept at the survey office for the mine:
- control surveys
 - subsidiary surveys
 - secondary surveys
 - elevation survey
 - surface movement and subsidence surveys
- 3.5.3. Such survey records shall be maintained manually on either field book or other stable material electronic text or image or other means not visually perceptible without the aid of a machine or other device. Where a machine or other device is required to access the stored data the Nominated Mining Surveyor shall ensure the data is regularly updated to a media and format that is currently available.
- 3.5.4. Survey records are to be permanently recorded and maintained in accordance with ICSM (2007) SP1 (1.7 version) and these Directions.
- All survey books shall be maintained in good order and shall have the following description clearly and permanently marked on the cover and inside title page:
 - the Mine name,
 - for underground mines, the level name, and catalogue number to which the book refers,
 - consecutive index number
 - The following procedures shall be adopted for entries into survey books:
 - all survey observations and measurements shall be recorded at the time of survey;
 - in the event of alteration of a mistake there shall be no erasure. The erroneous entry should be struck through and the correction written above;
 - the datum line of the survey and the azimuth adopted shall be clearly indicated;
 - lengths shall be entered at the time they are measured. Where appropriate, corrections shall be noted and the lengths deduced there from shall be clearly indicated;
 - bearing and distance from reference marks must be clearly shown; reference marks and Bench Marks placed by the surveyor shall be so noted and the positions and descriptions thereof shall be shown by a sketch in the appropriate book;
 - lines remeasured shall be so specified and original distances and bearings shown;
 - The Nominated Mining Surveyor shall sign the field book that the work shown therein was performed by him or under his supervision and indicate the date on which the work was performed.
- 3.5.5. Where surveys are recorded in electronic form the information to be recorded shall be consistent with that required for survey books (see 3.5.4 (b)). A complete and separate duplicate of such records shall be preserved on paper or disc or other permanent electronic medium. Where a machine or other device is required to access the stored data the Mining Surveyor shall ensure the data is regularly updated to a media and format that is currently available.
- 3.5.6. The Nominated Mining Surveyor of any Mine, upon the request of the Chief Inspector, shall make available, in a format specified by the Chief Inspector all or any survey records or certified copies thereof.

- 3.5.7. Upon abandonment of an operation all survey records relevant to the preparation of the Mine Workings Plan shall be prepared by the Nominated Mining Surveyor for submission to the Department. A guidance document shall be included detailing file structure, formats, descriptions and other necessary information to enable additional end users to interrogate the information. On abandonment these records shall be submitted to the Department for retention unless otherwise directed in writing by the Chief Inspector.

3.6 Requirements when workings are to become inaccessible

- 3.6.1. Before any part of the workings of a mine becomes inaccessible, where reasonable, practical and safe to do so, the position of all points of the workings shall be established from a control, subsidiary, or secondary survey.
- 3.6.2. Sufficient levels shall be taken to enable contours of the floor of the working section to be calculated and shown on the Mine Workings Plan. (See Section 3.4.2 Elevation Surveys)
- 3.6.3. Where inaccessible workings are not surveyed in accordance with these Directions, the Nominated Mining Surveyor may draw upon any available resources of the mine to best locate the inaccessible workings for the purpose of completion of the Mine Workings Plan, with suitable Endorsements.

3.7 Surface Movement and Subsidence

- 3.7.1. Where the Chief Inspector directs, surveys are to be undertaken to record surface movement, including subsidence induced by mining.
- 3.7.2. Such surveys shall be carried out in accordance with the standards set out in these Directions, or as otherwise directed by the Chief Inspector.
- 3.7.3. Such surveys shall be carried out under the supervision of, and certified by, a Nominated Mining Surveyor.
- 3.7.4. All subsidence survey data including field notes is to be kept at the Mine in accordance with Clause 3.6 of these Directions.

3.8 Survey of Boreholes

Boreholes are to be identified by unique name or number and are to be shown on the Mine Workings Plan. Collar and/or commencement locations of Boreholes, are to be established from a control, secondary or subsidiary survey, with both MGA coordinates and AHD levels in accordance with these Directions. The following information will also be recorded, wherever possible, whether from direct survey or other source (i.e.: drillers log, geophysical survey):

- a) total length (or depth);
- b) inclination (or declination), and
- c) plan projection (bearing or azimuth) when other than near vertical.

The Nominated Mining Surveyor shall satisfy himself that the holes are accurately recorded and represented on the Mine Workings Plan with regard to mine safety.

3.9 Maintenance of Survey Equipment

- 3.9.1. Survey equipment should be maintained regularly and kept in good adjustment according to the manufacturers recommendations.
- 3.9.2. Electronic distance measuring equipment used for Control and Subsidiary surveys should be verified against the State Primary Standard of Measurement of Length, by using pillared test lines, at least once each year and immediately after service and repair in accordance with Surveyor General's Direction No5 "Verification of EDM equipment".
- 3.9.3. GNSS equipment used in Mining Surveys should be verified against the Mine Baseline upon acquisition and after any change in software, firmware or hardware.

4. MINE WORKINGS PLAN

4.1 General

4.1.1. Direction

The Mine Workings Plan (MWP) shall be prepared by or under the supervision of the Nominated Mining Surveyor within three months of commencement of the mining operation or such other time as the Chief Inspector may direct by notice in writing served on the Operator of the Mine.

4.1.2. Updating the Mine Workings Plan

Except where the mine is considered suspended or abandoned the Mine Workings Plan must be updated when it no longer accurately reflects the workings have been carried out at the mine or the workings that are proposed to be carried out at the mine (Clause 94 of Regulation) and at the end of each Reporting Period. Sufficient surveys must be undertaken to ensure that the mine workings and/or stopes are accurately represented on the Mine Workings Plan in accordance with these Directions.

4.1.3. Composition

- a) In the case of an underground mine the Mine Workings Plan shall comprise sheets for each Working Level, and other layout data, for the whole of the Mine as required by these Directions.
- b) The Mine Workings Plan sheets shall be AO size International Standards Organisation and may be orientated in either portrait or landscape direction. A standard (recommended) layout is available from the Department.

4.1.4. Presentation and Archiving – Hard Copy

- a) A Hard Copy of the Mine Workings Plan should be produced stable and durable material depending on the requirements of these Directions.
- b) The Hard Copy will comprise all sheets on which workings have occurred.

4.2 Working Level Plans and Void Plans

- a) The underground mine workings or open cut voids shall be mapped on Level Workings Plans or Void Plans, respectively, for the whole of the mine workings area of a Mine.
- b) The Level Workings Plans and Void Plans shall be compiled from the Mine Workings Spatial Information and other digital themes as necessary to truly represent the survey of the mine as required by these Directions.

4.3 Working Level Sheets and Void Sheets

- a) The Working Level Sheets and Void Sheets shall be compiled from the Level Workings Plan and Void Plan, respectively, at a ratio that best reflects the mine workings with sufficient clarity and number of sheets to cover the extent of the workings and necessary adjacent workings.
- b) The Working Level Sheets and the Void Sheets shall be sized to fit the mapping area of the Mine Workings Plan sheets.
- c) Full lines are to be shown for the Map Grid of Australia commencing at the lower left corner of the mapping area. The extremities of each grid line shall be annotated with the grid value. For an existing mine operating to a local grid and height datum under Clause 1.9.6, the full lines shall represent the mine's datum and a second grid, comprised of tick marks, shall display the MGA coordinate system.

4.4 Preparation of the Mine Workings Plan

Information to be shown on the Mine Workings Plan.

4.4.1. In the mapping area

4.4.1.1. General for both Underground and Open Cut Mines

- a) Adjacent Mine Workings – an outline of all workings in any direction within 100 metres of the current mine being worked.
 - b) Barriers and Restricted Zones
 - c) Borehole Locations
 - i. Where it is not practical to show all Boreholes on the Level Workings sheet, a separate "Borehole Plan", which shall become part of the Mine Workings Plan, shall be produced as an overlay.
 - ii. a reference on the Level Workings Sheet is required to indicate the existence of any Borehole Plan sheet.
 - iii. All Boreholes should be identified as to type and name and their current status (e.g. open, sealed, filled and/ or capped).
 - iv. Where Boreholes are drilled in adjacent strata sufficient reduced levels should be shown to indicate their position.
 - v. Any Borehole that is removed by the mining process or is in the void is not required to be shown. Remnant stubs of these holes, however, which may present a hazard to future mining operations, must be shown.
 - d) Cadastral Parcels – (State if LPI DCDB is used).
 - e) Tailings/Dump Areas
 - f) Grid Lines
 - g) Mining Approvals/ Acceptances (extent to be shown in red)
 - h) Mining Lease Boundaries.
 - i) Parish Boundaries
 - j) County Boundary
 - k) Potential Sources of Inrush (to be shown outlined in green)
 - l) Prescribed Dams/Tailings Dams
 - m) Survey Control Stations including Bench Marks
 - n) Surveyed Geofeatures – all known, faults, dykes and other significant dislocations, as surveyed.
- ##### 4.4.1.2. Underground Mines (Level Workings Plans)
- a) First workings – Development
 - b) Mine Underground Access – mine shafts, staple shafts, adits, and drifts
 - c) Second workings/Stopes
 - d) Date Lines (dashed) indicating the extent of workings for each survey Reporting Period along with the date and initials of the Nominated Mining Surveyor
 - e) Working Level Floor Heights (from spot heights and shown in blue)
 - f) Level Names
 - g) All major ventilation devices as per Clause 48(e) of the Regulations

- 4.4.1.3. Open Cut Mines (Void Plans)
 - a) Void Contours at five (5) metre vertical intervals.
 - b) Void detail line (breakline)
- 4.4.2. Mine Workings Plan layout information
 - 4.4.2.1. In the sheet heading area:
 - a) The name of the Mine.
 - b) The Mine Workings Plan Catalogue Number.
 - c) The Parish and County names.
 - d) The name of the Level being represented.
 - e) The number of the sheet and the number of sheets that make up the mine operation.
 - 4.4.2.2. In the map surround area:
 - a) The reduction ratio and a graphical (bar) scale together with a statement that all measurements are in metres,
 - b) A north point indicating grid north,
 - c) A schedule of symbols used on the particular sheet,
 - d) A sheet index showing (A vertical level index may be necessary):
 - i. All the sheets necessary to cover the Mine Operations Boundary
 - ii. The number of each sheet
 - iii. The particular sheet shown by a heavy outline
 - iv. Outline of Mine workings
 - e) A schedule of Endorsements made by the Nominated Mining Surveyor
 - f) A statement or schedule certifying the accuracy of the sheet, including:
 - i. The name and signature of the certifying Nominated Mining Surveyor
 - ii. The certifying surveyor's BOSSI ID Number
 - iii. The date of Certification
 - g) The origin of levels and the grid bearing and terminal survey stations of the Mine Baseline or survey control marks used for surveys within the sheet
 - h) For underground Mines, a schedule or schedules of survey marks and Bench Marks containing their identification, coordinates and height
 - i) For underground Mines, a schedule of shafts, rises, winzes, boreholes, with coordinates and heights of the commencing and finishing locations.
 - j) A schedule of Boreholes showing coordinates and heights of the collar or starting location together with the general direction, inclination and length.

4.5 Additional Information

- 4.5.1. Nothing in these Directions shall prevent the inclusion of any additional information on the Mine Workings Plan providing it is shown in a manner consistent with these Directions.
- 4.5.2. The Nominated Mining Surveyor shall show on the Mine Workings Plan any additional information as directed in writing by the Chief Inspector.
- 4.5.3. Any additional information discovered by or indicated to the Nominated Mining Surveyor which may present a hazard either to the Mine, adjacent mines or persons in those mines should be recorded on the Mine Workings Plan.

4.6 Endorsement

Where any information shown on the Mine Workings Plan is considered to be in doubt or any other information that the Nominated Mining Surveyor considers requires Endorsement, the Mine Workings Plan shall be suitably endorsed.

4.7 Old Workings/Surveys

Where old surveys or old workings are converted to the current Local Grid/Datum or MGA94/AHD, such conversion shall be suitably endorsed on the Mine Workings Plan.

4.8 Certification

- 4.8.1. The Hard Copy of the Mine Workings Plan shall be certified by the Nominated Mining Surveyor in the Certification of Accuracy schedule after the most recent Reporting Period has been charted.
- 4.8.2. The Nominated Mining Surveyor shall, by signing and dating the Certification of Accuracy schedule declare for their period of nomination that:
 - a) the Mine Workings Plan has been prepared in accordance with these Directions, and,
 - b) the surveys shown on the Mine Workings Plan have been completed to an accuracy as prescribed in these Directions.

4.9 Certification History

The Mine Workings Plan shall have recorded in the Certification of Accuracy schedule the certification details for each period of nomination.

4.10 Catalogue Number

The Department's cataloguing system shall continue for each Mine according to a unique number identification system prefixed by the letters 'MWP'. This unique number is to be clearly identified on the Mine Workings Plan or any copy thereof.

5. MINE WORKINGS SPATIAL INFORMATION

This section refers to the preparation, composition and supply of the Mine Workings Spatial Information as a digital file.

5.1 Preparation

- 5.1.1. The Mine Workings Spatial Information shall be prepared by or under the supervision of the Nominated Mining Surveyor.
- 5.1.2. The Mine Workings Digital Themes shall be prepared to the standards required by Section 9 of these Directions.
- 5.1.3. All Mine Workings Digital Themes shall be kept at the survey office for the Mine.

5.2 Composition

The Mine Workings Spatial Information shall be digital files of the Mine Workings Digital Themes for the whole of the Mine. Digital files may be 3D format that are compatible with the Departments ESRI GEODATABASE.

5.3 Supply

- 5.3.1. The Digital File shall be supplied on a CD-R (Compact Disc – Read only) and shall be submitted to the Secretary at the end of each Reporting Period to coincide with the preparation of the Hard Copy to be kept at the mine.
- 5.3.2. The following Mine Workings Digital Themes are the minimum number of themes to be supplied, as appropriate to each Mine:
 - a) For Underground Mines – Mine Workings Outline
 - b) For Open Cut Mines – Void Contours and Breaklines
- 5.3.3. The following information will be recorded on the label of the CD-R with a permanent marking pen:
 - a) The name of the Mine Operation
 - b) The MWP catalogue number for the associated MWP.
 - c) The name and signature of the certifying Nominated Mining Surveyor
 - d) The certifying Mining Surveyor's Registration Number.
 - e) The date of Certification.
 - f) Disk Name and Reporting Period

5.4 Certification

The Nominated Mining Surveyor shall, by signing and dating the CD-R, declare that the Mine Workings Digital Themes contained on the CD-R, are an accurate representation of the mine workings and comply with these directions.

6. CLOSING PLANS

6.1 Authorisation

Clause 103 of the Regulation as required by section 69 of the Act.

6.2 Suspension of Operations

Where a Mine or Seam therein has not been worked for a period of 2 months the owner of the Mine shall have the Mine Workings Plan charted and shall send a copy to the Secretary in accordance with these Directions.

6.3 Charting for Suspension of Operations

These procedures are to be followed in the case of the suspension of a mine or seam:

- 6.3.1. The Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor to the date of suspension. The Nominated Mining Surveyor shall place a broken line around the extent of the workings, which shall be dated and initialled.
- 6.3.2. The note "Charted to date of Suspension of Operations" is to be shown in the "Schedule of Certification of Accuracy" above the date and the Nominated Mining Surveyor's signature.

6.4 Charting for Abandonment

These procedures are to be followed in the case of the Abandonment of a Mine:

- 6.4.1. The Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor to the date of abandonment. The Nominated Mining Surveyor shall place a broken line around the extent of the workings, which shall be dated and initialled.
- 6.4.2. The note "Charted to date of Abandonment" is to be shown in the "Schedule of Certification of Accuracy" above the date and the Nominated Mining Surveyor's signature.

6.5 Cessation of Duties of the Mining Surveyor

- 6.5.1. Upon permanent cessation of duties of the nominated Nominated Mining Surveyor the Mine Workings Plan shall be charted, dated and signed by the Nominated Mining Surveyor. The Nominated Mining Surveyor

shall show the date of the workings at the time of cessation in a similar manner to that of the normal survey Reporting Period.

- 6.5.2. The note 'Charted to date of Cessation of duties of the Nominated Mining Surveyor' is to be shown in the 'Schedule of Accuracy' above the date and the Nominated Mining Surveyor's signature.
- 6.5.3. The Nominated Mining Surveyor shall by signing and dating the Certification of Accuracy schedule declare for that period from the last Reporting Period until the date of cessation of duty that:
 - a) The Mine Workings Plan has been prepared in accordance with these Directions; and
 - b) The surveys shown on the Mine Workings Plan have been completed to an accuracy prescribed in these Directions.

6.6 Replacement of Operator

When an operator is to cease to operate a mining operation and is to be replaced by another operator, the outgoing operator must update the mine workings plan and provide the updated plan to the incoming operator.

Note: Clause 102 of the Regulation sets out this requirement.

7. SUPPLY OF MINE WORKINGS PLAN AND DIGITAL DATA

7.1 Period Supply

- a) The Mine Workings Plan (a certified copy of the Mine Workings Plan) shall be supplied to the Secretary as a pdf file on a read only CD for each Reporting Period (within 1 month of the end of each Reporting Period).
- b) The Nominated Mining Surveyor shall advise the Secretary that the Mine Workings Plan has been sent from the Mine and by what means of transport.
- c) The Secretary shall advise the Nominated Mining Surveyor within 7 days of receipt that the Mine Workings Plan has been received.
- d) The CD containing the pdf files of the Mine Workings Plan shall be kept safe and secure by the Secretary and made available for examination as required.
- e) The Nominated Mining Surveyor shall archive the current copy as Hard Copy, plot file, or other electronic format.

7.2 Supply on Suspension and Abandonment

- 7.2.1. Where a Mine has been discontinued, the Mine Workings Plan shall, after charting, be supplied to the Secretary, in Hard Copy form, within one (1) month of such discontinuance, unless otherwise advised by the Secretary.
- 7.2.2. Where a Mine has been abandoned, the Mine Workings Plan shall, after charting, be supplied to the Secretary, in Hard Copy form, within one (1) month of such abandonment, unless otherwise advised by the Secretary. As per Clause 103 of the Regulations.
- 7.2.3. After the Secretary is satisfied that the charting requirements have been met, the Mine Workings Plan, the Mine Workings Spatial Information and all survey records required to be kept under these Directions, are to be forwarded, by a date specified by the Secretary, to the Department for preservation.

7.3 Supply on Cessation of Duties of a Mining Surveyor

- 7.3.1. At the time of cessation of duties, and after Certification has taken place, the Nominated Mining Surveyor shall produce, a Hard Copy of the Mine Workings Plan and a copy of the Mine Workings Spatial Information on CD-R for retention at the office for the mine.
- 7.3.2. The outgoing Nominated Mining Surveyor, with the consent of the mine owner, should take a Hard Copy of the sheets for his own record.
- 7.3.3. The incoming Nominated Mining Surveyor should make a Hard Copy of the sheets for a record of commencement of work.
- 7.3.4. A copy of mine working spatial information should be supplied to the Department.

7.4 Exemption

Under special circumstances, the operator of a mine may apply to the Secretary for an exemption from the requirement to supply the Mine Workings Plan or Mine Record Tracing in accordance with these Directions. In granting exemption the Secretary may direct in writing any other requirement for the supply of the Mine Workings Plan.

7.5 Extension of Time

The Secretary may, should the circumstances so warrant, grant an extension of time for the preparation of the Mine Workings Plan.

8. OTHER PLANS REQUIRED

Nothing shall prevent the Nominated Mining Surveyor from combining one or more of the following plans provided legibility of the combined plan is retained. All such plans should be prepared generally in accordance with these Directions and should be certified and endorsed, as required, by the Nominated Mining Surveyor or appropriate mine official as described in paragraph 8.8 of these Directions.

8.1 Ventilation Plan (Underground Mines)

The ventilation plan shall be compiled generally in accordance with these Directions at a scale that best reflects the mine workings and ventilation appliances. Ventilation appliances will be symbolised in accordance with AS 4368.

The plan shall show stoppings, trapdoors, regulators, ventilation doors, the direction and nature of ventilation, auxiliary fans, booster fans and air reading stations with air quantity, in relation to the mine workings. The plan will also show the locations of fixed gas monitoring plant.

A legend will be shown on the plan depicting symbols used together with a graphical representation of the scale.

This plan shall be updated as often as it becomes necessary.

Note: In accordance with the Clause 48 (e) of the Regulation (Ventilation) is to be prepared for all underground parts of an operation.

8.2 Escape and Rescue Plan (Underground Operations)

The Escape and Rescue Plan shall be compiled generally in accordance with these Directions at a scale best reflects the mine workings and displayed appliances. Symbols used will be in accordance with AS 4368 and AS2916. The plan will include all levels of the mine to enable the self-escape and/or rescue of personnel from any level from the mine.

This plan shall show each mine level, working or not, and means of egress from each part of the Mine to the surface, all self-escape systems, shafts, all underground telephone stations, in relation to the mine workings. The plan shall also show main access roads, refuge chambers, main electric supply cables, fixed electrical apparatus, positions of First Aid Stations, hydrants, isolation valves, fire substations and fire depots underground telephone stations, belt conveyors, known falls, accumulations of water, stowage identified as non-passable.

The plan shall also show any information including ventilation or any additional information identified as necessary for the dealing with an emergency at the operation.

The plan is to be displayed and reviewed at least once every 3 months and updated when it no longer accurately reflects the workings or circumstances of the mine.

Note: In accordance with the Clause 34 of the Regulation, an Escape and Rescue Plan is to be prepared for all underground parts of an operation.

8.3 Surface Plan

A surface plan is to be kept at the Mine. The Surface plan shall be of a scale to best represent the surface features of the mine and shall cover the areas where mining operations have been or are being carried out and construction zones, as required by Clause 77 of the Regulation.

Symbols used will be in accordance with AS 4368.

Topography may be shown if it adds to the interpretation of the plan. Compilation shall be generally in accordance with these Directions and the plan may be maintained as spatial information.

In the case of an Underground Mine, the Surface Plan shall show all streets, roads, reservoirs, swamps, water bodies, unconsolidated surface deposits, railways, main pipelines and any other feature whether of the same or of a different kind which, if disturbed by mining operations, is likely to cause damage to or danger in the Mine.

In the case of an Open Cut Mine, the Surface Plan shall show all streets, roads, reservoirs, swamps, water bodies and any other permanent feature whether of the same or of a different kind which, if disturbed by mining operations, is likely to cause damage to or danger in the open cut workings.

This plan shall be updated as often as it becomes necessary.

8.4 Site Services Plan (Underground and Open Cut Mines)

The site services plan shall be at a suitable scale. Symbols used will be in accordance with AS 4368. Compilation shall be generally in accordance with these Directions and the plan may be maintained as spatial information.

This plan should show only surface improvements and infrastructure that are part of the Mine, including but not limited to: buildings including administration, bathhouse and workshops, mine access points (portals, shafts, ramps); mine access roads including parking areas; processing plants and stockpiles; power reticulation including sub stations; water reticulation; compressors and compressed air reticulation; gas reticulation; sewer mains, treatment plants and transpiration areas; telephone and other communications lines; magazines including buffer zones; fire fighting equipment including fire stations, hydrants, extinguishers, depots; hazardous materials locations; dams and surface drainage; Boreholes which can be used for gas testing, and any information which may assist in the case of an emergency.

Topography may be shown if it adds to the clarity and understanding of the plan.

This plan shall be updated as often as it becomes necessary.

8.5 Mining Rehabilitation and Environmental Management Process (MREMP)

The MREMP guidelines are published by the Department and include both the Mining Operations Plan (MOP) guideline and the Annual Environmental Management Report (AEMR) guideline. Plans prepared under these guidelines shall be prepared in accordance with the standards required by these Directions. All such plans will be certified by a Registered Mining Surveyor and suitably endorsed where necessary.

Note: The Department publishes Guidance Notes for applications of the Rehabilitation and Environmental plans process under the Mining Act 1992

8.6 Tailings Dams/Waste Dump Areas

Plans prepared in support of any such application to the Minister shall be prepared in accordance with the current guidance note and comply with the standards required by these Directions. The plan shall be certified and suitably endorsed by a Registered Mining Surveyor.

Note: The Department publishes Guidance Notes for applications of the Rehabilitation and Environmental plans process under the Mining Act 1992

8.7 Plan Standards – General

Any plan (including, where appropriate, plans subject to these Directions) required to be drafted by a Registered Mining Surveyor for purposes of the Mine, should be prepared in accordance with the relevant Australian Standard – in particular, but not limited to, AS 4368 and AS 2916.

8.8 Declaration

A plan referred to in Section 8 of these Directions shall have an appropriate area on the plan allocated for Certification by the manager of mining engineering and/or Registered Mining Surveyor as appropriate for information on that plan. Such certification shall indicate the origin of the information and that the information shown on the plan is truly represented.

9. STANDARDS FOR THE PREPARATION OF MINE WORKINGS DIGITAL THEMES

9.1 General

These Directions require that the Mine Workings Plan be prepared using the Mine Workings Digital Themes as described in Section 4.4 (Preparation of Mine Working Plan) of these Directions.

The aim of this Section 9 is to provide standard methods for the construction and preparation of the Mine Workings Digital Themes. This section identifies how each theme should be represented graphically and the attribute information that should be included to describe each featured object in the theme.

This section also identifies other supporting information that is required to be submitted to the Secretary on the CD-R as provided for in Section 5.2 (Composition) of these Directions.

9.2 Theme Attribute Names and Definitions

9.2.1. Table 9.2 Identifies attribute names and definitions that must be used for all Mine Workings Digital Themes.

Attribute names are not to exceed ten characters in length. All theme names and attribute names can be in either title case or lowercase, and individual attribute values may be expressed in upper or lower case. Underscores must be used to join multiple words as gaps are not permissible. Attribute names and format must be consistent with those shown in Table 9.2.

9.2.2. Attribute Values; It is required, where possible, to use standard attribute values. This will allow the Department and other users of the themes to develop standard enquiries through their GIS software. Values for all attributes are required to be attached for all objects in the theme.

All themes are to be prepared using the database format specified in Table 9.2. Numbers with decimal values should be stored as floating number. All other numbers should be stored as integers or characters.

9.3 Theme Attribute Allocation and Feature Type

All objects in a theme must have attributes attached and be of the same feature type (e.g. point, line, or polygon). Each theme required is listed in Table 9.3 with corresponding attributes and feature types that must be used to represent the theme spatially.

In some instances a Mine Workings Digital Theme may need to be represented by more than one theme. For example, Borehole Locations would normally be points for vertical boreholes and lines for horizontal or inclined boreholes. Where multiple shapes are to be used to represent a theme, and a separate theme is created, attribute fields must be consistent with that particular Mine Workings Digital Theme.

9.3.1 Theme Attribute Categories

Mine Workings Digital Themes attributes are divided into three categories. The attribute categories are as follows and the attribute names for each category are identified in Table 9.3.

- a) Core attributes are those attributes that are common to all the themes and include such attributes as mine name, RT number (catalogue number), date the theme data was charted to, and the person charting the theme data to the Mine Workings Plan.
- b) Additional attributes are those attributes that are unique to a particular theme or maybe common to several themes. Attributes that are common to several themes may include seam name, type of workings and when the workings were driven or mined.
- c) Metadata attributes are attributes that are required to be attached to the themes only when they are written to the CD-R for submission to the Secretary in accordance with these Directions. These attributes include the theme name, the identifying name of the CD-R from which the theme originates, the file name of the theme on the CD-R, the date on which the CD-R was provided to the Department and the name of the Nominated Mining Surveyor providing the CD-R.

9.4 File Naming Convention

Table 9.4 identifies the specific filename that must be used for each Mine Workings Digital Theme that is to be written to the CD-R for submission to the Secretary in accordance with these Directions.

9.5 Metadata Statements

A metadata statement for the Mine Workings Digital Themes must be included and written onto the CD-R when it is submitted to the Secretary in accordance with these Directions. The metadata statement must be in Adobe Acrobat (.pdf) format and in the form identified in Table 9.5. Metadata statements must be given a filename indicating mine name, RT number and date.

The metadata statement should include information such as version date, custodian name, coordinate system, accuracy, potential limitations for data use, definitions of any codes used within the dataset and any other information about the data that is not evident in the attributes attached to the theme.

The completed metadata statement must be disseminated with the dataset that it describes. It may be one document sectionalised for each Mine Working Digital Theme or a separate document for each theme. Where two or more themes or a group of themes have the same metadata, a single metadata statement may be prepared that clearly lists all themes relating to the statement.

9.6 File Format

All Mine Workings Digital Themes that are to be submitted to the Secretary in accordance with these Directions and be submitted as shapefiles

The shapefile format consists of three or more files with the following file extensions

- .shp – The main file that stores the feature geometry; required.
- .shx – The index file that stores the index of the feature geometry; required.
- .dbf – The dBASE table that stores the attribute information of features
- .sbn and.sbx (optional) – The files that store the spatial index of the features.
- .prj (optional) – The file that stores the coordinate system information.

9.7 Date

Date attributes are to be in database format 'character' and be in the form "dd/mm/yyyy" where date of workings are accurately known, general format "month year" (May 2006) or as a time period (1950-2000 or pre 2000) when the charted period cannot be accurately shown.

9.8 Precision

Spatial themes should be provided in the best available precision.

9.9 Preparation of Additional Themes

In the event that additional themes are to be submitted with those required by these Directions the attributes, the attribute names and formats should be consistent with this Section 9 of the Directions.

9.10 Preparation of Additional Attributes

In the event that additional attributes are required for a theme, the attributes and their formats should be developed consistent with this Section 9 of the Directions.

Nominated Mining Surveyors are encouraged to create additional attributes that will assist in the preparation and supply of the Hard Copy and in support of safe mining operations.

TABLE 9.2
Theme Attribute Names and Definitions

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Caution	Warning on use of theme	Character	254	Compulsory and must be in the form described in the options list.	This theme should not be read in isolation. It is one of many themes that comprise the Mine Workings Plan. The Mine Working Plan held by the Secretary is the true record of the mine workings.	
Chart_date	Date the feature was inserted into the theme	Character	10	Chartor determined	30/11/2005	
Chartor	Person inserting the feature into the theme	Character	50	Chartor determined	Joe Bloggs	

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Descript	Description of feature and/or theme.	Character	100	Chartor determined		
Disk_name	CD-R identifier	Character	50	Provider determined		
Endorse	Feature status	Character	254	Chartor determined		
File_date	CD-R date	Character	10	Provider determined		
File_name	Theme file name	Character	50	Provider determined		
Height	Height (AHD)	Character	20	Chartor determined	123.123	
Horizon_Name	Name of Underground Mining horizon	Character	20	Chartor determined	Level 980	
Minimum_RL	Maximum RL (AHD) on underground level	Character	50	Chartor determined	100	
Maximum_RL	Minimum RL (AHD) on underground level	Character	50	Chartor determined	120	
Mine_name	Name of the operation relating to the MWP	Character	50	Department Trade & Investment, Resources and Energy Division and Chartor determined	Acme Mine	
MWP_No	(MWP Catalogue Number)	Character	10	Department Trade & Investment, Resources & Energy Division determined	MWP123	
Provider	Mining Surveyor signing the CD-R	Character	50	Provider determined		
Source	Feature status	Character	50	Select from Options List		Mine survey, Other survey, Digitised, CAD drawn, Calculated, Coordinate entry, Mine records, Department records, Mining lease, Planning Approval, Mining Approval, other
Status	Feature status	Character	50	Select from Options List		Working, Discontinued, Abandoned, Current, Final, Destroyed, In progress, Temporary, Sealed, Open, Adopted by mine, Adopted by Department, Flooded, Indicated, Inferred

<i>Attribute Name</i>	<i>Description</i>	<i>Database Format</i>	<i>Max Length</i>	<i>Input Value</i>	<i>Example</i>	<i>Options List</i>
Theme_name	Name of theme	Character	50	Provider determined		
Work_Start	Date when workings first commenced in this horizon	Character	10	Chartor determined	30/11/2005	
Work_Finish	Date when workings completed in this horizon	Character	10	Chartor determined	30/11/2005	

TABLE 9.3

Theme Attribute Allocation and Feature Type

<i>Theme Name</i>	<i>Underground or Open Cut</i>	<i>Description</i>	<i>Feature Type</i>	<i>Attribute Category</i>		
				<i>*Core Attributes</i>	<i>Additional Attributes</i>	<i>**Metadata Attributes</i>
*Core Attributes are: Mine Name, MWP Number, Chart Date, Source, Endorse, Chartor, Descript,						
**Metadata Attributes are: Theme Name, Disk Name, File Name, File Date, Caution, Provider,						
Mine Workings Outline	Underground	Extent of workings at each level of an underground mine	Polygon	All	Level Name, Minimum RL, Maximum RL, Work Start, Work Finish, Status	All
Void Contours	Open Cut	Extent of the Open Cut void depicted by contours	Line	All	Height, Status.	All
Void Breaklines	Open Cut	Breaklines of the Open Cut void depicting edge of void, ramp edges, tops and toes etc	Line	All	Height, Status.	All

TABLE 9.4

File Naming Convention

<i>Theme name</i>	<i>Filename definition</i>	<i>Example</i>
Mine Workings Outline	extents_ <i>[MWPnumber]</i> _ <i>[Chart_date]</i>	extents_MWP701_Dec2008 (Mine Workings Outline theme for MWP701 charted December 2008)
Void Contours	void_cont_ <i>[MWP number]</i> _ <i>[Chart_date]</i>	Void_cont_MWP701_Dec2008 (Void Contours theme for MWP701 charted December 2008)
Void Breaklines	void_break_ <i>[MWP number]</i> _ <i>[Chart_date]</i>	Void_break_MWP701_Dec2008 (Void Breaklines theme for MWP701 charted December 2008)

TABLE 9.5

Metadata Statement

<i>Category</i>	<i>Element</i>	<i>Definition</i>
Theme	Theme name (user input)	Theme file name. (user input)
Features	Feature Type	Point, line or closed polygon. (user input)
Department Reference	MWP Catalogue Number	Mine Workings Plan catalogue number. (user input)

<i>Category</i>	<i>Element</i>	<i>Definition</i>
Custodian	Mine Operator	Corporation or individual person that operates the mine. (user input)
	Mine Name and Address	The name and postal address of the mine. (user input)
Description	Abstract	Brief summary description of the content of the theme. (user input)
Data Currency	Date of First Version	When the theme was first created. (user input)
	Date of this Version	Date of this version of the theme. (user input)
Theme Status	Progress	The status of the process of theme creation. (user input)
	Maintenance and update frequency	Frequency of changes or additions made to the theme. (user input)
Access	Stored data format	The format in which the theme is stored by the Mine Surveyor. (user input)
	Available format type	The format in which the theme is available. (user input)
	Access constraints	Restrictions or legal prerequisites that may apply to the access and use of the theme including licensing, liability, and copyright. (user input)
Data Quality	Lineage	A brief history of the source or production the theme. (user input)
	Accuracy Statement	A brief assessment of the closeness of the location of objects in the theme in relation to their true position on the Earth.
	Accuracy Attribute	A ranking that best determines the positional accuracy for a particular feature in the theme. 1: Error ellipse no greater than 100mm 2: 100mm – 500mm 3: 500mm – 2m 4: 2m – 10m 5: Greater than 10m
	Logical Consistency	A brief description of the degree of adherence of logical rules of data structure, attribution, and relationships. (user input)
	Completeness	An assessment of the extent and range in regard to completeness of coverage, attributions and verification. (user input)
Attributes (All)	Attributes attached to each feature object in the theme.	List each attribute attached as a data field to the features in the theme.
	Caution	Warning as to use of the theme.
	Chart_date	The date the feature object was recorded on the Mine Workings Plan.
	Chartor	Person recording feature object onto the Mine Workings Plan.
	Descript	Description of feature object.
	Disk_name	The name of the CD-R submitted for the Reporting Period.
	Endorse	Reference to a field book or other appropriate notation
	File_Date	The date the theme was supplied to the Department.
	File_name	Theme file name.
	Height	Height (AHD) of feature

<i>Category</i>	<i>Element</i>	<i>Definition</i>
	Horizon Name	Name of the underground horizon
	Minimum_RL	Minimum RL of the underground horizon
	Maximum_RL	Maximum RL of the underground horizon
	Mine_name	Name of the operation relating to the Mine Workings Plan.
	MWP_No	Department Catalogue Number
	Provider	Surveyor providing the theme to the Department.
	Source	Where the feature object was sourced from.
	Status	The status of the feature object in the Mine Workings Plan.
	Theme_name	The name of the theme.
	Work_start Work_finish	The date work commenced in an underground horizon The date work commenced in an underground horizon
Miscellaneous	No. of features: Source Pathname: Application Environment:	Number of individual features, for example, 500 boreholes Data location. This not required for submission but may support internal data management. Development environment.
Projection:	Name :	Map Grid Australia (MGA 94)
	Zone:	MGA [zone] (user input)
	Units :	Metres
	Datum:	Geocentric Datum of Australia 1994 (GDA94)
	Ellipsoid:	GRS80
Metadata date	Metadata date	Date on which the metadata record was created or modified. (user input)

PRIVATE ADVERTISEMENTS

COUNCIL NOTICES

GILGANDRA SHIRE COUNCIL

Roads Act 1993

Naming of Roads

NOTICE is hereby given that Gilgandra Shire Council, in pursuance of section 162 of the Roads Act 1993 has officially named the roads as shown hereunder:

Name	Location
Barneys Lane	Road running south off Everton Road providing access to new Gilgandra Industrial Park subdivision
Enterprise Drive	U shaped road coming east off Hargraves Lane providing access to lots in new industrial subdivision
Hercules Place	Road running east of Marshall Street in new Aero Park residential subdivision
Jabiru Place	Road running east of Marshall Street in new Aero Park residential subdivision
Wirraway Place	Road running east of Marshall Street in new Aero Park residential subdivision

P. A. MANN, General Manager, PO Box 23, Gilgandra NSW 2827. [7494]

LAKE MACQUARIE CITY COUNCIL

ERRATUM

THE notice published in the New South Wales Government Gazette of 18 December 2009, folio 6444, under the heading of "Naming of Roads" detailing the new road names of "Red Robin Road" and "Whistler Lane" at Cooranbong, is to be amended as follows:

Red Robin Lane
Whistler Drive

This erratum now amends the error with the gazettal date remaining 18 December 2009. BRIAN BELL, General Manager, Lake Macquarie City Council, Box 1906 Hunter Region Mail Centre NSW 2310. [7495]

LISMORE CITY COUNCIL

Roads Act 1993, Section 162

Naming of Public Road

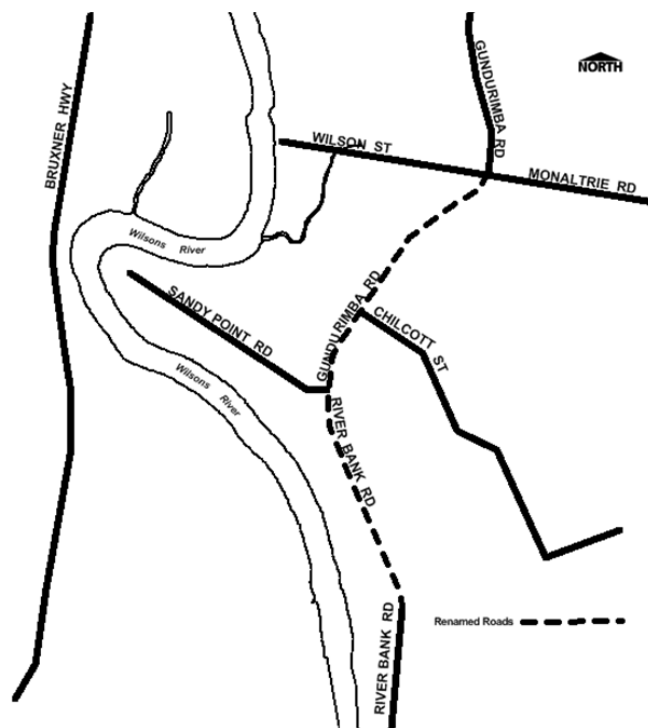
NOTICE is given that Lismore City Council, pursuant to the Roads Act 1993, section 162 and Roads Regulation 2008, has re-named the roadway described below:

Location/Description	Name
Road running south from junction of Gundurimba and Monaltrie Roads, to junction with Sandy Point Road, (previously known as Johnson or Cedar Street), Monaltrie	Gundurimba Road

Road continuing north from current River Bank Road northern extent of River Bank Road, to junction with Sandy Point Road (previously known as Cedar Street), Monaltrie

The diagram shows approximate location of the roadway described above, in the locality of Monaltrie.

Re-naming approved by Delegated Authority. The General Manager, Lismore City Council, PO Box 23A, Lismore NSW 2480.



[7496]

NORTH SYDNEY COUNCIL

Roads Act 1993, Section 162

Re-naming of Road

NOTICE is hereby given that North Sydney Council, in pursuance of section 162 of the Roads Act 1993, has re-named a portion of an existing road in the vicinity of North Sydney.

Current Road Name	Bent Street
New Road Name	Lower Bent Street
Location	Situated at the southern end of Bent Street, Neutral Bay which forms the lower portion comprising odd numbering extending from Nos 1 to 79 only as indicated on the schedule below.

SCHEDULE



Authorised by Resolution of Council on 13 May 2013 by the General Manager, North Sydney Council, PO Box 12, North Sydney NSW 2059. [7497]

PORT MACQUARIE-HASTINGS COUNCIL

Roads Act 1993

Section 10 – Dedication of Land as Public Road

NOTICE is hereby given that pursuant to section 10 of the Roads Act 1993, the Port Macquarie-Hastings Council dedicates the land described in the Schedule below to the public as road. CRAIG SWIFT-McNAIR, Acting General Manager, Port Macquarie-Hastings Council, Corner Lord and Burrawan Streets, Port Macquarie NSW 2444.

SCHEDULE

All of that piece of land being Lot 101, Deposited Plan 1179346, Parish and County Macquarie, being land situated adjacent to 214 Hastings River Drive, Port Macquarie.

[7498]

WALCHA COUNCIL

Roads Act 1993, Section 10

Notice of Dedication of Land as Public Road

NOTICE is hereby given that Walcha Council dedicates the land described in the Schedule below as public road under section 10 of the Roads Act 1993. JOHN O'HARA, General Manager, Walcha Council, PO Box 2, Walcha NSW 2354.

SCHEDULE

All those pieces or parcels of land situated in the Walcha Council Local Government Area, Locality of Nowendoc, shown as Lots 1-19 inclusive in DP 1138178. [7499]

WYONG SHIRE COUNCIL

Local Government Act 1993

Land Acquisition (Just Terms Compensation) Act 1991

Notice of Compulsory Acquisition of Land

WYONG SHIRE COUNCIL declares with the approval of Her Excellency the Governor that the easement described in the Schedule below, excluding any mines or deposits of minerals in the land, is acquired by compulsory process in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991 for drainage.

Dated at Wyong this 22nd day of January 2014. MICHAEL WHITTAKER, General Manager, Wyong Shire Council, PO Box 20, Wyong NSW 2259.

SCHEDULE

Easement for drainage over Lot 67, DP 1009123 shown in DP 1189494 and therein designated (B) Easement for Drainage 4.84 wide [7500]

WALCHA COUNCIL

Local Government Act 1993

Sale of Land for Overdue Rates and Charges

NOTICE is hereby given that Walcha Council has resolved in pursuance of section 713 of the Local Government Act 1993 to sell the land described hereunder (of which the persons named hereunder appear to be the owners or in which they appear to have an interest) and on which the amount of rates and charges stated in each as at 30 June 2013 is due:

<i>Owners of persons having an interest in land</i> (a)	<i>Description of land (Lot, Section and Deposited Plan No., street)</i> (b)	<i>Amount of rates and charges (including extra charges) overdue for more than five (5) years (\$)</i> (c)	<i>Amount of all other rates and charges (including extra charges) payable and unpaid (\$)</i> (d)	<i>Total (\$)</i> (e)
POTAPCZYK, Sophia (Estate of)	Wollun Road, Walcha Lot 231, DP 753836 Parish Congi, County Inglis	\$932.59	\$3,313.84	\$4,246.43
SLOAN, Francis Max	500 Blomfield Road, Yarrowitch Lot 33, DP 746038 Parish Kangaroo Flat, County Vernon	\$1,098.26	\$3,968.72	\$5,066.98

In default of payment to the Council of the amount stated in column (e) above and any other rates and charges becoming due and payable after the publication of this notice, or an arrangement satisfactory to Council for payment of all such rates being entered into by the rateable person before the time fixed for the sale, the said land will be offered for sale by public auction.

The auction will take place at 2.00pm on Thursday, 28 August 2014 at the Walcha Council Chambers, 2W Hamilton Street, Walcha. ABN 24 780 320 847.

JOHN O'HARA, General Manager, Walcha Council, PO Box 2, Walcha NSW 2354.

[7501]

ISSN 0155-6320

By Authority
PETER MUSGRAVE, Government Printer