

QUICK START GUIDE:

# Online Exploration Database

---

2020 Version

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## Requirements

The NZP&M Online Exploration Database has been optimised for Microsoft Internet Explorer 11.0. Check that popups are enabled in your browser to ensure functionality. Other versions and browsers may result in inconsistent search results, page display and download capability.

Note that there is a maximum file size download limit of 10GB, files in excess of this size limit will require a data order to be created.

If you have any questions, please contact us at [nzpam@mbie.govt.nz](mailto:nzpam@mbie.govt.nz).

## Registration

Access to the NZP&M Online Exploration Database is free. Registration is required to enable full access and download capability, including the Enhanced Search function. Registration is processed manually by the Geoscience Information Team within New Zealand Petroleum & Minerals, please allow up to 3 business days for this.

### STEP 1

Click the 'Register' button on the Homepage.

The screenshot shows the homepage of the NZP&M Online Exploration Database. The header includes the title 'Online Exploration Database' and a welcome message for guests. A navigation menu on the left contains links for HOME, LOGOUT, HELP, and a list of report types (Coal, Seismic, Mineral, Petroleum). The main content area features a 'BEGIN YOUR ENHANCED SEARCH HERE' section with a registration prompt. Below this is a 'WELCOME TO THE NEW ZEALAND PETROLEUM & MINERALS ONLINE EXPLORATION DATABASE' section with a detailed welcome message and a link to the 'About this site' page. A 'HIGHLIGHTS' section lists recent data releases and surveys. A 'MAPS' section shows a map of New Zealand with links to various data types. On the right, a sidebar contains a 'REGISTER' button (highlighted with a red box), links for 'Forgotten Password?' and 'Change Password', and sections for 'RECENT RELEASES', 'NZP&M DATA COMPILATIONS', and 'QUICK LINKS'.

**Online Exploration Database**

WELCOME GUEST. [CLICK HERE TO LOGIN](#) | 1

**HOME** **LOGOUT** **HELP**

**SAVED SEARCH**

- Coal Reports
- Seismic Projects 2D
- Mineral Reports
- Petroleum Reports

**CLASSIFICATIONS**

- Briefcase
- Coal
- Mineral
- Petroleum

**BEGIN YOUR ENHANCED SEARCH HERE**

Please register to use this functionality [→](#)

**WELCOME TO THE NEW ZEALAND PETROLEUM & MINERALS ONLINE EXPLORATION DATABASE**

Welcome to our free database; allowing you to easily discover, preview and access New Zealand exploration information by browsing database fields and digital reports online. **Register** for this free service to directly download or order your data. For information and tips on how to navigate around the upgraded site refer to the online help in the top left menu bar and the link below "About this site"

**South Island Regional Aeromagnetic Survey**

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**HIGHLIGHTS**

- 2016 Mineral Exploration Data Pack - Now Available [More information and order your Data Pack](#).
- 2016 Petroleum Exploration Data Pack - Now Available [More information and order your Data Pack](#).
- 2D seismic lines making up Reinga09 (REI09) have now been released in full. Order your copy [here](#).
- Petroleum Exploration and Geosciences Initiatives (PEGI). Data can be downloaded [here](#) or from [GNS Science](#).

**MAPS**

- Coal Drill Holes
- Mineral Drill Holes
- Petroleum Wells and Seismic
- Mineral Permit Webmaps
- Petroleum Permit Webmaps

**REGISTER**

**Forgotten Password?** [→](#)

**Change Password** [→](#)

**RECENT RELEASES**

- Coal [→](#)
- Minerals [→](#)
- Petroleum [→](#)

**NZP&M DATA COMPILATIONS**

- 2016 Mineral Data Pack [→](#)
- 2016 Petroleum Data Pack [→](#)
- PEGI Reports and Data [→](#)
- Coal GIS Compilation [→](#)
- Mineral Geochem Database [→](#)
- Mineral Prospectivity Models [→](#)
- Mines Statement Index [→](#)
- Petroleum Conference Papers [→](#)

**QUICK LINKS**

- Coal Reports [→](#)
- Mineral Reports [→](#)
- Petroleum Reports [→](#)
- Petroleum 2D Surveys [→](#)
- Petroleum 3D Surveys [→](#)
- Petroleum Wells [→](#)

## STEP 2

Fill in your details, certain information is required in order to enable us to ship large data orders and contact you if necessary<sup>1</sup>.

Then click 'continue'.

**REGISTRATION FORM**

To register as a New User just complete the form below and click the continue button at the bottom of the page.

---

**Personal Information**

---

Title

Mr ▾

First Name \*

Family Name \*

Email Address \*

Re-Enter Email Address \*

Job Title \*

Organisation Name

Organisation Type

Exploration / Mining / Production ▾

Phone Country Code \*

+64 ▾

Phone Area Code \*

Phone Number \*

Fax Country Code

+64 ▾

Fax Area Code

Fax Number

**Postal Address**

---

Street\*

City\*

Country\*

NEW ZEALAND ▾

**Business Address**

---

Street

City

Country

▾

**Other**

---

Area of Interest\*

Petroleum ▾

A red asterisk (\*) indicates a required field.

continue


cancel

<sup>1</sup> Privacy: Please refer to our privacy statement at [nzpam.govt.nz](http://nzpam.govt.nz)


### STEP 3

Review your information. If correct click 'submit'.

## Registration Form

 Please review your registration details.

|                           |           |
|---------------------------|-----------|
| Title                     |           |
| First Name                |           |
| Family Name               |           |
| Email Address             |           |
| Job Title                 |           |
| Organisation Name         |           |
| Organisation Type         |           |
| Phone Country Code        |           |
| Phone Area Code           |           |
| Phone Number              |           |
| Fax Country Code          |           |
| Fax Area Code             |           |
| Fax Number                |           |
| Postal Street Address     |           |
| Postal City Address       |           |
| Postal Country Address    |           |
| Bussiness Street Address  |           |
| Bussiness City Address    |           |
| Bussiness Country Address |           |
| Area of Interest          | Petroleum |

 Please **DO NOT** close your brower if you wish to cancel the registration, click the **cancel** button instead.

Click **submit** to continue.  
Click **cancel** to cancel the registration.  
Click **back** to correct.

An email will be sent to you once the registration has been completed, please allow up to 3 business days.

# Section 1: Downloading Reports and Enclosures

## 1.1 Downloading Reports

Select from the 'QUICK LINKS' at bottom right of the home page.

BEGIN YOUR ENHANCED SEARCH HERE

→

Quick tip - insert (\*) after search word

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HIGHLIGHTS

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 MAPS  
Coal Drill Holes

NEED HELP?

+ Quick tips →

RECENT RELEASES

+ Coal →

+ Minerals →

+ Petroleum →

NZP&M DATA COMPILATIONS

+ 2016 Mineral Data Pack →

+ 2016 Petroleum Data Pack →

+ PEGI Reports and Data →

+ Coal GIS Compilation →

+ Mineral Geochem Database →

+ Mineral Prospectivity Models →

+ Mines Statement Index →

+ Petroleum Conference Papers →

QUICK LINKS

+ Coal Reports →

+ Mineral Reports →

+ Petroleum Reports →

+ Petroleum 2D Surveys →

+ Petroleum 3D Surveys →

+ Petroleum Wells →


Enter the relevant search fields, one or more is required, and click 'search'<sup>2</sup>.

Basic Search

|                |          |        |
|----------------|----------|--------|
| Report Number  | Contains | MR5371 |
| Title          | Contains |        |
| Author         | Contains |        |
| Abstract       | Contains |        |
| Operator       | Contains |        |
| Licence        | Contains |        |
| Region         | Contains |        |
| Prospect       | Contains |        |
| Year End       | =        |        |
| Commodity      | Contains |        |
| Map Sheet S260 | Contains |        |

A list of results is returned from the search. Select the **check box** next to the required report to enable access to the report and accompanying enclosures. Ensure that popups are enabled in your browser.

Hover the mouse over the actions tab and click 'download' from the drop down menu.

| View  | Show Selected  | Output  |
|---|--|---|
| Actions   |  |   |
| Download  |  | 1 to 10 of 33   |
| Entitlements  | Title  | Author  |
| Mineral Drillhole related to this Report  | Desktop Study documenting the occurrence and geological characteristics of Known VMS deposits associated with Northland's Tangihua Complex | Brathwaite, L.R., Christie, A.B., & Lukovic, B                                      |
| Mineral Report Enclosures   |  |   |
| Show on Mineral Report Map  |  |   |
|  <input checked="" type="checkbox"/> | MR5167   | CROWN   |
|   | Crown Minerals   | Mineral Resource Assessment of Kahurangi National Park, West Nelson                 |
|   |  | Christie, A. B., Rattenbury, M. S., Brathwaite, R. L., Mortimer, N., Tulloch, A. J. |

<sup>2</sup> The Online Exploration database uses a string search and wildcards are not required.

In the new download window click 'download'.

Download

<< back

Download by clicking the "[download](#)" link for each item in the table below.

Alternatively, to submit an order for reports and data to be delivered offline on media (CD, DVD, External Hard Drive or Tape) add the item(s) to your briefcase by clicking the "[add](#)" link (see [Online Help](#) for more details).

If there is no download link the file is unavailable online as it exceeds 2GB in size. You can request the file be delivered offline by adding to your briefcase and submitting an order.

If you encounter any problems please [contact](#) us.

| briefcase           | download                 | Report Number | Title   | Author              | File Path                                   |
|---------------------|--------------------------|---------------|---|---------------------|---|
| <a href="#">add</a> | <a href="#">download</a> | MR5400        | South Island<br>Regional<br>Aeromagnetic<br>Survey Project<br>2015-2017 | Thomson<br>Aviation | /data/archive/crown/M<br>Reports/MR5400.pdf |



## 1.2 Downloading Enclosures

Return to the report search results. Select the **check box** next to the required report.

Hover the mouse over the **'Actions'** tab and select **'Report Enclosures'** from the drop down menu. Ensure that popups are enabled.

ViewShow SelectedOutput

Actions

Add to briefcaseof 1

Download

Entitlements

Mineral Drillhole related to this Report

Mineral Report Enclosures

Show on Mineral Report Map

| Title   | Author           | Abstract  |
|---|------------------|---|
| South Island Regional Aeromagnetic Survey Project 2015-2017 | Thomson Aviation | New Zealand Government aeromagnetic regions. Nelson/Macquarie acquisition Blocks A of 5266 Southland 2016, the been converted processing format), looking |

The enclosure list will open in a new window. Select the **check box(s)** for required enclosure(s). Hover the mouse over **'Actions'** tab and select **'Download'** from the drop down menu. In the new download window click the download link.

ViewShow SelectedOutput



Actions

Add to briefcasepage 1 of 1, items 1 to 18 of 18

Download

Entitlements

Mineral Reports

| Enclosure Type | Encl No | Film | Paper | File Fo...  | Size (Kb) |
|----------------|---------|------|-------|---|-----------|
| Geoph          | 1       |      |       |  | 872175    |
| Geoph          | 2       |      |       |  | 1249181   |


## Section 2: Ordering Pre and Post Stack Seismic

Processed, re-processed and field seismic data is not available for download directly from the Online Exploration Database and therefore requires a data order to be placed online. The example given below is for a 2D seismic project<sup>3</sup> however, the same basic process applies to ordering seismic field data.

Please note that transcription of seismic field data is provided by NZP&M's data management contractor and generates a fee for service. Following placement of an order, a quote will be provided directly to you by the contractor for approval prior to commencement of any transcription service.

### 2.1 Ordering Seismic Projects

Select '**Petroleum 2D or 3D Surveys**' from the '**QUICK LINKS**' at bottom right of the home page.

**BEGIN YOUR ENHANCED SEARCH HERE**  
   
**Quick tip - insert (\*) after search word**


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**MAPS**  
Coal Drill Holes

**NEED HELP?**

- + **Quick tips** →

**RECENT RELEASES**

- + **Coal** →
- + **Minerals** →
- + **Petroleum** →

**NZP&M DATA COMPILATIONS**

- + **2016 Mineral Data Pack** →
- + **2016 Petroleum Data Pack** →
- + **PEGI Reports and Data** →
- + **Coal GIS Compilation** →
- + **Mineral Geochem Database** →
- + **Mineral Prospectivity Models** →
- + **Mines Statement Index** →
- + **Petroleum Conference Papers** →

**QUICK LINKS**

- + **Coal Reports** →
- + **Mineral Reports** →
- + **Petroleum Reports** →
- + **Petroleum 2D Surveys** →
- + **Petroleum 3D Surveys** →
- + **Petroleum Wells** →

<sup>3</sup> Project refers to processed and reprocessed SEG Y data

Search for surveys using one or more parameters provided (more parameters are available by clicking on 'Advanced Search').

|                  |          |                      |   |
|------------------|----------|----------------------|---|
| Survey Name      | Contains | <input type="text"/> | <input type="button" value="SEARCH"/> <input type="button" value="RESET"/> <input type="button" value="Advanced Search"/> |
| Environment Type | Contains | <input type="text"/> |   |
| Region           | Contains | <input type="text"/> |   |
| Survey Year      | =        | 1995                 |   |

Select the **check box** of the surveys you wish to download. Hover over the 'Actions' tab and select 'Seismic Projects 2D' from the drop down menu. Note, for seismic field data select the appropriate entry in the 'Actions' tab.

| View                                | Show Selected            | Output  |
|-------------------------------------|--------------------------|---------|
| <b>Actions</b>                      |                          |         |
| Navigation File                     |                          |         |
| Observers Logs                      |                          |         |
| Petroleum Reports                   |                          |         |
| Seismic Field Data                  |                          |         |
| <b>Seismic Projects 2D</b>          |                          |         |
| Show on Petroleum Map               |                          |         |
| <input type="checkbox"/>            | <input type="checkbox"/> | CT95 2D |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | P95 2D  |

| Region                      | Environment Type | Confidential |
|-----------------------------|------------------|--------------|
| Northland Blocks NZ         | marine           | N            |
| Northland Basin, NZ         | marine           | N            |
| Offshore Taranaki Basin, NZ | marine           | N            |
| Offshore Taranaki Basin, NZ | marine           | N            |

A new window will open. Select all the **check box(s)** of all the seismic projects (processing versions) you wish to order. Hover over the 'Actions' tab and click 'Add to Briefcase' from the drop down menu.

| View                                | Show Selected            | Output  |
|-------------------------------------|--------------------------|---|
| <b>Actions</b>                      |                          |   |
| <b>Add to briefcase</b>             |                          |   |
| 1, items 1 to 61 of 61              |                          |   |
| Petroleum Reports                   |                          |   |
| Seismic Section Images              |                          |   |
| Surveys 2D                          |                          |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | P95-PR3768-IFHCPT P95 2D Enhanced Migration 1995 Time 03 Mar 2008 Project offline. Refer to readme on seismic disk. Inversion Full HCPT |

Click the '✓' next to 'Seismic Project Name' to select all items.





View

Show Selected

Output

Actions

Display: 200 | 1 | Displaying page 1 of 1, items 1 to 61 of 61

|  |  | Seismic Project Name | Survey Name | Survey Type | Seismic Project Type | Survey Year | time_depth |
|---|---|----------------------|-------------|-------------|----------------------|-------------|------------|
|  | <input type="checkbox"/>  | P95-PR2261-T-FAS     | P95         | 2D          | Far Angle Stack      | 1995        | Time       |
|  | <input type="checkbox"/>  | P95-PR2261-T-MAS     | P95         | 2D          | Mid Angle Stack      | 1995        | Time       |

Once you have all the seismic projects you require, navigate to Briefcase>Order Process/Status>'My Briefcase' (left hand side of screen) to complete the order.

[HOME](#)
[LOGOUT](#)
[HELP](#)

**SAVED SEARCH**

- Coal Reports
- Seismic Projects 2D
- Mineral Reports
- Petroleum Reports

**CLASSIFICATIONS**

- Briefcase
- Order Process/Status
  - My Briefcase**
- Coal
- Mineral
- Petroleum

**BEGIN YOUR ENHANCED SEARCH HERE**

Please register to use this functionality →

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To complete the order, select the **check box** of the projects you wish to order and click 'Order Seismic Project(s)'.

Order Seismic Project(s)

Clear

1 | Displaying page 1 of 1, items 1 to 4 of 4

|   |  | Seismic Project Name   | Seismic Project Type | Survey Name | Survey Type | Survey Year |
|---|---|------------------------|----------------------|-------------|-------------|-------------|
|  | <input checked="" type="checkbox"/>   | CNL95A-PR3447-AS-0-20  | Angle Stack          | CNL95A      | 2D          | 1995        |
|  | <input type="checkbox"/>  | CNL95A-PR3447-AS-20-40 | Angle Stack          | CNL95A      | 2D          | 1995        |

You will now be directed to a window that shows the cost of the order. If you choose to accept, you will then be requested to enter details for delivery. Fill out the form and click 'Submit Order' to complete your order. NZP&M will

contact you once your data is ready to send to you. Note that seismic field data orders will be forwarded to our data management contractor for follow up.

# New Zealand Petroleum & Minerals Data Order

[Change Address](#) | [Seismic Project Option](#) | [Seismic Project Item Detail](#)

Title  
First Name  
Family Name  
Email Address

Phone/Fax Number

|                      |                                |
|----------------------|--------------------------------|
| Phone Country Code * | <input type="text" value="v"/> |
| Phone Area Code *    | <input type="text"/>           |
| Phone Number *       | <input type="text"/>           |
| Fax Country Code     | <input type="text" value="v"/> |
| Fax Area Code        | <input type="text"/>           |
| Fax Number           | <input type="text"/>           |

Delivery Address

|           |                                |
|-----------|--------------------------------|
| Street *  | <input type="text"/>           |
| Zip Code  | <input type="text"/>           |
| City *    | <input type="text"/>           |
| Country * | <input type="text" value="v"/> |

For delivery options click the Report/Delivery Option button at the top of this page before submitting the order

Order Date  
A red asterisk (\*) indicates a required field.

Submit Order

Cancel



## Section 3: Sourcing Data Using Spatial Analysis

### 3.1 Maps

The maps in the online exploration database allow users to find and select data and to drilldown to related records in the database. Three maps are available based on commodity and can be accessed via the links to left of the screen under the classifications Coal, Mineral or Petroleum.

**HOME**  
**LOGOUT** **HELP**

**WORKSPACE**  
User Profile  
My Sign-on  
Change Workspace  
Administration

**SAVED SEARCH**  
Coal Reports  
Seismic Projects 2D  
Mineral Reports  
Petroleum Reports

**CLASSIFICATIONS**  
Administration  
Briefcase  
Coal  
Data  
Maps  
Coal Data Map  
Permit Map  
Reports  
Mineral  
Data  
Maps  
Mineral Data Map  
Permit Map  
Reports  
Petroleum  
Maps  
Permit map  
Petroleum Data Map  
Reports  
Surveys / Projects  
Wells

**BEGIN YOUR ENHANCED SEARCH HERE**

Search

**Quick tip - insert (\*) after search word**

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**New Maps in the Exploration Database**  
NZP&M has updated the maps in the exploration database, with improved features and performance. The maps have been rationalised with one map for each commodity type and can be accessed via the links to left of the screen under the classifications Coal, Mineral or Petroleum.

Details of the maps features can be downloaded by [clicking here](#)

**Regional Airborne-geophysical Survey Project (RASP)**  
NZP&M, on behalf of the New Zealand Government, contracted Thomson Aviation to undertake the RASP over nine blocks, three in the Nelson/Marlborough region and one in the Murchison and five in the Southland/Otago region. A total of 180,060 line km were acquired during the project.  
The RASP data has also been merged and processed with previous NZP&M and resource industry acquired data to form a Northern Mosaic and Southern Mosaic.

Mineral reports:  
**MR5400** - South Island Regional Airborne-Geophysical Survey Project (RASP) 2015 – 2020.  
**MR5717** - Northern Mosaic, South Island, New Zealand.  
**MR5729** - Southern Mosaic, South Island, New Zealand.

**HIGHLIGHTS**

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**NEED HELP?**  
+ Quick tips →

**RECENT RELEASES**  
+ Coal →  
+ Minerals →  
+ Petroleum →

**NZP&M DATA COMPILATIONS**  
+ 2018 Mineral Data Pack →  
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+ Mineral Geochem Database →  
+ Mineral Prospectivity Models →  
+ Mines Statement Index →  
+ Petroleum Conference Papers →

**QUICK LINKS**  
+ Coal Reports →  
+ Mineral Reports →  
+ Petroleum Reports →  
+ Petroleum 2D Surveys →  
+ Petroleum 3D Surveys →  
+ Petroleum Wells →

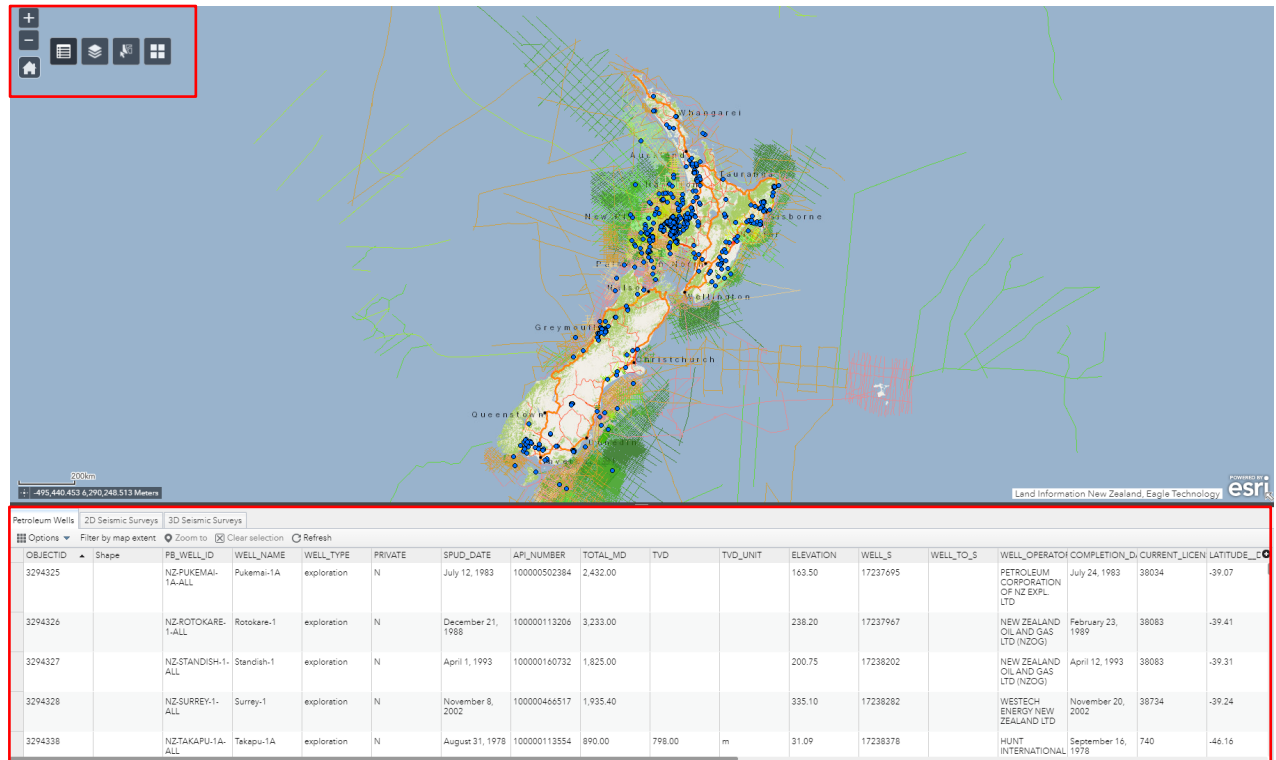
Following layers are available in the maps:

- Coal drillholes
- Coal reports
- Mineral drillholes
- Mineral reports
- Petroleum wells
- Petroleum reports
- 2D seismic surveys
- 3D seismic surveys
- Geophysical surveys

Each layer is related to a catalogue in the database. You can access the catalogue by selecting items in the layer and then clicking the open catalogue button. Refer to the open catalogue tool description in the map catalogue section below.



### 3.2 Map Controls

The Petroleum Data Map is given below. Control buttons are at top left of the map and catalogue attributes are displayed at the bottom.



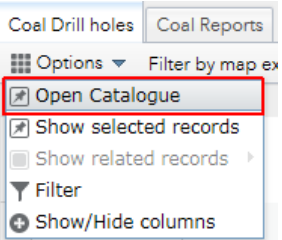
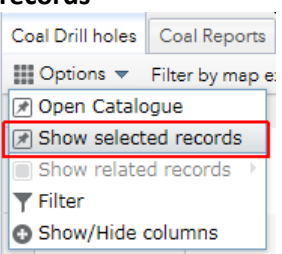
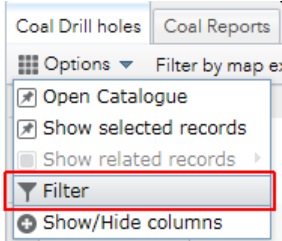
The table below shows the function of control buttons.

|                                |  |
|--------------------------------|--|
| <b>Zoom in/out</b><br>         | <ul style="list-style-type: none"> <li>Changes the map scale in or out</li> </ul>  |
| <b>Default extents</b><br>     | <ul style="list-style-type: none"> <li>Zooms the map to the default extent</li> </ul>  |
| <b>Catalogue attribute</b><br> | <ul style="list-style-type: none"> <li>Opens the layer catalogue at bottom of map display.</li> <li>Each visible layer's catalogue is displayed in a separate tab.</li> <li>Additional tools are displayed in the catalogue (see catalogue section).</li> </ul>  |
| <b>Layer list</b><br>          | <ul style="list-style-type: none"> <li>Lists the layers that can be displayed in the map. Checkboxes control whether the layer is showing or not.</li> <li>Expanding the layer shows the layer symbology.</li> <li>Clicking the 3 dots gives the option to set the layers visibility range and to enable/disable pop-ups.</li> </ul> |

|   |  |
|---|--|
| <b>Select</b><br>          | <ul style="list-style-type: none"> <li>Shows the layers that can be selected. <ul style="list-style-type: none"> <li>Selecting/de-selecting the layer checkbox makes the layer selectable or not.</li> </ul> </li> <li>To select items in a layer, click the Select button then click and drag the mouse over the items you want to select. <ul style="list-style-type: none"> <li>To add items to the selection press shift then click and drag the mouse over the items.</li> <li>To remove items from selection press ctrl then click and drag the mouse over the items.</li> </ul> </li> <li>When items in a layer are selected you can click on the 3 dots to display other selection actions such as zoom to, pan to etc.</li> <li>To clear the selection click on the Clear button</li> </ul> |
| <b>Basemap gallery</b><br> | <ul style="list-style-type: none"> <li>A range of basemaps are available including QMap geological, topographical and earth imagery</li> </ul>   |

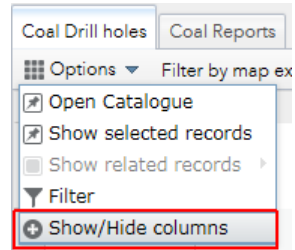
### 3.3 Map Catalogue

The map catalogue shows the attributes of the features displayed on the map. The catalogue is displayed by clicking the catalogue attribute button in the map area as shown in the map controls above. Selected items are displayed blue in the catalogue. There are a number of tools associated with the catalogue which are listed below.

|   |   |
|---|---|
| <b>Open catalogue</b><br>            | <ul style="list-style-type: none"> <li>When you have items selected, clicking this button will open a catalogue view of the items in another browser tab. In the new tab you can click on the Actions button which gives options to open other catalogues that are related to the item you selected on the map.</li> <li>The number of selected items cannot exceed 200. If you select more than 200 items you will receive a warning message. Click OK on the message and reduce the number of selected items.</li> <li>If no items are selected then the open catalogue button is greyed out</li> </ul> |
| <b>Show selected/all records</b><br> | <ul style="list-style-type: none"> <li>Clicking the show selected records button toggles between showing just the selected records or all the records in a catalogue.</li> </ul>  |
| <b>Filter</b><br>                    | <ul style="list-style-type: none"> <li>This tool allows you to create queries that controls what features are displayed on the map e.g. you can create a filter that would only display petroleum wells that have a TVD &gt; 3500m</li> </ul>   |

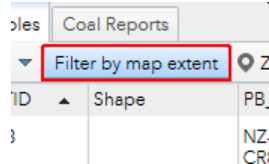


### Show/Hide columns



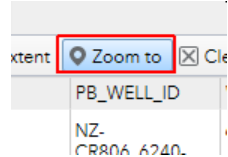
- This tool allows you control which columns are displayed or not.

### Filter by map extent



- When this button is clicked on, only the items that are displayed within the map extents are listed in the catalogue. As you zoom in or out the number of items will change based on the map extent.

### Zoom to



- When items have been selected, clicking on this button will zoom the map to the selected items

## Section 4: Downloading Petroleum Well Data

Navigate to Petroleum>Wells>Enhanced Well Data>'Log Images', 'Digital Wireline' or 'Wellbore Samples' on the left hand side of the screen.

# Online Exploration Database

WELCOME, JOHNNY WANG | WORKSPACE: M

HOME

LOGOUT

HELP

WORKSPACE

User Profile

My Sign-on

Change Workspace

Administration

SAVED SEARCH

Coal Reports

Seismic Projects 2D

Mineral Reports

Petroleum Reports

CLASSIFICATIONS

Administration

Briefcase

Coal

Mineral

Petroleum

Maps

Reports

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Wells

CM users only

Enhanced Well Data

Digital Wireline

Log Images

Wellbore Samples

Wells

BEGIN YOUR ENHANCED SEARCH HERE

Search

Quick tip - insert (\*) after search word

### WELCOME TO THE NEW ZEALAND PETROLEUM & MINERALS ONLINE EXPLORATION DATABASE

**NOTE: Downloads failing - Wednesday 9 January**

We are experiencing downloads failing from this site. We are working to resolve this matter and will notify as soon as the issue is resolved. If you require any information to be downloaded from the database please email [nzpam@mbie.govt.nz](mailto:nzpam@mbie.govt.nz) or phone, within NZ 0508 263 782 and international +64 3 962 6179, with your request. We apologise for any inconvenience this may cause.

**Welcome to our free database;** allowing you to easily discover, preview and access New Zealand exploration information by browsing database fields and digital reports online. **Register** for this free service to directly download or order your data. For information and tips on how to navigate around the upgraded site refer to the online help in the top left menu bar and the link below "About this site"

**Data for NAA1028\_51767**  
Land prospective for gold and silver in the Coromandel area is currently available for mineral exploration permit applications through the **Newly Available Acreage (NAA)** allocation method. Tenders close at 4:30pm on March 15, 2019. To view and download data available for the NAA1028\_51767 area click [here](#). Find out more about the available land and the NAA application process [here](#).

**2018 Strategic Mineral Studies**  
NZP&M funded New Zealand's first ever nation-wide study of rare earth elements (REEs), lithium and nickel-cobalt for potential prospectivity. GNS Science conducted the studies adopting a first-principles geological approach based on current geoscience knowledge combined with existing data, modelling and interpretation. Separate reports and maps have been produced for each mineral type. The maps outline potential prospectivity for REEs, lithium and nickel-cobalt.

Mineral reports:  
**MR5543** - New Zealand rare earth elements potential prospectivity report 2018.  
**MR5544** - New Zealand lithium potential prospectivity report 2018.  
**MR5545** - New Zealand nickel-cobalt potential prospectivity report 2018.

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+ Mineral Geochem Database →

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+ Mineral Reports →

+ Petroleum Reports →

+ Petroleum 2D Surveys →

+ Petroleum 3D Surveys →

+ Petroleum Wells →

Enter the relevant search fields, see the example below for 'Log Images', one or more is required, and 'click search'.

A log images list opens in a new window. Select the 'check box' for required log(s), wireline data or samples. Hover the mouse over 'Actions' tab and select 'Download' from the drop down menu. In the new download window click the download link.

**Log Images**

Search Well Name Like Kupe South-8

View Show Selected Output

Actions

Add to briefcase page 1 of 1, items 1 to 6 of 6

|                     | Name   | Log Number | Run | Run Type   | Depth        | Film | Scale   | File Format | Size (Kb) |
|---------------------|--|------------|-----|--|--------------|------|---------|-------------|-----------|
| <b>Entitlements</b> |  |            |     |  |              |      |         |             |           |
|                     | L1   | 1          |     | Sonic Scanner:<br>Cement Bond<br>Log - Variable<br>Density Log | 3275 - 3728m |      | 1 : 200 | PDS         | 1080      |
| <b>Well Headers</b> |  |            |     |  |              |      |         |             |           |
|                     | <input type="checkbox"/> Kupe South-8            | PR4021L2   | 2   | GR-CCL :<br>Correlation Log                                    | 3275 - 3728m |      |         | PDS         | 524       |
|                     | <input type="checkbox"/> Kupe South-8            | PR4021L3   | 3   | Sonic Scanner<br>Processing                                    | 3425 - 3715m |      | 1 : 200 | PDS         | 311       |
|                     | <input type="checkbox"/> Kupe South-8            | PR4021L4   | 4   | Sonic Scanner<br>Processing QC                                 | 3185 - 3715m |      | 1 : 200 | PDS         | 5208      |
|                     | <input type="checkbox"/> Kupe South-8            | PR4021L5   | 5   | USIT : Cement<br>Evaluation Mode                               | 3275 - 3728m |      | 1 : 200 | PDS         | 3134      |
|                     | <input checked="" type="checkbox"/> Kupe South-8 | PR4021L6   | 6   | PGGT-CPST-<br>MAXR: Gun<br>Setting Record                      | 3513 - 3575m |      |         | PDS         | 196       |

## Section 5: Enhanced Search Function

Enter the information you wish to search for into the search bar (\* is the wild card symbol for this search). Click the green arrow next to the search bar.

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Quick tip - insert (\*) after search word

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+ Petroleum Wells →

Relevant items will be displayed.

Search:

☐ Search While Typing

1 2 3 4 5 ▶

1. MR5589

[DOCUMENT CONTENT]

Hyde Resources Limited PP60123 Smylers Peak Technical Report 10 3.0 GEOLOGY 3.1 Regional Geology The Otago Schist forms a 100km wide broad arc of complexly deformed greenschist facies schists that extend from the east coast to the **Alpine Fault** (Figure 4). Uplift of the Otago Schist occurred in the Late Jurassic to Early Cretaceous accompanied by more brittle deformation evidenced by kink folds and **faulting**. Renewed movement on the Tiliro and Tuapeka **fault** zones resulted in localised subsidence and the deposition of a thick sequence of Taratu Formation coal measures. Continued movement north-westwards along the Tuapeka **Fault** Zone resulted in the accumulation of the Blue Spur Conglomerate.

Related Items

Actions

2. MR5579

[DOCUMENT CONTENT]

The Old Man Group is interpreted as Piedmont gravel deposited in a coastal plain environment and derived from the rising **alpine** Mountains. The maximum thickness of Miocene and Pliocene gravels was greater than 3000 m. Accelerated erosion through the uplift along the **Alpine Fault** and in the Paparoa Ranges since the Pliocene supplied large quantities of fluvial gravel to the area; this was reworked during successive glacial and interglacial periods throughout the Pleistocene.

Related Items

Actions

An item can be directly downloaded by clicking the **name** of the item e.g. **MR5589**.

Search:

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1 2 3 4 5 ▶

1. **MR5589**

Hyde Resources Limited PP60123 Smylers Peak Technical Report 10 3.0 GEOLOGY 3.1 Regional Geology The Otago Schist forms a 100km wide broad arc of complexly deformed greenschist facies schists that extend from the east coast to the **Alpine Fault** (Figure 4). Uplift of the Otago Schist occurred in the Late Jurassic to Early Cretaceous accompanied by more brittle deformation evidenced by kink folds and **faulting**. Renewed movement on the Tiliro and Tuapeka **fault** zones resulted in localised subsidence and the deposition of a thick sequence of Taratu Formation coal measures. Continued movement north-westwards along the Tuapeka **Fault** Zone resulted in the accumulation of the Blue Spur Conglomerate.

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Related Items

Related items will be displayed by hovering the mouse over the 'Related Items' tab and an enhanced search can be applied by clicking any item in the list.

Search:

☐ Search While Typing

123456

51 MR4661

Regional Geology New Zealand straddles the boundary between the Australian and Pacific crustal plates, the boundary being marked by the **Alpine Fault**. The north west of the South Island of New Zealand com and Range Province, an area of predominantly early Palaeozoic rocks in broad northerly trending belts, which terminate in the southeast against the **Alpine Fault**. As deformation progressed, fold hinges were cor angle reverse **faults**, and bedding concordant quartz veins formed between discrete bedding planes.

Related Items

LICENSE: 41164  
WELL: RDD0076  
WELL: RDD0077  
WELL: RRC0064  
WELL: RRC0065  
WELL: RRC0066  
WELL: RRC0067  
WELL: RRC0068  
WELL: RRC0069  
WELL: RRC0070  
WELL: RRC0071  
WELL: RRC0072  
WELL: RRC0073  
WELL: RRC0074

Action

The search results can be filtered by using 'AVAILABLE FILTERS' on the right hand side of the screen.

Search:

☐ Search While Typing

12345

1 MR5589

[DOCUMENT CONTENT]  
Hyde Resources Limited PP60123 Smylers Peak Technical Report 10 3.0 GEOLOGY 3.1 Regional Geology The Otago Schist forms a 100km wide broad arc of complexly deformed greenschist facies schists that extend from the east coast to the **Alpine Fault** (Figure 4). Uplift of the Otago Schist occurred in the Late Jurassic to Early Cretaceous accompanied by more brittle deformation evidenced by kink folds and **faulting**. Renewed movement on the Tūiri and Tuapeka **fault** zones resulted in localised subsidence and the deposition of a thick sequence of Taratu Formation coal measures. Continued movement north-westwards along the Tuapeka **Fault** Zone resulted in the accumulation of the Blue Spur Conglomerate.

Related Items

Actions

2 MR5579

[DOCUMENT CONTENT]  
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Related Items

Actions

AVAILABLE FILTERS

CATEGORY

COAL REPORT ENCLOSURES

COAL REPORTS

DOCUMENT CONTENT

MINERAL REPORT ENCLOSURES

MINERAL REPORTS

PETROLEUM REPORT ENCLOSURES

PETROLEUM REPORTS

The selected filter can be seen on the right hand side of the screen, click the 'red cross' to remove the filter.

Search:

☐ Search While Typing

1 CR3795-1

[COAL REPORT ENCLOSURES]  
Document: CR3795-1 - Descriptions: Export from Vulcan model e.g. block model, structural surfaces, **faults** etc. - Enc\_Lno: 1 - Report\_Number: 3795 - Type: Other - Related Items: license[37150 [63810249]

Related Items

Actions

2 CR48-1

[COAL REPORT ENCLOSURES]  
Document: CR48-1 - Descriptions: Main **faults** - Enc\_Lno: 1 - Paper: 1 - Report\_Number: 48 - Scale: 1in=5chms - Type: Geoph - Related Items:

Related Items

Actions

SELECTED FILTERS

CATEGORY=COAL REPORT ENCLOSURES

AVAILABLE FILTERS

None

Catalogues having items related to a search results can be displayed by hovering the mouse over 'Action' tab.

Search:

☐ Search While Typing

123

1. MR1577

[MINERAL REPORTS]

Anomalies were found to be caused by elongate flat-lying sulphide zones in chlorite schist within the alpine fault zone.

Related Items

Actions

Download  
TABLE: Mineral Reports  
TABLE: Mineral Report Enclosures

Clicking on the catalogue name will open the catalogue in a new browser tab.

Mineral Reports

↑ Search

SEARCHRESETBasic Search

Report NumberContains

TitleContains

AuthorContains

AbstractContains

OperatorContains

LicenceContains

RegionContains

ProspectContains

Year End=

CommodityContains

Map Sheet S260Contains

SEARCHRESETAdvanced Search

ViewShow SelectedOutput

Actions

Display: 200 | 1 | 1 | Displaying page 1 of 1, Items 1 to 1 of 1

|  | Report Number            | Licence | Operator             | Title                 | Author   | Abstract     | Region   | Year End | Report Type | File Format                           | Size (Kb) |       |
|--|--------------------------|---------|----------------------|-----------------------|--|--------------|--|----------|-------------|---------------------------------------|-----------|-------|
|  | <input type="checkbox"/> | MR1577  | 24368 MPW, 24468 MPW | McIntyre Mines NZ Ltd | Final report on the Station Creek area, Matakaitaki project 503 MPW 243/68, 244/68 | Bates, T. E. | 1,284 stream sediment samples. Anomalies were found to be caused by elongate flat-lying sulphide zones in chlorite schist within the alpine fault zone. Mineralisation is weak. Recommended no further work. | Tasman   | 31 Dec 1971 | Final Report, Geochemical, Geological |           | 463.4 |