

Skip Links

[Skip to Main Content](#)

[Skip to Primary Navigation](#)

[Skip to Sibling Navigation](#)

Show/Hide search form

Menu

- [Permits](#) Show/Hide sub-navigation

Permits

- [Online Permitting System](#) Show/Hide sub-navigation
 - [Registration for Permit Access](#)
 - [Public search](#)
- [Minerals permits](#) Show/Hide sub-navigation
 - [Types of permits](#)
 - [Apply for a new permit or manage current permits](#) Show/Hide sub-navigation
 - [Permit processing performance](#)
 - [Land available for applications](#)
 - [Guidelines](#)
 - [Minerals Permit Webmaps](#)
 - [Fees, Royalties and ERLs](#)
 - [Complying with your mineral permit](#) Show/Hide sub-navigation
 - [Annual summary reports](#) Show/Hide sub-navigation
 - [Example mine plans](#)
 - [Technical reporting](#)
- [Petroleum permits](#) Show/Hide sub-navigation
 - [Types of permits](#)
 - [Block Offer permit tender process](#) Show/Hide sub-navigation
 - [Block Offer 2018](#)
 - [Release area map](#)
 - [Invitation for Bids](#)
 - [Bidders' Questions, Answers and Variations](#)
 - [Consultation](#)
 - [Previous Block Offers](#) Show/Hide sub-navigation
 - [Block Offer 2017](#)
 - [Block Offer 2016](#)
 - [Block Offer 2015](#)
 - [Block Offer 2014](#) Show/Hide sub-navigation
 - [Permit details and maps](#)
 - [Block Offer 2013](#)
 - [Block Offer 2012](#)
 - [Prior to 2012](#)
 - [Block Offer 2019](#) Show/Hide sub-navigation
 - [About the Block Offer 2019 proposal](#)
 - [Apply for other permits or manage current permits](#) Show/Hide sub-navigation
 - [Petroleum Permit Webmaps](#)
 - [Fees, Royalties and ERLs](#)
 - [Compliance and reporting requirements](#) Show/Hide sub-navigation
 - [Annual reports](#)
 - [Annual review meetings](#)
 - [Obligations and compliance](#)

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Skip Links

- [Maps and geoscience data](#) Show/Hide sub-navigation

Maps and geoscience data

- [Exploration Database](#)
- [Online Permitting System](#)
- [Petroleum Permit Webmaps](#)
- [Petroleum Exploration Data Pack](#) Show/Hide sub-navigation
 - [Order a Petroleum Data Pack](#)
- [Online Onshore Taranaki 2018 Block Offer Data Pack](#) Show/Hide sub-navigation
 - [Request online access to Onshore Taranaki Data Pack](#)
- [Minerals Permit Webmaps](#)
- [Minerals Exploration Data Pack](#) Show/Hide sub-navigation
 - [Order a Minerals Data Pack](#)
- [The Core Store](#)
- [NZ Mine Plans](#)

- [Doing business in New Zealand](#) Show/Hide sub-navigation

Doing business in New Zealand

- [Why invest in New Zealand](#)
- [Investing in petroleum](#) Show/Hide sub-navigation
 - [Petroleum resource potential](#)
 - [New Zealand's petroleum regulators](#)
 - [The petroleum permit lifecycle and Block Offer](#)
- [Investing in minerals](#) Show/Hide sub-navigation
 - [Mineral resources potential](#)
 - [Minerals regulators in New Zealand](#)
 - [Minerals permits and regulation through the lifecycle](#)
- [Māori and the Treaty of Waitangi](#) Show/Hide sub-navigation
 - [The Treaty of Waitangi](#)
 - [Crown consultation with Māori](#)
 - [Permit holder engagement with Māori](#)
- [Local Government and Stakeholders](#)
- [How we help investors](#)

- [Our petroleum and minerals industry](#) Show/Hide sub-navigation

Our petroleum and minerals industry

- [Mineral estate](#)
- [Value and benefits](#)
- [Rules and regulations](#)
- [Products and climate change](#)
- [Petroleum](#) Show/Hide sub-navigation
 - [How petroleum forms](#)
 - [History of petroleum](#)
 - [Phases of petroleum exploration and production](#) Show/Hide sub-navigation
 - [Prospecting](#)
 - [Exploration](#)
 - [Production](#)
 - [Petroleum data](#)
- [Minerals](#) Show/Hide sub-navigation
 - [History of minerals and coal](#)
 - [Phases of mineral exploration and production](#) Show/Hide sub-navigation
 - [Prospecting](#)
 - [Exploration](#)
 - [Production](#)
 - [Minerals data](#) Show/Hide sub-navigation

- [Annual minerals industry statistics](#)
- [Coal](#) Show/Hide sub-navigation
 - [Regional coal resources](#)
 - [Operating coal mine production figures](#) Show/Hide sub-navigation
 - [2017 production figures](#)
 - [2016 production figures](#)
 - [2015 production figures](#)
 - [2014 production figures](#)
 - [2013 production figures](#)
- [Gold fossicking](#)
- [Pounamu Management Areas](#)
- [Aeromagnetic Surveys](#)
- [Factsheets](#)
- [Subscribe to The Regulator's Update](#)

Search website

Search term

Submit Search

You are here: [Home](#) / [Our petroleum and minerals industry](#) / Aeromagnetic Surveys

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Our petroleum and minerals industry

- [Mineral estate](#)
- [Value and benefits](#)
- [Rules and regulations](#)
- [Products and climate change](#)
- [Petroleum](#)
- [Minerals](#)
- [Aeromagnetic Surveys](#)
- [Factsheets](#)
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Guide to the South Island Aeromagnetic Surveys

New Zealand has a long history of mining, but much of the country remains relatively under-explored and has real potential for further mineral discoveries. Commencing in November 2015, New Zealand Petroleum & Minerals began a scientific survey of parts of Nelson, Marlborough, Murchison, Otago and Southland, to help us get a better understanding of the geology of these areas.

Aeromagnetic Surveys

Aeromagnetic surveys provide high quality data about the geology of an area. It is a very cost-effective way to gather data. We fly survey aircraft (in this case a helicopter) over the area and use instruments to measure the magnetic fields and natural radiation characteristics of the ground below.

The survey will be operating from its base in Cromwell from mid-January 2020 to March 2020.

[Read the Aeromagnetic Survey Factsheet \[PDF 495KB\]](#)

For further information, keep an eye out for updates on this page. If you have any operational concerns please call Thomson Aviation on 021 269 6870

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- [New Zealand Petroleum and Minerals](#)
- [Permits](#)
- [Maps and geoscience data](#)
- [Doing business in New Zealand](#)
- [Our petroleum and minerals industry](#)

Quicklinks

- [Exploration Database](#)
- [Online Permitting System](#)
- [Petroleum Permit Webmaps](#)
- [Minerals Permit Webmaps](#)
- [The Core Store](#)
- [About Us](#)
- [Purpose and role](#)
- [News and media](#)
- [Careers](#)
- [Contact us](#)
- Follow NZP&M: [LinkedIn](#)



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