



Industry &
Investment

Archival Research

Investigations to be completed when researching or planning to mine in and around Old Workings - A Guide

Contents

- Abstract
- Introduction
- Preliminary Research
 - ❖ Website Research
 - ❖ Online Applications
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- Summary
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Abstract

Following the Gretley disaster, which occurred in November 1996, the need for and value of the development of formal guidelines was evident from the recommendations of the inquiry held by Justice Staunton.

In line with recommendation 3 of Justice Staunton's findings a "Guide for Searching Coal Mine Records in the New South Wales Department of Mineral Resources", was developed by officers of the Department and was incorporated into the Gretley Information and Retraining Seminars held in November 1998.

Prior to Gretley, no actual guidelines, training or formal education through any mining curriculum existed within the coal mining industry for research into mine workings.

This Guide was developed to assist surveyors, managers and other persons who need to undertake a search of the Department's coal mining records.

The outline and content of this Guide has been reviewed on several occasions to take into account experience gained over the last decade. Changes to the methods of storage and cataloguing within Mineral Resources Branch is currently under review.

Introduction

- The Department of Industry and Investment's Mineral Resources Branch (MRB) through
 - files
 - index systems
 - registers
 - maps and plansprovides a history of mining in New South Wales.
In many instances this material is “primary source” information.
- Information relating to the extent, accuracy and history of coal mine workings may be researched through a range of material held at MRB. This research may be extended into other sources and areas.
- Additionally, the potential for the existence of mines other than coal, such as shale or metals, should be investigated.

Preliminary Research

- Continual updating of information and systems within the MRB has resulted in surveyors being able to conduct preliminary research via the website.
- This provides a good starting point prior to visiting the MRB.
- Preliminary research begins with the website utilising tools such as
 - Minview,
 - DIGS,
 - Tasmapi and
 - the Library Catalogue.

Website Research

<http://www.dpi.nsw.gov.au/>

The screenshot shows the website's navigation menu with 'Minerals and petroleum' highlighted. The main content area features a large image of a greenhouse with the text 'Profitable. Sustainable.' and a sidebar with various news and event listings.

NSW Government | Industry & Investment

INDUSTRY & INVESTMENT NSW | A-Z INDEX | SEARCH | CONTACT US

Primary Industries

Profitable. Sustainable.

- Agriculture
- Fishing and aquaculture
- Forests
- Minerals and petroleum**
- About us and our services

A-Z INDEX
A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

NEW DEPARTMENT
In July 2009, the Department of Primary Industries became part of Industry & Investment NSW. Find out more...

SPOTLIGHT

- Rural Lands Protection Regulation 2010 - public consultation
- Pest alert: Myrtle Rust
- Review of the Rice Marketing Act 1983 - Information Paper
- Fisheries Management (General) Regulation 2010 - public consultation
- Mining Regulation 2010 - public consultation
- Code for Routine Exploration Activities with Low Environmental Impact - public consultation
- Animal Research Regulation 2010 - public consultation
- Farmer and young farmer of the year 2010
- Winter crop variety sowing guide 2010

EVENTS

- Power of connecting using social media - Business MasterClass Program 2010 16th Jun 2010
- Getting started in export - Marketing & visiting your target markets 16th Jun 2010
- Beef production in Holbrook and Sheep production in Culcairn in 2030 16th Jun 2010
- Cotton as an Option in the Southern Riverina 17th Jun 2010
- Webinar: 10 Strategies for Micro Business 17th Jun 2010

BIOSECURITY
Protecting New South Wales

EDUCATION AND TRAINING
Setting a course for the future

SCIENCE AND RESEARCH
Innovative solutions for primary industries

NEWS RELEASES

- 11 Jun 2010
International beef forum brings major players to Australia
- 11 Jun 2010
June Long Weekend last chance to fish streams and rivers for trout [43.9 KB PDF]
- 11 Jun 2010
Central NSW anglers reminded trout season closes this June Long Weekend
- 10 Jun 2010
Tastes great, but how does it feel?
- 10 Jun 2010
I&I NSW scientist named 'Researcher of the Year' [66.3 KB PDF]
- 10 Jun 2010
Which water weed is that?
- 10 Jun 2010
NSW food industry leader honoured in China [67.6 KB PDF]
- 10 Jun 2010
Biggest under-crop biochar trials in NSW underway at Holbrook
- 08 Jun 2010

PRIMARY INDUSTRIES Minerals and Petroleum



TOPICS

- Safety
- Environment
- Geological Survey
- Resources & investment
- Titles

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A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z


RESOURCES

- Geoscience product catalogue
- Online minerals applications
- Drill core libraries & reference collections

Libraries


- Historical resources
- Publications
- Legislation

 **Reforms to the mining regulatory framework**
The proposed Mining Regulation 2010 and the proposed Exploration Code are now on exhibition.

 **Lightning Ridge**
Information related to opal mining in the Lightning Ridge Mineral Claims District

 **Minerals & Petroleum Project Maps**
Advanced Mineral Projects & Exploration Highlights in NSW, released August 2009

 **Low emissions coal technologies**
Technologies designed to enhance the efficiency and reduce the environmental impacts of coal extraction, preparation and use

 **Reservoir prediction studies**
The Sydney Basin and Darling Basin studies provide a better understanding of the storage potential for CO₂ in NSW.

LATEST PUBLICATIONS

May 2010
Explanatory notes for the Koonenberry Belt geological maps (Bulletin 35)

Apr 2010
Contribution of primary industries to the NSW economy (384 kb, PDF)

Jan 2010
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21 Apr 2010

ONLINE MINERALS APPLICATIONS

 **Minview - New version now available!**
MinView allows users to interactively display and query geoscience and exploration tenement information for NSW

 **DIGS**
DIGS® is an interactive database for exploration and geoscience information.

 **EROL - Exploration-Environmental Reports Online Lodgement**
EROL is an extension to DIGS, which enables exploration title holders to lodge reports via the internet.

 **TAS Map**
TAS Map permits the search, display and download of NSW titles maps and detailed information.

EVENTS

14th Aug 2010 - 20th Annual Mechanical Engineering Safety Seminar

Online Applications - Minview



Minview - New version now available!

MinView allows users to interactively display and query geoscience and exploration tenement information for NSW.

DPI Home | MinView Entry Portal | MinView Help | Legal | Feedback | NSW DEPARTMENT OF PRIMARY INDUSTRIES

About MinView

MinView is a web-based service provided by the NSW Department of Primary Industries. MinView enables users to interactively view, search and download historical and current geoscience and exploration title information via the Internet.

The MinView Entry Portal provides differently customised entry points for users requiring access to exploration information about Minerals, Coal, Petroleum; and for users to query Titles information, to lodge Mineral Exploration Licence applications, to request Exploration Licence expiry reminders and to download related information.

MinView provides functionality for users to:

- VIEW image, vector and point data from the Department's geoscience and titles databases using graphical select, zoom and pan facilities
- Make SPATIAL or TEXT-based QUERIES incorporating links to the DIGS database
- Make DOWNLOADS of spatial data in an ESRI GIS format from a selected area of the displayed layers using a map-based query tool
- Lodge and pay for MINERAL EXPLORATION LICENCE APPLICATIONS
- Create and manage EXPLORATION LICENCE EXPIRY REMINDERS
- Monitor titles-related changes to selected areas of NSW using EMAIL ALERTS
- Display METADATA for each data layer
- BOOKMARK views to facilitate returning to the same views using your preferred set-up
- PRINT a map page

To obtain full information about each data layer please use the MinView metadata button available from the toolbar in each view.

The conditions governing use of this facility can be reached via the Legal link on each page.

Apply to be a registered user

Access to the Email Alert, Email Reminder and Multiple Bookmark functions can be obtained by applying to be a registered user. To apply to be a registered user, all you need to do is send an email to minview_reguser@dpi.nsw.gov.au and request we create a registered user account for you. To activate this account we will need to use your email address as the Username and we will allocate you an interim password by return email. At your first login, you will be provided with the facility to change the interim password to one of your choice.

Your email address will be collected by the NSW Department of Primary Industries and recorded for the express purpose of activating the MinView email alert and email reminder services for you. This information will not be distributed to any other parties. The supply of your email address is voluntary however email alerts and reminder services cannot be effected without storage of this information on our databases. You may unsubscribe from these services at any time by sending an email to NSW DPI at minview_reguser@dpi.nsw.gov.au with "Unsubscribe" in the subject field of your email. You may also access or correct your recorded details by sending an email detailing your request to the same email address.

Browsers

MinView has been optimised for use on Microsoft Internet Explorer v 6.0.x. Use of the application with any other browser or version may result in non-optimal performance or lack of functionality.

Pop-Up Blockers

If the Minview map view window fails to launch you may have a 'Popup Blocker' installed or may be using the Google Toolbar. To correct this problem, please turn off the Popup Blocker or Google Toolbar then re-launch a map view window using one of the customised entry points on the MinView Entry Portal page.

For More Information

If you would like more information or help with the following topic areas please contact us using the appropriate email address:

For MinView operational queries: minview_info@dpi.nsw.gov.au

Guest Entry | **LEARN MORE**
FREE BOOKMARK | FREE DOWNLOADS

Registered Users

Email Id:

Password:

[Forgot Password?](#)

MinView Provided By:
NSW DEPARTMENT OF PRIMARY INDUSTRIES

The MinView Application Service is provided by The NSW Department of Primary Industries.

Welcome

Logged In

Welcome **Guest User**.

[Logout](#)

MinView Entry Portal



I agree to the [conditions of use](#) for this site

Choose one of the following options to continue. You can further customize each option to display any of the available data layers. Your preferred display scheme can then be bookmarked for future use.

[Titles Data:](#)

View current titles, title applications and historical titles for minerals, petroleum and coal exploration.

[Minerals Data:](#)

View minerals titles, geology, origin of drill core held in our libraries, mineral drill hole locations and the location of significant metallic and industrial mineral sites.

[Coal:](#)

View coal titles, geology, origin of coal drill core held in our libraries and coal borehole locations.

[Petroleum:](#)

View petroleum titles, geology, origin of petroleum drill core held in our libraries, petroleum borehole locations and the locations of gas sites around the state.

[Links and Downloads:](#)

Access useful links, including those for downloading external data

[Apply for a title:](#)

Select areas for submission of minerals Exploration Title Applications and complete using your credit card.

MinView Provided By:

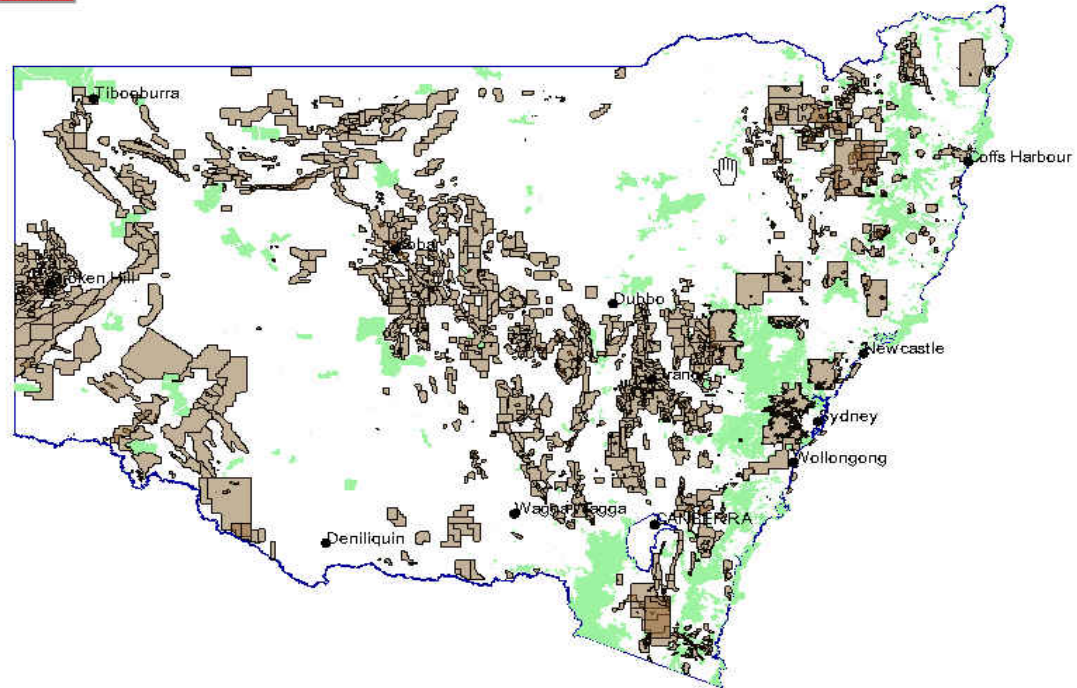
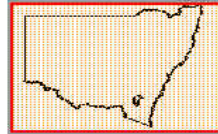


The MinView Application Service is provided by: [The NSW Department of Primary Industries](#).



Title Layers

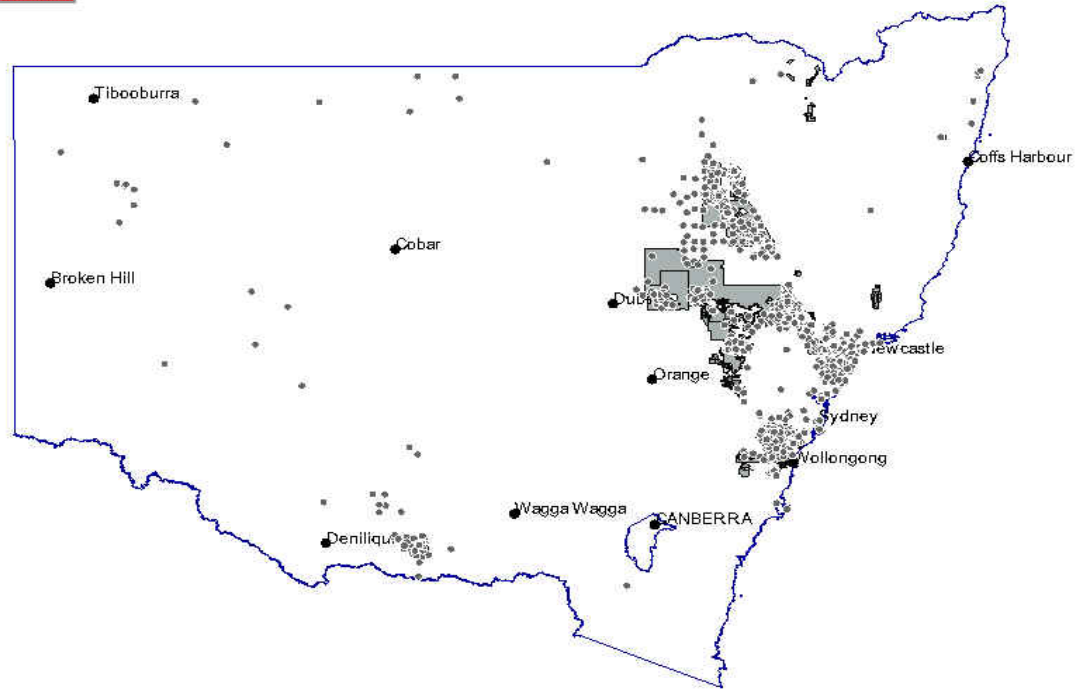
- Localities
- Rivers
- Roads
- Coal Title Applications
- Current Coal Titles
- Mineral Title Applications
- Current Mineral Titles
- Petroleum Title Applications
- Current Petroleum Titles
- Current Titles by Group**
- Current Title Apps by Group**
- Historical ELs**
- Major Geology
- Declared Wilderness Areas
- National Parks
- Units
- Blocks
- 100K Mapsheets
- 250K Mapsheets
- State Boundary



Scale: 0 100 km GDA94 Lat: -30.80 Long: 148.66 Map Sheet: 1:250K - Narrabri(SH/55-12) 1:100K - Gwabegar(8636)

Coal Layers

- Coal Boreholes
- Coal Drill Core held by DPI
- Major Geology Boundaries and Structures
- Localities
- Rivers
- Roads
- Coal Title Applications
- Current Coal Titles
- Historical ELs
- Major Geology
- Major Structural Units
- Declared Wilderness Areas
- National Parks
- Units
- Blocks
- Local Govt Areas
- 100K Mapsheets
- 250K Mapsheets
- Company Geophysics Surveys (Aerofind)
- Govt. Geophysics Surveys (Aerofind)
- K-Th-U
- Total Magnetic Intensity
- Gravity - Isostatic
- Digital Elevation Model
- State Boundary



Scale: 0 100 km GDA94 Lat: -25.57 Long: 139.03 Map Sheet: 1:250K - None 1:100K - None

Online Applications - DIGS



DIGS

DIGS® is an interactive database for exploration and geoscience information.

The screenshot shows the main interface of the DIGS Database website. At the top left is the NSW Department of Primary Industries logo and the text 'NSW DEPARTMENT OF PRIMARY INDUSTRIES | MINERALS'. To the right is the title 'DIGS Database' and a small landscape photograph. Below this is a blue navigation bar with 'Home' on the right. The main content area has a breadcrumb trail 'DIGS > Welcome to DIGS' and a blue header bar with 'Welcome to DIGS' and a 'Help' link. In the center is a large version of the DIGS logo with a mouse cursor pointing at it, and the text 'Geological Survey of NSW' and 'Search DIGS' below. At the bottom of the main area is a link: 'If you'd like to be informed about DIGS news and developments, you can join the [Mailing List](#). You can also [Contact Us](#).' The footer contains a Firefox 3 logo, the text 'Created on Tuesday 15th June 2010 at 9:08:07 EST © 2010 NSW Department of Primary Industries: Mineral Resources', a W3C HTML 4.01 logo, and navigation links for 'Disclaimer', 'Privacy', and 'Copyright'.



[DIGS](#) > Reports Search

Reports Search

[Help](#)

Report Number:	<input type="text" value="m27001"/>	Record Types to Search:
Report Identification Number:	<input type="text" value="R14090600"/>	<input checked="" type="checkbox"/> Minerals
Confidentiality:	<input type="text" value="Open File"/>	- <input checked="" type="checkbox"/> Mineral Exploration Reports
Authors/Company Name:	<input type="text"/>	- <input checked="" type="checkbox"/> Mine Records
Report Title:	<input type="text" value="Mining Lease 1518 Act 1992"/>	- <input checked="" type="checkbox"/> Research Reports
Report Description:	<input type="text"/>	- <input checked="" type="checkbox"/> Annual Report Compilations
Subject Terms/Keywords:	<input type="text"/>	<input checked="" type="checkbox"/> Coal Exploration Reports
Report Year:	<input type="text"/>	<input checked="" type="checkbox"/> Petroleum Exploration Reports
Tenement Name/Number:	<input type="text"/>	<input checked="" type="checkbox"/> Titles
Map Sheet:	<input type="text"/>	- <input checked="" type="checkbox"/> Record Tracing
Location:	<input type="text" value="County Durham Parish Auckland"/>	- <input checked="" type="checkbox"/> Survey Plan
Abstract:	<input type="text" value="nsfer CL357 (Act 1973) Plan of Portion ML9"/>	- <input checked="" type="checkbox"/> Working Plan
Document Filter:	<input type="text"/>	- <input checked="" type="checkbox"/> Consolidated Lease
		<input checked="" type="checkbox"/> Departmental Map Collection
		- <input checked="" type="checkbox"/> Cartographic Maps
		- <input checked="" type="checkbox"/> Heritage Maps
		<input checked="" type="checkbox"/> Departmental Publications
		<input checked="" type="checkbox"/> Environmental Reports
		<input type="checkbox"/> Bibliographic Retrieval System

Results per page:





[DIGS](#) > [Reports Search](#) > Search Results

Reports Search Results

[Help](#)

Found 1 report that matches your criteria, of which 1 is an open report, and 0 are confidential reports, from 129011 reports in database. Showing reports 1 to 1

Your search has matched 1 Open File (viewable) report(s), and 0 Confidential reports.

This result set contains:
1 viewable report(s), of type:

- Mineral Exploration Reports Open File
- Mine Records Open File
- Research Reports Open File
- Annual Report Compilations Open File
- Coal Exploration Reports Open File
- Petroleum Exploration Reports Open File
- Record Tracing Open File
- Survey Plan Open File
- Working Plan Open File
- Consolidated Lease Open File
- Cartographic Maps Open File
- Heritage Maps Open File
- Departmental Publications Open File
- Environmental Reports Open File

Page: 1

[1.M27001 \(R14090600\)](#)

Report Title	Mining Lease 1518 (Act 1992)
Report Year	N/A
Authors/Company Name	Camberwel Coal PTY Limited
Collation	1 sheet

Page: 1



[DIGS](#) > [Reports Search](#) > [Search Results](#) > Report Summary and Document List

Report Summary and Document List for M27001

[Help](#)

RIN:- R14090600

REPORT/DOCUMENT:- M27001

DOCUMENTS FOUND: 1

Report/Document Number:	M27001 (Documents attached to this report are listed below).
Record Type:	Survey Plan
Report Identification Number:	R14090600
Confidentiality:	Open File Accession Date: 29-OCT-08
Authors/Company Name:	Camberwel Coal PTY Limited
Report Title:	Mining Lease 1518 Act 1992
Collation:	1 sheet
Report Year:	N/A
Subject Terms/Keywords:	Mapping, Mine
Tenement Name/Number:	ML1518 Act 1992
Map Sheet:	#25=9133-3-S
Location:	County Durham Parish Auckland
Abstract:	Mining Lease 1518 (Act 1992) Part Transfer CL357 (Act 1973) Plan of Portion ML9

Select	Document Description	Code	Pages	Size	Colour	Format	File Size	Preview
<input checked="" type="checkbox"/>	Mining Lease 1518 (Act 1992) Sheet 1 of 1 Scale 1:8000	PLN	1	A1	COL	JPEG	818 k	View
Total:			1				818 k	

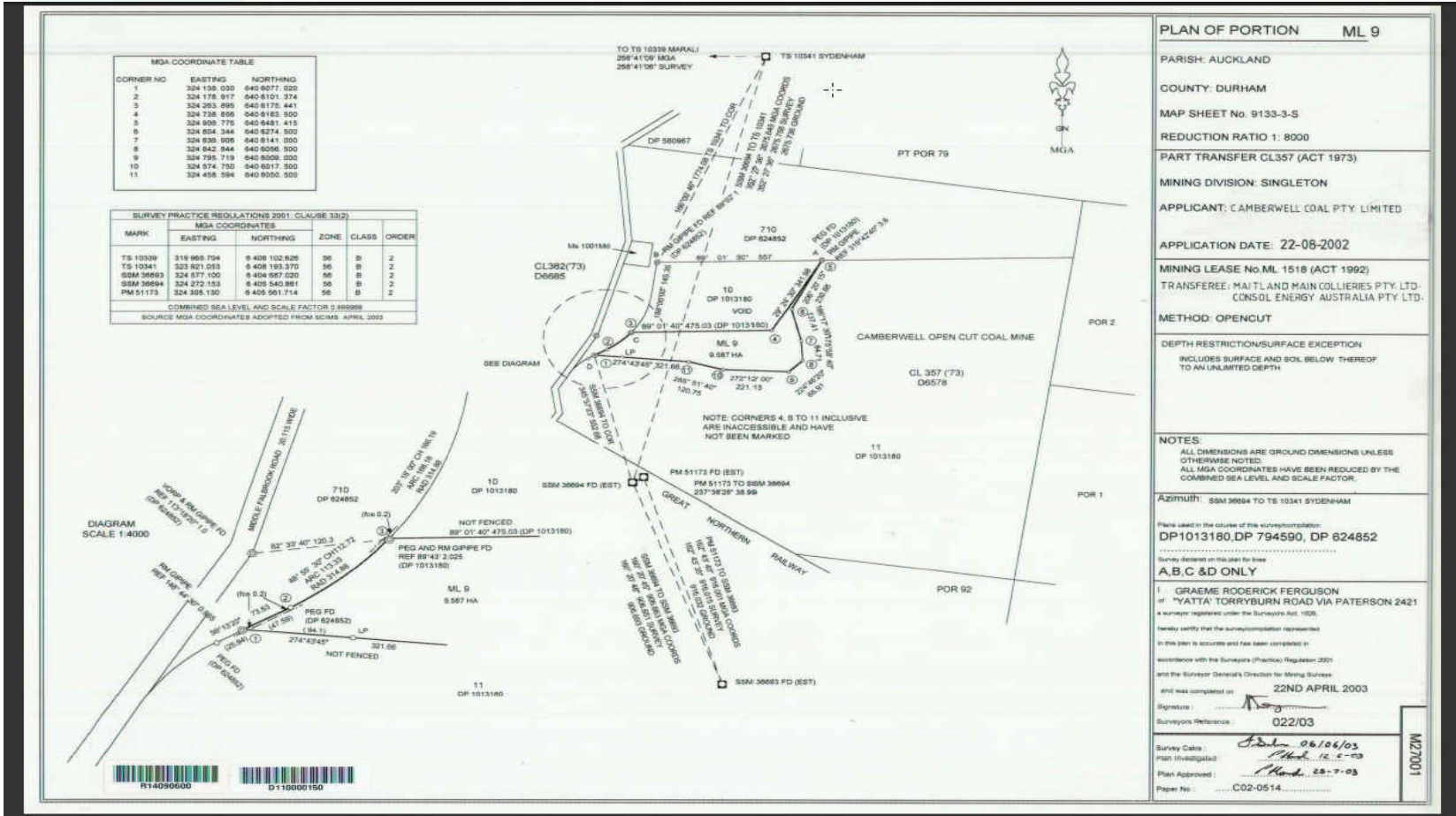


You have selected the following documents, please select output format:

Output Format	Original Format	Document Description	Pages	Total Size	Preview
PDF	JPEG	Mining Lease 1518 (Act 1992) Sheet 1 of 1 Scale 1:8000	1	818 k	View
Total:			1	818 k	

Filename: M27001.R14090600.zip/pdf

Download File(s)



Searching only with Location field e.g County and Parish

[1.S1718 \(R15017180\)](#)

Report Title	MP2
Report Description	Obsolete
Report Year	NA
Authors/Company Name	NA
Collation	1 sheet

[2.P2856 \(R14028560\)](#)

Report Title	Portion
Report Year	NA
Authors/Company Name	NA
Collation	1 sheet

[3.M27001 \(R14090600\)](#)

Report Title	Mining Lease 1518 (Act 1992)
Report Year	N/A
Authors/Company Name	Camberwel Coal PTY Limited
Collation	1 sheet

[4.D6685 \(R11066850\)](#)

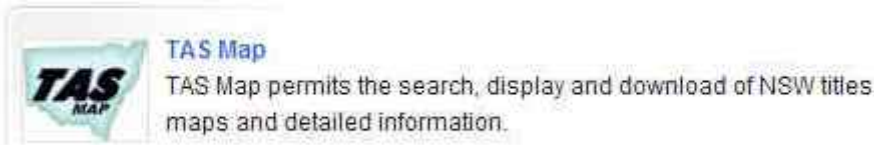
Report Title	CLA212
Report Year	NA
Authors/Company Name	NA
Collation	1 sheet

[5.D6578 \(R11065780\)](#)

Report Title	CL357Act1973
Report Year	NA
Authors/Company Name	NA
Collation	1 sheet

[6.D6154 \(R11061540\)](#)

Online Applications - TASMap



The screenshot shows the TAS Map web application interface. On the left is a toolbar with various navigation and search tools. The main area displays a map of New South Wales with numerous towns and elevation points marked. A central crosshair indicates the current location. On the right, there is a 'LAYERS' panel with a list of map layers and their status. Below the list are 'Refresh Map' and 'Auto Refresh' buttons. An inset map in the top right corner shows the state of NSW with a red box highlighting the current map's location. At the bottom left, there is a north arrow and a scale bar. The text 'Map created with ArcIMS - Copyright (C) 1992-2009 ESRI Inc.' is visible at the bottom of the map area.

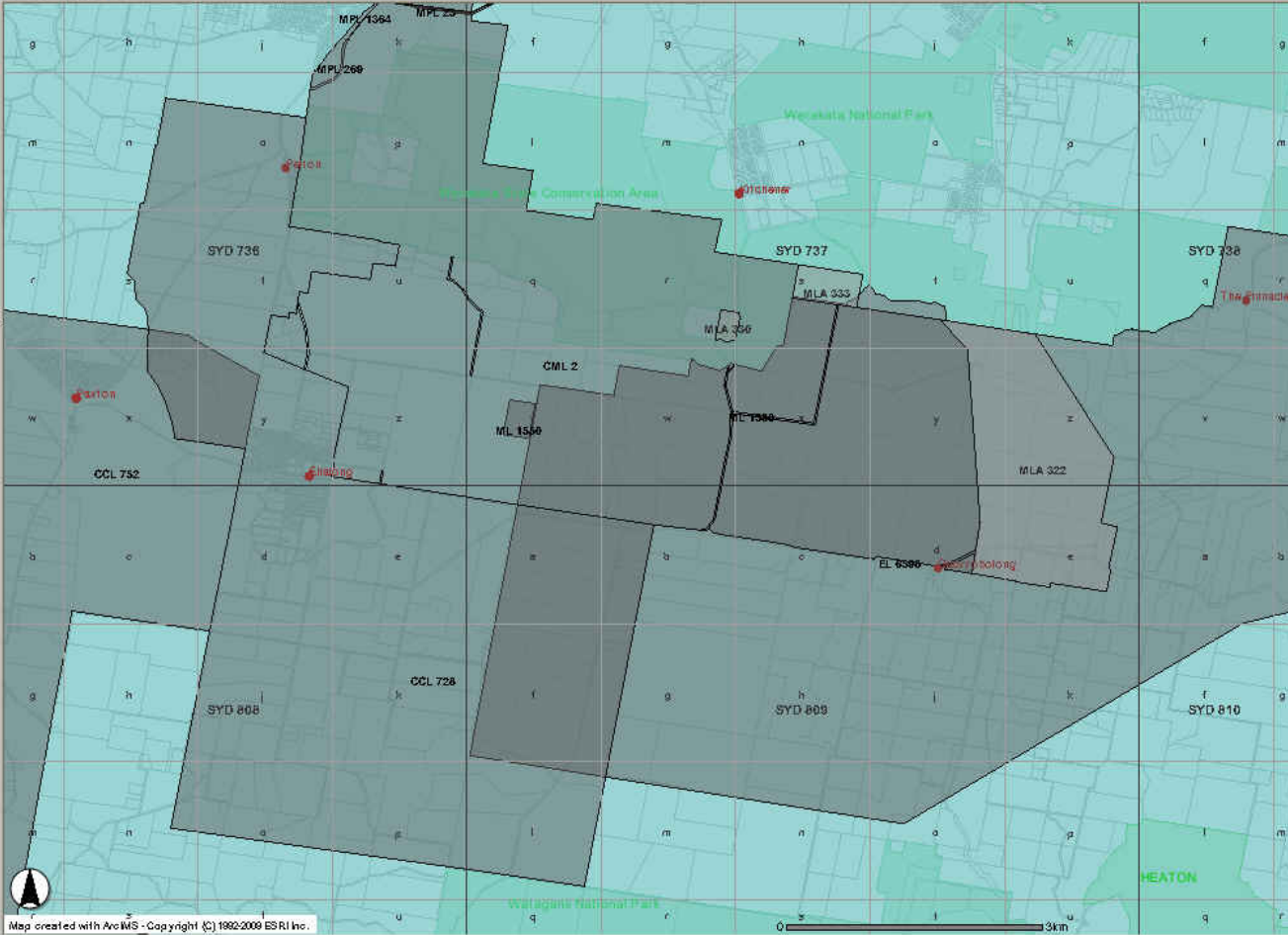
LAYERS

- All Layers
- 1-minute Graticule
- Topographic Features
- Blocks and Units
- Coal Tenure
- Mineral Tenure
- Petroleum Tenure
- Titles Administration
- Sensitive Areas
- Map Sheet Indices
- Administrative Boundaries

Refresh Map
 Auto Refresh

Turn on various layers showing current title and applications for coal, minerals and petroleum

TAS Map



LAYERS

- All Layers
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[Refresh Map](#)
 Auto Refresh

Map created with ArcIMS - Copyright (C) 1992-2008 ESRI Inc.

0 3km

Zoom In

Online Applications - Libraries

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PRIMARY INDUSTRIES
Minerals and Petroleum

NSW GOVERNMENT | Industry & Investment

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- Resources & investment
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- Online minerals applications
- Drill core libraries & reference collections
- Libraries**
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EVENTS

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PRIMARY INDUSTRIES About us and our services



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OUR SERVICES

- Education and training
- Business development services
- Marketing services
- Advisory & extension services
- Regulatory services
- Diagnostic and analytical services for agriculture
- Timber Inspection Service
- Research services
- Drought assistance
- Libraries**
- Collections
- Forests NSW Nurseries
- Bookshop
- Community and heritage services

Libraries

Library Services within NSW DPI are delivered through a network of libraries located across the state. Our libraries exist primarily to support the Department's staff in the conduct of their official business.

Services available to members of the public

Members of the public are welcome to use NSW DPI libraries for reference use only. However, licensing arrangements do not allow public access to databases for which the libraries pay a subscription fee.

You can search the Department of Primary Industries [library catalogue](#). Direct borrowing is not permitted. Please contact your public, university or corporate library to arrange an interlibrary loan for any items you wish to borrow. Fees and conditions may apply at these libraries.

Photocopying is available but a charge may apply.

For library support, students should contact their own school, university, institute or college library in the first instance.

Library visits are available by appointment only at the following times:

Monday - Friday from 9:00 am to 4:00 pm.

Please contact reception at the following centres to arrange an appointment.

Staffed libraries are located at:

- » [Cronulla Fisheries Research Centre](#) - fisheries library
- » [Cumberland State Forests, West Pennant Hills](#) - forest library
- » [Elizabeth Macarthur Agricultural Institute](#) - agriculture library
- » [Orange Agricultural Institute](#) - agriculture library
- » [Mineral Resources Central Office, Maitland](#) - minerals library
- » [Tamworth Agricultural Institute](#) - agriculture library
- » [Tocal Agricultural Centre](#) - agriculture library
- » [Trangie Agricultural Research Centre](#) - agriculture library
- » [Wagga Wagga Agricultural Institute](#) - agriculture library
- » [Wollongbar Agricultural Institute](#) - agriculture library



See also:

Research Procedures

- Obtain Check Sheet for Mine Plan Research.

Coal

- Register for Collieries and Projects
- Colliery Card Index
- Colliery Workings, Holding and Title Maps
- Mine Record Tracing
- Additional Information

Metalliferous

- Title Maps
- Registers
- Mine Working Plans
- Additional Information

Coal – Register for Collieries and Projects

- XL spreadsheet at MRB (not available online)
Contains information from Colliery Names Index and various registers.
- Record Tracings (RTs) and Parish Maps are available as digital images.
- All registers containing Colliery Holding boundaries are being scanned and will be available as pdf documents.

Register for Collieries and Projects

COLLIERY INDEX																		
Colliery	Projects	Mine Name	Colliery Approval Date	Officer	County	Parish	Portion	RT	Mplans	Associated Files	Status	Abandoned	Plan Reviewed	Minerals worked & in the case of the name of seam	Seam	Remarks	History	
11 Park View							ML 64										Newcastle Past. Reserve.	
12 Parkville					Brisbane	Park	7				A						Prospecting operations only. Abandoned	
13 Pearce & Co. No.3 Pit					Northumberland	Maitland	213	483									Maitland Res.	
14 Peatties																	Changed to Hunter	
15 Pelaw Main					Northumberland	Stanford	ML 17	217	M19200	58/6248M 69-7998					Greta		For position of shafts & tunnels - M19200. Underseam RT 674. Now includes Stanford Main. Underseam - bottom split Homeville Seam see RT 674	
16 Pelaw Main					Northumberland	Stanford	ML 17	674	M19200	58/6248M 69-7998					Homeville Bottom Split		For position of shafts & tunnels - M19200. Underseam RT 674. Now includes Stanford Main. Underseam - bottom split Homeville Seam see RT 674	
17 Pelaw Main																	Showing workings of Pelaw Main Colliery Middle on shelf	
18 Pelaw Main No 2																	No 136	
																	Tentative E-12-05	
19 Pelton					Northumberland	Pokobin Aellalong	260 115	281		16.6798M 52-13232Ms 59-547Ms 65-5892Ms					Greta		RT 787 - Open cut. Includes old Bellbird colliery 6-9-1994. Merged with Ellalong Colliery to form Southland Colliery - approved 21-9-98. Now part of Avustar Colliery effective 14th April 2005.	

Colliery Card Index

- The Colliery Card Index had been developed and maintained over a number of years, however is now basically redundant.
- The index cards have been scanned and are available for research projects. The information on these cards has also been transferred to the Register for Colliery and Projects.
- The Colliery Card Index is useful as an historic research aid as it lists
 - notifications of suspension of mining
 - recommencement of operations
 - discontinuance and
 - abandonment for many, but not all, mines.

Colliery Card Index

Coal & Allied Operations P/L

NAME OF MINE DURHAM NORTH OPEN CUT NAME OF OWNER OR AGENT C&A INDUSTRIES

SITUATION _____ ADDRESS _____ INSPECTOR Burton

32719 1.47

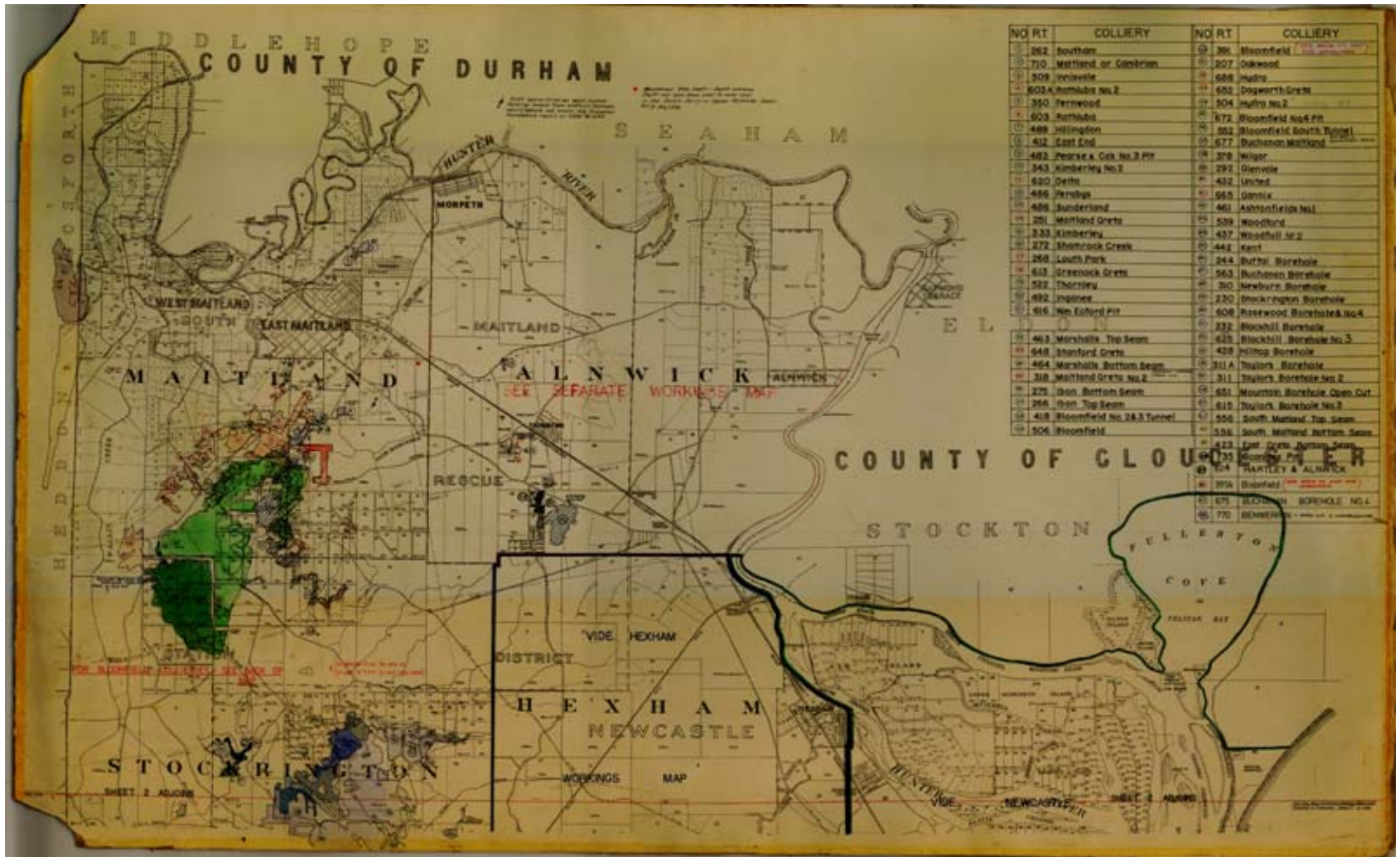
NO. OF PAPERS	MANAGER	UNDER MANAGER	ELECTRICIAN	DATE OF APPOINTMENT	SUNDRIES
MM-819	MR. N. SNEDDON AUTHORISED TO ACT IN A TECHNICAL POSITION SUPERIOR TO THAT OF THE MANAGER OF DURHAM NORTH OPEN CUT WHILEVER THE OPEN CUT IS BEING WORKED (AUTHORITY FROM CIM DATED 24-2-77). ALSO NOTED ON LIDDELL CARD.				
	MR. L. SIMPKINS			9/4/79	Appt. Manager
		J. H. PAY		5/79	Appt. Mine Elect. Engineer
	S. B. MCKENSEY	- Appt. General Superintendent			- 14/79
	M. Blackham	- Appt. Superintendent			- 15/7/79
	M. Blackham			15/7/79	Appt. Colliery Manager
	S. B. McKensey				Coal Production discontinued at DURHAM NORTH O/C From Wed, 3/10/79
Company	name changed from A Brown & Abermain Durham Collieries P/L to				
	Coal & Allied Operations P/L as from			13/3/80	



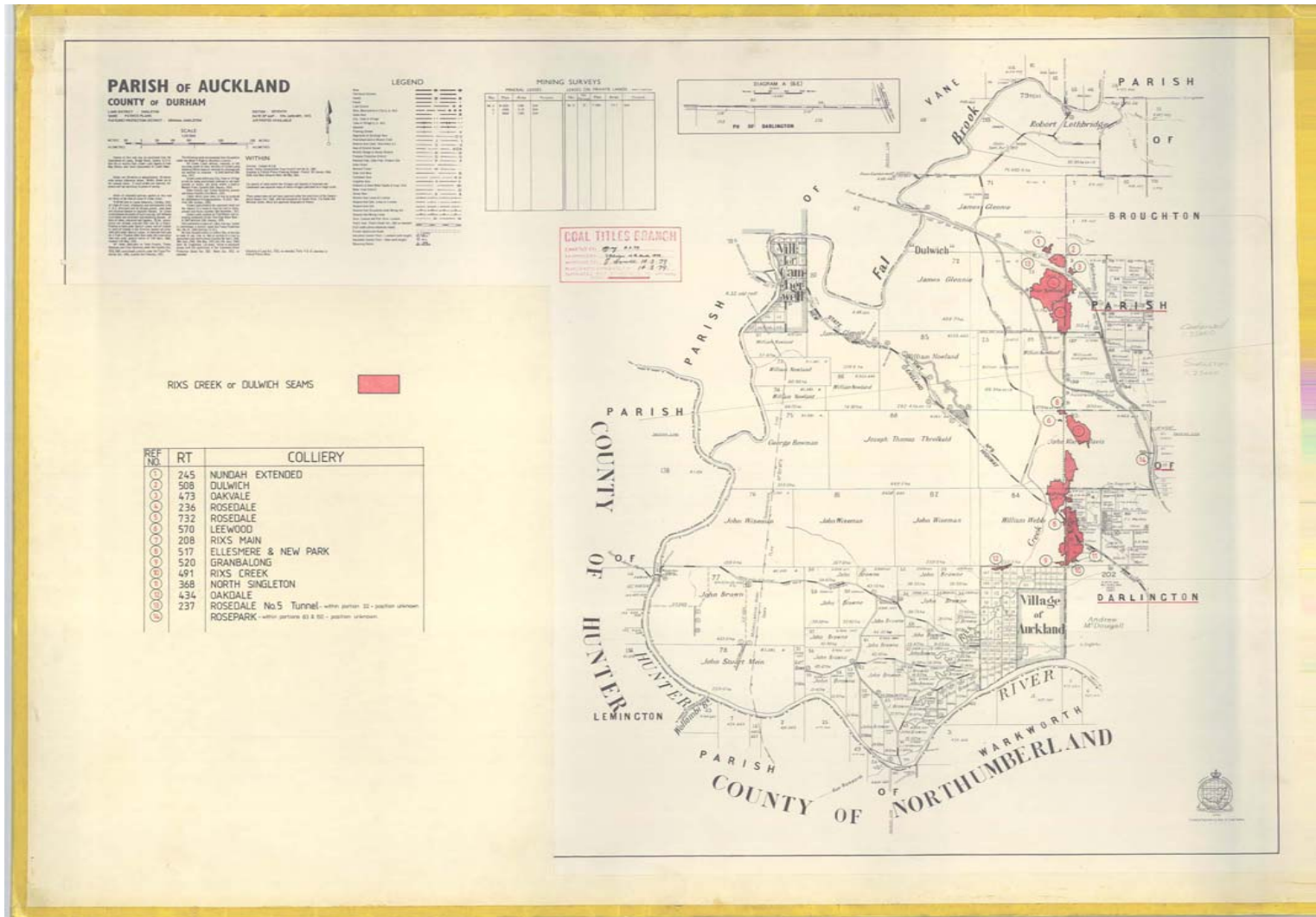
Colliery Workings, Holding and Title Maps

- District Workings Plans (DWP) – are compiled hard copy, small scale workings maps showing the approximate location of coal mine workings on a seam by seam basis, within a particular coal mining region relative to cadastral boundaries. Each plan contains an index listing the Colliery name, Mine Record Tracing number and the name of the seam worked.
- The extent of workings in each seam is shown by a distinctive colour.
- Parish Workings Plans (PWP) – cover mine working areas generally not included on the District Workings plans. Detail is similar to DWP.
- DWP and PWP are not regularly updated but provide information to assist in identifying the RTs requiring further research and are now available as digital images.

Colliery Workings, District Working Maps



Colliery Workings, Parish Working Maps



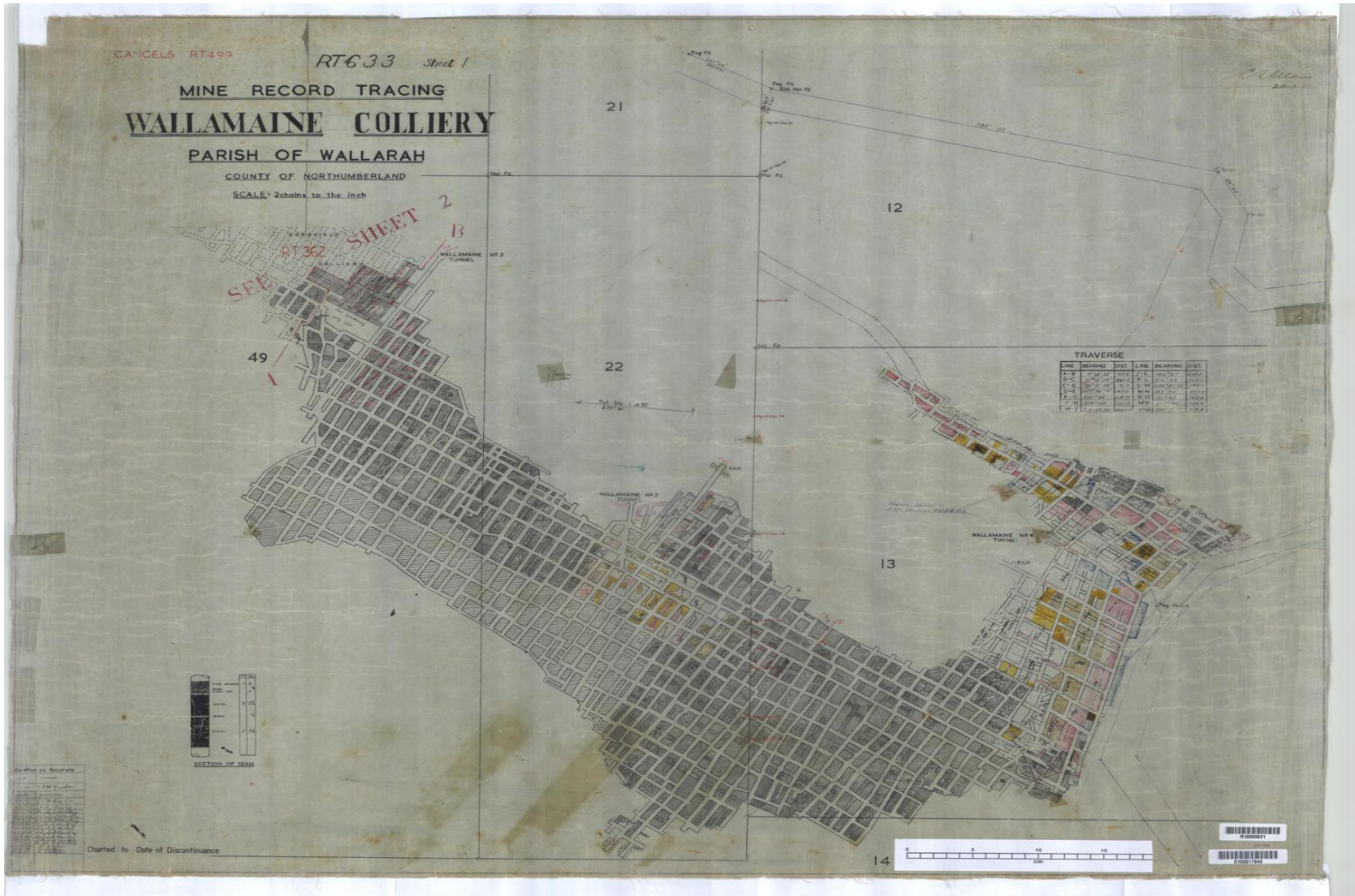
Colliery Holding and Discontinued Registers

- A colliery holding register is required to be maintained in accordance with Section 163 of the *Mining Act 1992*.
- These registers show details of
 - leasehold and freehold titles
 - barrier and pillar extraction approvals
 - Colliery Holding and miscellaneous file numbers relating to the history of the mine
 - the Mine Record Tracing number and
 - name of the operator of the mine.

Mine Record Tracings

- MRB holds Record Tracings for current, discontinued and abandoned collieries. Record Tracing sheets that may have been superseded by sheets charted at another scale or for other reasons may also be available.
- The term “Record Tracing” was introduced in 1947, previously the plans were generally M series. A large proportion of older “RTs” also contain an M number.
- Prior to 1976 the RTs were usually drawn to a “local” grid and were measured in chains. Over time, this changed to imperial (feet) and eventually to a common grid and metric.
- Typical research relating to a record tracing is shown on the following “Check list”.
- RTs for all discontinued and abandoned coal mines have been scanned and are available as pdf, jpg or tiff documents.

Mine Record Tracings



Check List for Mine Record Tracings

- Seams
- Number of Sheets
- Scale
- Plan of Abandonment/Discontinuance
- Date of Abandonment/Discontinuance
- Notations
- Datelines
- Surveyors Signature
- Survey Information
- Drift/Shaft
- Connection to Boundary
- Name of Last Surveyor
- Notes

See Appendix A for Departmental Check Sheets



Industry &
Investment

Additional Information

- Field Books
- Survey Plans
- Miscellaneous Plans
- Baseline Plans

Field Books

- The mine surveyors field notes are an important part of the research. Prior to 1976, RTs may not contain traverse and level information nor connection to some cadastral (portion) boundary.
- MRB stores a number of surveyors field notes and also retains an index of colliery surveys and colliery baselines.
- Other potential sources of field notes are former owners, former employees, registered land surveyors, historical societies or museums.

Field Books

Richmond Main Colliery

FIELD NOTES OF SURVEYS

from the 2nd February 1923 to the 16th July 1923

Transmitted to the Chief Mining Surveyor at Sydney with my letter dated

20.8.23 N^o 23/19 Insⁿ N^o 23/17 of 19.2.23

(Signature)

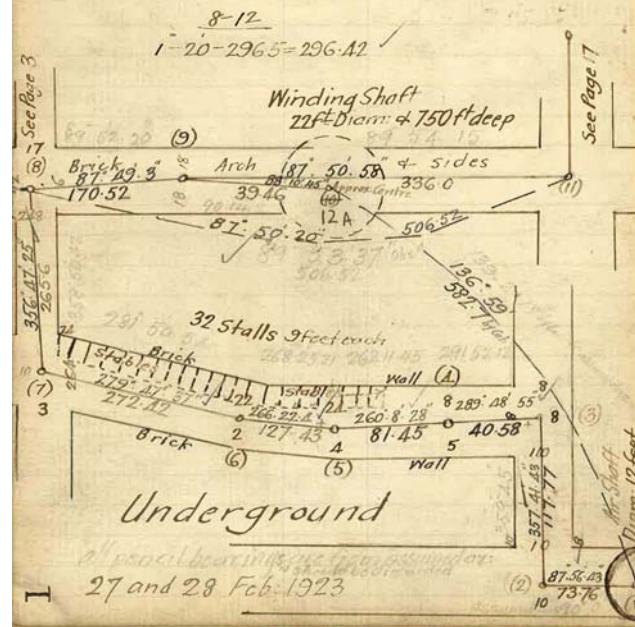
E. Thomas

21750

28th Feb. 1923

To 3	At St ⁿ 2	To 1	To St ⁿ 8	To St ⁿ 11	To St ⁿ 10
0.0	0.0	20.17	0.0	0.0	0.0
90.17	0	180.32	0	0	0
180.32	0	270.47	0	0	0
270.47	0	361.2	0	0	0
1.2.20	91.17	0	0	0	0
90.15	0	Main	0	0	0

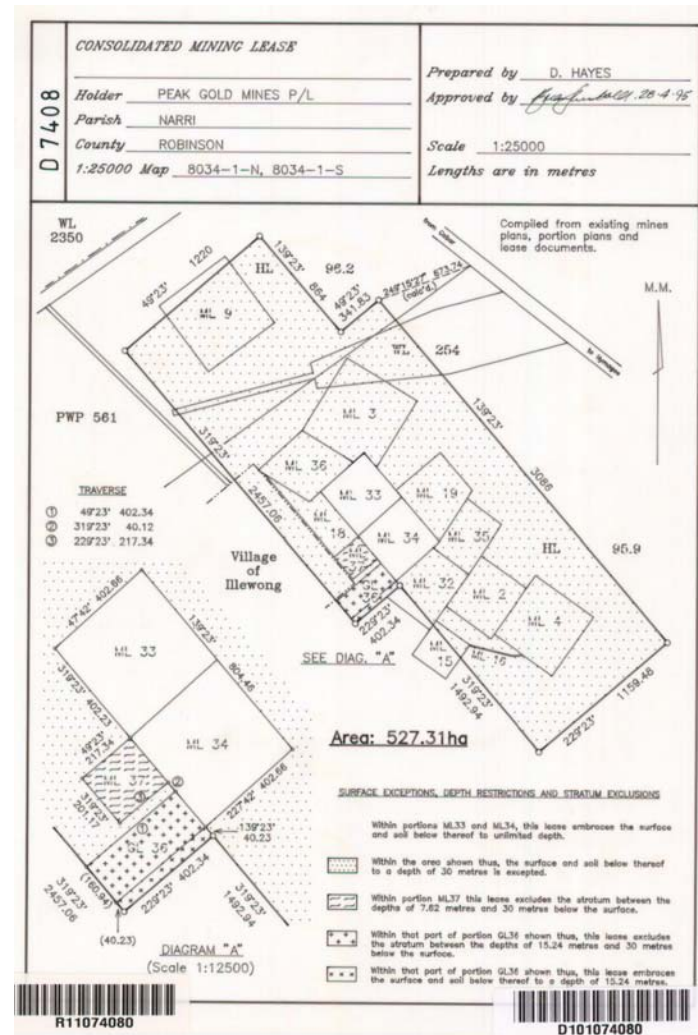
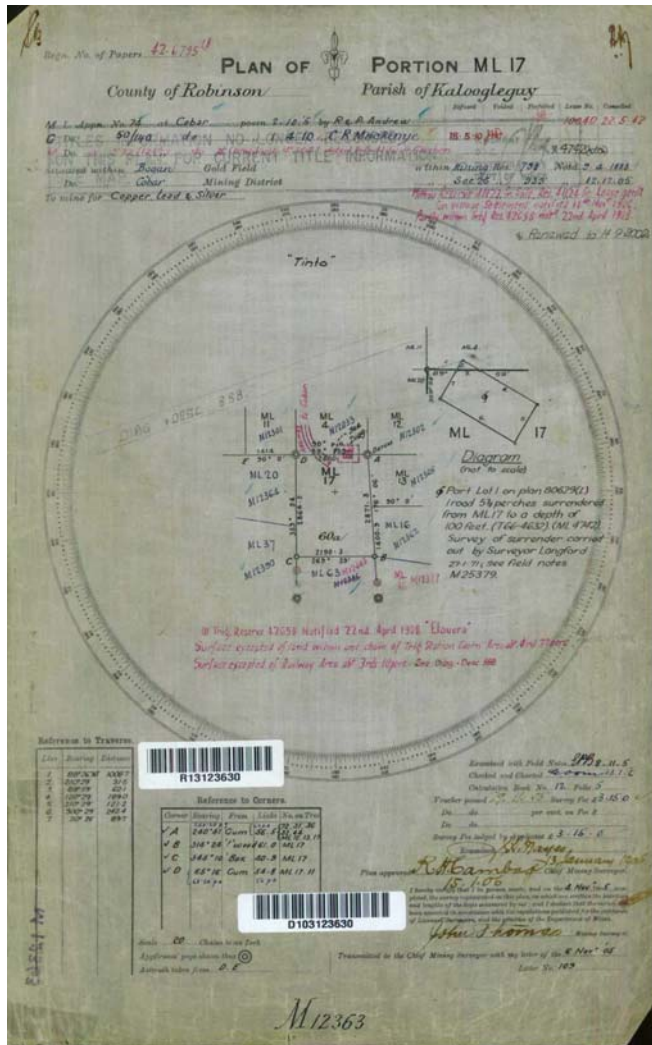
Stⁿ 2-3 6-7 7-8
 2.30-117.88=117.77 1.0-272.46=272.44 2.0-265.76=265.66



Survey plans

- MRB maintains an extensive range of plans related to surveys of mining leases dating back to the 1800's. Every survey undertaken for a mining lease under the mining legislation of NSW is catalogued in this system.
- Index registers are maintained for the plans with a catalogue system using the letters M, P, G, S, D and T. Mining Lease surveys for coal mining operations would normally be found in the M and P registers with some older surveys in the S system. The D register is primarily diagrams including Consolidated Coal Leases

Survey plans



Former Surveyors

- Information on former surveyors will be listed on the RTs.
- Further information can be obtained from the Mine Surveyors Register held at Mineral Resources-Mine Safety Performance-Competencies & Exams.
- If possible, former surveyors at the mines should be contacted and discussions held, regarding:
 - accuracy of plans and survey methods
 - surface surveys/marks
 - location of any survey field books or notes
 - colliery baseline marks or other surface marks that may be linked to underground workings
 - memory or any information on accuracy of workings and survey practices, particularly areas closest to the mine.

Surface and Survey Information

- Connection from surface to underground – this information may possibly be on a RT or the Department of Mines may have conducted a series of surveys to provide a connection from portion boundaries via shafts, drifts or tunnels to underground survey marks (Miscellaneous Plans).
- Some of these marks may still be in existence or a connection can be compiled to an existing cadastral location (Portion corner) on the appropriate grid system.

Other Sources

- MRB
 - TASMAR for current leases, titles
 - DIGS for historical plans, leases, RTs
 - Check for mineral titles, metal, shale mines
 - Library – Annual reports, Humble
- State Archives – old files (see Gretley Retraining document).
- Council / State Libraries – “Bent Backs” – Newcastle Library, Mitchell Library.
- Historians / researchers / historical societies.
- Regional and / or Mining Museums – Newcastle Museum, Lithgow State Mine Museum, Richmond Main – History of Greta Seam (Jack Delaney), Edgeworth David Museum (Kurri Kurri High School)
- Former surveyors, mine managers, proprietors, mine inspectors.

Compilation and Conversion

- Gather all available information from MRB and other avenues.
- Locate underground survey field notes or calculation books for the mine.
- Review to establish a survey from the entry to the face (closed wherever possible).
- Locate survey information from a portion boundary or other known mark to the mine entry.
- Compare portion information from this source, generally Parish Plans with current available cadastral (LPMA).
- Compile information for conversion to MGA.
- Convert information.
- Plot on mine plan.

Summary

- Research according to the Guide.
- Investigate all avenues not just MRB.
- The older Record Tracings cannot be relied on as a “stand alone” documents.
- Anecdotal evidence – talk to last mine surveyor if possible.
- Produce detailed records and documentation, particularly records of interviews and discussions.
- Incorporate this information into relevant Research and Inrush Management documents with particular reference to the accuracy and standard of information obtained especially in relation to the advice of the last surveyor.

Summary

- An example of accuracy is :
 - ❖ Level 1
Most accurate – date lines around extremities, survey information, surveyor's signature, connection to portion boundary. Opportunity to speak with last surveyor.
 - ❖ Level 2
As for level 1, but last surveyor not available.
 - ❖ Level 3
Date lines, surveyor's signature, connection to portion boundary.

Appendix A

- Mine Plan Research Attendance Record
 - ❖ Check Sheet for Mine Plan Research – Coal
 - ❖ Check Sheet for Mine Plan Research - Metalliferous



CHECK SHEET FOR MINE PLAN RESEARCH ATTENDANCE RECORD
COAL

Candidate Name:

Mine/Company:

Date:

Mine Name/s:

RT Number/s:

Register for Collieries and Projects:

History:

Associated files:

Colliery Card Index:

Comments:

Colliery Workings, Holding and Title Maps:

District/Parish Working Maps:
Check Outline of workings generally agrees with RT:

Shown Reference Number:

Parish Title Maps:

Colliery Holding Plan Register:

Mine Record Tracing:

Seam/s:

No of Sheets:

Scale:

Plan of Abandonment/Discontinuance:

Date of Abandonment/Discontinuance:

Notations:

Datelines

Surveyors Signature

Mine Mapping - Titles Section, 516 High Street Maitland NSW 2320
PO Box 344 Hunter Region Mail Centre NSW 2310
Email tasinfo@industry.nsw.gov.au Fax: 02 4931 6776
ABN 72 189 919 072 www.industry.nsw.gov.au

Survey Information

Drift/Shaft

Connection to Boundary:

Name of Last Surveyor:

Notes:

Additional Information:

Field Notes/Books:

Survey Plans:

Miscellaneous Plans

Baseline Plan

Signature of Attendee:

Signature of Departmental Officer:



CHECK SHEET FOR MINE PLAN RESEARCH ATTENDANCE RECORD
METALLIFEROUS

Candidate Name:

Mine/Company:

Date:

Mine Name/s:

MWP Number/s:

County:

Parish/s:

Title Maps:

Parish Title Maps:

Registers:

Associated files:

Mine Working Plan:

Levels:

No of Sheets:

Scale:

Plan of Abandonment/Discontinuance:

Date of Abandonment/Discontinuance:

Notations:

Additional Information:

Field Notes/Books:

Survey Plans:

Miscellaneous Plans

Baseline Plan

Signature of Attendee:

Signature of Departmental Officer: