




Resources
& Energy

DIGS user guide

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Geological Survey of New South Wales 

DIGS user guide

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What's new in DIGS – updated July 2011

Changes to metadata standards and report descriptions

To improve the search experience, the way the tenement name/number and report year is record in DIGS for exploration reports has been changed.

For tenement name/number there is new format

tenement type followed by *4 digit number* Eg EL2310

Ranges no longer used, each relevant tenement name/number will be listed.

Eg ELs 510 and 2310 will now be listed EL0510 EL2310

Multiple years are no longer described using a range of different syntaxes, now each year will be listed

Eg 1991-93 now listed 1991 1992 1993

Eg 1986 to 88 now listed 1986 1987 1988

New Record Type for Exploration License Conditions has been added

Coal and Petroleum exploration license conditions documents are now being archived in DIGS. To search for such documents, at the DIGS search screen;

select record type of Exploration License Condition

and

enter the tenement number in the Report/Document Number field eg EL7063

or enter the exploration licence application number in the Tenement Name/Number eg ELA100

What's in DIGS

The DIGS (Digital Imaging of Geological Systems) database contains a wealth of exploration, geological and mining information in the form of reports, departmental publications, maps, plans and heritage records. There are over 126 000 reports, with approximately 3.5 million pages, that's 5 terabytes of digital data.

Mineral records include:

Exploration reports including geochemistry, drillhole logs, downhole surveys ; mine reports; research reports

Coal records include:

Exploration reports, borehole reports, coal resource reports, licence conditions

Petroleum records include:

Petroleum geology reports including soil gas surveys, geological & geophysical interpretations, Well completion reports, seismic survey reports, airborne survey, licence conditions

Title Plans:

Record tracings, survey plans, working plans, consolidated leases

Maps include:

Departmental geological maps, cartographic plans, heritage maps

Departmental publications

Minfo, Quarterly reports, bulletins, annual reports and past publications like Mineral Industry Reviews, Annual report compilations.

File Types/Formats stored in DIGS database

Records are stored in non-proprietary file formats such as PDF, TIFF, MULTIPAGE TIFF, JPG, TXT. Petroleum LAS and DAT files are compiled as ZIP files.

Text based Search using DIGS search engine

Reports Search

The DIGS>Reports search web page is the gateway to the DIGS database. By entering information into the search fields and clicking the search button, users are able to access reports from the Department's collections.

DIGS > Reports Search

Reports Search Help

Report Number:

Report Identification Number:

Confidentiality:

Authors/Company Name:

Report Title:

Report Description:

Subject Terms/Keywords:

Report Year:

Tenement Name/Number:

Map Sheet:

Location:

Abstract:

Document Filter:

Record Types to Search:

- Minerals
 - Mineral Exploration Reports
 - Mine Records
 - Research Reports
 - Annual Report Compilations
- Coal Exploration Reports
- Petroleum Exploration Reports
- Titles
 - Record Tracing
 - Survey Plan
 - Working Plan
 - Consolidated Lease
 - Exploration Licence Conditions
- Departmental Map Collection
 - Cartographic Maps
 - Heritage Maps
- Departmental Publications
- Environmental Reports
- Bibliographic Retrieval System

Results per page: 50

Search

Figure 1. DIGS search screen

Searching

Enter text in one or more of the search fields, select the desired number of results displayed per page, press the search button. Placing text in two or more fields will narrow down the search. For example searching with these two terms “goldsearch” and “exploration” as shown in Figure 2 would return a list of all reports that contain “goldsearch” as the author or company name **AND** those reports that contain the word “exploration” in the title.

Authors/Company Name:	goldsearch
Report Title:	exploration

Figure 2. Searching by company name and report title

However, you must use terms precisely as they would appear in the DIGS report. Do not use a string of terms as in a Google type search. The DIGS search engine will seek exactly what you have entered.

It is recommend that unless you have the exact title or report number you conduct a broad search first, that is use fewer search terms and search for combination of letters within words (syllables) rather than whole words. For example use 'gold' not 'goldsearch' or 'explor' not 'exploration'. A report title search for 'coa' would display all reports with these letters in the title like 'coal~~dale~~' and 'coco~~a~~' etc. This is especially useful if you are unsure of an exact spelling or even a date. This applies to numbers as well, search for '196' in the report description field would display all reports produced in the 1960s.

The search fields are not case-sensitive (i.e. they do not differentiate between capital and lower case characters) and can accept more than one word. Entering more than one term in the same field exactly as they would appear in the database, narrows the search in a similar ways to that shown above.

Search Screen Field Explanations

Report Number. A unique string that identifies a report or set of reports, often referred to as a 'GS number'. It is typically a combination of letters and numbers ie GS2004/123. If this number is known, using this field is the most efficient way of searching.

Note: that the report number format, particularly the prefix letters used, have changed over time. Pre 2000, the prefix indicated the type of report eg. CR - coal report, PGR - petroleum geology report, GS -geological systems report. Currently GS is used for most types of reports.

Confidentiality Only open or non-confidential reports are available to the public over the internet. See FAQ for how to access confidential reports.

Authors/Company Name This field searches the names of the author(s) of a report, and/or the company that produced the report e.g. Newcrest or Facer, R.

Note: traditionally only department produced reports were indexed with individual author names.

Report Title The field is ideal for locating report titles that contain a specific word or phrase or that belong to a series publication e.g. Coal Industry Profile 2007, Quarterly Notes, Mineral Record, petroleum exploration report

The current mineral exploration report naming convention is:

First Annual Report on EL1111 – Green Hornets Corner project, covering period 2
January 2009 to 1 January 2010

The current petroleum well completion report convention is:

Well Completion Report (WCR) on Big Hole#1 (BH01), PEL000, Rowan Basin

Report Description This commonly contains the year the report was submitted, what type of report it is e.g. first annual exploration report, well completion report, coal report

Subject Terms These terms and keywords are related to the type of report, the content, or any other relevant characteristic. Examples of search terms are: stratigraphy, Silurian, seismic or geochemistry

Tenement This field can be used to search for reports that are specific to a tenement area. To do this, the licence number must be known for the tenement. There is no space between the tenement prefix and the number e.g. EL4692

Map This field can be used to search for all reports for a specific map sheet e.g. Menindee SI5601 for the 1:250 000 Singleton map sheet or Merriwa 8933 for the 1:100 000 map sheet, or 8933-4 for the four 1:25 000 sheets within the northern section of the 1:250 000 area.

For a list of map sheets see Appendix 1

Location This field can be used to search for reports that are associated with a general locality. This could include searches such as Cobar, Broken Hill or Sydney Basin

Abstract Every report entered into the DIGS database contains an abstract that outlines the contents of the report. This field usually contains a broader range of keywords and is useful if the user has no specific terms for the previous fields.

Document Filter

The first 12 fields, that is Report Number to Abstract are 'report template' search fields. The Document Filter is for specific data in the documents description metadata. It must be used in conjunction with the report template fields and generally requires at least a minimum general entry like "min" or "coal" or 'explor' in Subject Terms field for the Document Filter to work.



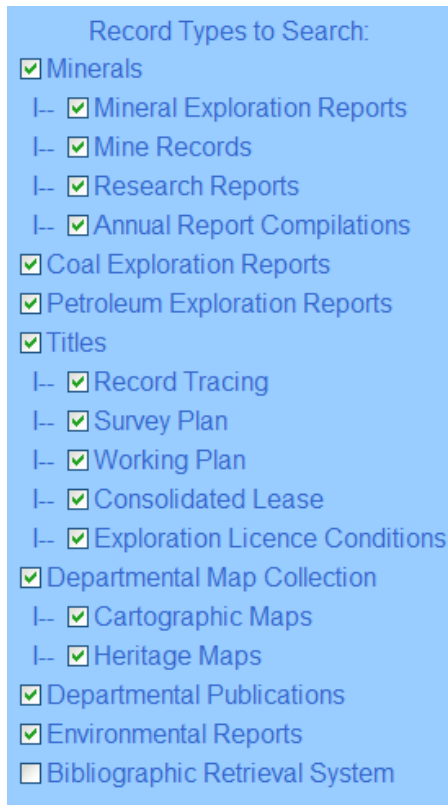
Figure 3. Document filter field

Select	Document Description	Code
<input checked="" type="checkbox"/>	Cover page & text (6 pp) includes summary sampling data	COV
<input checked="" type="checkbox"/>	Appendix 1 Gas content analysis (13 pp)	APX
<input checked="" type="checkbox"/>	Appendix 2 Gas Desorption data (2 pp)	APX
<input checked="" type="checkbox"/>	Drill Hole Section	PLN
<input checked="" type="checkbox"/>	Drilling - Collar Data	-
<input checked="" type="checkbox"/>	Drilling - Survey Data	-
<input checked="" type="checkbox"/>	Drilling - Assay Data	-
<input checked="" type="checkbox"/>	Drilling - Lithology Logs Data	-

Figure 4 document descriptions

Record Types

Choosing to restrict the search to a particular record type will assist in refining your search results to only relevant record types. You can select one or multiple types of records; the default is to search all DIGS records



Record Types to Search:

- Minerals
 - I- Mineral Exploration Reports
 - I- Mine Records
 - I- Research Reports
 - I- Annual Report Compilations
- Coal Exploration Reports
- Petroleum Exploration Reports
- Titles
 - I- Record Tracing
 - I- Survey Plan
 - I- Working Plan
 - I- Consolidated Lease
 - I- Exploration Licence Conditions
- Departmental Map Collection
 - I- Cartographic Maps
 - I- Heritage Maps
- Departmental Publications
- Environmental Reports
- Bibliographic Retrieval System

Figure 5. List of Record Types from DIGS search interface

SEARCH TIPS to locate particular types of publications

The Report Number field shortcuts can be used to locate serial departmental publications

Publication Titles	Search term	extra
Departmental Annual Reports	annual	Year = xxxx
Bulletin	bulletin	
Explanatory Notes	explan	
Memoir	memoir	
Minfo	minfo	
Quarterly Notes	qn	
Coal Industry Profile	cip	
Mineral Industry Review	MIR or industry	
Mine Records	MR	
Geological Survey Records	Record plus volume no.	
Std series geological maps	map	

Go to GS1987/346 (placed in the Report Number field) for a report which will provide information on Mineral Resources publications from 1875 to 1994

Also refer to www.dpi.nsw.gov.au/minerals/geological/publications for list of publications and <http://www.dpi.nsw.gov.au/minerals/geological/publications/geoscience-publications-scientific-papers> for recent scientific papers published by department staff.

SEARCH TIPS to locate particular types of coal records

Coal Drilling: For coal drill microfiche in general put MF in Report Number field, hone by using the Location field eg. camb, short for Camberwell

SEARCH TIPS to locate standard series geological maps

Put 'Map' in Report Number field and hone search with detail in other fields.

Try a location name in 'Report Title' or 'Location' or 'Abstract' or Document Filter (remember it needs a bit of a word in top 12 fields).

See Appendix 1

Wildcard characters

There is no need to use wildcard characters you can simply search on part of a word eg. Indust will find 'industries' and 'industry'.

Searching for Drillhole data

Put 'drill' into the document filter and use either 'min' (mineral exploration) or 'coal' (coal exploration) or 'petrol' (petroleum exploration) in the 'Subject' field along with a 'Year' or 'Location' or 'Map Number' to narrow down the search.

Spatial Search of DIGS using MinView map portal

Reports can also be accessed from the MinView map portal. A number of layers in MinView have relevant reports listed in their attribute tables and in many cases this includes a hyperlink to the record held in DIGS. These layers include;

- Mineral, coal and petroleum boreholes
- Mineral, coal and petroleum titles
- Metallic deposits and
- Seismic lines.

Mineral Drill Holes 10 feature(s)										
	Bore Name	Company	Mineral Description	Title Definition	Title No.	GS Reports	Core Lib. Location	Drill Type	Prospect Name	Total Depth
View	B11	Redfire Resources NL		EL	EL3575	GS1994/171		Rotary	Bourke	13
View	B12	Redfire Resources NL		EL	EL3575	GS1994/171		Rotary	Bourke	19
View	B13	Redfire Resources NL		EL	EL3575	GS1994/171		Rotary	Bourke	19
View	B14	Redfire Resources NL		EL	EL3575	GS1994/171		Rotary	Bourke	14
View	B15	Redfire Resources NL		EL	EL3575	GS1994/171		Rotary	Bourke	19

Figure 6. Mineral drill hole attribute table with report hyperlinks as seen in MinView

FAQ

Why is a report confidential?

A report remains confidential for the life of the tenement. When a tenement expires the report is made available to the public. If you have found a report classified confidential but believe it should be open please email digs.info@industry.nsw.gov.au, include the report number and tenement.

How do I find data for a particular drillhole?

Mineral

Individual mineral drillhole numbers may not be indexed into a DIGS report. Use the tenement number in the 'Tenement' field and place 'drill' in the 'Subject' field. It is more effective to use the MinView spatial search as the historical tenements layer is completely up to date. Be aware that recent drillhole data on active tenements will be confidential and unavailable to users.

Coal

Place 'coal' in the 'Subject' field and put the borehole number into the document filter.

Petroleum

The drillhole numbers may not be indexed into the document field. Place the PEL number into the 'Tenement' field if known or place 'drill' into the subject field in conjunction with a locality or map number in either of the respective fields. The MinView spatial search is also an effective method for researching drillhole data.

Can I get a geo-referenced image of a geological map?

Geo-referenced images of standard series geological maps are available from the Geological Survey of NSW but they are not held in DIGS. The images can be downloaded in ECW formats, from the [Geoscience Product Catalogue](#) pages on Minerals and Petroleum website.

www.dpi.nsw.gov.au/minerals/geological/publications/ordering/geoscience-products-catalogue

Unavailable scales can be requested from geoscience.products@industry.nsw.gov.au

How do I purchase a hardcopy version of a departmental publication?

Purchases can be made through the Information and Customer Services Counter. Call +61 2 4931 6666 or email mineralpublication.orders@industry.nsw.gov.au

Alternatively, for a selected number of recent publications, you may purchase them on-line at www.shop.nsw.gov.au

Contacts

All enquires and feedback regarding the DIGS database or search engine should be emailed to the Geoscience Knowledge Management Unit at digs.info@industry.nsw.gov.au

Further Information

Exploration guidelines

www.dpi.nsw.gov.au/minerals/titles/exploration-reporting

Geoscience product catalogue

www.dpi.nsw.gov.au/minerals/geological/publications/ordering/geoscience-products-catalogue

Heritage maps

www.dpi.nsw.gov.au/minerals/geological/heritage-maps

MinView

www.dpi.nsw.gov.au/minerals/geological/online-services/minview

Appendix 1 Topographic Map Sheet Index

Ana Branch	SI5407	Lake Victoria	7130
Ana Branch	SI5407	Scotia	7131
Ana Branch	SI5407	Bunnerungee	7230
Ana Branch	SI5407	Popiltah	7231
Ana Branch	SI5407	Para	7330
Ana Branch	SI5407	Cuthero	7331
Angledool	SH5507	Narran	8338
Angledool	SH5507	Goodooga	8339
Angledool	SH5507	Cumborah	8438
Angledool	SH5507	Lightning Ridge	8439
Angledool	SH5507	Dungalear	8538
Angledool	SH5507	Dunumbral	8539

Balranald	SI5412	Robinvale	7428
Balranald	SI5412	Wild Dog	7429
Balranald	SI5412	Weimby	7528
Balranald	SI5412	Bidura	7529
Balranald	SI5412	Balranald	7628
Balranald	SI5412	Paika	7629
Barnato	SH5513	Woolakulkra	7734
Barnato	SH5513	Nelyambo	7735
Barnato	SH5513	Barnato	7834
Barnato	SH5513	Innesowen	7835
Barnato	SH5513	The Meadows	7934
Barnato	SH5513	Booroondarra	7935
Bathurst	SI5508	Cowra	8630
Bathurst	SI5508	Molong	8631
Bathurst	SI5508	Blayney	8730
Bathurst	SI5508	Orange	8731
Bathurst	SI5508	Oberon	8830
Bathurst	SI5508	Bathurst	8831
Bega	SJ5504	Numbla	8624
Bega	SJ5504	Berridale	8625
Bega	SJ5504	Bombala	8724
Bega	SJ5504	Cooma	8725
Bega	SJ5504	Bega	8824
Bega	SJ5504	Cobargo	8825

Bega	SJ5504	Gralen Point	8924
Bega	SJ5504	Narooma	8925
Bendigo	SJ5501	Echuca	7825
Bendigo	SJ5501	Shepparton	7925
Booligal	SI5505	Culpataro	7730
Booligal	SI5505	Kileera	7731
Booligal	SI5505	Booligal	7830
Booligal	SI5505	Mossgiel	7831
Booligal	SI5505	Muckerumba	7930
Booligal	SI5505	Willandra	7931
Bourke	SH5510	Gunderbooka	8036
Bourke	SH5510	Bourke	8037
Bourke	SH5510	Byrock	8136
Bourke	SH5510	Mount Oxley	8137
Bourke	SH5510	Glenariff	8236
Bourke	SH5510	Gongolgon	8237
Broken Hill	SH5415	Broken Hill	7134
Broken Hill	SH5415	Corona	7135
Broken Hill	SH5415	Taltingan	7234
Broken Hill	SH5415	Fowlers Gap	7235
Broken Hill	SH5415	Topar	7334
Broken Hill	SH5415	Nuchea	7335
Canberra	SI5516	Tantangara	8626
Canberra	SI5516	Brindabella	8627

Canberra	SI5516	Michelago	8726
Canberra	SI5516	Canberra	8727
Canberra	SI5516	Araluen	8826
Canberra	SI5516	Braidwood	8827
Cargelligo	SI5506	Merriwagga	8030
Cargelligo	SI5506	Hillston	8031
Cargelligo	SI5506	Rankins Springs	8130
Cargelligo	SI5506	Cargelligo	8131
Cargelligo	SI5506	Ungarie	8230
Cargelligo	SI5506	Tullibigeal	8231
Cobar	SH5514	Wrightville	8034
Cobar	SH5514	Cobar	8035
Cobar	SH5514	Canbelego	8134
Cobar	SH5514	Sussex	8135
Cobar	SH5514	Hermidale	8234
Cobar	SH5514	Coolabah	8235
Cobham Lake	SH5411	Teilta	7136
Cobham Lake	SH5411	Smithville	7137
Cobham Lake	SH5411	Bancannia	7236
Cobham Lake	SH5411	Mount Arrowsmith	7237
Cobham Lake	SH5411	Wonnaminta	7336
Cobham Lake	SH5411	Cobham Lake	7337
Coffs Harbour	SH5611	Coffs Harbour	9537
Coffs Harbour	SH5611	Nambucca	9536

Cootamundra	SI5511	Coolamon	8328
Cootamundra	SI5511	Barmedman	8329
Cootamundra	SI5511	Junee	8428
Cootamundra	SI5511	Temora	8429
Cootamundra	SI5511	Cootamundra	8528
Cootamundra	SI5511	Young	8529
Deliniquin	SI5513	Cohuna	7726
Deliniquin	SI5513	Moulamein	7727
Deliniquin	SI5513	Mathoura	7826
Deliniquin	SI5513	Wanganella	7827
Deliniquin	SI5513	Tuppal	7926
Deliniquin	SI5513	Conargo	7927
Dorrigo	SH5610	Armidale	9236
Dorrigo	SH5610	Guyra	9237
Dorrigo	SH5610	Carrai	9336
Dorrigo	SH5610	Ebor	9337
Dorrigo	SH5610	Macksville	9436
Dorrigo	SH5610	Dorrigo	9437
Dorrigo	SH5610	Nambucca	9536
Dorrigo	SH5610	Coffs Harbour	9537
Dubbo	SI5504	Wellington	8632
Dubbo	SI5504	Dubbo	8633
Dubbo	SI5504	Euchareena	8732
Dubbo	SI5504	Cobbora	8733

Dubbo	SI5504	Mudgee	8832
Dubbo	SI5504	Gulgong	8833
Enngonia	SH5506	Lower Lila	8038
Enngonia	SH5506	Enngonia	8039
Enngonia	SH5506	Warranweena	8138
Enngonia	SH5506	Gerara	8139
Enngonia	SH5506	Brewarrina	8238
Enngonia	SH5506	Weilmoringle	8239
Forbes	SI5507	Wyalong	8330
Forbes	SI5507	Condobolin	8331
Forbes	SI5507	Marsden	8430
Forbes	SI5507	Bogan Gate	8431
Forbes	SI5507	Grenfell	8530
Forbes	SI5507	Parkes	8531
Gilgandra	SH5516	Gilgandra	8634
Gilgandra	SH5516	Tenandra	8635
Gilgandra	SH5516	Mendooran	8734
Gilgandra	SH5516	Coonabarabran	8735
Gilgandra	SH5516	Coolah	8834
Gilgandra	SH5516	Tamba Springs	8835
Goondiwindi	SH5601	Goondiwindi	8940
Goondiwindi	SH5601	Yetman	9040
Goondiwindi	SH5601	Texas	9140
Goulburn	SI5512	Yass	8628

Goulburn	SI5512	Boorowa	8629
Goulburn	SI5512	Gunning	8728
Goulburn	SI5512	Crookwell	8729
Goulburn	SI5512	Goulburn	8828
Goulburn	SI5512	Taralga	8829
Grafton	SH5606	Glen Innes	9238
Grafton	SH5606	Clive	9239
Grafton	SH5606	Newton Boyd	9338
Grafton	SH5606	Tenterfield	9339
Grafton	SH5606	Grafton	9438
Grafton	SH5606	Coaldale	9439
Hastings	SH5614	Upper Manning	9234
Hastings	SH5614	Yarrowitch	9235
Hastings	SH5614	Wingham	9334
Hastings	SH5614	Cowarral	9335
Hastings	SH5614	Camdenhaven	9434
Hastings	SH5614	Kempsey	9435
Hastings	SH5614	Korogoro Point	9535
Hay	SI5509	Dry Lake	7728
Hay	SI5509	Oxley	7729
Hay	SI5509	Hay	7828
Hay	SI5509	One Tree	7829
Hay	SI5509	Moggumbill	7928
Hay	SI5509	Gunbar	7929

Inverell	SH5605	Gravesend	8938
Inverell	SH5605	Croppa Creek	8939
Inverell	SH5605	Bingara	9038
Inverell	SH5605	Yallaroi	9039
Inverell	SH5605	Inverell	9138
Inverell	SH5605	Ashford	9139
Ivanhoe	SI5501	Ivanhoe	7732
Ivanhoe	SI5501	Baden Park	7733
Ivanhoe	SI5501	Conoble	7832
Ivanhoe	SI5501	Neckarboo	7833
Ivanhoe	SI5501	Coombie	7932
Ivanhoe	SI5501	Keewong	7933
Jerilderie	SI5514	Berrigan	8026
Jerilderie	SI5514	Jerilderie	8027
Jerilderie	SI5514	Buraja	8126
Jerilderie	SI5514	Urana	8127
Jerilderie	SI5514	Walbundrie	8226
Jerilderie	SI5514	Lockhart	8227
Louth	SH5509	Thoolabool	7736
Louth	SH5509	Kango	7737
Louth	SH5509	Winbar	7836
Louth	SH5509	Utah Lake	7837
Louth	SH5509	Louth	7936
Louth	SH5509	Toorale	7937

Maclean	SH5607	Bare Point	9538
Maclean	SH5607	Woodburn	9539
Mallacoota	SJ5508	Bendock	8623
Mallacoota	SJ5508	Cragie	8723
Mallacoota	SJ5508	Eden	8823
Mallacoota	SJ5508	Green Cape	8923
Manara	SI5404	Bono	7432
Manara	SI5404	Nartooka	7433
Manara	SI5404	Boolaboolka	7532
Manara	SI5404	Teryaweynya	7533
Manara	SI5404	Darnick	7632
Manara	SI5404	Manara	7633
Manilla	SH5609	Boggabri	8936
Manilla	SH5609	Horton	8937
Manilla	SH5609	Manilla	9036
Manilla	SH5609	Cobbadah	9037
Manilla	SH5609	Bendemeer	9136
Manilla	SH5609	Bundarra	9137
Menindee	SI5403	Buckalow	7132
Menindee	SI5403	Thackaringa	7133
Menindee	SI5403	Middle Camp	7232
Menindee	SI5403	Redan	7233
Menindee	SI5403	Lake Tendou	7332
Menindee	SI5403	Menindee	7333

Mildura	SI5411	Lindsay	7129
Mildura	SI5411	Wentworth	7229
Mildura	SI5411	Nowingi	7328
Mildura	SI5411	Mildura	7329
Milparinka	SH5407	Hawker Gate	7138
Milparinka	SH5407	Fort Grey	7139
Milparinka	SH5407	Milparinka	7238
Milparinka	SH5407	Olive Downs	7239
Milparinka	SH5407	Yantara	7338
Milparinka	SH5407	Tibooburra	7339
Moree	SH5508	Collarenebri	8638
Moree	SH5508	Mogil Mogil	8639
Moree	SH5508	Bunna Bunna	8738
Moree	SH5508	Bunarba	8739
Moree	SH5508	Bellata	8838
Moree	SH5508	Moree	8839
Narrabri	SH5512	Gwabegar	8636
Narrabri	SH5512	Pilliga	8637
Narrabri	SH5512	Baradine	8736
Narrabri	SH5512	Wee Waa	8737
Narrabri	SH5512	Baan Baa	8836
Narrabri	SH5512	Narrabri	8837
Narrandera	SI5510	Coleambally	8028
Narrandera	SI5510	Kooroongal	8029

Narrandera	SI5510	Yanco	8128
Narrandera	SI5510	Griffith	8129
Narrandera	SI5510	Narrandera	8228
Narrandera	SI5510	Ardlethan	8229
Narromine	SI5503	Boona Mount	8332
Narromine	SI5503	Tottenham	8333
Narromine	SI5503	Tullamore	8432
Narromine	SI5503	Dandaloo	8433
Narromine	SI5503	Peak Hill	8532
Narromine	SI5503	Narromine	8533
Newcastle	SI5602	Newcastle	9232
Newcastle	SI5602	Dungog	9233
Newcastle	SI5602	Port Stephens	9332
Newcastle	SI5602	Bulahdelah	9333
Newcastle	SI5602	Forster	9433
Nymagee	SI5502	Mount Allen	8032
Nymagee	SI5502	Lachlan Downs	8033
Nymagee	SI5502	Kilparney	8132
Nymagee	SI5502	Nymagee	8133
Nymagee	SI5502	Gindoono	8232
Nymagee	SI5502	Bobadah	8233
Nyngan	SH5515	Nyngan	8334
Nyngan	SH5515	Canonba	8335
Nyngan	SH5515	Warren	8434

Nyngan	SH5515	Mt Harris	8435
Nyngan	SH5515	Bundemar	8534
Nyngan	SH5515	Gulargambone	8535
Pooncarrie	SI5408	Arumpo	7430
Pooncarrie	SI5408	Pooncarrie	7431
Pooncarrie	SI5408	Turlee	7530
Pooncarrie	SI5408	Mulurulu	7531
Pooncarrie	SI5408	Hatfield	7630
Pooncarrie	SI5408	Manfred	7631
Singleton	SI5601	Mt Pomany	8932
Singleton	SI5601	Merriwa	8933
Singleton	SI5601	Howes Valley	9032
Singleton	SI5601	Muswellbrook	9033
Singleton	SI5601	Cessnock	9132
Singleton	SI5601	Camberwell	9133
St George	SH5504	Burrenbar	8740
St George	SH5504	Boomi	8840
Swan Hill	SI5416	Nyah	7527
Swan Hill	SI5416	Kerang	7626
Swan Hill	SI5416	Swan Hill	7627
Sydney	SI5605	Katoomba	8930
Sydney	SI5605	Wallerawang	8931
Sydney	SI5605	Penrith	9030
Sydney	SI5605	St Albans	9031

Sydney	SI5605	Sydney	9130
Sydney	SI5605	Gosford	9131
Sydney	SI5605	Lake Macquarie	9231
Tallangatta	SJ5503	Tallangatta	8325
Tallangatta	SJ5503	Corryong	8425
Tallangatta	SJ5503	Jacobs River	8524
Tallangatta	SJ5503	Kosciusko	8525
Tamworth	SH5613	Blackville	8934
Tamworth	SH5613	Curlewis	8935
Tamworth	SH5613	Murrurundi	9034
Tamworth	SH5613	Tamworth	9035
Tamworth	SH5613	Ellerston	9134
Tamworth	SH5613	Nundle	9135
Tweed Heads	SH5603	Lismore	9540
Tweed Heads	SH5603	Murwillumbah	9541
Tweed Heads	SH5603	Ballina	9640
Tweed Heads	SH5603	Tweed Heads	9641
Ulladulla	SI5613	Batemans Bay	8926
Ulladulla	SI5613	Ulladulla	8927
Ulladulla	SI5613	Jervis Bay	9027
Urisino	SH5408	Clifton Bore	7438
Urisino	SH5408	Tongowoko	7439
Urisino	SH5408	Urella	7538
Urisino	SH5408	Thurloo Downs	7539

Urisino	SH5408	Urisino	7638
Urisino	SH5408	Berawinnia Downs	7639
Wagga Wagga	SI5515	Holbrook	8326
Wagga Wagga	SI5515	Wagga Wagga	8327
Wagga Wagga	SI5515	Rosewood	8426
Wagga Wagga	SI5515	Tarcutta	8427
Wagga Wagga	SI5515	Yarrangobilly	8526
Wagga Wagga	SI5515	Tumut	8527
Walgett	SH5511	Hermidon	8336
Walgett	SH5511	Geera	8337
Walgett	SH5511	Quambone	8436
Walgett	SH5511	Carinda	8437
Walgett	SH5511	Coonamble	8536
Walgett	SH5511	Walgett	8537
Wangaratta	SJ5502	Dookie	8025
Wangaratta	SJ5502	Wangaratta	8125
Wangaratta	SJ5502	Albury	8225
Warwick	SH5602	Stanthorpe	9240
Warwick	SH5602	Drake	9340
Warwick	SH5602	Warwick	9341
Warwick	SH5602	Bonalbo	9440
Warwick	SH5602	Mt Lindesay	9441
White Cliffs	SH5412	Kayrunnera	7436
White Cliffs	SH5412	Yancannia	7437

White Cliffs	SH5412	White Cliffs	7536
White Cliffs	SH5412	Monolon	7537
White Cliffs	SH5412	Yantabangee	7636
White Cliffs	SH5412	Tongo	7637
Wilcannia	SH5416	Bunda	7434
Wilcannia	SH5416	Grasmere	7435
Wilcannia	SH5416	Wilcannia	7534
Wilcannia	SH5416	Mena Murtee	7535
Wilcannia	SH5416	Murtee	7634
Wilcannia	SH5416	Callindra	7635
Wollongong	SI5609	Moss Vale	8928
Wollongong	SI5609	Burragorang	8929
Wollongong	SI5609	Kiama	9028
Wollongong	SI5609	Wollongong	9029
Wollongong	SI5609	Port Hacking	9129
Yantabulla	SH5505	Wanaaring	7738
Yantabulla	SH5505	Talyealye	7739
Yantabulla	SH5505	Tinchelooka	7838
Yantabulla	SH5505	Brindingabba	7839
Yantabulla	SH5505	Fords Bridge	7938
Yantabulla	SH5505	Yantabulla	7939