



DOIA21/22080607

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Dear s 9(2)(a)

Thank you for your email on 16 August 2021 requesting the following information under the Official Information Act 1982 (the Act):

...the rest of the document of which it forms part, please.

The document, Desktop Site Analysis Site 41 – Former Mount Crawford Prison, is attached with some information withheld under the following sections of the Act:

Section of Act	Reason to withhold
9(2)(g)(i)	Maintain the effective conduct of public affairs through the free and frank expression of opinions by or between or to Ministers of the Crown or members of an organisation or officers and employees of any department or organisation in the course of their duty
9(2)(h)	maintain legal professional privilege
9(2)(j)	enable a Minister of the Crown or any department or organisation holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)

In terms of section 9(1) of the Act, I am satisfied that, in the circumstances, the decision to withhold information under section 9 of the Act is not outweighed by other considerations that render it desirable to make the information available in the public interest.

You have the right to seek an investigation and review of my response by the Ombudsman, in accordance with section 28(3) of the Act. The relevant details can be found on the Ombudsman's website <a href="https://www.ombudsman.parliament.nz">www.ombudsman.parliament.nz</a>.

As part of our ongoing commitment to openness and transparency, the Ministry proactively releases information and documents that may be of interest to the public. As such, this response, with your personal details removed, may be published on our website.

Yours sincerely

Matt Fraser

Manager Land Acquisition and Development



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Desktop Site Analysis

Site 41 - Former

Prison

PREPARED FOR THE MINISTRY OF HOUSING AND URBAN DEVELOPMENT





711195.001 | 31 January 2019

Cal bre Group Limited 04 384 2029

#### QUALITY ASSURANCE STATEMENT

TASK	NAME SIGNATURE
Project Manager	David Jones
Prepared by	Claire Buxton, Maryam Mamo, Sriniyasu Chakkapalli
Reviewed by	Brett Gawn
Approved for Issue by	David Jones

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711195.001 RE 20190128 Desktop Site Analysis – Former Mount Crawford Prison

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Appendix A				

Chorus and Vodafone Plans
ENGEO Geotechnical Desktop Study - Draft
ENGEO Contamination Desktop Study (PSI) - Draft Appendix B Appendix C Appendix D

# **Executive Summary**

Cal bre has prepared this report to support the Ministry of Housing and Development in assessing the development potential of part of the Watts Peninsula in Maupuia, Wellington for the Kiwibuild programme. The part of Watts Peninsula is that which was once the Mount Crawford Prison identified as Site 41. Calibre and ENGEO completed a desktop analysis for the eight parcels included within the Site. § 9(2)(i)

Cal bre would like to note that this report relies on limited and high level information. Information within it should be considered indicative only.

Table 0.1 Quick Reference Site Specific Information and Risks (Use in combination with map on next page)

Site Number	Legal Description	Record of Title/Gazette	Area (Ha)	Owner	Purpose	WCC District Plan Zone	Legal Encumbrances	s 9(2)(j)
41.1	Section 4, 6, & 7 SO 477035	760898 GN2003,p347	5.2328	HMQ	Justice	Open Space B     Ridgelines and Hilltops     Airport flight path not affected     Designation #K1	Easements in gross for Telecom, WCC and PowerCo     RFR Land (Port Nicholson Block Settlement Trust)	2
41.2	Section 1 & 3 SO 477035	760897	4.4182	HMQ	Justice	<ul> <li>Open Space B</li> <li>Ridgelines and Hilltops</li> <li>Airport flight path not affected</li> <li>Designation #K1 (Building Restriction Area)</li> </ul>	Appurtenant Right of Way over present day Main Road     RFR Land (Port Nicholson Block Settlement Trust)	X / 05)
41.3	Part Section 3 Watts Peninsula District	WN46B/927	0.5084	НМО	Justice	<ul> <li>Open Space B</li> <li>Ridgelines and Hilltops</li> <li>Airport flight path not affected</li> <li>Designation #K1</li> </ul>	RFR Land (Port Nicholson Block Settlement Trust)	
41.4	Section 1 SO 24508 and Part Lot 1 DP 4741	WN46B/926	0.4527	НМО	Justice	<ul> <li>Open Space B</li> <li>Ridgelines and Hilltops</li> <li>Airport flight path not affected</li> <li>Designation #K1</li> </ul>	RFR Land (Port Nicholson Block Settlement Trust)	
41.5	Part Lot 4 Block XII DP 858	WN46B/923	1.0901	HMQ	Justice	Outer Residential     Airport flight path not affected	RFR Land (Port Nicholson Block Settlement Trust)	
41.6	Part Section 2 and 3 Watts Peninsula District	GN1886p694 (Proc. 55)	4.0[ <u>(approx.)</u>	The Crown	Defence	Open Space B     Ridgelines and Hilltops     Airport flight path not affected     Designation #K1 in part	TBC – Gazette Notice ordered	

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# **GWRC Web Map**

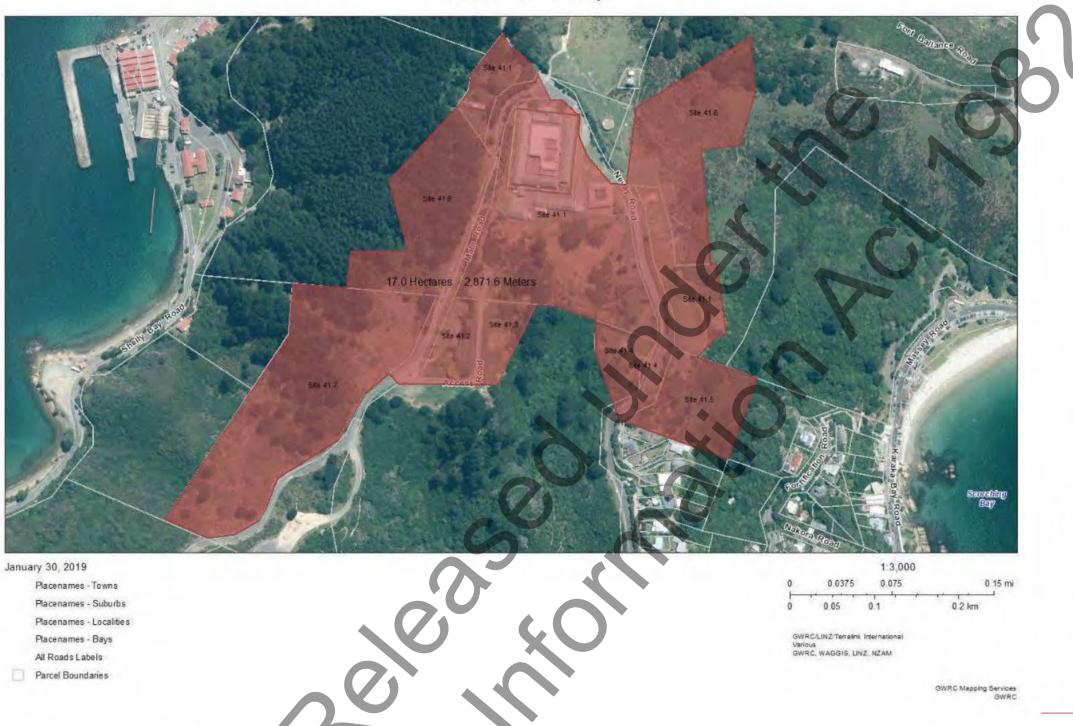


Figure 0.1 Overall Map of Site 41 Showing Unique Identifiers Based on Fee Simple Title or Gazetts

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#### 1 Introduction

The Ministry of Housing and Urban Development (HUD) have engaged Calibre to provide our services in completing a desktop investigation of Site 41, the old Mount Crawford Prison (the Site). This report is a combination of our findings and our recommendations relating to statutory planning, engineering and infrastructure, and transport planning. Calibre have also included a summary of the Site's geotechnical and contamination constraints based on a desktop study that ENGEO has completed for us.

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# 2 Existing Site Assessment

Cal bre and ENGEO have completed a desktop assessment to discover what the existing situation is. This section outlines our findings. Although this assessment was complete in a short amount of time, Calibre suggest it is sufficient for informing HUD of the current site constraints.

#### 2.1 Mana Whenua

The Resource Management Act recognises that Māori have a special cultural and spiritual relationship with the environment and have a role in helping safeguard it on behalf of all New Zealanders.  $\varepsilon$   $\alpha/2V/1$   $\varepsilon$   $\alpha/2V/1$ 



<sup>&</sup>lt;sup>2</sup> Taranaki Whānui ki te Upoko o Te Ika is a collective of multiple Iwi which includes Te Atiawa. It is also sometimes referred to as Taranaki Whānui ki te Whānganui o Tara.



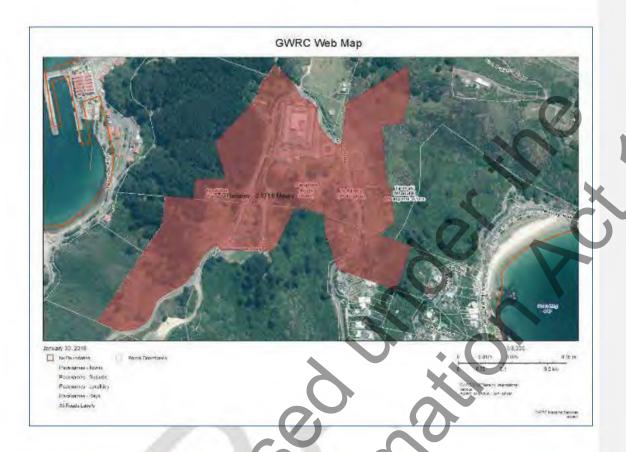


Figure 2.1 GWRC Map Showing Potent tent of Site 41

#### Land Ownership 2.2

In order to simplify identify the Site's varying records of title and gazette notices, Calibre gave a unique identifier to each of the estates. These are shown in Figure 0.1 above.

There are eight parcels within the Site. These are comprised in five Records of Title plus Gazette Notices for both the Defence and the Justice land. There is Gazette Notice from 2003 declaring Section 1 SO 37939 (Site 41.1) to be set aside for Justice and to remain vested in the Crown. Each of the sites are broken down by estate reference in Table 2.1 below.

Cal bre have reviewed the document provided by HUD titled High Level Legal Due Diligence - Site 41 - Former Mount

Cal bre have reviewed the document provided Crawford Prison, 20 Main Road, Wellington. s 9(2)(g)(i)

That Due Diligence document is included in Appendix A of this the latest Gazette Notice, and the letter of the latest Gazette Notice. report for quick reference. Also included in Appendix A are the Records of Title, the latest Gazette Notice, and the legal instruments registered on each title. The earlier Gazette Notice (1886 p694) has been ordered but Calibre had not received it at the time of writing this report.

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Table 21	Land Owners	hin and Rec	nistered Enc	umbrances
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Site Number	Legal Description	Record of Title/Gazette (Appendix A)	Area (Ha)	Registered Owner	Purpose	Legal Encumbrances (Appendix A)
41.1	Section 4, 6, & 7 SO 477035	760898 GN2003,p347	5.2328	HMQ <sup>3</sup>	Justice	Easement for Telecom to Convey Telecoms, Right of Way and Right to Drain Sewage (B on SO 477035).     Easement for Telecom to transmit and receive transmission (etc) (H on SO 477035).     First Right of Refusal for the Port Nicholson Block Settlement Trust.     Easement for WCC to Convey Water (B on SO 477035).     Easement for PowerCo to Convey Gas (A, B, C, D, E, F, and G on SO 477035).
41.2	Section 1 & 3 SO 477035	760897	4.4182	HMQ	Justice	Appurtenant Right of Way (Transfer 411135) which appears to be covering the present day Main Road.     First Right of Refusal for the Port Nicholson Block Settlement Trust.
41.3	Part Section 3 Watts Peninsula District	WN46B/927	0.5084	HMQ	Justice	<ul> <li>First Right of Refusal for the Port Nicholson Block Settlement Trust.</li> </ul>
41.4	Section 1 SO 24508 and Part Lot 1 DP 4741	WN46B/926	0.4527	HMQ	Justice	<ul> <li>First Right of Refusal for the Port Nicholson Block Settlement Trust.</li> </ul>
41.5	Part Lot 4 Block XII DP 858	WN46B/923	1.0901	HMQ	Justice	<ul> <li>First Right of Refusal for the Port Nicholson Block Settlement Trust.</li> </ul>

<sup>&</sup>lt;sup>3</sup>Her Majesty the Queen

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Site Number	Legal Description	Record of Title/Gazette (Appendix A)	Area (Ha)	Registered Owner	Purpose	Legal I	Encumbrances ndix A)
41.6	Part Section 2 and 3 Watts Peninsula District	GN1886,p694 (Proc. 55)	4.0 (approx.)	The Crown	Defence	•	Not yet clear. Gazette Notice has been ordered.

### 2.2.1 Land Purpose

The Crown own all land within Site 41. The fee simple parcels (those with Records of Title) are all for Justice purposes. The gazetted parcels (without Records of Title) are for Defence purposes. These two different purposes are shown in Figure 2.2 below with Justice in red and Defence in blue (Site 41.6). We have roughly measured the area of the Defence land to be 4.0 Hectares.

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Figure 2.2 GWRC Map Showing Purposes of Site 4) within Indicative Extent

# 2.3 Statutory Planning

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Figure 2.3 Map 13 from the District Plan with Site 41 overlaid (solid red line)

#### 2.3.1 District Plan Zones

The majority of the site is zoned Open Space B in the WCC District Plan. The exception to that is Site 41.5 (Part Lot 4 Block XII DP 858) which is zoned Outer Residential.

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"Open Space B land is valued for its natural character...used for types of recreation that, in the broadest sense, do not involve buildings...The intention is to keep such areas in an unbuilt or natural state""

WCC District Plan, Page 16/2.

s 9(2)(j)

#### 2.3.2 District Plan Overlays and Protected Features

#### 2.3 2.1 Hilltops and Ridgelines

The majority of the site is within the Hilltops and Ridgelines overlay.

"...Councils strategy is to maintain a relatively undeveloped character in these [ridgelines and hilltops]" areas.

WCC District Plan, Page 16/1.

#### 2.3 2.2 Heritage

Māori Sites in close proximity to the Site are listed in the District Plan and are shown in Map 13 (Figure 2.3 above).

Table 2.2 The three Māori sites of significance in close proximity to Sie

Map Symbol	Мар	Title Categor		Significance
M94	13	Mataki-kai-poinga	Site	Important
M95	13	Puhirangi Pa	Site	High
M96	13	Te Mahanga	Site	High

M96 is within the same parcel as Site 41.6 (Part Section 2 Watts Peninsula District) 9(2)(1)

Total or partial demolition

destruction, or removal of any of these is a discretionary (unrestricted) activity.

Fort Balance is listed as a Historic Places Category 1 in Heritage New Zealand. The Fort is not within the Site s 9(2)(j)

#### 2.3 2.3 Designation

The site has a designation over it as shown in the Designations Chapter of the District Plan (and in Figure 2.3 above).

Table 2.3 Minister of Corrections Designation K Details from the District Plan

Designation No.	Map Ref	Designation Title	Location of Site	Legal Description and Gazette	s 9(2)(j)
К1	13	dustice	Wellington Prison Watts Peninsula, Wellington	Details attached as Appendix A.	

Designation K1 covers the majority of the site, the exception being all of Site 41.5 and the majority of Site 41.6 (Defence Land). Buildings or structures cannot be located within the area shown as hatched in Figure 2.4 below (part Site 4.2).



Figure 2.4 Appendix A from the WCC District Plan Showing Designation KT

# 2.3 2.4 Indigenous Vegetation and Ecological Areas

Figure 2.5 shows a large portion of the Site as being covered with threatened indigenous environments. Modification, damage, removal, or destruction of indigenous vegetation is permitted subject to conditions.  $_{\rm S}$  9(2)(i)



Figure 2.5 GWRC DoC Ecological Sites and Threatened Indigenous Environments

#### 2.3 2.5 Earthworks and Retaining Walls

Earthworks under the GWRC Proposed Natural Resources Plan (PNRP) are technically poss ble q 9/2\(\ext{i}\)

#### 2.3 2.6 Wellington Airport Noise

On review of Map 35 in the District Plan, Wellington Airport air noise boundary is well away from Site 41.

#### 2.3.3 Affected Parties & Notification

Any resource consent application requires the approval of the land owner. In the case of this Site, Her Majesty the Queen is the registered land owner. Land Information New Zealand are the Crown's land manager.

Council will assess the notification status of an application for resource consent on a case by case basis.

The potentially affected parties for any resource consent relating to the Site will likely include:

- Te Rūnanga o Toa Rangatira Incorporated who represents Ngāti Toa;
- Port Nicholson Block Settlement Trust who represents Taranaki Whānui ki te Upoko o te Ika a Maui;

- · Department of Corrections;
- New Zealand Defence Forces.

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### 2.4 Engineering and Infrastructure

Cal bre carried out this desktop analysis for the assessment of the existing infrastructure within the areas of interest at Mt Crawford, to identify any significant constraints and future requirements for the proposed KiwiBuild project. The analysis covered checking for the availability of Water supply, Stormwater and Wastewater networks and the assessment for the adequacy of these networks to service the proposed development.

The desktop analysis also covered the assessment of the Transportation and other essential Utilities (Electricity, Telecommunication). The availability of Gas onsite was also checked.

#### 2.4.1 Stormwater





Figure 2.6 Existing Flooding Downstream of Site

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#### Figure 2.7 Existing Flooding Downstream of Site

The Site has an existing wastewater connection from Nevay Road. The upstream end of the wastewater system in Nevay Road is approximately located outside property No. 212.

The existing reticulation main according to the GIS is of nominal diameter 150mm Asbestos Cement installed in 1965. s 9(2)(j)

The downstream wastewater networks is connected to pump station (PS29) located at Karaka Bay Road in Seatoun. Refer to Figure 2.8 for the wastewater network details.

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Figure 2.8 Existing Wastewater Connection to Site on Nevay Road

#### 2.4.2 Potable water

Wellington City Council (WCC) has three water tanks near the Site. One is located in close proximity to the Former Mt Crawford Prison on a higher ground, with a capacity of 500m³. This reservoir supplies to Mt Crawford and some properties in the Eastern Suburb. The Bottom Water Level (BWL) of this reservoir is 160m while the Top Water Level (TWL) is 164.10m and the depth of the reservoir is 4.1m. The reservoir was constructed in 1983.

In accordance with the Regional Standard for Water Services (Nov-2012), the mandated level of pressure measured during peak demand flow assuming reservoir level is at the BWL, is 25m minimum. The existing level for the area at the Former Mt Crawford prison is approx. 140m s 9(2)(i)

The other two Wellington City Council reservoirs are located in Maupuia. The reservoirs appear identical, and each has a capacity of 1,136.00m³. The TWL for the reservoirs is 127.6m and the BWL is 123.80m, and the depth is 3.8m. The reservoirs were constructed in 1971. The two reservoirs currently supply the eastern suburb in accordance to the District Metering Areas (DMAs) shown on Wellington Water GIS system.

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For the location of the reservoirs, and the DMA Zones refer to Figure 2.9.



Figure 2.9 Existing Reservoirs and DMA Zones

#### 2.4.3 Utilities

The following services connections are available onsite:

#### 2.4.3.1 Telecommunications

Telecommunications cable and ducts are available onsite. These can be found at any depth. Multiple cables/ducts of different sizes are represented by a single line on the drawing, However, details what each line represents are also shown on the drawings. Refer to Chorus plans CN. 57-CN59 in Appendix B for the telecommunications service (cable/ducts) within the area.

A telecommunication tower also exists north of the Site. Refer to Figure 2.10.

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Figure 2.10 Plan Showing Telecommunications Tower North of the Site

#### 2.4.3.2 Electricity

Electricity service connections are available onsite. High and low voltage cables are in use, Public lights and overhead power lines also exist onsite. Refer to Wellington Electricity Plan for the details of existing services in Figure 2.11 below. A substation was also observed onsite in close proximity to the former Mt Crawford Prison as shown in Figure 2.12 below.

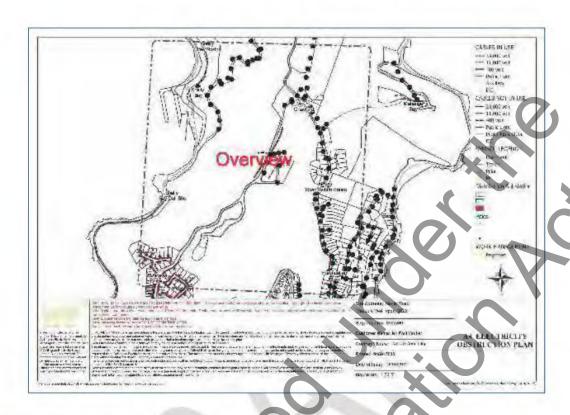


Figure 2.11 Wellington Electricity Overview



Figure 2.12 Electricity Substation

#### 2.4.3.3 Gas

PowerCo plans for the gas service were obtained. Gas distribution main and service connections are available onsite. The location of this service is marked with magenta on Figure 2.13 shown below.



Figure 2.13 Existing Gas Services

### 2.4.4 Site topography

As shown in Figure 2.14 below, the site straddles a spur then slopes to the east and west relatively steeply. Heights across the Site range from as low as 60 metres to as high as 160 metres above sea level. Site 41.1 is the most flat land in the Site, particularly in the centre where the prison building sits.

There are multiple existing buildings, a car park, and some old retaining walls scattered around the Site. Refer to the ENGEO Preliminary Environmental Site Investigation (PSI) in Appendix C for more detail on these existing structures.

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Figure 2.14 Site Contours from GWRC GIS

### 2.5 Transportation

The main focus of this section is to review the existing transportation network, any future upgrades and plans by Wellington City Council and identify the risks.

This will enable an early engagement with Wellington City Council and NZ Transport Agency regarding their current and future network plans. This will enable the likely transport requirements for the development to be determined.

#### 2.5.1 Existing Transportation Network Assessment

The transport network hierarchy for Wellington City, which is defined in the District Plan, is shown in the below figure 3.4. There are two existing vehicle accesses to the old Mount Crawford Prison (the Site), via Main Road-Mount Crawford and Nevay Road. Main Road Mount-Crawford is main focus for this area which provide short and quick access to the primary arterial road via Miramar Avenue. Main Road-Mount Crawford is classified as an access road and it is very narrow without footpaths or cycle ways (see below image xx). Another access to the site is Nevay Road which is classified as a secondary collector street with a footpath on one side (see below image xx). Miramar Avenue is 4 lane primary arterial road. Maupuia Road/Akaroa Dr is the primary collector feed traffic from Main Road Mount-Crawford to Miramar Avenue. Park Road and Para Streets feed traffic from Nevay Road to Miramar Avenue.



Figure 2.15 Map of Existing Road Access to Site



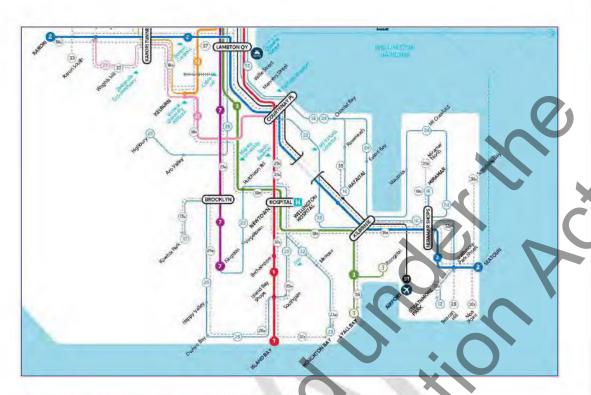
Figure 2.16 Photo of Vieva Road



Figure 2.17 Photo of Nevay Road

#### 2.5.2 Existing Public Transport and Cycle-Ways

The old Mount Crawford Prison (the Site) is currently serviced by one main connector. Wellington City Public Transport Network map can be found in Figure 3.5 below, Bus route number 24 between Johnsonville and Miramar Heights serving this area at a frequency every 60 minutes (Mon-Fri) and 30 minutes at peak times, which provide quick access to the city centre. Currently there is on bus stop located on Main Road-Mount Crawford the proposed Kiwi Build development required more bus stops. It is advised consult with Greater Wellington Regional Council (GWRC) specific need of improvements to service in the area at later stage. It was observed there are no existing cycle-ways in this area. The recent studies indicates that increases in demand for the cycle-ways in the city. This should be considered later stage and discussed with GWRC with their proposed cycleway network improvements.





#### 2.5.3 High Level Road Network Performance

Based on studies conducted for Shelly Bay development the majority of generated peak hour traffic to and from the site will travel towards Wellington city centre via Miramar Avenue. Due to the proximity of local amenities, schools and possible work opportunities in Miramar, there will be a portion of the development generated trips that will travel east along Miramar Avenue. The existing traffic along Miramar Avenue has a 60:40 split with 60% travelling towards Wellington city centre and 40% travelling towards Miramar in the AM peak, with the reverse in the PM peak.

In the current scenario, the existing road network surrounding the site during morning peak and evening peak hours operating at a good level of service as there is no traffic generated from the site. Miramar Avenue the primary arterial performing during morning peak and evening peak hours operating at a moderately good level of service.

#### 2.5.4 Future Transit Network Projects

- Shelly Bay development
- Miramar Area Cycle ways

### 2.5.5 Future Network Requirements Assessment

From a performance perspective, the proposed development in the area is not expected to have a significant negative impact on the existing transportation network. However, there is a chances of delays once the site is developed at Maupuia Road/Miramar Avenue, Park Road/Miramar and Para Street/Miramar Avenue intersections. Further study is required to find level of service at these intersections based on traffic generated from the proposed site development.

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The existing road Main Road-Mount Crawford is very narrow at few locations without footpaths and cycle ways. As a major connector to the existing network, Main Road-Mount Crawford, GWRC may require to upgrade with footpaths and cycle ways. Parking, both on and off street should be addressed in the site to avoid future congestion on roads.

Cycle ways requirements will need to be studied and connect to the upcoming Miramar cycle project to encourage people to use cycles rather than private cars which help to reduce delays on roads.

Public transport requirements will need to be reviewed and provide more bus stops to encourage people to use it

#### 2.6 Geotechnical

ENGEO has provided input on the geotechnical constraints for the Site. As a quick summary, overall the site is stable.

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Please refer to the ENGEO draft report in Appendix C for further information including an assessment on earthquake hazards.

#### 2.7 Land Contamination

ENGEO provided a Preliminary Site Investigation (PSI) for the Site. The Site's history includes activities on the Hazardous Activities and Industries List (HAIL) 9(2)(i)

Refer to Appendix D for the full ENGEO draft PSI.

#### 2.8 Existing Survey Information

One of the survey plans which Calibre found during our desktop study shows occupation information which looks to have been collected via topographic survey. Spencer Holmes completed a Legalisation survey in July 2017. Their reference number is 'S130795 Mt Crawford Legalisation'.

Legal survey plans in the area are a mix of old in new. The boundaries of Part Lot 4 Block XII DP 858 (Site 41.5) and the Defence land (Site 41.6) were defined on very old plans that may not have been brought into terms with modern cadastral records.



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# 4 Desktop Study Methods

Cal bre has searched all sources we are aware of in order to collate as much relevant information as possible about the Site. These sources include:

- WCC, GWRC, and Wellington Water GIS;
- WCC ePlan;
- WCC District Plan (the District Plan);
- Landonline for LINZ Cadastral Records;
- GRIP (a cadastral mapping application);
- High Level Legal Due Diligence Site 41 Former Mount Crawford Prison 20 Main Road, Wellington (provided by HUD);
- WCC Miramar Area Cycleway Draft Issues Paper;
- Shelley Bay Master Plan;
- Mobile Road;
- Before U Dig;
- QuickMap; and
- Regional Standard for Water Service (November 2012)

Cal bre believe in the value of doing a site wa kover to get to know a site and its potential constraints. As such, some of our team completed a visit on Friday 25<sup>th</sup> January.

Finally, we had a round table discussion as a team to compare notes on each of our team's findings.

From our research, the site visit, our discussions, and after reviewing the two draft reports ENGEO supplied us, we have been able to provide current site information in Section 2 of this report and make recommendations in Section 3.



#### 5 Further work

Should HUD decide to proceed with development of this site Calibre would be able to assist. We have the experience and track record to lead a collaborative consulting team with HUD.



711195.001 Page 31



SITE 41 - FORMER MOUNT CRAWFORD PRISON

Appendix A Records of Title, Legal Instruments, Gazette Notice, and High Level Legal Due Diligence Document

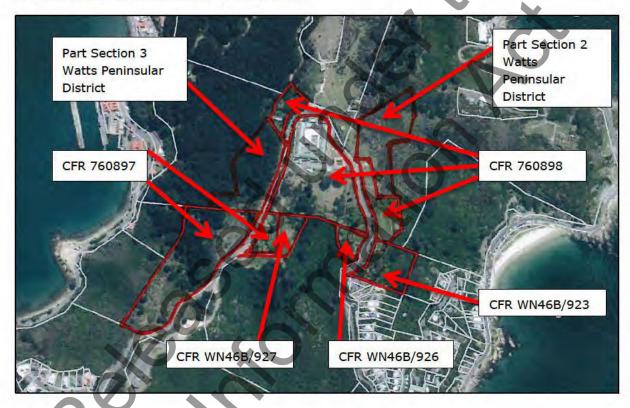
THE MINISTRY OF HOUSING AND URBAN DEVELOPMENT

## HIGH LEVEL LEGAL DUE DILIGENCE - SITE 41 - FORMER MOUNT CRAWFORD PRISON, 20 MAIN ROAD, WELLINGTON

The site is currently held in two parts:

- eight parcels comprised in five computer freehold registers (*CFR*s) 760897, 760898, WN46B/923, WN46B/926 and WN46B/927 located at 6, 7, and 20 Main Road and 209 234 Nevay Road, Wellington (*Corrections Land*); and
- 2 two areas forming part of the two parcels currently comprised in Part Section 2 and Part Section 3 Watts Peninsular District and held pursuant to Proclamation 55, New Zealand Gazette 1886, page 694 (Defence Land)

as shown in red on the aerial photo below (Site).



#### **Titles**

The Corrections Land is held in five CFRs:

- 1 CFR 760898 → comprising 5.2328 hectares more or less, being Sections 4 and 6-7 Survey Office Plan 477035;
- 2 CFR 760897 comprising 4.4182 hectares more or less, being Sections 1 and 3 Survey Office Plan 477035;
- 3 CFR WN46B/927 comprising 5084 square metres more or less, being Part Section 3 Watts Peninsula District;
- 4 CFR WN46B/926 comprising 4527 square metres more or less, being Section 1 Survey Office 24508 and Part Lot 1 Deposited Plan 4741; and

5 *CFR WN46B/923* – comprising 1.0901 hectares more or less, being Part Lot 4 Block XII Deposited Plan 858.

The Corrections Land has a total area of 11.7022hectares more or less.

The area of Defence Land identified in the correspondence and indicatively shown on the plan above is currently held in a Gazette Notice and a CFR has never issued for any of the area indicated. The Defence Land currently forms part of Part 2 Watts Peninsular Survey District and Part 3 Watts Peninsular Survey District, which was taken by Proclamation 55 for defence works as notified by Gazette Notice in the New Zealand Gazette 1886, page 694. **§ 9(2)(h)** 

#### **Vendor Agency**

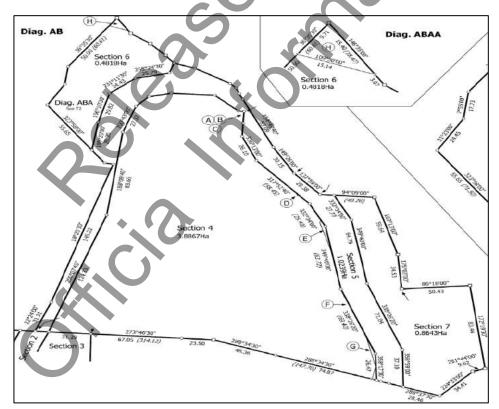
The Corrections Land is held by Her Majesty the Queen (*Crown*) for Justice Purposes. As this is the former Mt Crawford prison site, we understand the relevant, endor agency is the Department of Corrections. The Defence Land was taken by Gazette Notice for the construction of Defence Works. As a result, the Defence Land is currently held by Her Ma esty the Queen for Defence Purposes. § 9(2)(h)

#### **Interests**

#### **Corrections Land**

#### CFR 760898

The land comprised in CFR 760898 is subject to a number of easements, with the relevant easement areas shown on the plan below.



The easement areas affecting Section 4 Survey Office Plan 477035 (which forms part of CFR 760898) s 9(2)(h)

We discuss the easements and interests in more detail below

1 Transfer 5269266.3 – Section 4 on Survey Office Plan 477035 is subject to a right of way easement over the area shown as "B" (shown in more detail below), in favour of the neighbouring land (CFRs WN52C/188 and WN54D/634, owned by Chorus New Zealand Limited). Given Section 5 on Survey Office Plan 477035 has vested in Wellington City Council as road, s 9(2)(h)



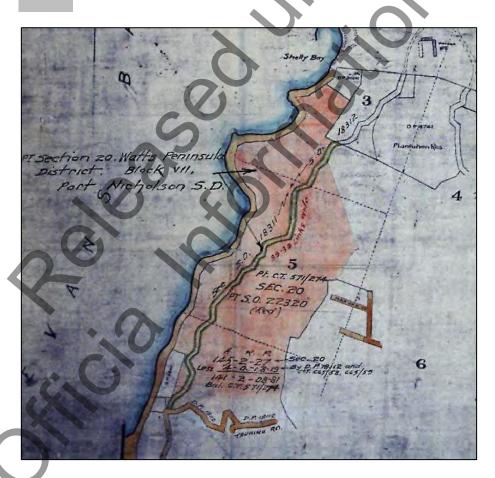
- Transfer 5269266.4 A very small area of Section 6 on Survey Office Plan 470355 is subject to a telecommunications protection corridor easement over the area shown as H, in favour of the appurtenant land (CFRs WN52C/188 and WN54D/634, owned by Chorus New Zealand Limited). < 9/2\(1)(h)
- Easement Certificate 8555690.1 Section 4 on Survey Office Plan 477035 is subject to a right to convey water (in gross) in favour of Wellington City Council over area B on Survey Office Plan 477035. The easement terms state that the Grantor cannot built any buildings, fences or other erections on the easement land, plant anything on the easement land or interfere with the easement facility in any way. Notably, while the land is continued to be held for justice purposes, the grantee must have consent from the Prison Manager before entering the servient land. s 9(2)(h)
- 4 Easement Certificate 9293197.1 Section 4 on Survey Office Plan 477035 is subject to a gas easement (in gross) in favour of PowerCo Limited, over areas A, B, D, E, F and G on SO

477035. It appears the easement runs alongside the boundary of Section 4 Survey Office Plan 477035 and Nevay Road. The easement terms provide for the maintenance of the easement facility to be shared between the Grantor and the Grantee. The easement terms state that the Grantor cannot do anything on the easement land that will interfere with the easement facility, or inhibit the operation of the easement facility. Notably, the easement terms require the Grantor to obtain the Prison Manager's consent before coming onto the servient land. § 9(2)(h)

RFR Certificate 8302482.1 This certificate notes that the Site is RFR land as defined in section 92 of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 (PNB Act), and is subject to subpart 2 of Part 3 of the Act which restricts disposal of RFR Land except in accordance with the PNB Act. We discuss the RFR (which affects all of the titles comprising the Site and will affect the Defence Land when titles are raised for this area) in more detail below.

#### CFR 760897

1 Transfer 411135 - The land comprised in CFR 76089 has he benefit of a right of way easement over part Section 20 Watts Peninsula District, comprised in CFR 601426. The historical easement area is outlined green on the plan below. s 9(2)(h)



2 RFR Certificate 8302482.1 – As with CFR 760898, this certificate notes that the Site is RFR land as defined in section 92 of the PNB Act, and is subject to subpart 2 of Part 3 of the Act which restricts disposal of RFR Land except in accordance with the Act. We discuss the RFR

(which affects all of the titles comprising the Site and will affect the Defence Land when titles are raised for this area) in more detail below.

#### CFRs WN46B/923, WN46B/926 and WN46B/927

The only interest affecting these three CFRs is RFR Certificate 8302482.1 described above in relation to both CFR 760897 and CFR 760898, which notes that the site is RFR land under the PNB Act.

#### Defence Land

As the Defence Land is still held by the Crown pursuant to Proclamation 55 and pu suant to a Gazette Notice, there are currently no registered interests affecting the Def nce Land. As noted below in the RFR section, any new CFRs raised for the Defence Land world be subject to an RFR Certificate under the PNB Act.

#### **Occupation Risks**

The aerial photos above and below show the Site s 9(2)(h)



#### **Corrections Land**

We understand that the Corrections Land has previously been used as a prison. s 9(2)(h)

# s 9(2)(h)

The excerpt from WCC's GIS viewer above below shows that the Corrections Land is serviced to the boundary by water pipes, which run along Main Road and Nevay Road. There is a reservoir located to the North Eastern side of the Site. s 9(2)(h)

#### Defence Land

The western block of the Defence Land is heavily forested, while the eastern bloc app ars to have sparse vegetation. As with the Corrections Land, the WCC GIS viewer indicates the presence of water pipes, but otherwise shows limited services. Given the eigenents discussed above, it is likely that services may be available in Main Road and Nevay Road. However, this again, may merit further investigation.

#### **Public Works Act**

# s 9(2)(h)

While the Corrections Land and D fence Land are currently held for different public purposes, the PWA history of the Site s 9(2)(h) . The entirety of the Site and the surrounding areas of the Miramar Peninsular were taken under the Public Works Act 1882 Amendment Act 1885 for the construction of Defence Works on 28 May 1886 by Proclamation 55 (NZGZ, 1886, page 694). Parts of the land acquired in 1886 have subsequently been set apart of Justice Purposes (the C rrections Land), while other parts have transferred to the Wellington City Council. The Defenc Land represens part of the area that remains held under the original 1886 proclamation and G zette Notice.

# s 9(2)(h)

#### RFR

As noted ab ve all five CFRs comprising the Corrections Land are RFR land for the purposes of section 92 of the PNB Act.

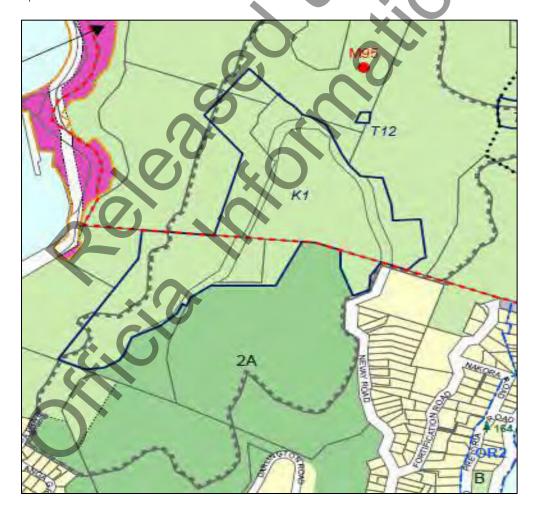
While no CFRs have current issued for the Defence Land, a search of the **Taranaki Whānui ki Te** Upoko o Te Ika Deed of Settlement confirms that the Defence Land will also be RFR Land when CFRs issue for the relevant areas. The excerpt below from the relevant Schedule confirms this status:

AGENCY	Property name	LEGAL DESCRIPTIONS
New Zealand Defence Force	Watts Peninsula	75.8500 hectares approximately being Part Sections 1 and 2 and Parts Section 3 Watts Peninsula District and Part Point Halswell Military Reserve. Balance Proc 55. (Subject to survey)



#### **Wellington City District Plan**

An excerpt from the Wellington District Plan below shows that the Site is entirely zoned as Open Space B Zone.



The Open Space B zone covers a wide range of environemnts fom coastal habitats to mountain tops and from bush covered areas to playing fields, and includes areas that are available to the public for recreation use. Open space areas typically have few buildings. In addition to the Open Space B zoning, the Site is also identified as being in the Ridgeline and Hilltop area (the grey dashed line), where WCC's strategy is to maintain a realtively undeveloped character in these areas.

The Open Space rules provide that both the construction of new structures and buildings and subdivsion are Discretionary (Unrestricted) activities for the purpose of the Wellington District Plan. However, given the policies, objectives and rules applying to the Open Space B zne and the Ridgeline and Hilltop overlay, **s** 9(2)(h)

The planning map also indicates that a Maori track (red dashes) isects the Site.

Finally, the Corrections Land part of the Site is subject o D signation K1 for the former Mi Crawford (Wellington) Prison as shown below:

Desig No.	100000000000000000000000000000000000000	Designation Title	Location of Site	Legal Description and Gazette	Comments/Conditions
K1	13		Wellington Prison Watts Peninsula, Wellington	Details attached as Appendix A.	No building or structures, except buildings or structures for security purposes, shall be located on the area shown hatched on the map included as Appendix A.

#### s 9(2)(h)

#### Heritage New Zealand List

A search of the online Heri age New Zealand list does not disclose any heritage listings of the site, although Fort Balan e and the Kau Point Batte y (both located to the northeast of the Site) are Category 1 Historic PL ces.



#### RECORD OF TITLE **UNDER LAND TRANSFER ACT 2017** FREEHOLD

Search Copy



**Identifier** Land Registration District Date Issued

760898 Wellington 07 October 2016

#### **Prior References**

80469

Fee Simple Estate

5.2328 hectares more or less Arca

Legal Description Section 4, 6-7 Survey Office Plan 477035

Purpose Justice Purposes

#### Registered Owners Her Majesty the Queen

Subject to a right of way over part Section 4 on SO 477035 marked B on SO 477035 created by Transfer 5269266.3 - 1.7.2002 at 9.00 am

Subject to a telecommunications protection corridor easement over part Section 6 SO 477035 marked H on SO 477035 created by Transfer 5269266.4 - 1.7.2002 at 9.00 am

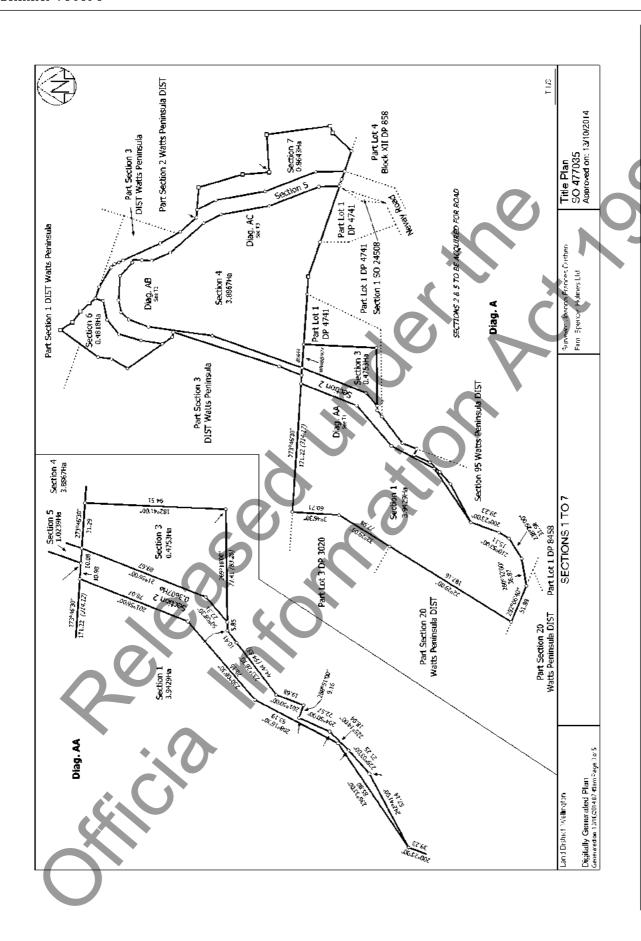
8302482.1 Certificate pursuant to section 1/5(2) of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 that the within land is RFR land as defined in section 92 and is subject to subpart 2 of Part 3 of the Act (which restricts disposal, including leasing of the land) - 1.10.2009 at 9:00 am

Subject to a right (in gross) to convey water over part Section 4 SO 477035 marked B on SO 477035 in favour of Wellington City Council created by Easement Instrument 8555690.1 - 24.9.2010 at 11:54 am

Subject to a right (in gross) to convey gas over part Section 4 SO 477035 marked A, B, C, D, E, F and G all on SO 477035 in favour of Powerco Limited created by Easement Instrument 9293197.1 - 4.3.2013 at 5:59 pm



Transaction Id Client Reference 706798 Kiwibuild Mt Crawford Register Only



#### Sixth Schedule

Road to be Stopped and Amalgamated

Area Mdjoining or Passing Through

6250 Section 68, Block I, Purua S.D.; shown as "Section 18" on S.O. Plan 70585.

#### **Seventh Schedule**

Severance Taken and Amalgamated

Area m<sup>2</sup> Being

392 Part Section 28, Block I, Purua S.D.; shown as "Section 20" on S.O. Plan 70585.

#### **Eighth Schedule**

Severance Taken and Amalgamated

Area m<sup>2</sup> Being

2421 Part Section 13S, Aponga Settlement; shown as "Section 6" on S.O. Plan 70585.

Dated at Auckland this 4th day of February 2003.

R. J. SUTHERLAND, for the Minister for Land Information. (LINZ CPC/1998/1024)

ln985

## Land Set Apart for Justice Purposes—Nevay Road, Wellington

Pursuant to section 52 (1) of the Public Works Act 1981 and to a delegation from the Minister for Land Information, R. J. Sutherland, Land Information New Zealand, d clares the land described in the Schedule to this notice to be set apart for justice purposes and to remain vested in the Cr wn.

#### Schedule

#### Wellington Land District—Wellington City

Area ha Descrip ion

6.2561 Area marked "A" on S.O. Plan 37939, being parts Sections 1, 2 and 3, Watts Peninsu District, situated i Bl ck VII, Port Nichol on Survey District, being part of the land in Proclamation 55, subject to existing right of way over the areas marked "H" I", "J", "K" nd "L" on S.O. Pla 37939 and telecommunic tions easements over the areas marked C", "E", "I", "L", "M", "N" and "O" on S.O. Plan 37939, created by transfe 5269266.3 and telecommunications prote tion corridor e sement over area Q" on S.O. Plan 37939, crea ed by transfer 5269266 4.

Dated at Auckland this 5th day of Fe ruary 2003.

R. J. SUTHERLAND, for the M nister for Land Information. (LINZ CPC/2003/8750)

ln956

## Land Acquired for Road—34 Straven Road, Christchurch City

Pursuant to s ction 20 (1) of the Public Works Act 1981, and o a deleg tion from the Minister for Land Information, R. J. Sutherland, Land Information New Zealand, declares that, an agreement to that effect having been entered into, the land described in the Schedule to this notice is hereby acquired for road and shall vest in the Christchurch City Council on the date of publication hereof in the *New Zealand Gazette*.

#### Schedule

#### Canterbury Land District—Christchurch City

Area Being

0.0004 Part Lot 290, D.P. 4530; shown as "Section 1" on S.O. Plan 317099.

Dated at Auckland this 7th day of February 2003.

R. J. SUTHERLAND, for the Minister for Land Information. (LINZ CPC/2003/8764)

In 102

## Land to be Declared Road—Blue Spur Road, Westland District

Pursuant to section 114 of the Public Works Act 1981, and to a delegation from he Minister for Land Information, R. J. Sutherland Land Information New Zealand, declares the land described in the Schedule to this otice to be road and vested in the Westland District Council.

#### Schedule

#### Westland Land District—Westland District

Land Declared as Road

Ar a Being

341 Section 1, S.O. 12633 (part WS8C/289).

1034 Section 2, S Q. 12633 (part WS8C/289).

Dated at Auckland this 4th day of February 2003.

R. J. SUTHERLAND for the Minister for Land Information. (LINZ CPC/1998/1239)

ln919

#### Declaring Land Acquired for the Generation of Electricity—Ohau River Survey District, Waitaki District

Pursuant to section 20 of the Public Works Act 1981, and to a delegation from the Minister for Land Information, R. J. Sutherland, Land Information New Zealand, declares that, an agreement to that effect having been entered into, the land described in the Schedule to this notice is hereby acquired for the generation of electricity and vests in the Crown on the date of publication of this notice in the *New Zealand Gazette*.

#### Schedule

#### Otago Land District—Waitaki District

Area Being

0.5925 Section 1, S.O. Plan 308988 (part Computer Freehold Register 6731).

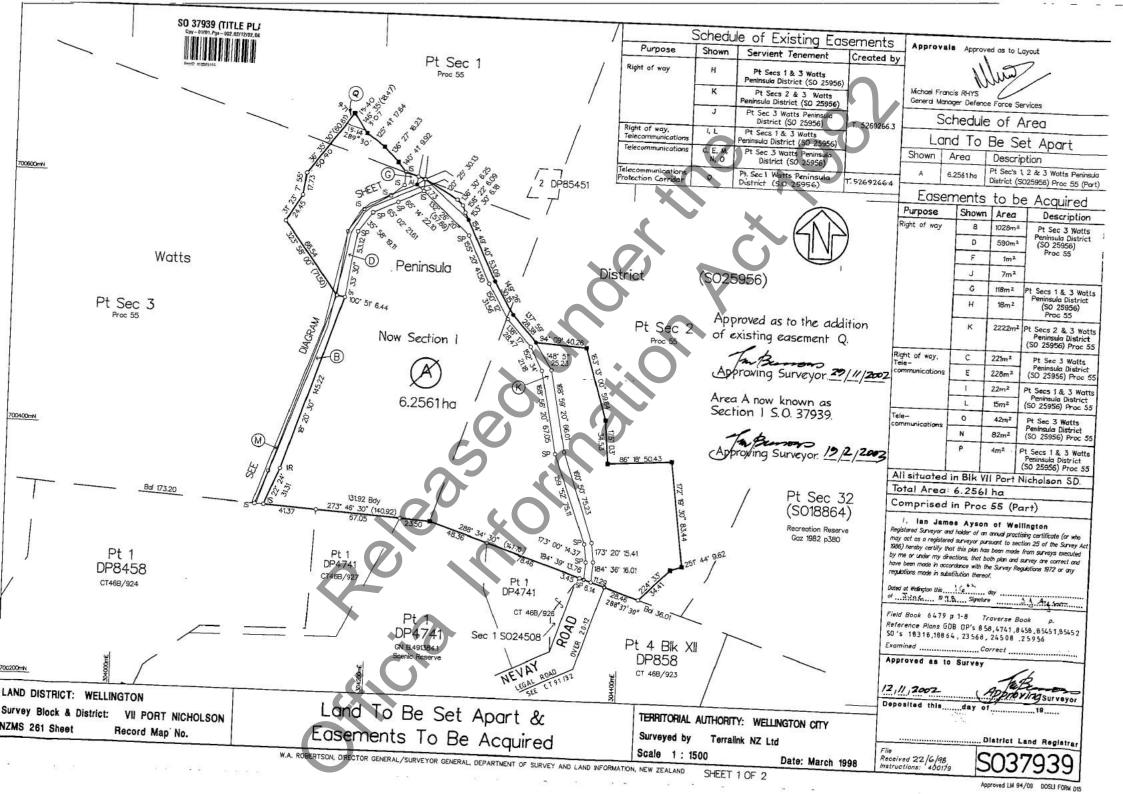
Dated at Auckland this 4th day of February 2003.

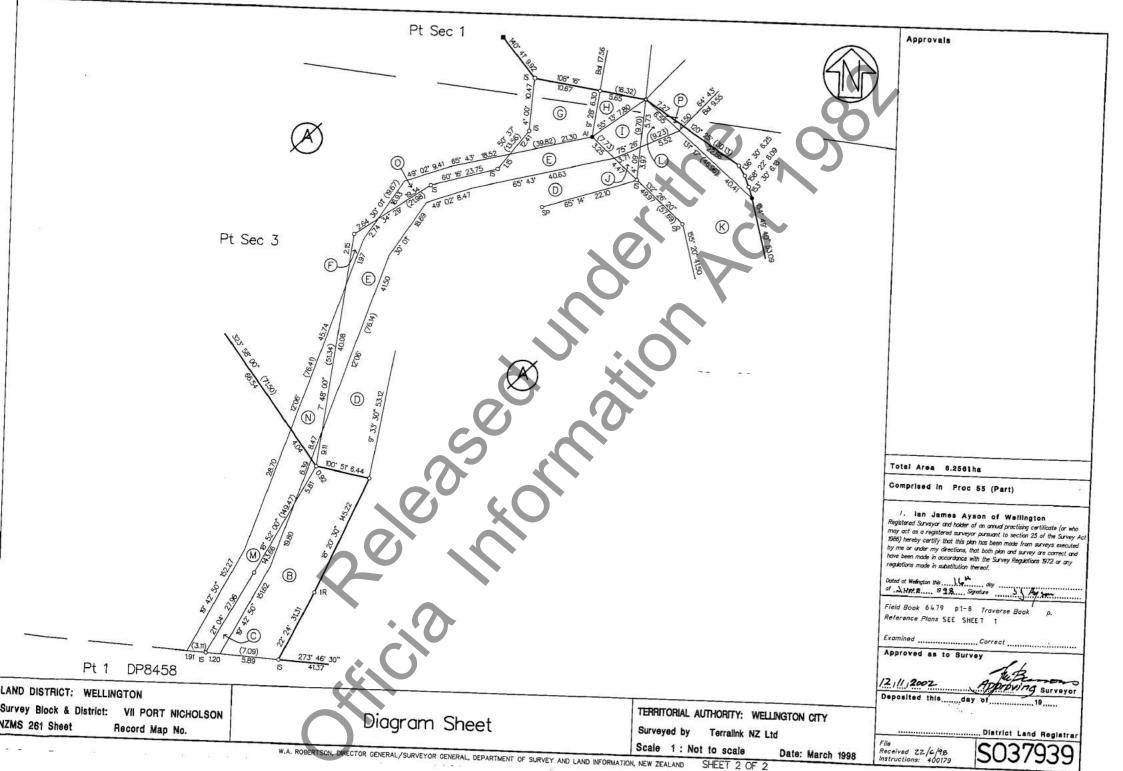
R. J. SUTHERLAND, for the Minister for Land Information. (LINZ CPC/2001/7610/A)

ln904

#### Land Set Apart for the Motorway Purposes— Auckland-Waiwera Motorway, Rodney District

Pursuant to section 52 of the Public Works Act 1981, and to a delegation from the Minister for Land Information, Ronald Alistair Jolly, Land Information New Zealand, declares the land described in the Schedule to this notice to be set apart for the Auckland-Waiwera Motorway and to remain vested in the Crown.





#### TRANSFER Land Transfer Act 1952

If there is not enough space in any of the panels below, cross-reference to

E 5269266.3 GRAM! OF EASEMENT WE CPY-81/01.965-012.16/87/02.09:08

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Certificate of Title No.	All	Part Sections 1, 2 and 3 W	atts Peninsula District	
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above such is grown				
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For and on behalf of H	ler Majesty	Signed in my presence by the France Signature of Witness		
the Queen and acting placed delegated authority gives		A come		
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section 4B of the Publi	ic Works	Witness to complete in BLOCK let	ters	
Act 1981.			Kivan	
N		Witness name Rumima	E SUMPLY REP.	

Auckland

operations support Rep.

Continued on Annexure Schedule

Certified correct for the purposes of the Land Transfer Act 1952

occupation

Address

Solicitor for the Transferee

Signature, or common seal of Transferor

## Annexure Schedule

Insert	below

"Mortgage" "Transfer", "Lease" etc.

"Mortgage",	- I ransier	,	FE03E	-

Dated 19 June 2002

Page

j 46

<u> Pages</u>

Continuation of Interest or Easement to be created

## 1. <u>DEFINITIONS AND INTERPRETATION</u>

"Dominant Land" means:

- (a) Lot 1 DP 85449, Certificate of Title 52C/188, in relation to:
  - (i) Right of Way, Telecommunications and Sewage Drainage Easements on DP 85449;
  - (ii) Sewage Drainage Easement on DP 85450; and
  - (iii) Telecommunications Easement on DP 85453
- (b) Lot 2 DP 85451, Certificate of Title 54D/634, in relation to:
  - (i) Telecommunications and Right of Way Easements on DP 85451
  - (ii) Telecommunications Easements on DP 85452, sheet 3
  - (iii) Telecommunications Easement on DP 85453

"Easement Land" means those parts of the Servient Land described in Schedules 1, 3 and 4.

"Line" or "Lines" means any line component or structure or system of line components or a wire or wires, cable or a conductor of any other kind (including a fibre optic cable) used or intended to be used for Telecommunication or for the transmission of electricity and includes any pole, tower, mast, insulator, casing, transformer, fixture (major or minor), tunnel or other equipment or material used or intended to be used for supporting, enclosing, surrounding, or protecting any such wire, wires, conductor, cable or fibre optic cable and also includes any part of a line and includes "existing lines" as defined by the Telecommunications Act 2001 and its amendments;

"Line component" means any coaxial cable, conductor, fibre-optic cable, or wire, of any kind, used or intended to be used for or in connection with electricity or telecommunications transmission; and includes-

- (a) Any casing, cross-arm, duct, fixture, foundation, ground-stay, insulator, pole, supporting structure, tower, tube, tunnel, underground piping, or other structure or material, used or intended to be used, for enclosing, protecting supporting, or surrounding any such cable, conductor, or wire; and
- (b) Any associated capacitor, circuit-breaker, earthing device, fuse, system protection equipment, switch, transformer, or voltage regulator.

(Prison" means the prison operated by the Transferor on both the Easement Land and adjoining lands of the Transferor which is known as Wellington Prison.

'Right of Way Easement Land" is the land described in Schedule 1

"Servient Land" means Part Sections 1, 2 and 3 Watts Peninsula District, Proclamation 55.

"Sewage Drainage Easement Land" is the land described in Schedule 3.

"Superintendent" means the Superintendent for the time being of the Wellington Prison

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

Auckland District Law Society

REF 4120

## Annexure Schedule

Insert below	•	
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"Mortgage",	"Transfer", "Lease" etc	•

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Dated 19 June 2002

Page

## Continuation of Interest or Easement to be created

"Telecommunications" or "Telecommunications Transmission" means the conveyance, transmission, emission or reception of signs, signals, impulses, writing, images, sounds, instructions, information or intelligence of any nature, at any frequency or voltage whether by electromagnetic waves or not at any frequency and whether for the information of any person or not and includes any electric power supply whether underground or overground incidental to telecommunication, and the transmission of instructions and information and the conveyance of electricity relating to the business of the Transferee.

"Telecommunications Easement Land" is the land described in Schedule-4.

"Transfer" means this Transfer and includes the Schedules and any annexures.

"Transferee":

- Means the Registered Proprietor of the dominant land for the time being; and
- Includes the Transferee's agents, consultants, contractors, employees, engineers, invitees, licensces, (a) surveyors, tenants, and workers and those of its subsidiaries (b)

"Transferor":

- Means the Registered Proprietor of the servient land for the time being; but (a)
- For so long as the servient land has not been alienated from Her Majesty the Queen in right of New Zealand means Her Majesty for Defence Purposes, provided however, that part of the Easement Land (b) marked "G" and "H" on DP 85451 and "D" on DP 85452 is managed and controlled by the Department of Corrections for the purpose of the operation of Wellington Prison

#### GRANT OF EASEMENTS 2.

The Transferor hereby TRANSFERS AND GRANTS to the Transferee the following rights and interests:

#### RIGHT OF WAY 2.1

The right to pass and repass over and along the Right of Way Easement Land without charge, interruption or impediment and to maintain that land when required by the Transferee on the terms and conditions set out in Schedules 2, 6 and 7, such right to be forever appurtenant to Lot 1 DP 85449, Certificate of Title 52C/188 and Lot 2 DP 85451, Certificate of Title 54D/634.

#### RIGHT TO DRAIN SEWAGE 2.2

The right for the Transferee to drain sewage over the Sewage Drainage Land within the meaning of and together with all rights and powers in easements of right to drain sewage by virtue of the Seventh Schedule of the Land Transfer Act 1952, subject to the terms and conditions set out in Schedule 7, such right to be forever appurtenant to Lot 1 DP 85449, Certificate of Title 52C/188.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

Insert below "Mortgage", "Transfer", "Lease" etc

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Transfer				]

Dated IIS

9	June	2002_

Continuation of Interest or Easement to be created

#### RIGHT TO CONVEY TELECOMMUNICATIONS 2.3

The right to convey Telecommunications in, under and over the Telecommunications Easement Land without charge, interruption or impediment on the terms and conditions set out in Schedules 5, 6 and 7, such right to be forever appurtenant to Lot 1 DP 85449, Certificate of Title 52C/188 and Lot 2 DP 85451, Certificate of Title 54D/634.

#### SCHEDULE 1

## RIGHT OF WAY EASEMENT LAND

Part Sections 1, 2 and 3 Watts Peninsula District (the Servient Land) in relation to those areas marked

"A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", and "M" on DP 85449; "A", "B", "Z", "G", "C", "D", "E", "F" and "H" on DP 85451

#### SCHEDULE 2

# RIGHTS TERMS AND CONDITIONS APPLICABLE TO RIGHT OF WAY EASEMENT

### 1. Rights of Way

The Transferee shall have full free, uninterrupted, unrestricted access without charge over and along the Right of Way Easement Land in common with the Transferor and other persons authorised by the Transferor without obstruction or restriction with or without vehicles for all purposes necessary or convenient to the exercise by the Transferee of its rights granted under this Transfer and the Transferee shall have the rights and powers implied in easements of right of way as set out in the Seventh Schedule of the Land Transfer Act 1952 but those set out in the Ninth Schedule of the Property Law Act 1952 shall not apply.

## 2. Construction Works

The Transferee shall have the right to construct and maintain to its own standard on the Right of Way Easement Land all roads, tracks, access ways, fences and gates to the extent deemed necessary by the Transferee for the exercise of the Transferee's rights PROVIDED THAT any roads, tracks, access ways, fences and gates constructed on the Right of Way Easement Land are constructed and maintained in a proper workmanlike manner using materials of a quality suitable for their purpose.

3. Clearance Works The Transferee shall have the right to keep the Right of Way Easement Land cleared of any vegetation encroaching on or overhanging the Right of Way Easement Land which may impede the Transferee's access over and along the Right of Way Easement Land.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

Insert	below

"Mortgage", "Transfer", "Lease" etc

Tra	ansfer

Dated 19 June 2002

**≱6** Pages

Continuation of Interest or Easement to be created

#### SCHEDULE 3

## SEWAGE DRAINAGE LAND

Part Section 2 Watts Peninsula District (the Servient Land) in relation to those areas marked:

"K", "L" and "M" on DP 85449; and

"A" on DP 85450

#### SCHEDULE 4

## TELECOMMUNICATIONS EASEMENT LAND

Part Sections 1, 2 and 3 Watts Peninsula District (the Servient Land) in relation to those areas marked:

"A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", and "M" on DP 85449;

"A", "B", "Z" and "G" on DP 85451;

"D" on DP 85452, sheet 3;

"A" and "B" on DP 85453;

#### SCHEDULE 5

# RIGHTS TERMS AND CONDITIONS APPLICABLE TO TELECOMMUNICATIONS EASEMENT

## 1. Rights to Convey Telecommunications

The full right, liberty and licence for the Transferee and other persons authorised (whether expressly or impliedly) by the Transferee with any vehicles or aircraft laden or unladen with materials, machinery and implements from time to time and at all times

- to use any Line already laid, erected or constructed in, under or over the Telecommunications Easement Land or any Line in substitution thereof for the purpose of Telecommunications; 1.1
- to lay, operate and maintain-Lines-in-and-under the soil of the Telecommunications Easement Land or as the case may be, construct, operate and maintain Lines on or over the Telecommunications Easement Land;
- to enter and remain upon the Servient Land for the purpose of laying, maintaining, inspecting, repairing, renewing, replacing, upgrading, changing the size and capacity of or altering any Lines as the 1.3 ease may be on, in under or over the Telecommunications Easement Land and for opening up the soil of the Telecommunications Easement Land to make any cuttings, fillings, grades, batters or trenches and to reopen the same;

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either typir witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

Insert	below	

"Mortgage", "Transfer", "Lease" etc

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Transfer		

Dated 19 June 2002

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## Continuation of Interest or Fasement to be created

- to keep the Telecommunications Easement Land cleared of any structures, fences or vegetation (including that which overhangs the Telecommunications Fasement Land) where;
  - such vegetation impedes the Transferee's access over the Telecommunications Easement Land; (a)
  - such structures, fences or vegetation are, likely to be, in the opinion of the Transferee, a danger or hazard to the safety or operation of the Lines; and

PROVIDED THAT where reasonably practical prior notice is given to the Transferor; and

to generally do and perform such acts or things upon the Telecommunications Easement Land as may be necessary to enable the Transferee to receive the full free use and enjoyment of the rights and privileges granted under this Telecommunications Easement

## 2. Restrictions of Transferce's Use

In entering the Servient Land and in constructing, laying, maintaining, inspecting, renewing, replacing, upgrading, changing the size and capacity of or altering and Line on, in, under or over the Telecommunications Fasement Land the Transferee shall:

- give to the Transferor reasonable notice of the Transferee's intention to enter to the Servient Land to carry out major works involving construction or the laying of Lines (but at any time and without notice 2.1 in the case of an emergency);
- make all reasonable attempts to ensure that as little disturbance as possible is caused to the Transferor, the Servient Land and the Telecommunications Easement Land, and; 2.2
- at the sole expense of the Transferee restore the surface of the Telecommunications Easement Land as nearly as possible to its former condition and consolidated to its former level (subject to the minimum 2.3 clearance of any Lines below or above ground level).

## 3. Restrictions on Transferor's Use

The Transferor will not do anything on the Telecommunications Easement Land that will interfere with or affect the full and free use and enjoyment by the Transferee of the rights and privileges granted under this Telecommunications Easement and in particular, the Transferor or other persons authorised (whether expressly or impliedly) by the Transferor will not:

erect any buildings or structures on the Telecommunications Easement Land or make any alterations or additions affecting the overall dimensions of existing buildings or structures on the 3.1 Telecommunications Easement Land;

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

	Annexure Schedule	3 95/6003EI
Insert below "Mortgage", "Transfer", "Lease" etc Transfer	Dated 19 June 2002	Page 7 of 18 Pages

## Continuation of Interest or Easement to be created

- do anything on the Telecommunications Easement Land that may damage or endanger any Line, including anything that would in any way reduce the present clearance of any Line above the ground 3.2 level or the present clearance of any Line below the ground level;
- disturb any survey pegs or markers placed on the Telecommunications Easement Land by the 3.3 Transferee; and
- operate any earthmoving machinery or equipment or carry on any quarrying or commercial forestry activities on the Telecommunications Easement Land. 3.4

## 4. Ownership of Lines

The ownership of any Line installed on, in, over or under the Telecommunications Easement Land from time to time by the Transferee shall at all times remain vested in the Transferee and no person shall have any interest in any Line by reason only having an interest or an estate in the Servient Land.

RIGHTS, TERMS AND CONDITIONS APPLICABLE TO THOSE PARTS OF THE RIGHT OF WAY EASEMENT LAND AND THE TELECOMMUNICATIONS EASEMENT LAND MARKED "G" ON DP 85451; RIGHT OF WAY EASEMENT LAND MARKED "H" ON DP 85451; AND TELECOMMUNICATIONS EASEMENT LAND MARKED "D" ON DP 85452

#### 1.

"Corrections Easement Land" is that part of the Right of Way Easement Land and Telecommunications Easement Land marked "G" on DP 85451, Right of Way Easement Land marked "H" on DP 85451 and Telecommunications Easement Land marked "D" on DP 85452.

## 2. Transferee's Covenants

- Superintendents Consent 2.1
  - The Transferee whether by itself or its engineers, surveyors, workmen, agents, employees, servants, contractors or its invitees and whether with or without equipment shall not enter the Corrections Easement Land without the prior written consent of the Superintendent first had and obtained in respect of such entry.
  - The Transferee acknowledges that the Corrections Easement Land is included within the Prison and that the Superintendent shall have the absolute and unfettered discretion to either:
    - Withhold consent to the Transferee entry; or

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

	Annexure Schedule	3 95/6003E
Insert below "Mortgage", "Transfer", "Lease" etc Transfer	Dated 19 June 2002	Page 8 of 19 Pages

## Continuation of Interest or Easement to be created

To impose such conditions on Transferee entry to the Correction Easement Lands as the Superintendent thinks necessary or ancillary to the operation integrity of the Prison. ji.

## **Procedure for Application to Consent to Enter**

- The Transferee shall make representations to the Superintendent as to:
  - The times entry to the Corrections Easement Land is required for investigative work and any subsequent construction or maintenance activity insofar as these works and activities can be a. planned for and scheduled ahead of their taking place.
  - The Transferee's notice proposals to enter the Corrections Easement Land should any Transferce emergency concerning any Line, Lines or any Line Component arise or should entry b. other than that envisaged under subclause a, above prove necessary.

## Revocation or Variation of Consent

- The Transferee acknowledges that the Superintendent at his or her unfettered discretion may upon the giving of either oral or written notice vary or revoke any written consent to entry 2.3 given under the provisions of Clause 2.1 should the Superintendent deem this to be necessary or ancillary to the operational integrity of the prison; and
  - The Transferee shall comply with such schedules, conditions and procedures as the Superintendent may from time to time prescribe in respect of representations made under Clause ħ. 2.2 and otherwise as those schedules, conditions and procedures may be varied or revoked under Clause 2.3a.

#### 3. Transferor's Covenants

The Transferor shall not erect any fence on the Corrections Easement Land except where this is considered necessary to the proper functioning of the Prison by the Transferor; 3.1

#### SCHEDULE

## GENERAL PROVISIONS

- The Transferee will repair and make good all damages to fences, gates and structures upon the Servient Land directly caused by the Transferee undertaking any Works in terms of the foregoing provisions. 1.
- The Transferee shall not be required to fence any of the Easement Land unless it is required as a condition of the Transferor's consent when granting any consent under this Transfer. 2.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## Approved by Regist

## Αn

trar-General of Land under No. 1995/50035	F Appr
INEXURE Schedule	9 95/50
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nsert below "Mortgage", "Transfer", "Lease" etc	n 4 [10 Fine 2002	Page 9 of 10 Pag
Transfer	Dated 19 Jone 2002	

## Continuation of Interest or Easement to be created

- Should the Transferee require to carry out works to its Lines and on, under or through any part or parts of the Easement Land the Transferee shall have the right to erect fencing around the relevant parts of the Easement Land for the duration of such works and to exclude from the works the Transferor and members of the public. 3 The provisions of this clause shall prevail notwithstanding the provisions of any grant, conditions or other clause in this Transfer.
- The Transferor shall-not be liable for any damages which may be caused to any Line or Lines which may be caused otherwise than through the wilful act or default of the Transferor or the Transferor's employees, 4. contractors and other invitees.
- All Lines placed by the Transferee on any part of the Servient Land will remain the property of the Transferee and on no part of them will become a fixture on the Servient Land, and upon the expiration or sooner 5. determination of this grant the Transferee will dismantle and remove the same.
- The Transferor will not grow or permit to be grown any trees, shrubs or bushes of any description on the Easement Land which will interfere with the rights granted by this transfer. 6.
- Nothing shall be construed in this transfer to limit, remove, alter or restrict any rights, powers, remedies or actions which the Transferee may have under the Telecommunications Act 2001 or any statutory amendment or 7. re-enactment thereof.
- The Transferee may take such measures as it reasonably thinks necessary for the safety of persons or property on the Easement Land including without limitation the right to erect fences, signs and notices warning of any 8.
- In the event of any dispute arising between the Transferee and the Transferor (the "parties") in respect of or in connection with this Transfer and without prejudice to any other right or entitlement they may have under this Transfer or otherwise the parties shall explore whether the dispute can be resolved by use of alternative dispute 9. resolution technique or mediation.

The rules governing such technique shall be agreed between the parties or as recommended by the New Zealand Law Society or as selected by the Chairman of the New Zealand Chapter of LEADR (Lawyers Engaged in Alternative Dispute Resolution).

In the event the dispute is not resolved within 28 days of written notice by one party to the other of the dispute (or such further period agreed in writing between the parties) either party may refer the dispute to arbitration under the provisions of the Arbitration Act 1996 or any amendment or re-enactment of it.

The arbitrator shall be agreed between the parties within 10 days of written notice of the referral by the referring party to the other of failing agreement appointed by the President (or Acting President for the time being), of the New Zealand Law Society and in either case the arbitrator shall not be a person who has participated in any formal dispute resolution procedure in respect of the dispute.

The Transferee may assign all or part of its estate or interest granted by this Transfer to any person. 10.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

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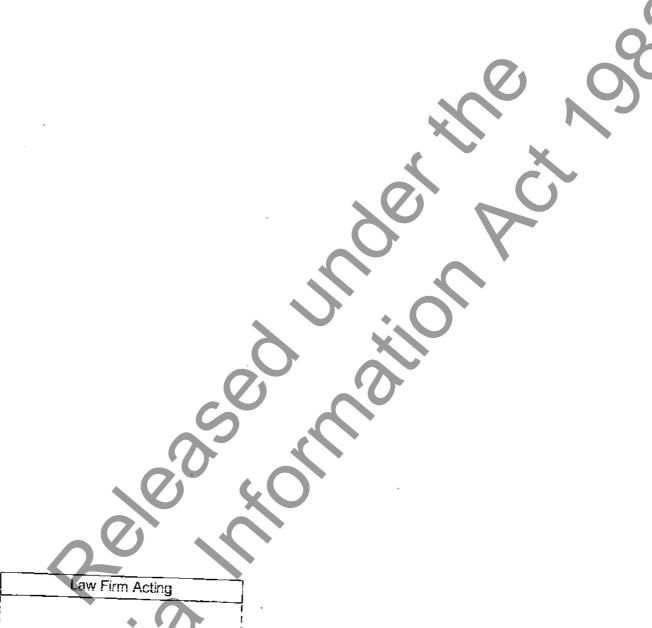
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If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## **TRANSFER**

Land Transfer Act 1952





Auckland District Law Society

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(except for "Law Firm Acting")

## 1 RANSFER Land Transfer Act 1952

If there is not enough space in any of the panels below, cross-reference to and use the approved Annexure Schedule: no other format will be received.

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## Annexure Schedule

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Dated

19 June 2002

Continuation of "Estate or Interest or Easement to be created"

## **DEFINITIONS AND INTERPRETATION**

- Lot 1 DP 85449, Certificate of Title 52C/188, and Lot 2 DP 85451, Certificate of Title 54D/634, in relation to "Dominant Land" means:
- Lot 2 DP 85451, Certificate of Title 54D/634, in relation to "D", "E", "F", "G", "H" and "I" on DP 85453 (b)

"Easement Land" means those parts of the Servient Land described in Schedule 1

- (a) Part Section 2 Watts Peninsula District (the Servient Land) in relation to "C" on DP 85453
- (b) Part Sections 1 and 2 Watts Peninsula District (the Servient Land) in relation to "D" on DP 85453
- (c) Part Section 1 Watts Peninsula District (the Servient Land) in relation to "E", "F", "G", "H" and "I" DP 85453

"Telecommunications" or "Telecommunications Transmission" means the conveyance, transmission, emission or reception of signs, signals, impulses, writing, images, sounds, instructions, information or intelligence of any nature, at any frequency or voltage whether by electromagnetic waves or not at any frequency and whether for the information of any person or not and includes any electric power supply whether underground or overground incidental to telecommunication, and the transmission of instructions and information and the conveyance of electricity relating to the business of the Transferee.

"Telecommunications Protection Corridor Easement" means the full, free, uninterrupted right of the Transferee to transmit and receive transmissions of signs, signals, impulses or intelligence of any nature whether by electromagnetic waves or not at any frequency and whether for the information of any person or not over the Easement Land.

"Transfer" means this Transfer and includes the Schedules and any annexures.

"Transferee":

- Means the Registered Proprietor of the dominant land for the time being; and
- Includes the Transferee's agents, consultants, contractors, employees, engineers, invitees, licensees, (a) surveyors, tenants, and workers and those of its subsidiaries **(b)**

"Transferor":

- Means the Registered Proprietor of the servient land for the time being; and
- Includes the Transferor's agents, consultants, contractors, employees, engineers, invitees, licensees, (a) surveyors, tenants, and workers and those of its subsidiarics -

#### GRANT OF EASEMENT 2.

The Transferor hereby TRANSFERS AND GRANTS to the Transferee the right to a Telecommunications Protection Corridor without charge, interruption or impediment on the terms and conditions set out in Schedule 2, such right to be forever appurtenant to Lot 1 DP 85449, Certificate of Title 52C/188 and Lot 2 DP 85451, Certificate of Title 54D/634.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either, their witnesses or their solicitors must put their signatures or initials here.

## Annexure Schedule

	Annexure Schedule	ADL3:
Insert below "Mortgage", "Transfer", "Lease" etc Transfer	Dated 19 June 2002	Page 3 of 45 Pages

Continuation of "Estate or Interest or Easement to be created"

#### SCHEDULE 1

# TELECOMMUNICATIONS PROTECTION CORRIDOR EASEMENT LAND

Part Sections 1 and 2 Watts Peninsula District (the Servient Land) in relation to "C", "D", "E", "F", DP 85453

## RIGHTS TERMS AND CONDITIONS APPLICABLE TO THE TELECOMMUNICATIONS PROTECTION CORRIDOR EASEMENT

- The Transferor shall not grant any lease, license, easement or other interest in land in respect to any part of the Easement Land or any building erected thereon to any other person that authorises the operation of any equipment which causes interference (as that term is defined in section 2 of the Radiocommunications Act 1. 1989), with the exercise of the Transferee's rights under this easement.
- 2.
- (i) Grow or permit to be grown on the Servient Land any trees, shrubs or bushes of any description;
  - (ii) Erect or permit to be erected on the Servient Land any building, structure; or
  - (iii) At any time hereafter do, permit or suffer to be done any act whereby the full free use and enjoyment by the Transferee of the rights and privileges granted pursuant to this Transfer are interfered with or adversely affected in any way.
- The Transferor shall be permitted to carry out their lawful business on the casement land provided that it does not in any way cause obstruction to or interfere with the exercise of the Transferees rights under this easement. 3.
- Nothing shall be construed to limit, remove, alter or restrict any rights, powers, remedies or actions which the Transferee may have under the Telecommunications Act 2001 or any statutory amendment or re-enactment 4.
- The rights and powers contained in this easement to be observed and performed by the Transferor shall be enforceable only against the owner of the Transferors interest under this easement from time to time and not 5. otherwise against the Transferor or successors in title to its interest.
- If any dispute arises between the parties in respect of or in connection-with the easements vested by this Transfer, they must without prejudice to any other right or entitlement they must have (under this Transfer or otherwise), explore whether the dispute can be resolved by use of the alternative dispute resolution technique of 6. mediation.

The rules governing the technique must be agreed by the parties, or as recommended by the New Zealand Law Society, or as selected by the Chairman of the New Zealand chapter of LEADR (Lawyers Engaged in Alternative Dispute Resolution).

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

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	Page 4 of As Pages  Dated 19 June 2002  Page 4 of As Pages
Transfer	
Continuation	of "Estate or Interest or Easement to be created"
furt Act	her period agreed in writing by the parties), either party may refer it to arbitration under the Arbitration 1996 (as then in force).  e arbitrator must not be a person who has participated in any formal dispute resolution procedure in respect
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7. Ti	the New Zealand Law Society.  The Statutory right of revocation of the easement on three months notice set out in section 48 Public Works are 1981, is hereby expressly negatived.

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

Auckland District Law Society

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hereby severally certify:  1. That by a Power of Attorney deappointed jointly as attorneys of At	ana Marie Turner  enym Manager  v Zendarn smited  ated 2 July 2001 ("the Power of Attor f Telecom New Zealand Limited ("Te	Property ( Telecom N  ney") we were, by virtue of bei lecom") on the terms and subje-	Joseph Tinetti Decizions Manager lew Zealand Limited ing Authorised Signing Officers, ct to the conditions set out in the	
Auckland as No D.62783 Christchurch as No 5074754 Dunedin as No 5074473	Napier as No 719  Int(s) to which this certificate relates use not received any notice or information	74932.1 Wellingto	e Power of Attorney.	of
SIGNED at Wellington this 2 bday of March		SIGNED of Wellington Have this 78ff day of Have	2002	·

If this Annexure Schedule is used as an expansion of an instrument, all signing parties and either their witnesses or their solicitors must put their signatures or initials here.

## **TRANSFER**

Land Transfer Act 1952



aw Firm Acting

Auckland District Law Society

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#### Certificate under s.115(1) Port Nicholson Block (Taranaki Whānui ki Te Upoko o Te Ika) Claims Settlement Act 2009 Identifying "RFR Land" under Part 3 Sub Part 2 of that Act

To: Registrar-General of Land Christchurch Processing Centre

Pursuant to section 115(1) of the Port Nicholson Block (Taranaki Whānui ki Te Upoko o Te Ika) Claims Settlement Act 2009, and acting on behalf of the Chief Executive Officer of Land Information New Zealand, pursuant to delegations under Section 41 of the State Sector Act 1988, I hereby certify that the land comprised in the computer register(s) listed below is

"RFR land" as defined in section 92 of the Act.

And I request you, as soon as is reasonably practicable, in accordance with section 115(5) of the Act, to record on those computer register(s) that the land is RFR land and subject to Part 3 subpart 2 of the Act (which restricts disposal, including leasing, of the land).

Schedule Wellington Registry RFR 8302482.1 Right of

Computer Register Identifier(s)

WN43B/1.

WN44A/241.

WN43B/185.

WN43B/186.

WN41D/189.

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80469

Dated at Wellington this 23 A

day of Jeptem A

2009

STEPHEN ROBERT CILBERT

Manager/Advisor Crown Property Clearances acting under the delegated authority of the

Chief Executive of Land Information New Zealand

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# MANUAL DEALING LODGEMENT FORM Title Schedule

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Private Individual:		
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# **View Instrument Details**

Instrument No.
Status
Date & Time Lodged
Lodged By
Instrument Type

8555690,1 Registered 24 Sep 2010 11:54 McCrone, Melanie Jayne Easement Instrument



Affected Computer Registers Land District 80469 Wellington WN46B/924 Wellington

Annexure Schedule: Contains 6 Pages.

### **Grantor Certifications**

I certify that I have the authority to act for the Grantor and that the party has the legal capacity to authorise me to lodge this instrument

107

I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument

V

I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with or do not apply

....

I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period

V

## Signature

Signed by Dunean James Simpson Laing as Grantor Representative on 23/09/2010 04:53 PM

#### **Grantee Certifications**

I certify that I have the authority to act for the Grantee and that the party has the legal capacity to authorise me to lodge this instrument

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I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument

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instrument

I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with

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I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period

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#### Signature

or do not apply

Signed by Duncan James Simpson Laing as Grantee Representative on 23/09/2010 04:54 PM

\*\*\* End of Report \*\*\*

Annexure Schedule: Page:1 of 6

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# Easement instrument to grant easement or *profit à prendre*, or create land covenant

(Sections 90A and 90F Land Transfer Act 1952)

### Grantor

HER MAJESTY THE QUEEN for Justice Purposes (pursuant to section 48 of the Public Works Act 1981).

#### Grantee

WELLINGTON CITY COUNCIL

### Grant of Easement or Profit à prendre or Creation of Covenant

The Grantor being the registered proprietor of the servient tenement(s) set out in Schedule A grants to the Grantee (and, if so stated, in gross) the easement(s) or profit(s) à prendre set out in Schedule A, or creates the covenant(s) set out in Schedule A, with the rights and powers or provisions set out in the Annexure Schedule(s)

Schedule A

Continue.	in additionai	Ачпехиге	Schedule, ij	required

Purpose (Nature and extent) of	Shown (plan reference)	Servient Tenement	Dominant Tenement
easement: profit or covenant		(Computer	(Computer Register) or
Right to Convey Water	Shown marked "B"	Register) Part Lot 1	m gross In Gross
	on Deposited Plan 408287	Deposited Plan 8458 (CFR	
~'0'	400207	WN46B/924)	
(/)		0	
	Shown marked "D" on Deposited Plan	Section 1 on Survey Office	
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Annexure Schedule: Page:2 of 6

Form B - continued				
Easements or <i>profits à prendre</i> conditions)	rights and powers	(includi	ng terms, co	ovenants and
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Unless otherwise provided below, the prescribed by the Land Transfer Regul	rights and powers imp lations 2002 and/or Scl	lied in spec adule Five	cified classes o of the Propert	f easement are those y Law Act 2007
The implied rights and powers are here	cby substitued by:	7)		0
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Annexure Schedule: Page:3 of 6

#### **DEFINITIONS AND INTERPRETATION**

In this easement instrument unless the context indicates otherwise:

#### 1.1 Definitions:

- **1.1.1 Authority** means any local or territorial authority, or any other body having jurisdiction over the Land or their facilities or their use:
- 1.1.2 Easement Facility as in relation to the right to convey water, means pipes, pipelines, hydrants, valves, pumps, pump sheds, storage tanks, water purifying equipment, other equipment suitable for that purpose (whether above or under the ground) and anything in replacement or substitution;
- 1.1.3 Easement Land means the area marked "B" and "D" on Deposited Plan 408287;
- 1.1.4 Grantee means the Wellington City Council and includes the Grantee's administrators, successors and assigns;
- **1.1.5** Grantor means Her Majesty the Queen for Justice Purposes and includes the Grantor's administrators, successors and assigns;
- 1.1.6 Prison Manager means the prison manager for the time being of the Wellington Prison and includes any person acting in this capacity:
- 1.1.7 Right to Convey Water Easement means the rights recorded in this Easement in relation to the supply of water;
- **1.1.8** Servient Land means the land owned by the Grantor described in Schedule A;
- 1.1.9 Works means any works directly required to enable the Grantee to use the Easement Land for the purposes and in the manner authorised by this Easement; and
- 1.1.10 Working Day has the meaning given to it by the Property Law Act 2007
- 1.2 Interpretation: In this Easement Instrument, unless the context requires otherwise:
  - 1.2.1 Defined Expressions: expressions defined in the main body of this Easement Instrument have the defined meaning in the whole of this Easement Instrument including the Background;
  - 1.2.2 Headings: section, clause and other headings are for ease of reference only and will not affect this Easement Instrument's interpretation;
  - 1.2.3 Negative Obligations: any obligation not to do anything includes an obligation not so suffer, permit or cause that thing to be done;
  - 1.2.4 Parties: references to parties are references to parties to this Easement Instrument;
  - 1.2.5 Persons: references to persons include references to individuals,

companies, corporations, partnerships, firms, joint ventures, associations, trusts, organisations, governmental or other regulatory bodies or authorities or other entities in each case whether or not having separate legal personality;

- **1.2.6** Plural and Singular: words importing the singular include the plural and vice versa:
- 1.2.7 Statutes and Regulations: references to any statutory provision include any statutory provision which amends or replaces it, and any subordinate legislation made under it:
- 1.2.8 Joint and Several: where this Easement Instrument binds or benefits a party, it will bind and benefit that party jointly and severally.

#### RIGHT TO CONVEY WATER

- 2. The Grantor grants to the Grantee the right for the Grantee and the Grantee's tenants, agents, workmen, licensees and invitees (in common with the Grantor, the Grantor's tenants and any other persons lawfully entitled to do so):
  - to take, convey and lead water at all times in any quantity in a free and unimpeded flow through the Easement Facility described in clauses 2.2 or 2.3 (as the case may be);
  - to use any Easement Facility already laid in, on or under the soil of the Easement Land for the purpose described in clause 2.1;
  - where no Easement Facility already exists, to lay and maintain an Easement Facility in, on or under the soil of the Easement Land for the purpose described in clause 2.1; and
  - 2.4 to enter on to the Servient Land (at any time, subject to clause 3.1, and by any route which is reasonable in the circumstances) with any tools, equipment, machinery and vehicles which are necessary and to remain there for any reasonable time for the purpose of laying, inspecting, cleaning, repairing, maintaining and renewing the Easement Facility, to dig up the soil of the Servient Land and to undertake all tests, inspections, investigations and surveys that are reasonably necessary for the Grantee to exercise the rights under this clause 2 to the extent necessary and reasonable.

# COMPLIANCE

- The Grantee acknowledges that at the date of signing of this Easement the Servient Land is held for Justice Purposes and is used as a working prison. For so long as the Easement Land is held for Justice Purposes, the Grantee must comply with the provisions of clauses 3 to 8.
- 4. The Grantee, whether by itself or its engineers, surveyors, workmen, agents, employees, servants, contractors or its invitees and whether with our without equipment shall not enter the Easement Land to carry out Works without the prior consent of the Prison Manager in respect of such entry.
- The Grantee acknowledges that the Easement Land is located within a working prison and that the Prison Manager will have the discretion to impose such reasonable conditions on the Grantee's ability to enter the land to carry out Works under this Easement as the Prison Manager thinks necessary or appropriate to the operational requirements of the prison.

Annexure Schedule: Page:5 of 6

- 6. The Grantee may make representations to the Prison Manager regarding the times entry to the Easement Land is required for investigative work and any subsequent construction or maintenance activity when these works and activities can be planned for and scheduled ahead of their taking place.
- 7. The Grantee acknowledges that the Prison Manager at his/her discretion may upon the giving of either oral or written notice, vary any written consent to entry given under the provisions of clause 3 if the Prison Manager deems this to be necessary or appropriate to the operational requirements of the prison.
- The Grantee will at all times when exercising its rights under this Easement comply with the Grantor's safety, security, and access protocols and practices
- 9. The Grantee will at all times comply with all regulations, statutes, ordinances, bylaws or other enactments affecting or relating to its use of the Easement Land and with all requirements which may be given by any Authority and will keep the Grantor indemnified in respect of any non-compliance by the Grantee.

### **PRISON MANAGER'S POWERS**

- 10. If, in the reasonable opinion of the Prison Manager, the Grantee has either compromised the operational requirements of the prison by:
  - 10.1 breaching the conditions of any consent to entry given under clause 3; or
  - failing to comply with any condition or procedure advised by the General Manager in relation to the conduct of Works carried out on the Easement Land;

then the General Manager will immediately notify the Grantee of the nature of the breach (in the case of 9.1 above) or failure to comply (in the case of 9.2 above) and of the time (which must be reasonable) by which the Grantee must remedy the breach

- 11. If the Grantee fails to remedy the breach or comply with the relevant condition or procedure within the time specified in clause 9 (time being of the essence), the Grantor may undertake whatever action is required to remedy the breach, or comply with the relevant condition or procedure, and all costs and expenses directly or indirectly associated with doing so (including GST and reasonable legal fees on a solicitor and own client basis) will be recoverable from the Grantee.
- The Grantee acknowledges that in the event the prison ceases to have a Prison Manager, the Prison Manager's powers under this Easement may be exercised by the Grantor or such of its agents, employees or servants to whom a written delegation in this regard is made.

#### OWNERSHIP

The Grantee retains ownership of the Easement Facility.

## **GRANTEE'S OBLIGATIONS**

- 14. The Grantee will:
  - 14.1 arrange for the repair and maintenance of the Easement Facility to keep it in good order, repair and condition and to prevent it becoming a nuisance, and the costs of such repair and maintenance will be the responsibility of the Grantee

- 14.2 in undertaking any Works cause as little damage as possible to the Easement Land and as little inconvenience as possible to the Grantor;
- following it undertaking any Works, in a good and workmanlike manner, and at its own cost, repair any damage to the Easement Land as soon as possible after the Works have been completed;

#### **GRANTOR'S OBLIGATIONS**

- 15. The Grantor will not:
  - 15.1 place or allow to be placed any buildings, fences or other erections on the Easement Land; or
  - 15.2 plant any tree or shrub on the Easement Land;
  - 15.3 permit any act to be done on the Servient Land that interferes with or affects the Grantee exercising its rights under this easement instrument; or
  - 15.4 grant any rights over the Easement Land to any party other than the Grantee.
- 16. If the Grantor fails to observe or breaches any of its obligations contained in clause 15, the Grantee may remedy that failure to observe, or that breach, and the Grantor will reimburse the Grantee for the cost of that remedy.
- 17. No power is implied for the Grantor to terminate this easement for breach of any provision in this easement by the Grantee or for any other case, it being the parties intention that this easement will continue forever unless surrendered

### SETTLEMENT OF DISPUTES

- 18. If a dispute in relation to this easement arises between the parties then:
  - the party initiating the dispute must provide full written particulars of the dispute to the other party; and
  - the parties must promptly meet and in good faith try to resolve the dispute using informal dispute resolution techniques, which may include negotiation, mediation, independent expert appraisal, or any other dispute resolution technique that may be agreed by the parties; and
  - if the dispute is not resolved within (14) fourteen Working Days of the written particulars being given (or any longer period agreed by the parties):
    - **18.3.1** the dispute must be referred to arbitration in accordance with the Arbitration Act 1996; and
    - 18.3.2 the arbitration must be conducted by a single arbitrator to be agreed on by the parties or, failing agreement, to be appointed by the President of the New Zealand Law Society.



# **View Instrument Details**

Instrument No.
Status
Date & Time Lodged
Lodged By
Instrument Type

9293197.1 Registered 04 Mar 2013 17:59 Garland, Kathryn Anna Easement Instrument



Affected Computer Registers Land District 80469 Wellington

Annexure Schedule: Contains 8 Pages.

### **Grantor Certifications**

I certify that I have the authority to act for the Grantor and that the party has the legal capacity to authorise me to lodge this instrument

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I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument

V

I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with or do not apply

I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period

V

#### Signature

Signed by Duncan James Simpson Laing as Grantor Representative on 04/03/2013 04:59 PM

#### **Grantee Certifications**

I certify that I have the authority to act for the Grantee and that the party has the legal capacity to authorise me to lodge this instrument

V

I certify that I have taken reasonable steps to confirm the identity of the person who gave me authority to lodge this instrument

V

I certify that any statutory provisions specified by the Registrar for this class of instrument have been complied with or do not apply

V

I certify that I hold evidence showing the truth of the certifications I have given and will retain that evidence for the prescribed period

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# Signature

Signed by Duncan James Simpson Laing as Grantee Representative on 04/03/2013 05:00 PM

\*\*\* End of Report \*\*\*

Annexure Schedule: Page: 1 of 8

#### Form B

# Easement instrument to grant easement or *profit à prendre*, or create land covenant

(Sections 90A and 90F Land Transfer Act 1952)

# Grantor

HER MAJESTY THE QUEEN FOR Justice Purposes (pursuant to section 48 of the Public Works Act 1981)

#### Grantee

**POWERCO LIMITED** 

# Grant of Easement or Profit à prendre or Creation of Covenant

**The Grantor** being the registered proprietor of the servient tenement(s) set out in Schedule A **grants to the Grantee** (and, if so stated, in gross) the easement(s) or *profit*(s) à *prendre* set out in Schedule A, **or creates** the covenant(s) **set out** in Schedule A, with the rights and powers or provisions set out in the Annexure Schedule(s)

### Schedule A

Continue in additional Annexure Schedule, if required

Purpose (Nature and extent) of easement; profit or covenant	Shown (plan reference)	Servient Tenement (Cornputer Register)	Dominant Tenement (Computer Register) or in gross
Right to convey gas	Shown as marked "A", "B", "C", "D", "E" and "F" on Deposited Plan 455321	Section 1 SO 37939 (CFR 80469)	In gross

Annexure Schedule: Page: 2 of 8

# Easements or *profits à prendre* rights and powers (including terms, covenants and conditions)

Delete phrases in [] and insert memorandum number as required: continue in additional Annexure Schedule, if required

Unless otherwise provided below, the rights and powers implied in specified classes of easement are those prescribed by the Land Transfer Regulations 2002 and/or Schedule Five of the Property Law Act 2007

The implied rights and powers are hereby [varied] [negatived] [added to] [substituted] by.

[Memorandum number \_\_\_\_, registered under section 155A of the Land Transfer Act 1952]

[the provisions set out in the Annexure Schedule]

### **Covenant provisions**

Delete phrases in [] and insert Memorandum number as required; continue in additional Annexure Schedule, if required

The provisions applying to the specified covenants are those set out in:

[Memorandum number , registered under section 155A of the Land Transfer Act 1952]

[the Annexure Schedule]

Annexure Schedule: Page:3 of 8

Annexure Schedule Page 1 of Pages

Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

Continue in additional Annexure Schedule, if required

#### 1. **DEFINITIONS**

In this easement instrument, unless the context indicates otherwise:

**Authority** means any local or territorial authority, or any other body having jurisdiction over the Servient Land or its facilities or use;

**Easement Facility** means every work or thing used, or designed or intended for use in or in connection with conveying gas or liquid and includes tubes, hoses, conduits, valves and associated works and pipes, which are of a sufficient internal diameter and of a suitable material for the Grantee's use;

Gas means anything that may be conveyed through pipes and is a gas at a temperature of 15°C and an absolute pressure of 101.325 kilopascals; and includes (not by way of limitation):

- biogas, coal gas, liquefied petroleum gas, natural gas, oil gas, producer gas, refinery gas, reformed natural gas and tempered liquefied petroleum gas; and
- (b) any gaseous substance that the Governor-General declares to be a gas for the purposes of the Gas Act 1992; and
- (c) any mixture of gases;

**Grantee** means Powerco Limited and includes all its subsidiaries (within the meaning of Sections 5 and 6 of the Companies Act 1993) and its successors, assigns, licensees, agents, employees, contractors, tenants and other invitees of the Grantee;

**Grantor** means the registered proprietor of the Servient Land and where applicable includes its successors in title, and its agents, employees, contractors, tenants, licensees, and other invitees of the Grantor;

**Liquid** means anything that may be conveyed through pipes and is normally a liquid at atmospheric pressure and at 20°C and includes (not by way of limitation) solids which may be conveyed in a liquid through pipes;

**Prison Manager** means the prison manager for the time being of the Wellington Prison (or any other prison located on the Servient Land) and includes any person acting in that capacity;

Servient Land means the land owned by the Grantor described in Schedule A;

**Stipulated Course** means the course that is shown marked "A", "B", "C", "D", "E" and "F" on Deposited Plan 455321; and

Working Day has the meaning given to it by the Property Law Act 2007.

Annexure Schedule Page 2 of Pages

Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

1.1 A reference to any statute or section of any statute includes any enactment in amendment or substitution for such statute or section.

1.2 Unless specifically defined in this clause 1, the terms which are defined in the Land Transfer Regulations 2002 have the meaning set out in these definitions.

#### 2. EASEMENT TERMS

- 2.1 This easement instrument is in addition to and not in substitution for any statutory rights and authorities which the Grantee may have at any time in respect of the Servient Land. The rights and powers in this easement instrument are in addition to those rights and powers contained in Schedule 4 to the Land Transfer Regulations 2002 ("the Fourth Schedule") and where the terms of this easement instrument are in conflict with the Fourth Schedule the terms of this easement instrument shall prevail.
- 2.2 In addition to the rights and powers set out in clause 2.1, but subject to clauses 4 and 5, the Grantor grants to the Grantee (in common with the Grantor and other persons to whom the Grantor may grant similar rights) as an easement in gross the following rights and powers at all times and in any quantity:
  - to lay, construct, maintain, replace and retain the Easement Facility on, in, over and under the soil of the Stipulated Course as reasonably required by the Grantee:
  - (b) to enter and remain upon the Servient Land for a reasonable time for the purposes of laying, constructing, maintaining, inspecting, repairing, renewing, enlarging, replacing, altering or removing the Easement Facility as the case may be and opening up the soil of the Stipulated Course and make any accessway, cuttings, fillings, grades, batters or trenches and to re-open the same and generally to do and perform such acts or things upon the Stipulated Course as may be necessary to enable the Grantee to receive the full free use and enjoyment of the rights and privileges granted under this easement;
  - (c) to use the Easement Facility for the purpose of conveying gas and/or liquid without interruption or impediment.
- 2.3 Notwithstanding clause 2.2, nothing shall compel the Grantee to exercise the above rights at any time.
- 2.4 Notwithstanding anything to the contrary in this easement instrument, if any part of the Easement Facility is located above the surface of the Servient Land, it must be enclosed or otherwise protected. Any part of the Easement Facility that is not enclosed or otherwise protected must be placed under the ground to ensure safety and security.

Annexure Schedule Page 3 of Pages

Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

#### 3. COVENANTS

- **3.1** The Grantee shall be responsible for:
  - (a) the installation of the Easement Facility; and
  - (b) using its best endeavours to prevent the Easement Facility becoming a danger or a nuisance.
- 3.2 The Grantee will immediately repair and make good all damage to fences, gates, other improvements, or any other damage to the Stipulated Course and the Servient Land directly caused by the Grantee carrying out any work pursuant to clause 2, and the rights and powers in the Fourth Schedule.
- 3.3 The Grantor must not do and must not allow to be done on the Servient Land anything that may interfere with or restrict the rights of any other party, including the Grantee, or interfere with the efficient operation of the Easement Facility.
- 3.4 Without limiting the generality of clause 3.3, the Grantor will not do or allow to be done anything on the Servient Land that will cause interference to the Easement Facility. If the Grantor wishes to operate, or allow equipment to be operated on the Servient Land that is likely to cause interference to the Easement Facility, then the Grantor and the Grantee will use all reasonable endeavours to work together in order to ensure that any interference caused by any equipment operated, or allowed to be operated, by the Grantor will be minimised.
- 3.5 Notwithstanding the provisions of the Fourth Schedule that deal with maintenance and payment of maintenance costs, if any maintenance, repair, renewal or replacement of the Easement Facility is necessary because of any wilful act or omission, neglect or fault of the Grantor (including any tenant, licensee, employee, invitee or agent of the Grantor) then the Grantor shall be responsible for the whole cost of such maintenance, repair, renewal or replacement.
- The Grantor covenants with the Grantee that the Grantor waives and will not at any time claim any compensation from the Grantee under section 51 of the Gas Act 1992 or under any other provisions of any statute or regulation whatsoever, in relation to the exercise by the Grantee of its rights under this easement.
- 3.7 The Easement Facility is and shall remain the sole property of the Grantee and the Grantee shall not be required to remove the Easement Facility at any time unless the easement is surrendered by mutual agreement and in accordance with clause 8.1. No person shall have any interest in such Easement Facility by reason only of having an interest or estate in the Servient Land.
- 3.8 No power is implied for the Grantor to terminate this easement for any breach of covenant or for any other cause whatsoever. The parties intend this easement to subsist forever or until it is duly surrendered by mutual agreement.

Annexure Schedule Page 4 of Pages

#### Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

- 3.9 All disputes which may arise between the parties in respect of this easement are to be determined in accordance with the provisions set out in the Fourth Schedule subject to the modifications detailed in clauses 3.10 and 3.11.
- 3.10 If the matter should proceed to arbitration the arbitral tribunal shall determine the issue of payment of costs as calculated on a solicitor to client basis.
- 3.11 Either the Grantor or the Grantee may appeal to the High Court on any question of law arising out of any award made by the arbitral tribunal.
- 3.12 In addition to the Easement Facility which the Grantee owns on the Servient Land, the Grantee may also own equipment which is situated in a building owned by the Grantor on the Servient Land. Subject to clauses 4 and 5, the right to access the Servient Land includes the right for the Grantee to access any building which houses its equipment to inspect, maintain and replace that equipment.
- 3.13 The Grantor and the Grantee acknowledge that the Grantor has granted this easement pursuant to Section 48 of the Public Works Act 1981 and agree that the Grantor's right of revocation on three months' notice without compensation as contained in Section 48 of the Public Works Act 1981 is specifically excluded.

# 4. PRISON MANAGER'S CONSENT

- **4.1** The Grantee, whether with or without equipment, must not enter the Servient Land without the prior consent of the Prison Manager in respect of such entry.
- 4.2 The Grantee acknowledges that the Servient Land is located within a working prison and that the Prison Manager will have the discretion to impose such reasonable conditions on the Grantee's ability to enter the Servient Land to carry out works under this easement instrument as the Prison Manager thinks necessary or appropriate to the operational requirements of the prison.
- 4.3 The Grantee may make representations to the Prison Manager regarding:
  - (a) the times entry to the Servient Land (including any building housing its equipment provided for under clause 3.12) is required for investigative work and any subsequent construction or maintenance activity insofar as these works and activities can be planned for and scheduled ahead of their taking place; and
  - (b) the Grantee's notice requirements to enter to the Servient Land (including any building housing its equipment provided for under clause 3.12) if the Grantee needs to urgently carry out emergency remedial works to the Easement Facility.
- 4.4 The Grantee acknowledges that the Prison Manager at his/her discretion may upon the giving of either oral or written notice, vary any written consent to entry given under the provisions of clause 4.1 should the Prison Manager deem this to be necessary or appropriate to the operational requirements of the prison.

Annexure Schedule Page 5 of Pages

Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

4.5 The Grantee will at all times comply with all regulations, statutes, ordinances, bylaws or other enactments affecting or relating to its use of the Servient Land and with all requirements which may be given by any Authority and will keep the Granter indemnified in respect of any non-compliance by the Grantee.

4.6 The Grantee will at all times when exercising its rights under this easement instrument comply with the Granton's safety, security, and access protocols and practices and with all conditions and procedures that the Prison Manager may from time to time require under this clause.

#### 5. PRISON MANAGER'S POWERS

- **5.1** If, in the reasonable opinion of the Prison Manager, the Grantee has either compromised the operational requirements of the prison by:
  - (a) breaching the conditions of any consent to entry given under clause 4.1; or
  - (b) failing to comply with any condition or procedure advised by the Prison Manager in relation to the conduct of works carried out on the Servient Land;

then the Prison Manager will immediately notify the Grantee of the nature of the breach (in the case of 5.1(a) above) or failure to comply (in the case of 5.1(b) above) and of the time (which must be reasonable) by which the Grantee must remedy the breach.

#### 6. INDEMNITY

- The Grantee will keep the Grantor indemnified against all claims, actions, losses and expenses of any nature which the Grantor may suffer or incur for which the Grantor may become liable in respect of or arising out of:
  - (a) the neglect or careless use or misuse of the Servient Land by the Grantee;
  - any accident or damage to the property or any person arising from any occurrence on or near the Servient Land wholly or in part by reason of any act or omission of the Grantee;
  - any complaint, action or proceeding against the Grantor as a result of a breach by the Grantee of the Corrections Act 2004, the Resource Management Act 1991, the Health and Safety in Employment Act 1992, the Building Act 2004 and any other act.
- 6.2 In the absence of negligence or recklessness, the Grantor will not be liable to the Grantee, whether in contract, tort or otherwise, for any loss, compensation, damage or expenses incurred or suffered by the Grantee.

Annexure Schedule Page 6 of Pages

Insert instrument type

Easement Instrument to grant easement or profit a prendre, or create land covenant

#### 7. DEFAULT

- 7.1 If the Grantor or the Grantee does not meet the obligations implied or specified in this easement instrument:
  - (a) the party not in default may serve on the defaulting party written notice requiring the defaulting party to meet a specific obligation and stating that after the expiration of 7 Working Days from service of the notice of default, the other party may meet the obligation:
  - (b) if, at the expiry of the 7 Working Day period, the party in default has not met the obligation, the other party may:
    - (i) meet the obligation; and
    - (ii) for that purpose, enter the Servient Land
  - (c) the party in default is liable to pay the other party the cost of preparing and serving the default notice and the costs incurred in meeting the obligation:
  - (d) the other party may recover from the party in default, as a liquidated debt, any money payable under this clause.

## 8. REMOVAL/SURRENDER

- 8.1 The Grantee will retain ownership of the infrastructure comprised in the Easement Facility. If this easement instrument is surrendered by mutual agreement, the Grantee will, if required by the Grantor, remove the infrastructure comprised in the Easement Facility at the time of the surrender. The Grantee will at the Grantee's cost (without limitation) do the following:
  - (a) remove and decommission the Easement Facility and any other improvements which the Grantee has erected on, in or under the Servient Land pursuant to its rights, in accordance with all regulatory requirements, and restore the Servient Land as close as possible to the state prior to the installation of the Easement Facility; and
  - (b) make good any other damage caused by such removal and/or decommissioning to the satisfaction of the Grantor.





# **Title Plan - SO 477035**

Survey Number SO 477035

Surveyor Reference S130795 Mt Crawford Legalisation

Surveyor Joanna Frances Cushen Survey Firm Spencer Holmes Ltd

Surveyor Declaration I Joanna Frances Cushen, being a licensed cadastral surveyor, certify that:

(a) this dataset provided by me and its related survey are accurate, correct and in accordance with the

Cadastral Survey Act 2002 and the Rules for Cadastral Survey 2010, and (b)the survey was undertaken by me or under my personal direction.

Declared on 10 Oct 2014 01:49 PM

**Survey Details** 

**Dataset Description** SECTIONS 1 TO 7

Status Approved as to Survey

Land DistrictWellingtonSurvey ClassClass BSubmitted Date10/10/2014Survey Approval Date 13/10/2014

**Deposit Date** 

### **Territorial Authorities**

Wellington City

# **Comprised In**

CT WN46B/924 CT 80469

### **Created Parcels**

Parcels	Parcel Intent	Area	CT Reference
Section 2 Survey Office Plan 477035	Legalisation	0.3607 Ha	
Section 3 Survey Office Plan 477035	Fee Simple Title	0.4753 Ha	
Section 4 Survey Office Plan 477035	Fee Simple Title	3.8867 Ha	
Section 5 Survey Office Plan 477035	Legalisation	1.0239 Ha	
Section 6 Survey Office Plan 477035	Fee Simple Title	0.4818 Ha	
Section 7 Survey Office Plan 477035	Fee Simple Title	$0.8643\mathrm{Ha}$	
Area A Survey Office Plan 477035	Easement		
Area B Survey Office Plan 477035	Easement		
Area C Survey Office Plan 477035	Easement		
Area D Survey Office Plan 477035	Easement		
Area E Survey Office Plan 477035	Easement		
Area F Survey Office Plan 477035	Easement		
Area G Survey Office Plan 477035	Easement		
Area H Survey Office Plan 477035	Easement		
Section 1 Survey Office Plan 477035	Fee Simple Title	3.9429 Ha	
Total Area		11.0356 Ha	



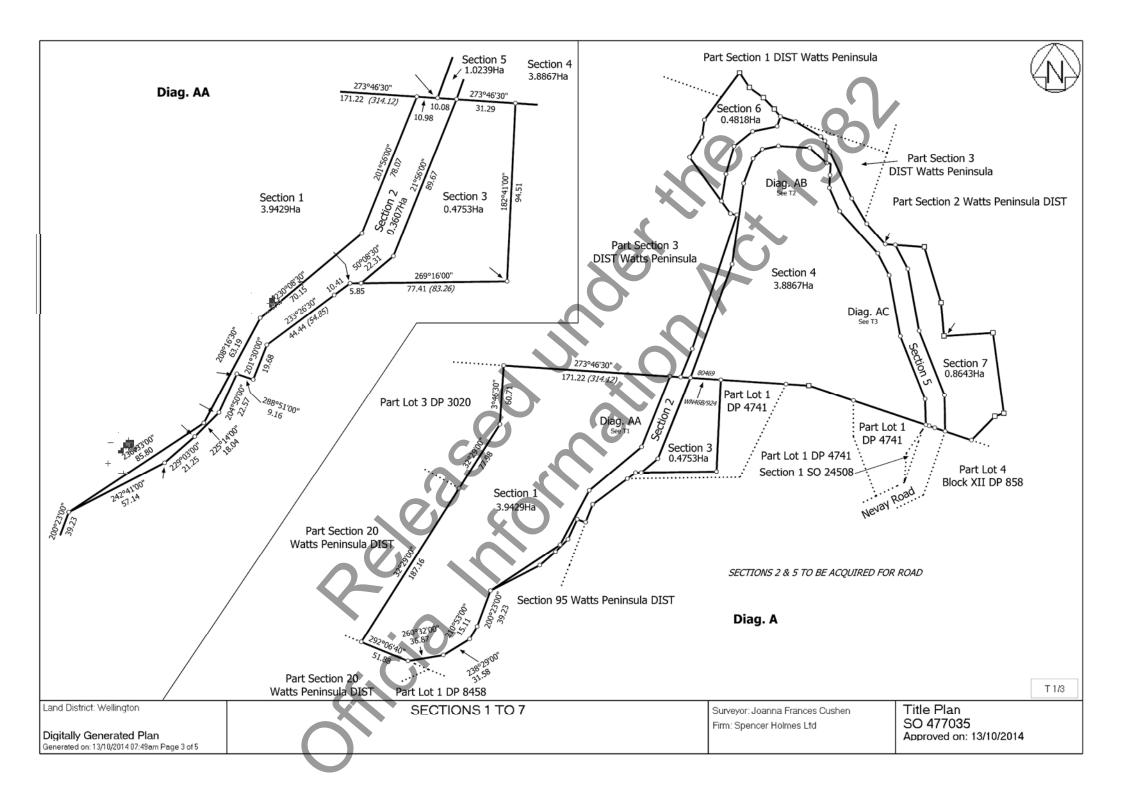
# SCHEDULE OF EXISTING EASEMENTS TO REMAIN

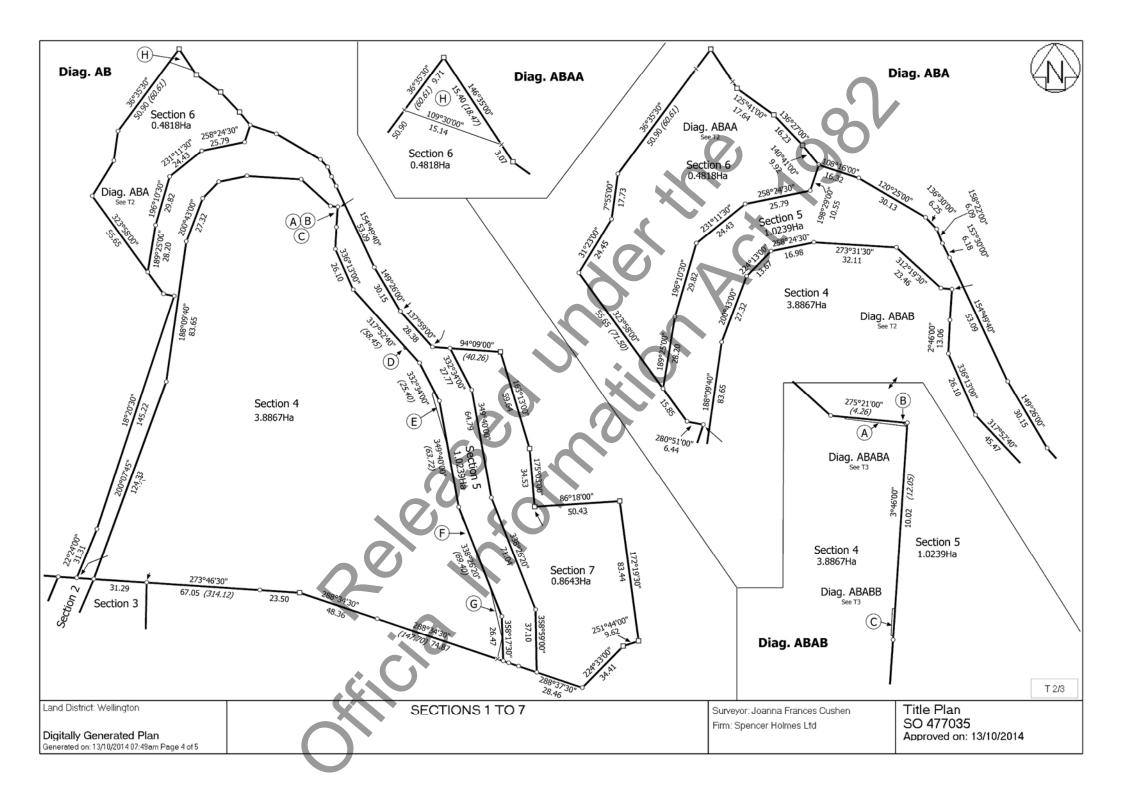
Purpose	Shown	Servient Tenement	Created by
Right Of Way	В	Section 4 hereon	T 5269266.3
Telecommunication Protection Corridor	н	Section 6 hereon	T 5269266.4
Right to Convey Water (in gross)	В	Section 4 hereon	El 8555690.1
Right to Convey Gas (in gross)	A, B, C, D, E, F & G	Section 4 hereon	El 9293197.1

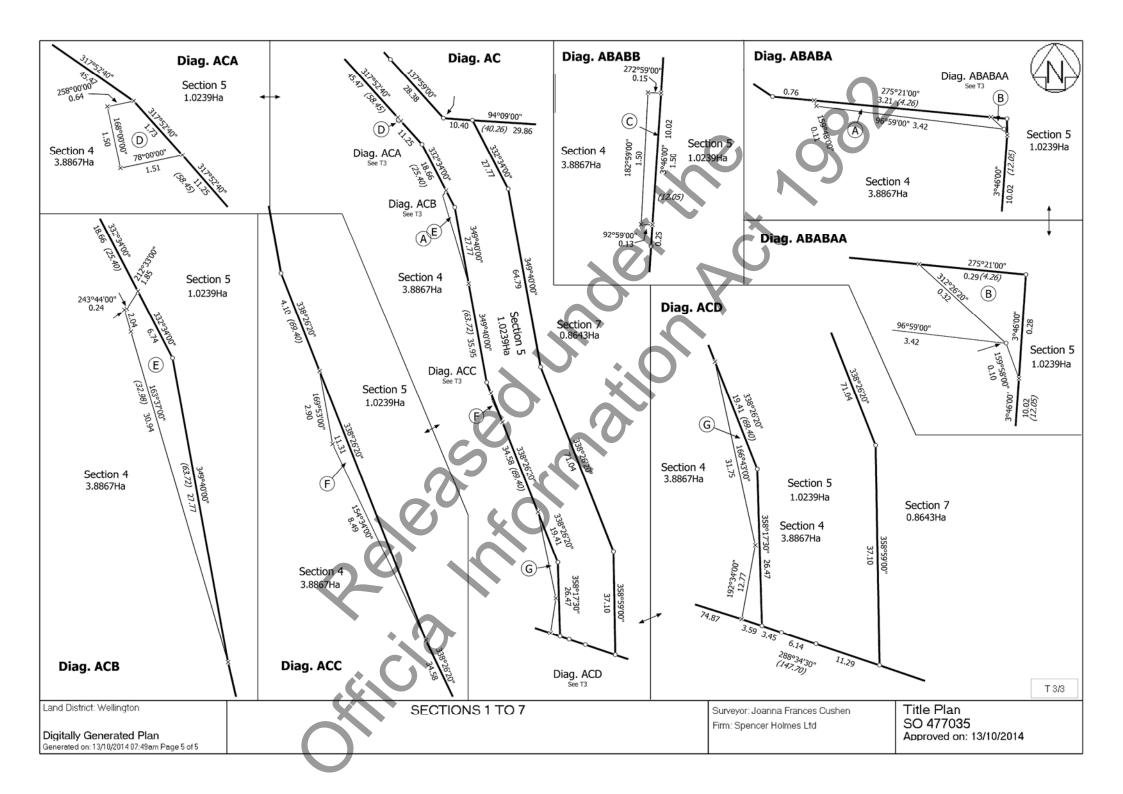
SO 477035

**SCHEDULE OF EXISTING EASEMENTS** 

so 477035 easement schedule.docx 8/8/2014 2:21 PM









# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



Identifier Land Registration District Date Issued 760897 Wellington 07 October 2016

# **Prior References**

WN46B/924

Estate Fee Simple

Area 4.4182 hectares more or less

Legal Description Section 1, 3 Survey Office Plan 477035

Purpose Justice

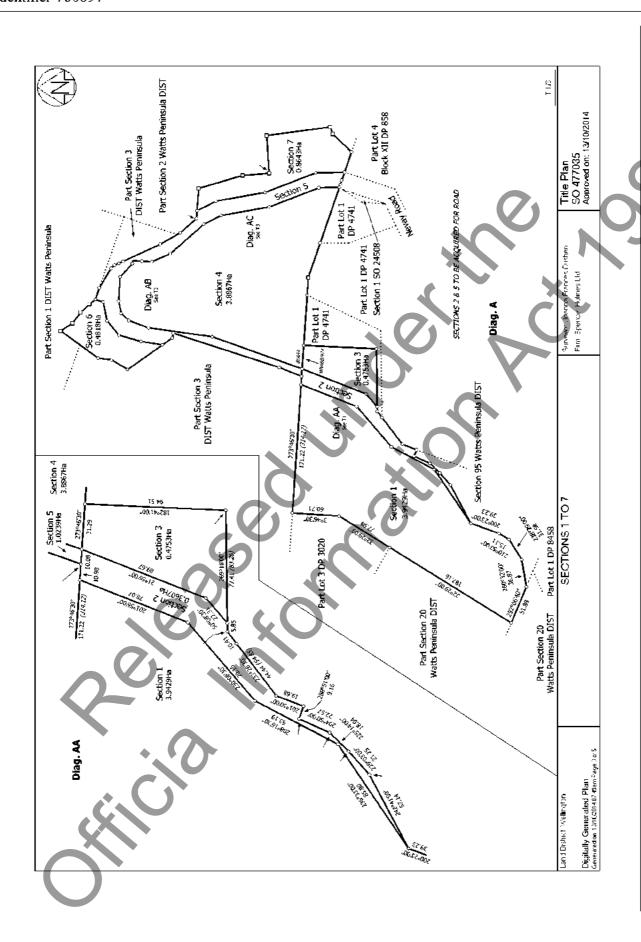
# **Registered Owners** Her Majesty the Queen

#### Interests

Appurtenant hereto is a right of way created by Transfer 411135

8302482.1 Certificate pursuant to section 115(2) of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 that the within land is RFR land as defined in section 92 and is subject to subpart 2 of Part 3 of the Act (which restricts disposal, including leasing of the land) - 1.10.2009 at 9:00 am





Client Reference: 706798 Kiwibuild Mt Crawford

New Zealand]

INL 5354

Under the Land Transfer Act, 1915.

411135 TE

Memorandum of Transfer

WHEREAS Her Majesty the Queen is the registered proprietor of the land in Certificate of Title Volume 367 folio 132 Wellington Registry and has requested THE MAYOR COUNCILLORS AND CITIZENS of the City of Wellington to grant a right of way over the adjoining land NOW TIEREFORE in consideration of the premines

The HAYOR COUNCILLOR: A.D GITIZES: OF The CITY OF WELLINGTON (hereinafter referred to as "the transferor") being registered as the proprietor

carcel

subject however to such encumbrances, liens and interests as are notified by memorandum

of an estate fige mimple

of land situated in the City of underwritten or endorsed hereon in all that piece Wellington and containing 141 acros 2 roods 00.51 perches being part section 20 Watts Peningula District and being also the balance of the land comprised and described in Certificate of Title Volume 571 folio 274 Wellington Registry DOTH HERMSY TRANSFER AND GRANT unto HER MAJESTY THE QUEEN (hereinafter referred to as "the transferee") her tenants servants visitors licensees and all persons authorized by her from time to time and at all times
the full and free right and liberty
hereafter either by day or by hight/to pass and repass with or without horses cattle or other animals carts waggons carriages motor-cars or other vehicles of any description laden or unladen over and along that portion of the above annexed hereto described land as the same portion is bordered green on the plan mercen AND the transferor DOTH HEREBY FURTHER GRANT with the transferee the full and free right liberty power and authority to maintain repair and inspect the sain necess vay and for that purpose or other purposes of these presents with surveyors workmen or other persons horses cattle or other animals carts waggons carriages tools implements motor-cars or other vehicles laden or enter upon the above described land at any time after the date of these presents PROVIDED THAT in the exercise of any such powers every care shall be taken be avoid doing any unnecessary damage to said lands AND IT IS HERCBY AGREED by and between the parties hereto that the Transferee shall be to the satisfaction of the Transferor responsible for the maintenance and repair of the haid right of way/but only to a degree commensurate with the use thereof by the Transferee and that if the Transferor should at any time grant a right to use the said access way to other parties or make use of the access way for any other purpose the liability the Transferee to maintain and repair the same right of way shall be commensurately reduced and abated.

In witness whereof these presents have been executed this

day of , 1957.

THE COMMON SEAL OF THE MAYOR COUNCILLORS AND CITIZENS OF THE CITY OF WELLINGTON was hereto affixed at the offices of and pursuant to a resolution of the City Council in the presence of :-

> MDuckwork Town Clerk

173/1 1312

Signed by the Minister of Works, acting for and on behalf of Her Majesty the Queen pursuant to Section 13 of the Public Works Amendment Act 1948, in the presence of

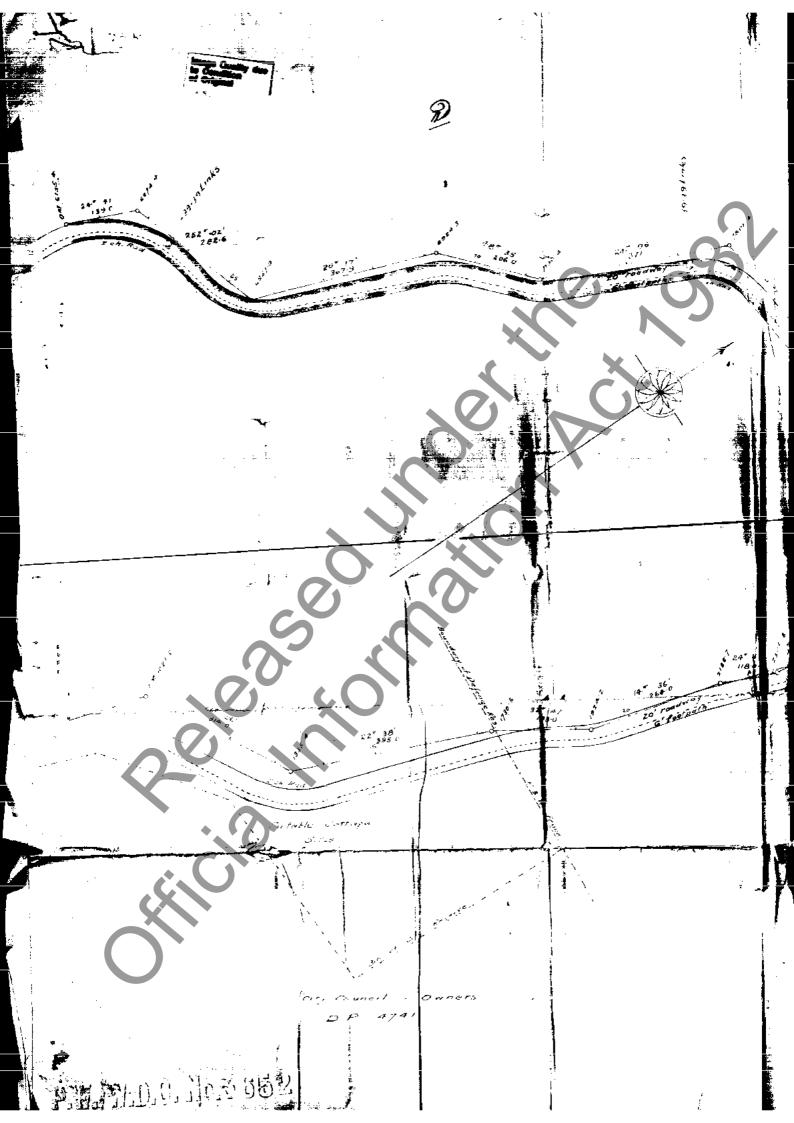
Witness: Luf

Occupation: Line Sevence

Address:

well for

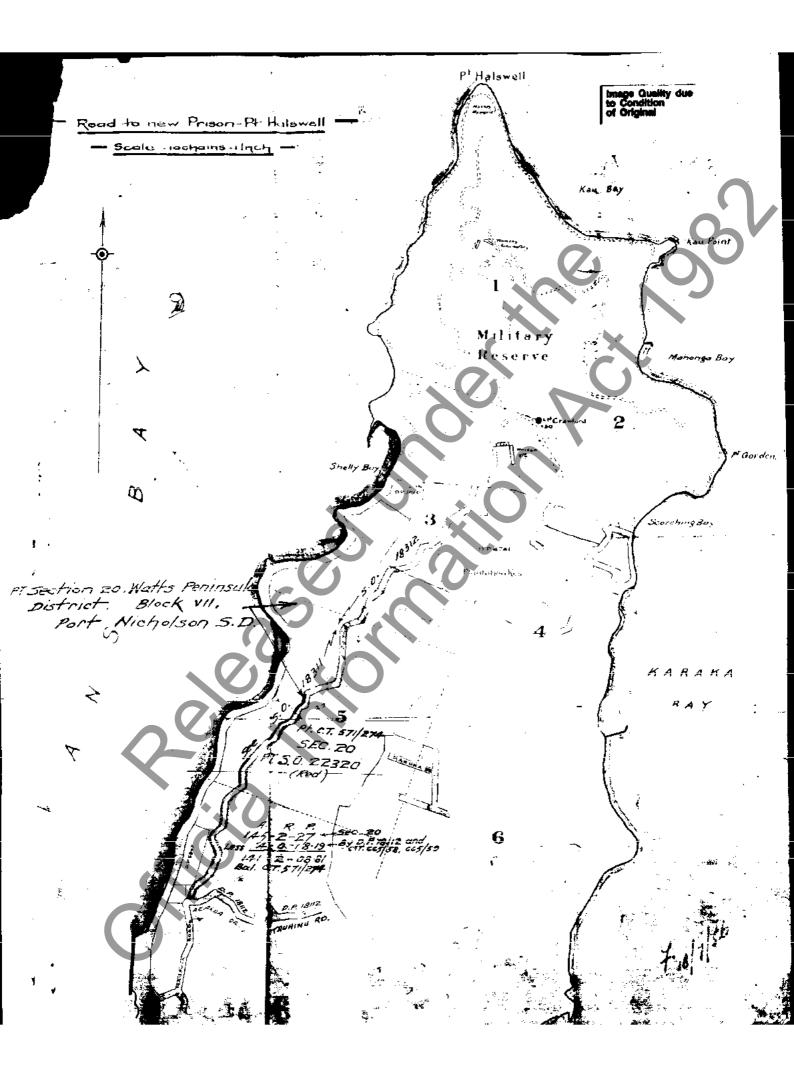
Minister of Works.



- Proposed Road 
To Mount Crawford Prison, Wellington.

- Scale I Chain to one Inch -

COPY SO



411135

No. SURRENDERED. 44-8-1972 44

of part Section 20 Watt Peninsula District Balance C.T. Volume 571 folio Sha Wellington Land Registry

The ayor Councillors and Citizens of the City of Wellington. Transferor

SURRENDERED.

Her Majesty the Queen \_\_\_\_\_ Transferee

Particulars entered in the Register-Book of the District of WELLINGTON

571/274,387/

the 8th day of

anuary 195

Biaries Land Registrar

Assistant Lan Registra

of the District of

nt

Junefur 934 267 the within East 10.000

Correct for the purposes of the Land Transfer Act

Bolicitor for the Transferee

Transfer 537055 | Show her of the Hight of way created herein appurenant part and the manufacture of the part Lot 1 on DP 8458 contained in 9.N. 366013 - 25-1-1983, 9196

MINISTRY OF WORKS, WELLINGTON,

District colicitor

 $\oplus$ 



# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



Identifier Land Registration District Date Issued WN46B/927 Wellington 27 October 1995

### **Prior References**

GN B457384.1

Estate Fee Simple

Area 5084 square metres more or less
Legal Description Part Section 3 Watts Peninsula District

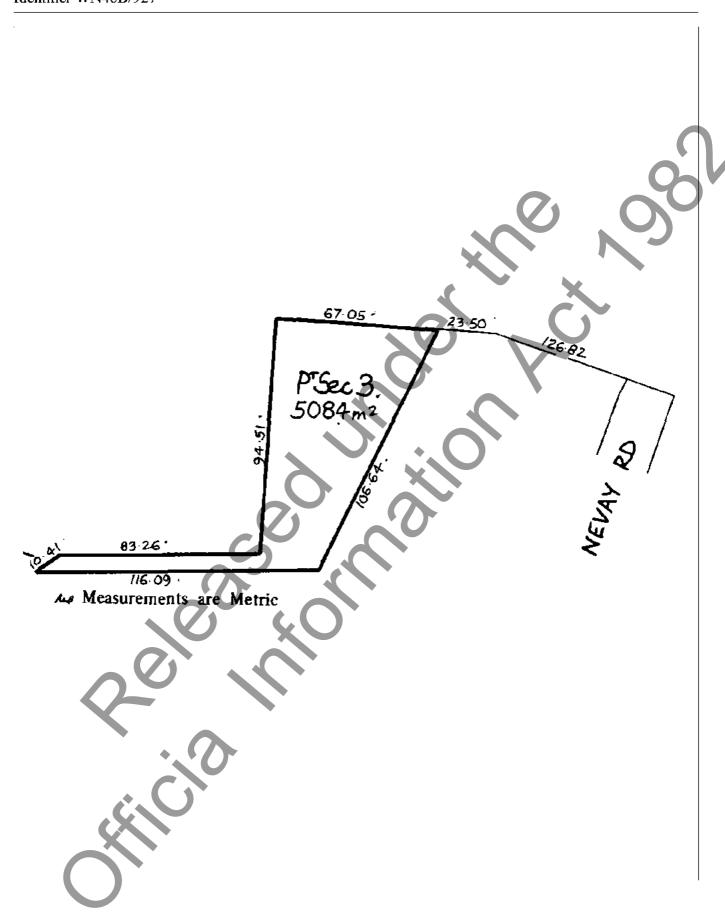
Purpose Justice

**Registered Owners** Her Majesty the Queen

#### Interests

8302482.1 Certificate pursuant to section 115(2) of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 that the within land is RFR land as defined in section 92 and is subject to subpart 2 of Part 3 of the Act (which restricts disposal, including leasing of the land) -1.10.2009 at 9:00 am





Transaction Id: 56195582

Search Copy Dated 25/01/19 4:26 pm, Page 2 of 2

Client Reference: 706798 Kiwibuild Mt Crawford



# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



Identifier Land Registration District Date Issued WN46B/926 Wellington 27 October 1995

### **Prior References**

GN B457384.1

Estate Fee Simple

Area 4527 square metres more or less

Legal Description | Section 1 Survey Office Plan 24508 and Part

Lot 1 Deposited Plan 4741

Purpose Justice

# **Registered Owners** Her Majesty the Queen

#### Interests

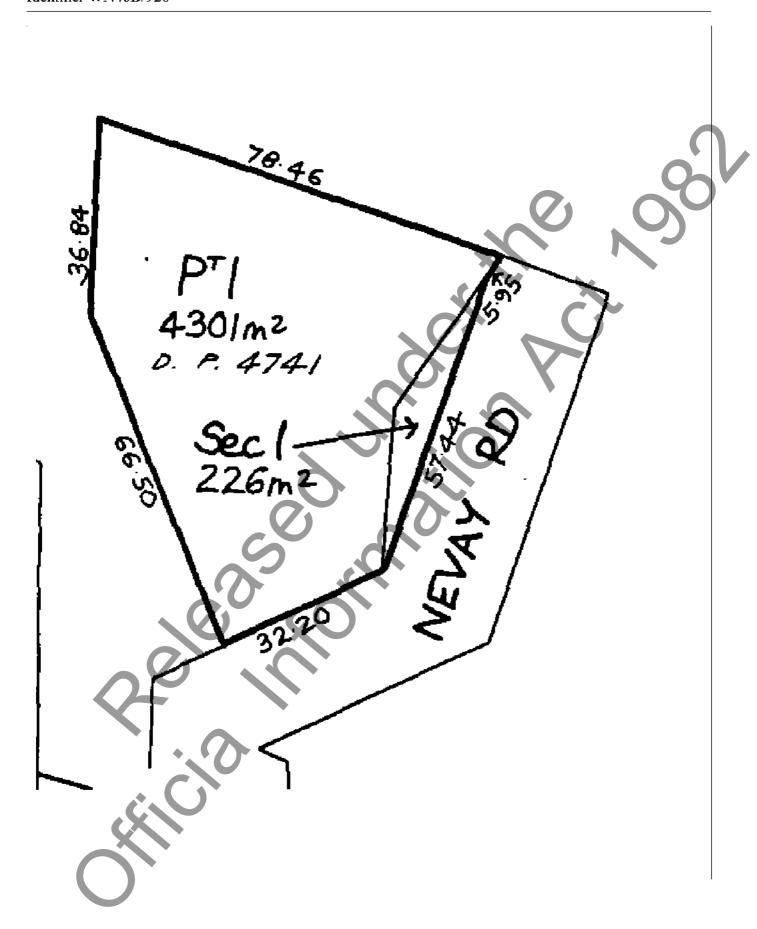
8302482.1 Certificate pursuant to section 115(2) of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 that the within land is RFR land as defined in section 92 and is subject to subpart 2 of Part 3 of the Act (which restricts disposal, including leasing of the land) - 1.10.2009 at 9:00 am



Transaction Id

Search Copy Dated 25/01/19 4:26 pm. Page 1 of 2

Client Reference 706798 Kiwibuild Mt Crawford



Client Reference: 706798 Kiwibuild Mt Crawford



# RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



Identifier Land Registration District Date Issued WN46B/923 Wellington 27 October 1995

### **Prior References**

GN B457384.1 WN320/155

Estate Fee Simple

Area 1.0901 hectares more or less

Legal Description Part Lot 4 Block XII Deposited Plan 858

Purpose Justice Purposes

# **Registered Owners** Her Majesty the Queen

#### Interests

8302482.1 Certificate pursuant to section 115(2) of the Port Nicholson Block (Taranaki Whanui ki Te Upoko o Te Ika) Claims Settlement Act 2009 that the within land is RFR land as defined in section 92 and is subject to subpart 2 of Part 3 of the Act (which restricts disposal, including leasing of the land) -1.10.2009 at 9:00 am



Transaction Id
Client Reference 706798 Kiwibuild Mt Crawford



Transaction Id: 56195582

Client Reference: 706798 Kiwibuild Mt Crawford

SITE 41 - FORMER MOUNT CRAWFORD PRISON

Appendix B Chorus and Vodafone Plans

THE MINISTRY OF HOUSING AND URBAN DEVELOPMENT



WARNING: Buried services are widespread and it should be assumed that they are present until it is proven otherwise.

Cables should be expected to be found at ANY depth. In most instances Chorus plans do NOT show house service feeds on private property.

Refer to cover letter provided with your request for additional information - use all plans provided in conjunction with each other.

You are responsible for interpreting the information provided and should refer to Worksafe.govt.nz for the 'Guide for safety with underground services' For assistance contact Chorus Network Protection on 0800 822 003 or if you suspect damage has occurred contact 0800 463 896 opt 2

 Plan Name
 CN57

 Plan ID
 166110

 N
 Version
 GD

 Current at
 24/01/2019

5988625

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COMER MAY HAME CHANGED AND MUST BE

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25\* 33.6 (1955)
0.2 face of wall a piero
0.4 Cov. 0.5 Cov. road
(192) (PA.B.X)

250

CN58 **Plan Name** WARNING: Buried services are widespread and it should be assumed that they are present until it is proven otherwise. Cables should be expected to be found at ANY depth. In most instances Chorus plans do NOT show house service feeds on private property. Plan ID 166164 CHORUS Refer to cover letter provided with your request for additional information - use all plans provided in conjunction with each other GF You are responsible for interpreting the information provided and should refer to Worksafe.govt.nz for the 'Guide for safety with underground services' Version N For assistance contact Chorus Network Protection on 0800 822 003 or if you suspect damage has occurred contact 0800 463 896 opt 2 24/01/2019 Current at TELECOM DISTRICT MANAGER MELL NGTON WELLINGTON HOUND TELEPHONE INST. 6/SCOMMP FROM PRISON TO FORT BALANCE CHANGE DUCT DISTANCES ON FARM.

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DE NAME TO THE PRISON TO FORT BALANCE R27-500/053.58 WN. 40500 CABLE SYSTEM DUCT DISTANCE AMEND
TO HAW INT.

SO man P. NEVAY RD. CN 58/I CUT TO NEW CABLE.
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LIFE MR FFPICO UPCATES (20081,0263) BQ12. CN. 58 we. 317.84 500 Af CN57 5988025 75 × 65 7 (1862) 0.5 cov. (279) 25\* 103.7 (1976) (527) (PABX) CN58 P45 (A) CM59 CN59 CP59 030 Cov. (536) 100\* 150.7 (1977) (53G) (PA.B.X) OBSOLETE CABLES IN THIS VICINITY REFER D.O 8/100mm P 477.2 (8604) 8(8806)(0.9-1.2 Cover) (laid with power & earth strop) 0.7 Cover 00°45.0 (1976) (536) 25' 107 L (1976) (527) (PABX) O 1/50mmP MOUNT CRAWFORD PRISON 100× 150.7(1977) (534) (PABX) 43.90 100x 30.6 (1976) (536) (PAB.X) OFFICERS QUARTERS P45 610 16.7 10.7 Cover -25× 22.L (1976) (527) (PABX) (360) (PABX) (536) (PABX) (360) (PAB.X) \* 472(1962) (279) O 1/50mmP 75× 53.3 (1962) (279) OBSOLETE CABLE IN THIS VICINITY SEE U/G 0.10 0.6 Cover O 1/50mmP 25<sup>x</sup> 42.1(1962) 279 (Obsolete) PWR POLE 75\* 26.5(1962) (279) -26×355(1941) 06(ov.(F.B.85) (Obsolete) 751 3.4 (1967) -(347) 2014 TN. 679 75× 154.5 (1962) (279) 10.35Cover (354)(8512) 57° TN 43.0 1505 (8512) Repair 75 (568) 26) 114 0 (1961) 0.6 Cov. (85) (Obsolete) 23/4° IN 497 80 0.5 Cover O 20mmF 5988250

**CN59 Plan Name** WARNING: Buried services are widespread and it should be assumed that they are present until it is proven otherwise. Cables should be expected to be found at ANY depth. In most instances Chorus plans do NOT show house service feeds on private property. Plan ID 166159 CHORUS Refer to cover letter provided with your request for additional information - use all plans provided in conjunction with each other GI You are responsible for interpreting the information provided and should refer to Worksafe.govt.nz for the 'Guide for safety with underground services' Version N For assistance contact Chorus Network Protection on 0800 822 003 or if you suspect damage has occurred contact 0800 463 896 opt 2 Current at 24/01/2019 WELLINGTON TELECOM 111 DARLINGTON RD. CN.5#1/2 NNST. N.4-5/# DIGM.

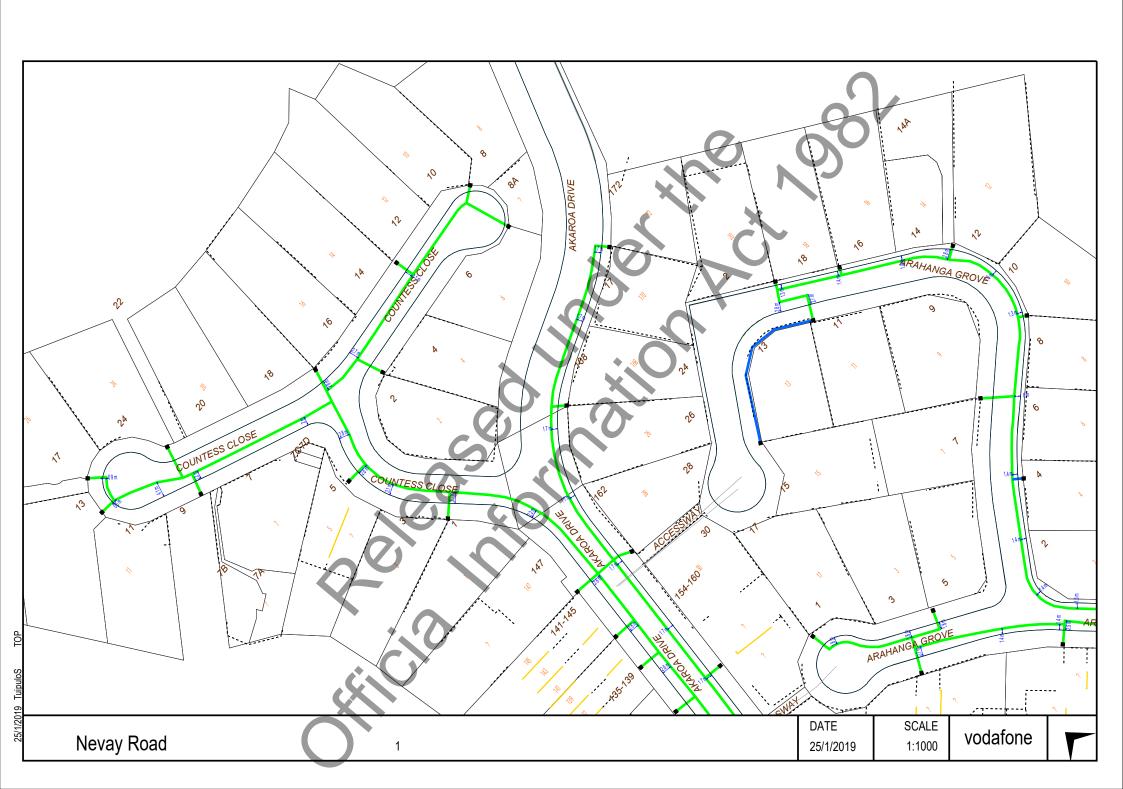
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NEWY RD 50" CUT IN

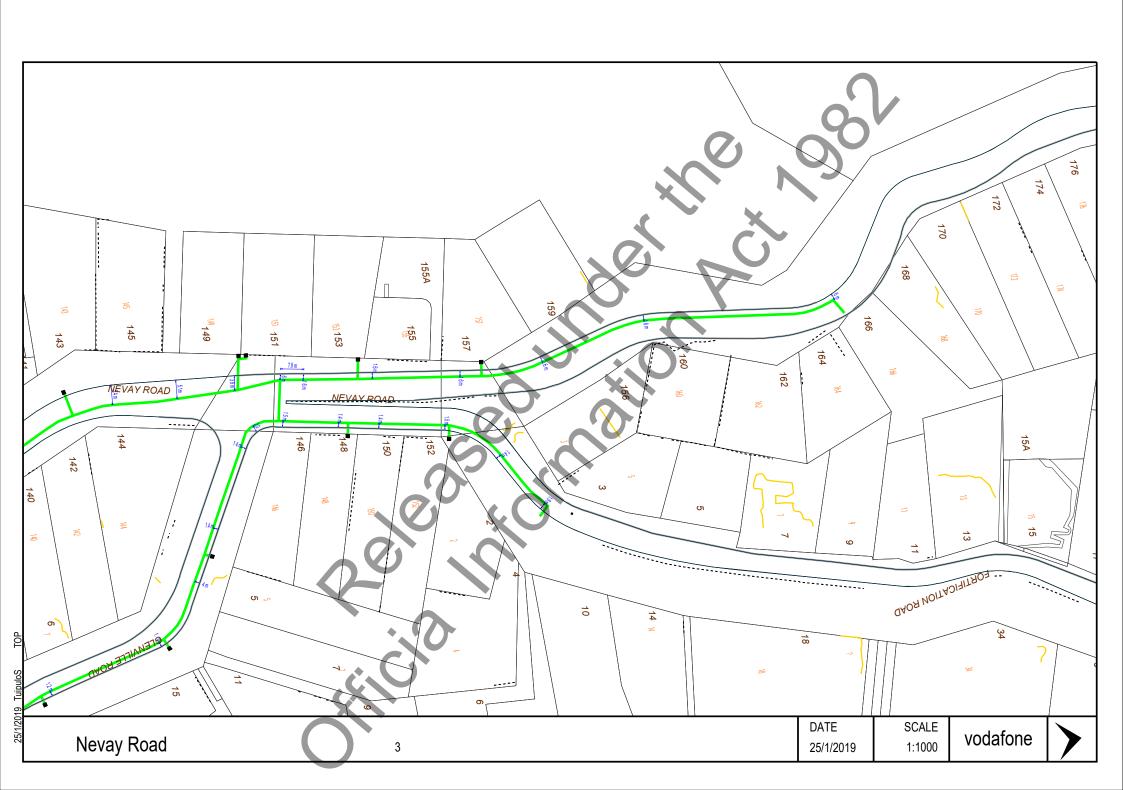
SOM NO MORE P NEWY PD

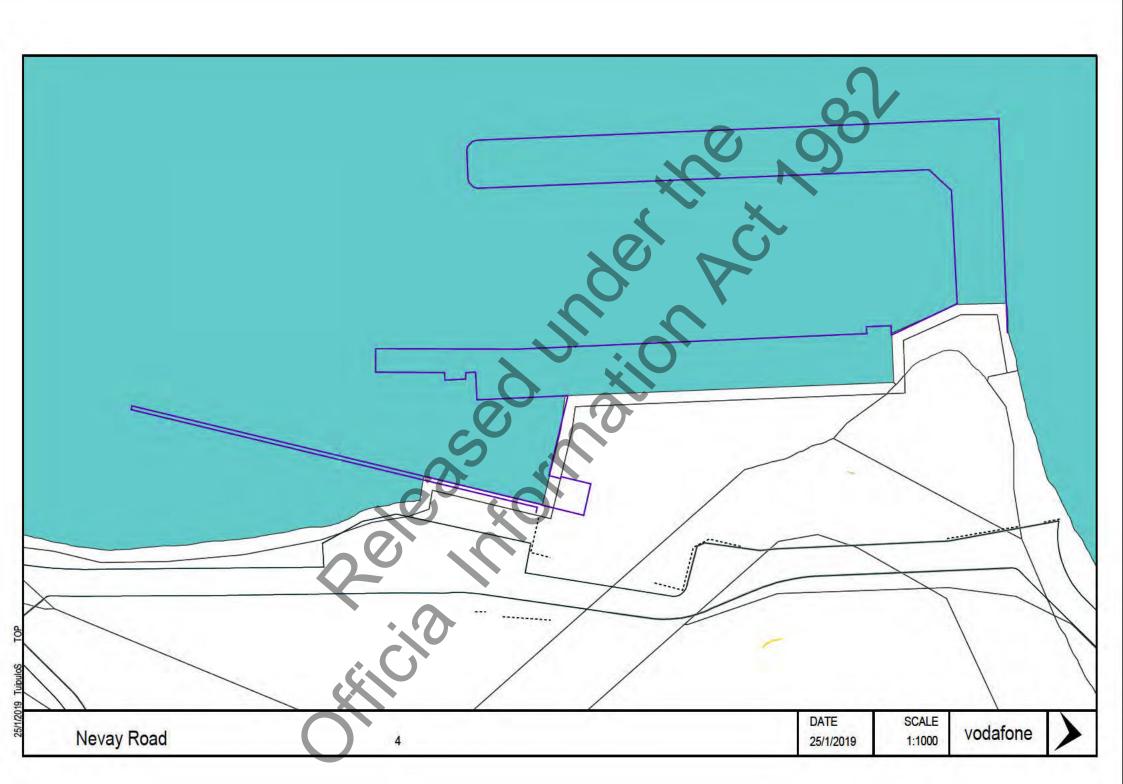
NEW RD 100" NEW RD (110" NEW RD 5)

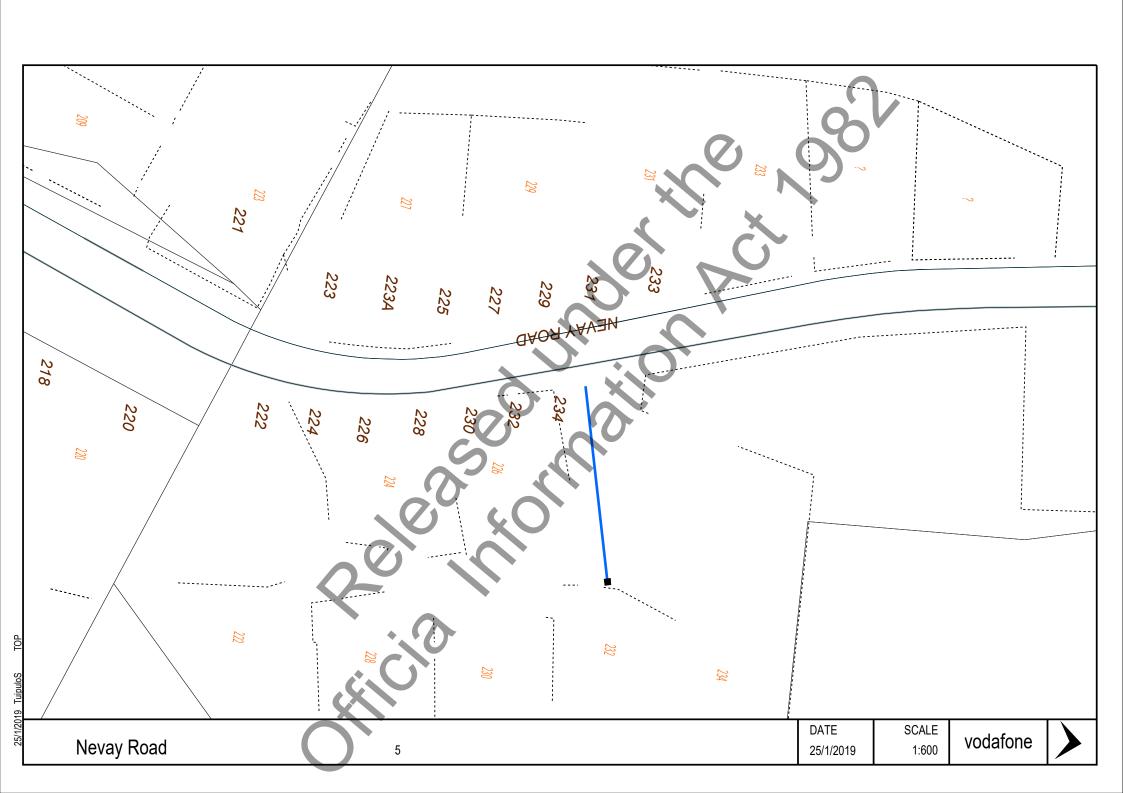
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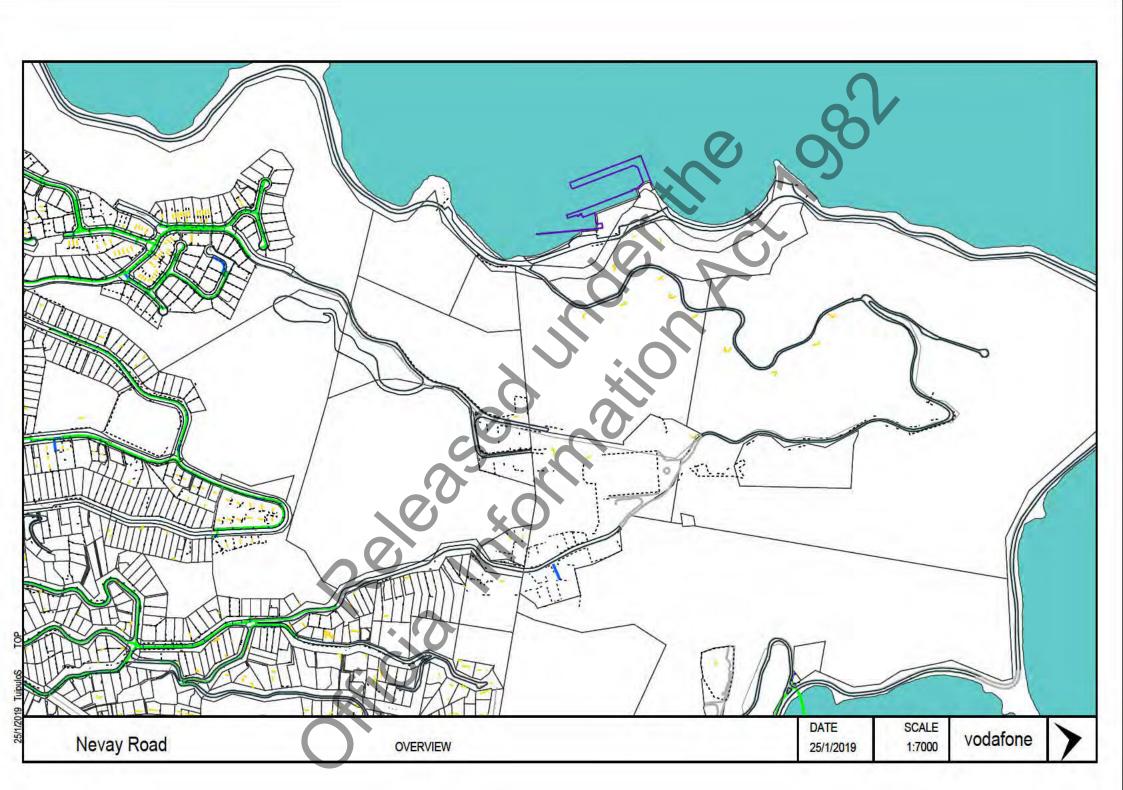












SITE 41 - FORMER MOUNT CRAWFORD PRISON

Appendix C ENGEO Geotéchnical Desktop Study - Draft

THE MINISTRY OF HOUSING AND URBAN DEVELOPMENT



# DRAFT Preliminary Environmental Site Investigation

Main Road

Maupuia

Wellington

# Submitted to:

The Ministry of Business, Innovation & Employment
C/- Calibre Consulting Ltd
Lvl 13 Kordia House
109 - 125 Willis Street, Wellington 6011

#### **ENGEO** Limited

Plimmer Towers, Level 18, 2-6 Gilmer Terrace, Wellington 6011, New Zealand
PO Box 25 047, Wellington 6140, New Zealand
Tel +64 4 472 0820 Fax +64 4 974 5266
www.engeo.co.nz



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Table 4: Geology and Hydrogeology

Table 5: SLUR Summary

Table 6: Historical Aerial Photography Summary

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Table 8: Conceptual Site Model

# **Figures**

Figure 1: Site Plan

## **Appendices**

Appendix 1: Wellington Council Site Contamination Enquiry

Appendix 2: Historical Aerial Photographs

Appendix 3: Site Walkover Photographs

Appendix 4: Areas Of Concern

# **ENGEO Document Control:**

Report Title	Preliminary Environmental Site Investigation - Main Road, Maupuia			
Project No.	15784.000.000	Doc ID	02	
Client	The Ministry of Business, Innovation & Employment	Client Contact	Mr Brett G	awn
Distribution (PDF)	Mr Brett Gawn, Calibre			
Date	Revision Details/Status	WP	Author	Reviewer
25/01/2019	DRAFT		SF	KJ



# 1 Introduction

ENGEO Ltd was requested by The Ministry of Business, Innovation & Employment to undertake a preliminary environmental site investigation (PSI) of the property (herein referred to as 'the site') at Main Road, Maupuia, Wellington. This work has been carried out in accordance with our signed agreement dated 1 November 2018.

The purpose of the assessment was to provide a due diligence environmental desktop studies of the site in order to provide an understanding of the potential development constraints and environmental risks.

This investigation has been undertaken to satisfy the requirements of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011, herein referred to as the "NES" (NES, 2011) and was undertaken in general accordance with the Ministry for the Environment (MfE) Contaminated Land Management Guidelines No.1: Reporting on Contaminated Sites in New Zealand (MfE, 2011a).

#### 1.1 Objective of the Assessment

The objective of this investigation was to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances at, or to the subject property, and report on the associated potential risk posed to future site users.

### 1.2 Approach

To satisfy the above objective, ENGEO sought to gather information regarding the following:

- Current and past property uses and occupancies;
- Current and past uses of hazardous substances;
- Waste management and disposal activities that could have caused a release or threatened release of hazardous substances;
- Current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the subject property; and
- Properties adjoining or located near the subject property that have environmental conditions
  that could have resulted in conditions indicative of releases or threatened releases of
  hazardous substances to the subject property.





# 2 Site Description

Site information is summaries in Tables 1, 2 and 3, Figure 1 shows a site plan with approximate boundaries of proposed lots.

Table 1: Individual Lot Summary

ENGEO Identifier / Lot Name	CRF Registration / Parcel ID	Legal Description (As per GWRC GIS Database)	Approximate size (m²)
Lot A1	760898	Section 7 SO 477035 id: 7550274	4,800
Lot A2	760898	Section 4 SO 477035 id: 7550271	39,000
Lot A3	760898	Section 6 SO 477035 ld: 7550273	8,600
Lot B	6597396	Pt Sec 2 Watts Peninsula District	21,500
Lot C	6597394	Pt Sec 3 DISTRICT Watts Peninsula	21,000
Lot D1	760897	Sec 1 SO 477035	38,900
Lot D2	760897	Sec 3 SO 477035	4,800
Lot E	WN46B/927	PT LOT 1 DP 4741 - WELLINGTON PRISON	4,500
Lot F	WN46B/926	SEC 1 SO 24508 PT LOT 1 DP 4741 - WELLINGTON PRISON - SUBJ TO ESMT DP 455321	4,200
Cot G.	WN46B/923	PT LOT 4 BLK XII DP 858 - WELLINGTON PRISON	11,100



Table 2: Site Information

Item	Description	
Location	Main Road, Maupuia, Wellington	
Current Land Use	Recreational, agricultural and commercial	
Proposed Land Use	Residential	
Site Area	Approximately 14.73 ha	
Regional Authority	Greater Wellington Regional Council	

## Table 3: Site Setting

Item	Description
Topography	The site straddles a spur where the spur flanks slope to the east and west with areas of the site as low as 60 m to as high as 160 m above sea level. Both the east and west sections of the site slope relatively steeply while the northern and southern (along the spur) slope gently in their respective directions.
	The site is located at the highest point of the Miramar Peninsula in a relatively undeveloped area of land. The surrounding land use is as follows.
	North: Relatively undeveloped recreational/rural land
I and Catting	East: Relatively undeveloped recreations/ rural land, with Scorching Bay domain and small amounts of residential development further on.
Local Setting	South: Recreational land (Centennial Reserve) immediately adjacent to the site with residential development further on.
(0	West: Recreational land (Carter Park) and forested military owned land directly east, beyond this is a port development in located in Shelly Bay.
-01	The site is bounded on three sides by Wellington Harbour.
Nearest Surface Water &	Approximately 140 metres to the west of the site is Shelly Bay;
Use	Approximately 270 metres to the east of the site is Scorching Bay; and,
	Approximately 650 metres to the north of the site is Kau Bay;







### 2.1 Geology and Hydrogeology

The documented geology and hydrogeology of the site and surrounding area is summarised in Table 4

Table 4: Geology and Hydrogeology

Item	Description
Geology (GNS, 2001)	The site is underlain by Triassic age Torlesse Supergroup, Rakaia terrane, grey sandstone-mudstone sequences and poorly bedded sandstone(Greywacke) and siltstone / mudstone (Argillite) sequences.
Hydrogeology	Any ground water present is likely to flow downslope to the East or West of the site.
Groundwater Abstractions	GWRC GIS systems record no ground water abstractions within 500 m of the site. During ENGEO's site walk over a large water retention tank was identified within 50 m of the site boundaries.
Discharge Consents	There are no discharge consents located within the indicated boundaries of the site or within 100 m of the site boundaries.

# 2.2 Groundwater and Surface Water Sensitivity

Due to the relatively undeveloped nature of the area no known boreholes or piezometer stations have been installed near the site. As such no indication can be provided as to the depth of groundwater below the site nor to the vulnerability of water at depth.

Near surface water is restricted to harbour water surrounding the peninsular on which the site is located, this sensitive water body is however located more than 100 m away from the proposed site boundary.

# 3 Site History

ENGEO reviewed available environmental and geological information relevant to the site, including geological maps, historical aerial photographs and GIS records held on relevant governing body websites. Certificates of title and historical archives relevant to the site were requested during ENGEO's investigation but were not made available for review at the time of issuing this report. When these documents are made available ENGEO will review and update this report outlining the findings and implications (if any).

Based on the information available at the time of investigation portions of the site are understood to have been used in for military purposes, specifically the use and storage of explosives and ordinance, agricultural and horticultural activities, residential developments, forestry activities and currently has an active prison installation present (Wellington Prison).

#### 3.1 Interview with Site Occupants

No client representative was available at the time of investigation.

#### 3.2 Selected Land Use Register (SLUR)



The Greater Wellington Regional Council (GWRC) maintains a Selected Land Use Register (SLUR) of past and current land uses within the greater Wellington Region. The SLUR records sites that have or have had a hazardous activity or land use conducted according to the MfE Hazardous Activities and Industries List (HAIL). Sites that are recorded as currently or previously having had an activity on the HAIL trigger the requirement for a contaminated land investigation prior to development. The GWRC SLUR is a web based GIS layer and was viewed 23 January 2019 for the site and neighbouring sites (within 100m radius). Relevant information has been included in Table 5.

Table 5: SLUR Summary

Identifier	Period From	Period To	Hail Activity (s)	Distance to site	SLUR Category
			On-Site		X
SN/05/059/02 Part Section 3 Watts Peninsular District	Unknown	Site decommissioned in 1995	Explosives and ordinances production, storage and use, Chemical manufacture application and bulk storage.  Explosive or ordinance production, maintenance, dismantling, disposal, bulk storage or repackaging.  Storage tanks or drums for fuel, chemicals or liquid waste.	N/A	Verified History of Hazardous Activity or Industry
SN/05/059/02 <	Unknown	Site	Off-Site  Explosives and	Directly	Verified History
Part Lot 3 Deposited Plan	3	decommissioned in 1995	ordinances production, storage and use, Chemical manufacture application and bulk storage.	adjacent South West corner of site	of Hazardous Activity or Industry
	3		Explosive or ordinance production, maintenance, dismantling, disposal, bulk storage or repackaging.		
A.			Storage tanks or drums for fuel, chemicals or liquid waste.		



Identifier	Period From	Period To	Hail Activity (s)	Distance to site	SLUR Category
SN/05/059/02 Lot 1 Deposited Plan 85449	Post 1980	Unknown	Chemical manufacture, application and bulk storage.  Storage tanks or drums for fuel, chemicals or liquid waste.	Approximately 100 m from the eastern edge of the site.	Verified History of Hazardous Activity or Industry

Additional information requests were made to GWRC SLUR, received documentation was reviewed and has been attached in Appendix 1. s 9(2)(j)

Additionally, SLUR records approximate locations for munitions stores, rifle ranges, fuel supply areas, shipways, paint stores, none of which appear to be within the boundaries of the site.

# 3.3 Historical Aerial Photography Review

Aerial photographs dating from 1938 to 2019 have been reviewed and are included in Appendix 2 (Figures 2A – 2P, please note boundaries of proposed lots are an approximation only) for reference. The aerials were sourced from Retrolens and Google Earth Pro. Relevant visible features on the site and surrounding area are summarised in Table 6.

Table 6: Historical Aerial Photography Summary





Released Indertine 1,982
Official Indertine 1,982

Date	Description
2002	No significant changes to the site can be observed since the 2000 photograph
2004	No significant changes to the site can be observed since the 2002 photograph
2009	No significant changes to the site can be observed since the 2004 photograph
2010	No significant changes to the site can be observed since the 2010 photograph
2013	No significant changes to the site can be observed since the 2010 photograph.
2018	No significant changes to the site can be observed since the 2013 photograph.



# 4 Site Walkover

A site walkover was completed on 23 January 2019 by an ENGEO environmental scientist. Observations of activities and conditions present at the site are summarised in Table 7. ENGEO did not conduct an interview with current site owners during the walkover, additionally the prison compound within Lot A2 was inaccessible at this time.

Access to the site is gained from Main Road on the western slope of the peninsular and Nevay Road on the eastern slope of the peninsular, both of which converge at Wellington Prison. One additional road is present on the site (Access Road) which runs along the boundary of Lot D2.

Structures which exist on site consist of Wellington Prison facility (Lot A2, central and north western portions of the site) with four additional structures on the southern edge of the compound. These structures appear to be concrete, brick and timber based, access within these buildings for closer inspection was not available during ENGEO's site walk over. A hardstand carpark is located at the entrance to the prison facility on the northern side.

A small breeze block nursery is still present on site within the area designated as Lot A1, the area surrounding this structure appears to be used as a community garden, or of a similar nature.



#### s 9(2)(j)

Sections of land identified as Lot D2 and E off Access Road, as well as Lot F, the southern portion of Lot A3 and the south eastern portion of Lot A2 have s 9(2)(i)

sites identified as having residential development in the

historic aerial photography.

Photographs taken during the site visit are included in Appendix 3.

**Table 7: Current Site Conditions** 

Site Conditions	Comments
Surface water appearance	No surface water present on site at the time of investigation.
Current Surrounding Land Use	North: Agricultural / Farming;  East: Agricultural / Farming and recreational;  South: Recreational;  West: Recreational / Forestry.
Local sensitive environments	Wellington Harbour surrounds the site on the North, East and West.
Visible signs of plant stress	No visible signs of plant stress observed.
Ground Cover	Forestry, shrub and grass cover are present over the majority of the site.
Potential for On - Or - Off - Site - Migration of Contaminants	
Visible signs of contamination	Potentially aspestos containing material (PACM) observed as claddings and attachment to prison buildings. Building material debris and remains observed on access road and in areas around the site.
Additional Comments	No additional comments.

# 5 Potential HAIL Activities

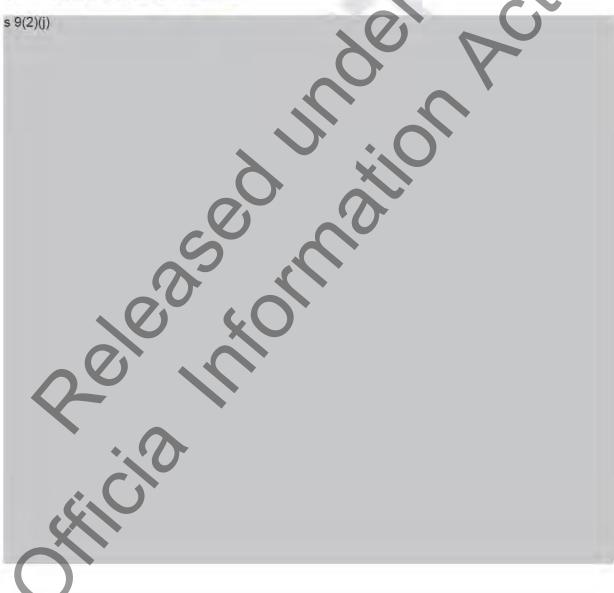
Activities included on the MfE Hazardous Activities and Industries List (HAIL) (MfE, 2011b) trigger the requirement for an intrusive detailed site investigation (DSI) prior to redevelopment. Based on the information reviewed as part of this PSI, the following activities listed on the HAIL may have been historically and for are currently present at the site:

- HAIL Activity A8 Livestock dip or spray race operations;
  - HAIL Activity A10 Persistent pesticide bulk storage or use including sport turfs, market gardens, orchards, glass houses or spray sheds;



- HAIL Activity A17 Storage tanks or drums for fuel, chemicals or liquid waste;
- HAIL Activity C1 Explosive or ordinance production, maintenance, dismantling, disposal, bulk storage or pre-packaging;
- HAIL Activity C2 -Gun clubs or rifle ranges, including clay targets clubs that use lead munitions outdoors; and
- HAIL Activity C3 Training areas set aside exclusively or primarily for the detonation of explosive ammunition; and
- HAIL Activity E1 Asbestos products manufacture or disposal including sites with building containing asbestos products known to be in a deteriorated condition (E1) are on the HAIL







Released Indertine 1,982
Official Indertine 1,982

Released Indertine 1,982
Official Indertine 1,982





## 9 References

Begg, J. G. and Mazengarb, C. (1996). "Geology of the Wellington Area", scale 1:50 000, Institute of & Nuclear Sciences Geological Map 22. 1 sheet + 128 p. Lower Hutt, New Zealand: Institute of Geological and Nuclear Sciences Limited

Begg, J. G. and Johnston, M. R. (2000) (compilers). "Geology of the Wellington Area", Institute of Geological and Nuclear Sciences 1:250 000 Geological Map 10. 1 sheet + 64p. Lower Hutt, New Zealand: Institute of Geological and Nuclear Sciences Limited

MfE Apr 2012: Users' Guide National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health. Wellington, Ministry for the Environment.

MfE, 2011. Contaminated Land Management Guidelines No.1: Reporting on Contaminated Sites in New Zealand.

MfE 2011: Guidelines for Assessing and Managing Petroleum Hydrocarbon Contaminated Sites in New Zealand. Revised 2011. Wellington, Ministry for the Environment.

MfE Oct 2011: Ministry for the Environment; Hazardous Activities and Industries List (HAIL). Wellington, Ministry for the Environment.





# 10 Limitations

- i. We have prepared this report in accordance with the brief as provided. This report has been prepared for the use of our client, The Ministry of Business, Innovation & Employment, their professional advisers and the relevant Territorial Authorities in relation to the specified project brief described in this report. No liability is accepted for the use of any part of the report for any other purpose or by any other person or entity.
- ii. The recommendations in this report are based on the ground conditions indicated from published sources, site assessments and subsurface investigations described in this report based on accepted normal methods of site investigations. Only a limited amount of information has been collected to meet the specific financial and technical requirements of the client's brief and this report does not purport to completely describe all the site characteristics and properties. The nature and continuity of the ground between test locations has been inferred using experience and judgement and it should be appreciated that actual conditions could vary from the assumed model.
- iii. Subsurface conditions relevant to construction works should be assessed by contractors who can make their own interpretation of the factual data provided. They should perform any additional tests as necessary for their own purposes.
- iv. This Limitation should be read in conjunction with the Engineers NZ/ACENZ Standard Terms of Engagement.
- v. This report is not to be reproduced either wholly or in part without our prior written permission.

We trust that this information meets your current requirements. Please do not hesitate to contact the undersigned on (04) 472 0820 if you require any further information.

Report prepared by

Report reviewed by

Report Reviewer

Environmental Scientist

Report Author2

Author Title2

Reviewer Title2





Released Indian Petron Petron





APPENDIX 1:

Wellington Council Site Contamination Enquiry





# caring about you & your environment

#### Wellington Regional Council P O Box 11-646, 142-146 Wakefield Street, Wellington, New Zealand Telephone 0-4-384 5708, Facsimile 0-4-385 6960

# **Fax Transmission**

To:

**C B Richard Ellis** 

File No.:

K/9/5/59

Attention:

No. of pages

Fax No.:

04 499 8889

From:

Kathryn Hooper

Copy to:

**Date/Time:** 19 May 1999

#### SHELLY BAY

Thank you for your inquiry regarding contamination at the Shelley Bay Airforce Base. The Wellington Regional Council has record of only one potentially contaminated site on the Airforce Base at Shelley Bay. This is a site known as Shelley Bay (Legal Description Lot 1 DP 3020 Shelley Bay) and is included as a (1) Site that has stored or used a hazardous substance on the Wellington Regional Council ANZECC Site Use Database. The reasons for this classification are as follows:

The site has been and/or is used for the following activity(s):

Defense Works, Maintenance/manufacture workshops

This site does not match exactly the description provided for the site you are concerned with, as the site concerned has no title and is part of the open space zone. There is no record of the site you have described in the Wellington Regional Council's ANZECC Site Use database.

Sites are included in the database either on the basis of a site assessment indicating the presence of contamination, or on evidence that a past or present land use has the potential to cause contamination (usually involving the storage, use, or disposal of hazardous substances). E.g. the storage of petrol or diesel, chemical manufacture, and landfills.

The enclosed information is derived from the Wellington Regional Council's ANZECC Site Use Database and is made available to you under the Local Government Official Information and Meetings Act 1987. The database has been established by the Regional Council for the purpose of performing its functions under the Resource Management Act 1991.

The database identifies sites where activities have occurred that are known to have the potential to contaminate land and includes sites where further investigation has shown contamination to be present or absent and sites that have been remediated. In the case of sites where hazardous substances have been used, stored, or disposed, further investigation is required to determine whether or not this site is actually contaminated or the degree and extent of any residual contamination. No reliance can, or should be, placed on this information, by any person, as indicating the presence of contaminants on the site.

This information reflects the Councils current understanding of this site. The Wellington Regional Council accepts no liability for any inaccuracy in or omission from, this information. The provisions of the Privacy Act 1993 bind any person receiving and using this information.

I hope this fax provides the information you require please contact me if I can offer further assistance.

Regards

Kathryn Hooper Resource Quality Officer



### caring about you & your environment

# Wellington Regional Council

P O Box 11-646, 142-146 Wakefield Street, Wellington, New Zealand Telephone 0-4-384 5708, Facsimile 0-4-385 6960

# Fax Transmission

To:

NZ Defence Force

File No.:

Attention:

Barbara Hickey

No. of pages

Fax No.:

04 496 0929

From:

Chris Purchas

Copy to

Date/Time: 9 February 1998

Fax No.:

#### SHELLY BAY RD

Thank you for your inquiry regarding the above site. The site known as SHELLY BAY RD (Legal Description LOT 1 DP 3020 -SHELLEY BAY, ) is included as a (1) Site that has stored or used a hazardous substance on the Wellington Regional Council ANZECC Site Use Database due to the following activity.

Defense Works, Maintenance/manufacture workshops

This site had underground storage tanks (UST) which have now been removed. unconfirmed notes on file regarding a landfill on this site, but there is no indication of a location or likely contents of the fill if it exists.

Sites are included in the database either on the basis of a site assessment indicating the presence of contamination, or on evidence that a past or present land use has the potential to cause contamination (usually involving the storage, use, or disposal of hazardous substances). E.g. the storage of petrol or diesel, chemical manufacture, and landfills.

The enclosed information is derived from the Wellington Regional Council's ANZECC Site Use Database and is made available to you under the Local Government Official Information and Meetings Act 1987. The database has been established by the Regional Council for the purpose of performing it's functions under the Resource Management Act 1991.

The database identifies sites where activities have occurred that are known to have the potential to contaminate land and includes sites where further investigation has shown contamination to be present or absent and sites that have been remediated. In the case of sites where hazardous substances have been used, stored, or disposed, further investigation is required to determine whether or not this site is actually contaminated or the degree and extent of any residual contamination. No reliance can, or should be, placed on this information, by any person, as indicating the presence of contaminants on the site.

This information reflects the Councils current understanding of this site. The Wellington Regional Council accepts no liability for any inaccuracy in or omission from, this information. Any person receiving and using this information is bound by the provisions of the Privacy Act 1993.

I hope this fax provides the information you require, please contact me if I can offer further assistance.

Regards

Chris Purchas

Resource Quality Officer

# WELLINGTON REGIONAL COUNCIL

# POTENTIALLY CONTAMINATED SITES - SITE DESCRIPTION

	- OI KEMOURE
Reference: K/9/5/59 Date:	Site Name: Shelly Bay-av
Location:	
Territorial Authority:	
Site Address:	······································
Legal Description:	Map Reference;
Zoning: Previous:	Present: Future:
RMA Consents: Yes   No	(If yes, detail on a separate sheet - consent number and purpose)
Licence: Yes 🗆 No 🗆	Licence Type:
Licence Number:	Issuing Authority:
Other licences: Yes  No	(If yes, detail on a separate sheet)
Owner:	
Name:	
Address;	
Telephone: [ ]	Facsimile: [ ]
Occupier/Operator:	20
<b>N</b> алле:	······································
Address:	
Telephone: [ ]	Facsimile: [ ]
Equipment Owner/Operator:	
Name:	***************************************
Address:	
Telephone: [   1	Facsimile: [ ]
Location of Information: (Source, file numbers, etc)	***************************************
Site Classification: Site Ri	sk: .,,,

If calling please ask for: In reply please quote: Dr J B Richardson

W/5/2/1

[Letters\FasttrkJBR:um]

28 August 1992

Defence Force Headquarters NZ Private Bag WELLINGTON

Dear Sirs

#### ASSESSMENT AND MANAGEMENT OF CONTAMINATED SITES

I am writing to draw your attention to a publication, recently released by the Minister for the Environment, concerning procedures for the assessment and management of contaminated sites. This publication entitled "Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites" has been prepared jointly by the Australian and New Zealand Environmental and Conservation Council and the National Health and Medical Research Council (of Australia).

Of particular interest in the Guidelines are the two appendices, detailing requirements for site assessment reports and subsequent risk characterisation and health appraisal of the data in these reports.

I understand that consideration is being given to decommissioning various underground storage tanks at Shelly Bay. Your co-operation in ensuring that such matters are carried out as per the Guidelines would be appreciated.

Please feel free to contact me for assistance in this regard.

Thank you.

Yours faithfully

J B RICHARDSON for Manager, Consents and Investigations



### FILE NOTE

DATE

15 October 2008

**AUTHOR** 

Paul Sorensen

SUBJECT

Changes to GISMO polygon layer, Shelly bay defence land

FILE NUMBER

SN/05/059/02

The information on file was reviewed to get a better understanding of the location of possible contamination as a result of historical hazardous activities. Before the review the GISMO polygon was only located on Pt LOT 3 DP 3020, which is only a small area.

Most of the information on historical uses at the site comes from a map of the site, which can be found at http://capitaldefence.orconhosting.net.nz/ The map identifies several land uses including a SERCO paint store, fuel supply building, sewage pumping station and shipway/repair yard. This has resulted in three GISMO polygons being created. One includes the fuel supply building, paint store and shipway/repair yard. The other smaller polygon includes Pt LOT 3 DP 3020, which is the commanding officers house. No hazardous activities were identified at this site on the map, but because it was the only previous gismo polygon I have left it there. The other larger polygon includes the munitions store sites and rifle range. A location of the possible munitions stores (red circles) and the location of other hazardous activities can be found below.

It is noted that as at October 2008, there is still no record of any detailed site investigation having taken place.

WGN\_DOCS-#578257-V1



raui Sorensen







PO Box 11646

New Zealand T 04 384 5708

F 04 385 6960 www.gw.govt4

Shed 39 Wellington

### By email

25 January 2019

File No: SN/05/059/02

Sean Freeman ENGEO PO Box 15-307 Tauranga 3112

For: sfreeman@engeo.co.nz

Dear Sean

# Notification of property recorded on the Selected Land Use Register

Thank you for your enquiry on the following property:

Property/site address: 264 Shelly Bay Road, Wellingto City

Legal description: COMMANDING OFFICER'S HOUSE -SHELLY BAY RNZAF BASE

File site number: SN/05/059/02

This letter is to inform you that the property listed above appears on the Greater Wellington Regional Council's Selected Land Use Register (SLUR).

The SLUR is a database of sites that have, or may have, been used for activities and industries from the Hazardo's Activities and Industries List (HAIL) established by the Ministry for the Environment. Further explanation on the HAIL and each of the categories in the SLUR database are provided in the attached factsheet.

The property is included on the SLUR because it is believed to have been, or has been, used for the following hazardous activity or industry listed on the HAIL: Explosives and ordinances production, storage and use - Explosive or ordinance production, maintenance, dismantling, disposal, bulk storage or re-packaging; Chemical manufacture, application and bulk storage - Storage tanks or drums for fuel, chemicals or liquid waste.

The property listed above appears on the SLUR as: Verified History of Hazardous Activity or Industry.

SLUR SITE ENQUIRY, SN-05-059-02.DOCX



A summary of the information and site history currently available on the SLUR is as follows:

This site has been used as an Air-Force base. General military camp facilities including workshops, paint stores, munitions stores, sewage pumping station, a rifle range and a shipway and repai yard were onsite. An underground storage tank was also on site but has since been removed. No tank pull report is held by Greater Wellington. There are unconfirmed notes on file suggesting a landfill on this site, but there is no indication of a location or likely contents if it exists. The site was decommissioned in 1995. Potential contaminants include explosives, lead, copper, antimony, solvents and metale and hydrocarbons. No detailed information is held for this site regarding the level of contamination, if any, that has occurred.

We have derived the above information from the GWRC's SLUR and made it available to you under the Local Government Official Information and Meetings Act 1987. This information reflects the GWRC's current understanding of this site.

Please be aware that the GWRC and its officers employees and agents accept no liability for any inaccuracy in, or omission from, this information or liability for any loss or damage suffered by any person which may directly or indirectly result from any person acting or refraining from acting on this information.

This information has been prepared for the recipient to whom it is addressed and is intended for that recipient's use only. It is not intended to be relied on by any other party.

Yours sincerely

**Kasey Pitt** 

Analyst - Contaminated Land

04 830 4202

kasey.pitt@gw govt nz

Encl: SLUR and HAIL factsheet



# Selected Land Use Register (SLUR) factsheet

Sites that are registered on the Greater Wellington Regional Council's SLUR are known (or suspected) to have been involved (historically or currently) in the use, storage or disposal of substances from one or more hazardous activities/industries identified by the Ministry for the Environment. In some cases the sites on the SLUR will be "contaminated sites" and in others not.

The SLUR classifies sites under six categories:

### Category I – Verified History of Hazardous Activity or Industry

A site classified as "Verified History of Hazardous Activity or Industry" is a site for which a past or present use has been confirmed as falling within one of the definitions on the Hazardous Activities and Industries List (HAIL). Assignment to this category does not imply the si e is contaminated, but merely that hazardous substances have been used, stored or disposed of on the site and therefore there is a potential for site contamination to have occurred

# Category II - Unverified History of Hazardous Activity or Industry

A site classified as "Unverified History of Hazardous Activity or Industry" is a site for which its past or present use is the subject of an unconfirmed report that indicates that it falls within one of the definitions on the HAIL. Assignment to this category does n t imply the site is contaminated, but merely that there is a possibility that hazardous substances have been used, stored or disposed of on the site and site contamination may have occurred. The reports could be from an external source or from a general information search carried out by the GWRC. A site remains under this category until further information is available that the enables it to be transferred to another category.

## Category III - Contamination Confirmed

A site classified as "Con amination Confirm d" is a site where there is evidence that hazardous substances exist ab v b ckground concentrations AND it is a likely that adverse effects on human health (subject to xposure path) or the environment will occur based on the current or foreseeable site use. This cat gory is for sites that the council holds information on, typically as a result of a site investigation that shows contaminants are present on the site at concentrations that exceed relevant guidelines A site remains in this category until it is remediated or managed in such a way that it can be transferred to Category IV.

### Category IV - Contamination Acceptable, Managed/Remediated

A site classified as "Contamination Acceptable, Managed/Remediated" is a site where there is clear evidence that residues of hazardous substances exist above background concentrations BUT the level of risk of adverse effects on human health or the environment is shown to be acceptable for the particular land use. Either the concentrations are below relevant guideline levels OR remedial or management action has been taken to reduce the risks to an acceptable level. Sites may be placed in this category either because an investigation report has been received that shows the site has contaminants present in environmental media but the concentrations are below relevant guideline values, or the site has previously been registered in Category I or III and further investigation or remediation has been undertaken.

LETTER CORPORATE TEMPLATES PAGE 3 OF 4



### Category V - No Identified Contamination

Sites are placed in the "No Identified Contamination" category when an investigation report has been received that demonstrates an absence of contaminants above background concentrations. The investigation will have considered contaminants that could have resulted from the past or present use. Sites would be placed in this category either because the site had not been previously regist red on the SLUR, but an investigation report has been received, or the site had previously been registered as Category I or II and further investigation was undertaken.

### Category VI - Entered on Register in Error

A site classified as "Entered on Register in Error" is a site that has been classified under any other category, but subsequent investigation has found that the site has never been associated with any of the uses on the HAIL and there is no possibility of contamination of the site. This category is used for sites entered onto the SLUR or into the initial registration ateg ry as a result of incorrect information. The site is not removed from the register; it remains on the SLUR to correctly record the site's history. The reasons for the original entry and reasons for the change to this category are recorded

# Hazardous Activities and Industries List (HAIL)

The Hazardous Activities and Industries List (HAIL) is a compilation by the Ministry for the Environment of activities and industries that are considered likely to cause environmental contamination resulting from hazardous substance use, storage or disposal.

The HAIL was last updated in October 2011 and con ains a range of activities/industries, including:

- a) Chemical manufactu e, application and bulk storage
- b) Electrical and electronic works, power generation and transmission
- c) Explosives and ordinances production, storage and use
- d) Metal extr ction, refining and reprocessing, storage and use
- e) Mineral ext action, refining and reprocessing, storage and use
- f) Vehicle refuelling, service and repair
- g) Cemeteries and waste recycling, treatment and disposal
- h) Any land that has been subject to the migration of hazardous substances from adjacent land in sufficient quantity that it could be a risk to human health or the environment
- i) Any other land that has been subject to the intentional or accidental release of a hazardous substance in sufficient quantity that it could be a risk to human health or the environment

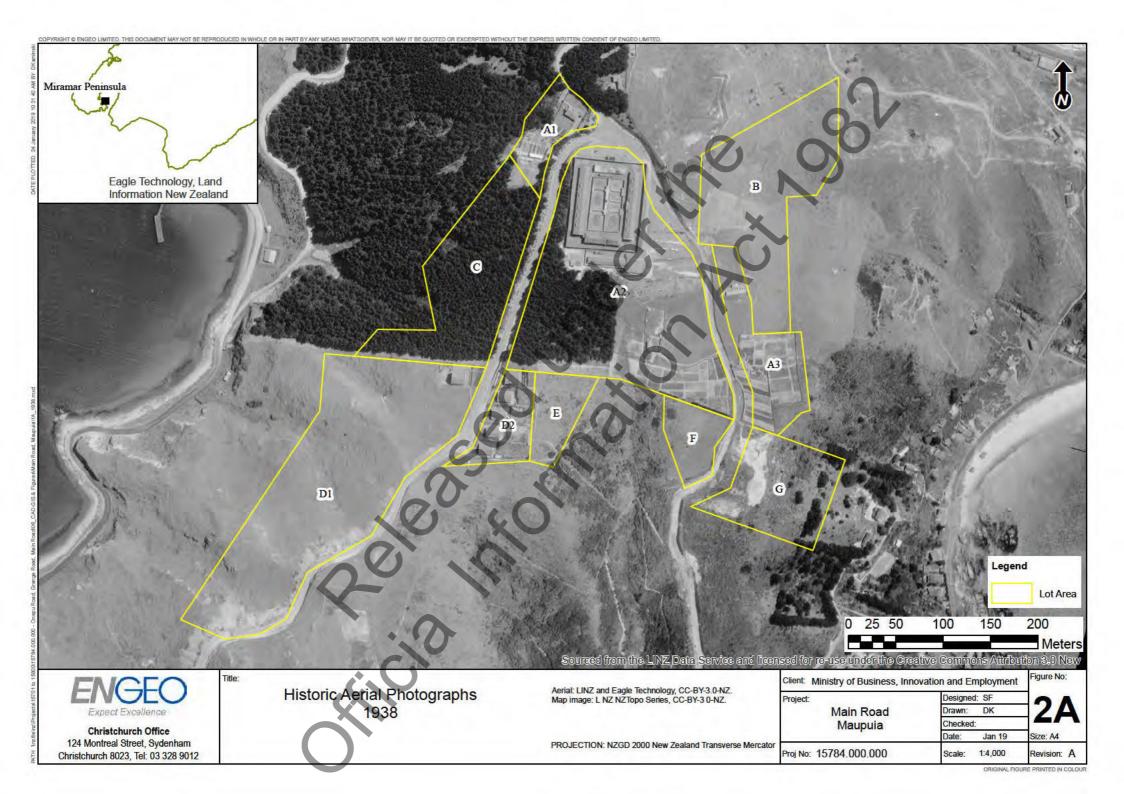
Further information and the full HAIL list is available from:

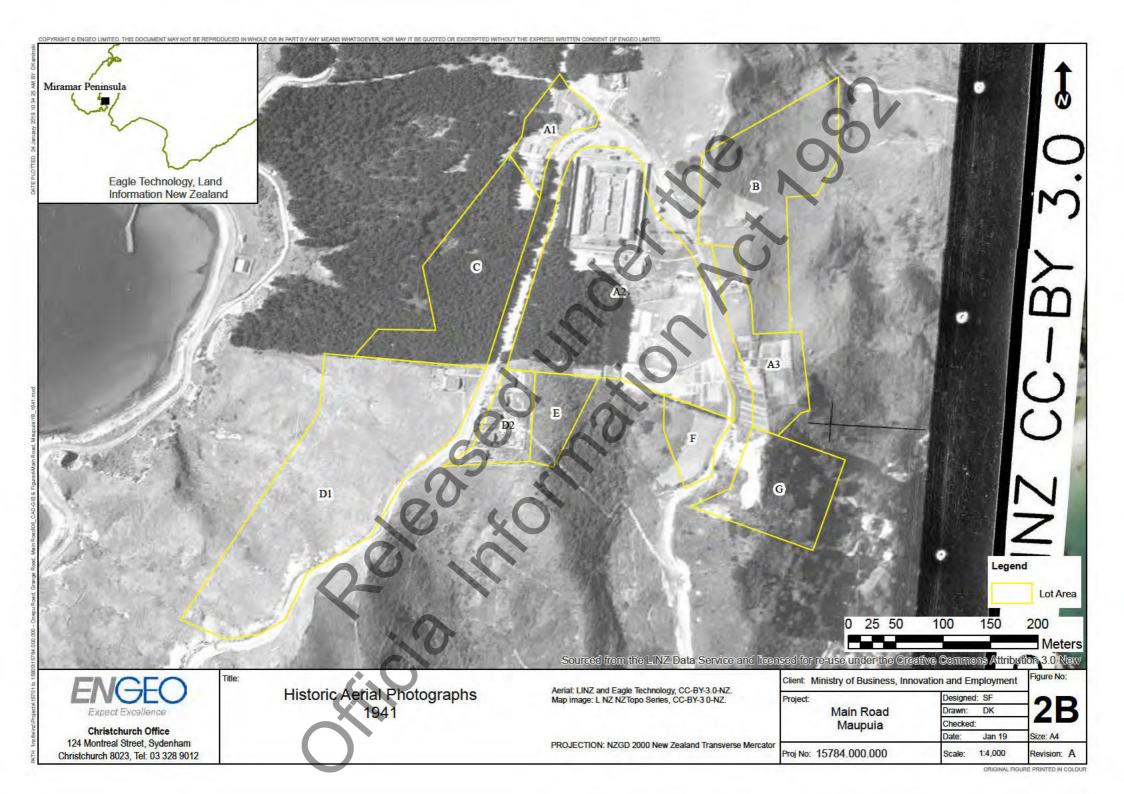
http://www.mfe.govt.nz/issues/managing-environmental-risks/contaminated-land/is-land-contaminated/hail.html

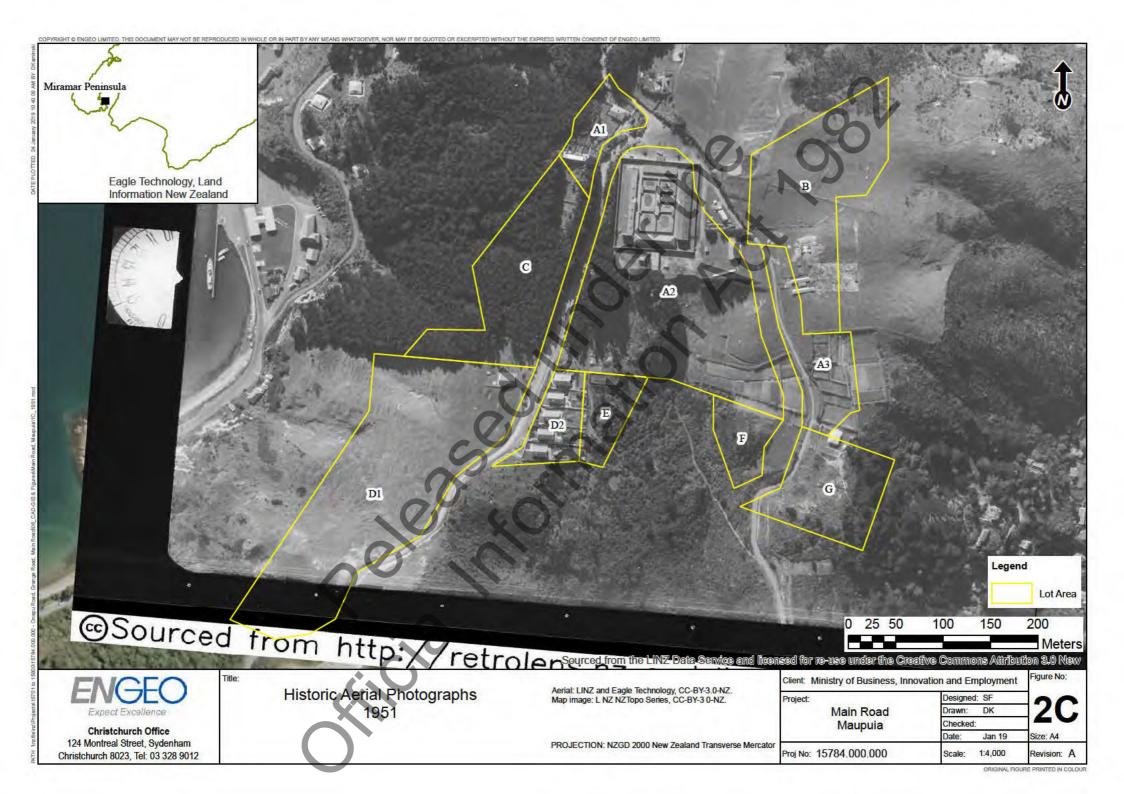
LETTER CORPORATE TEMPLATES PAGE 4 OF 4

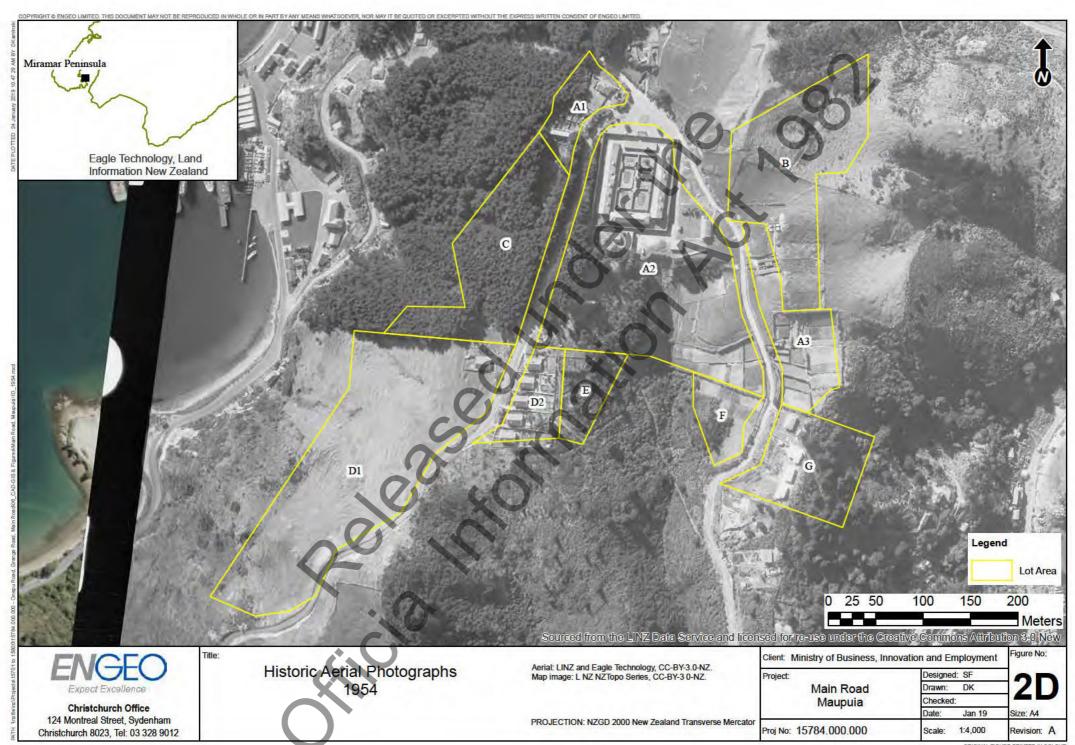


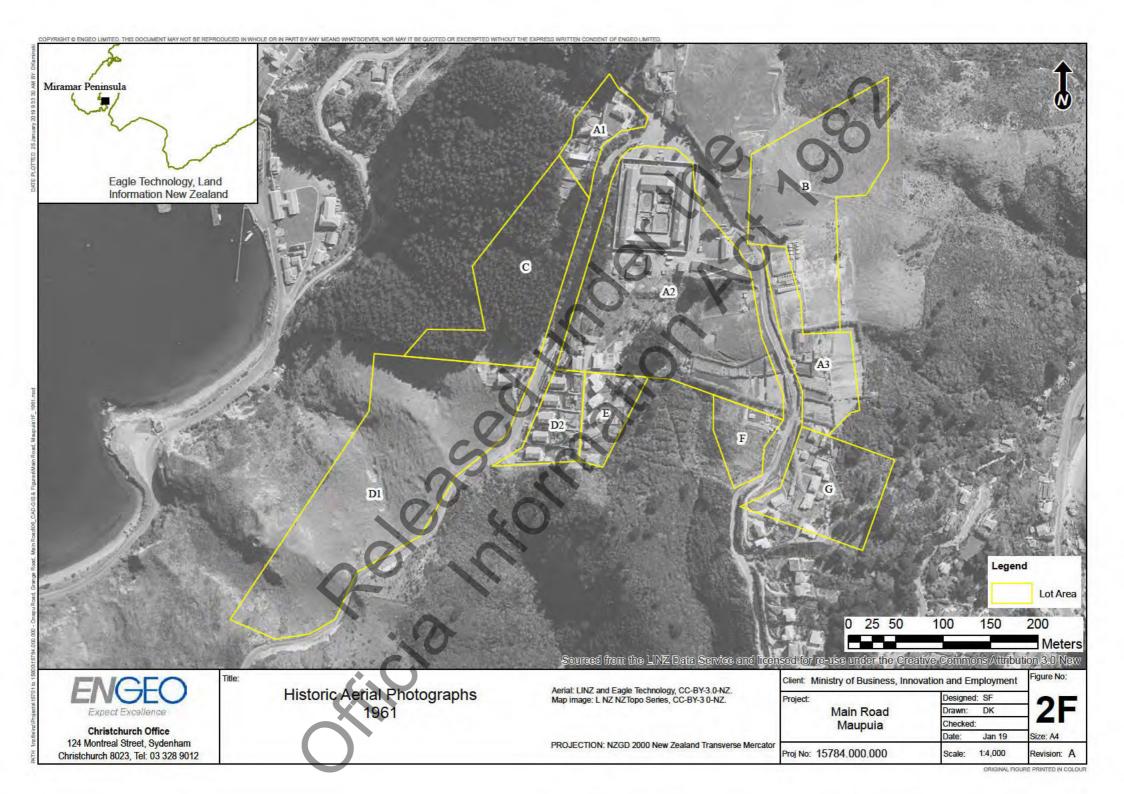


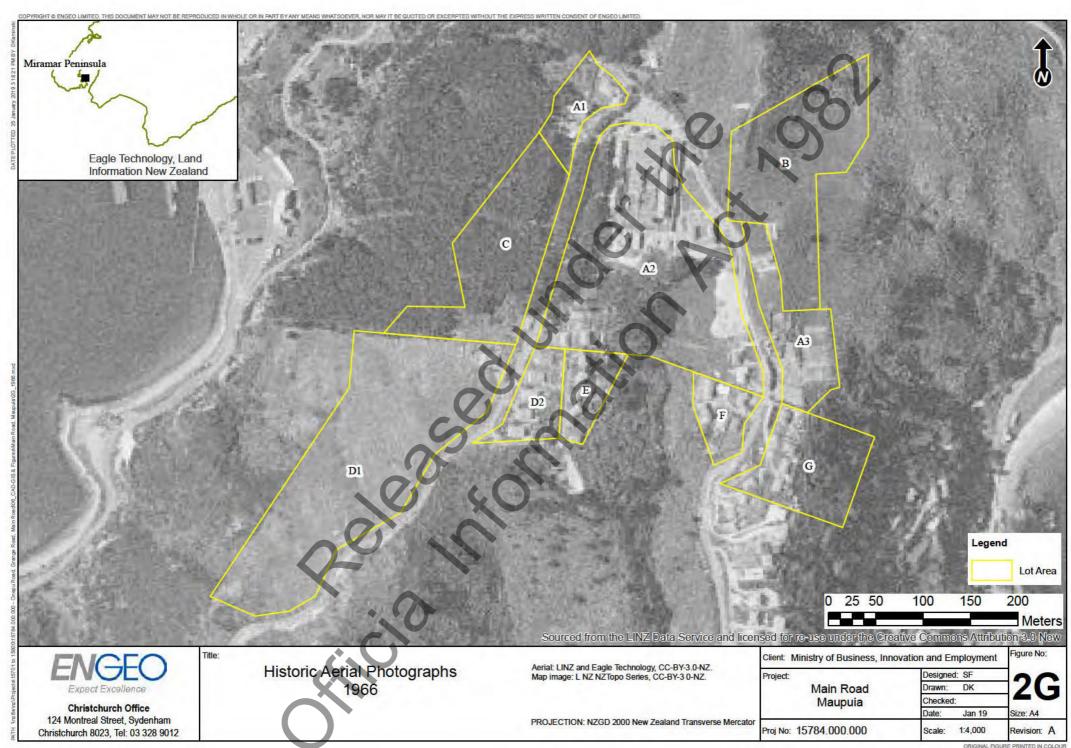


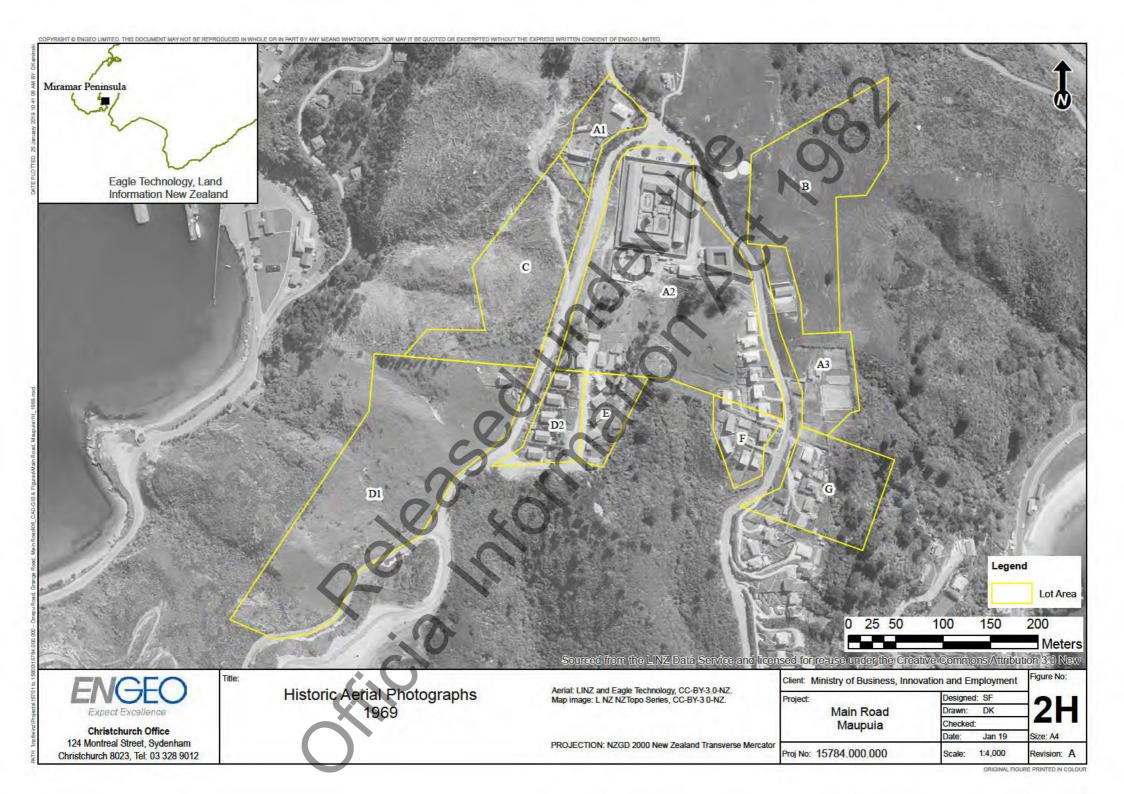


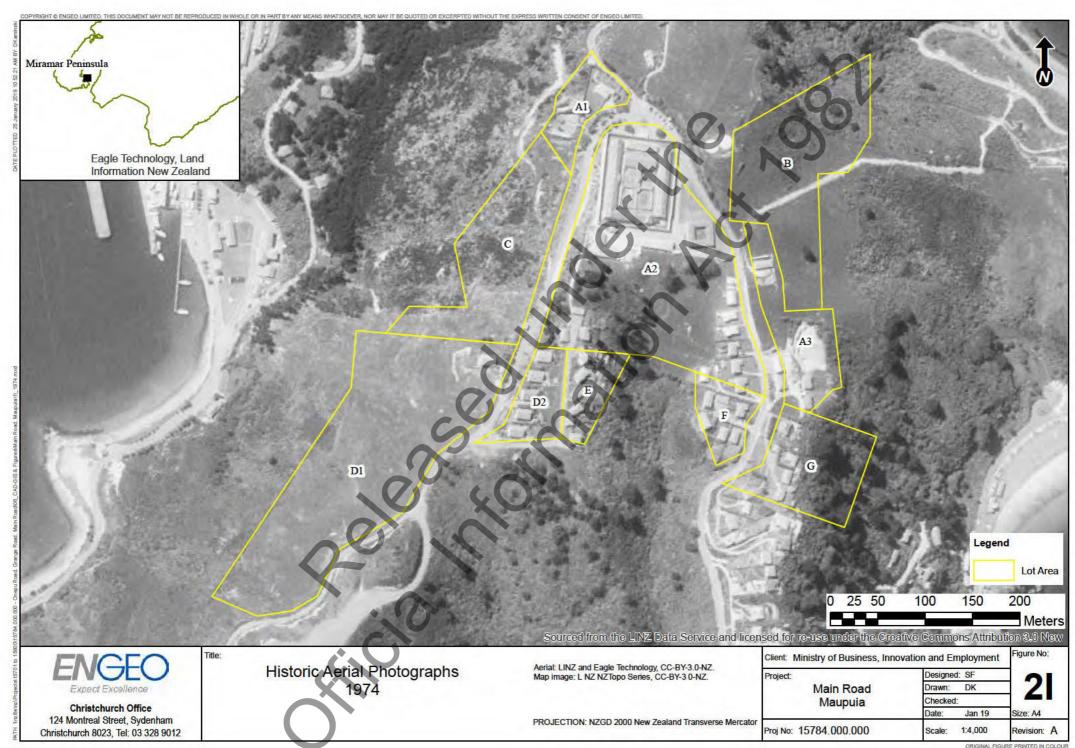


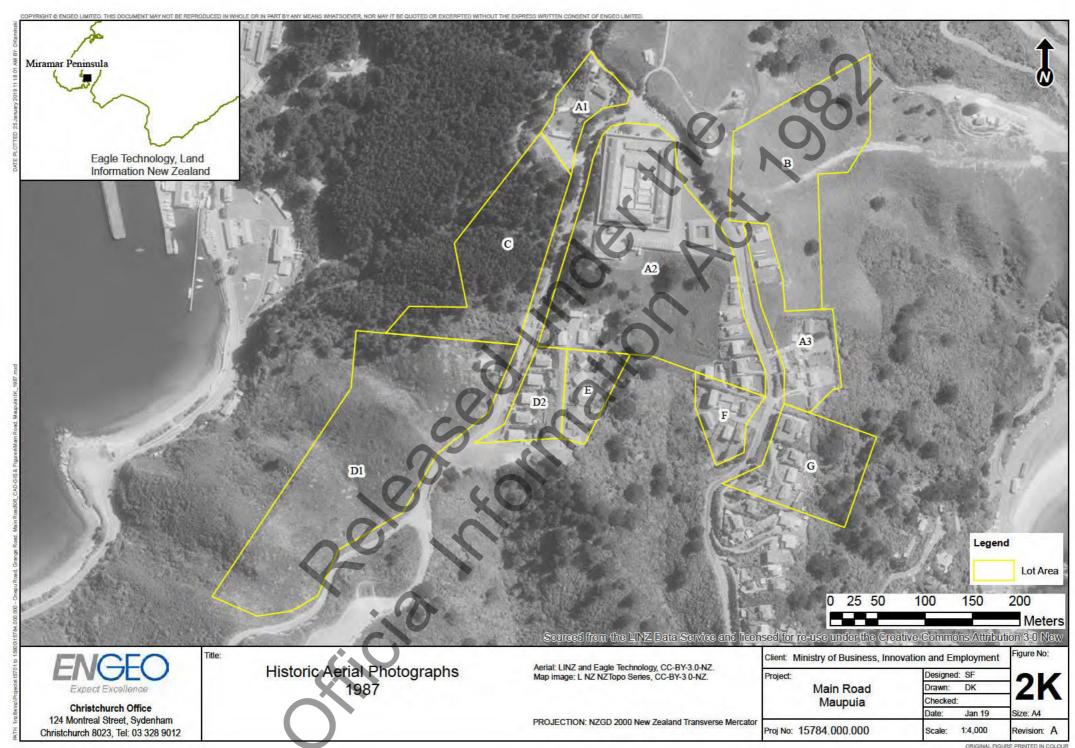


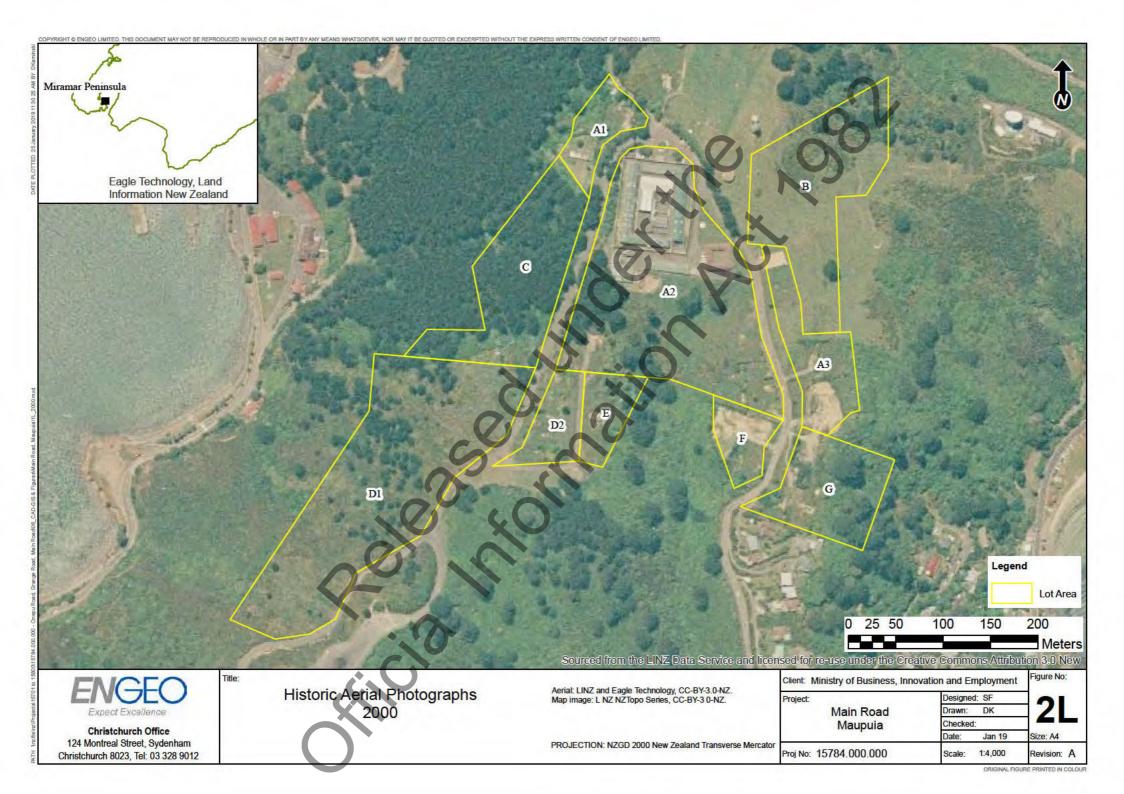


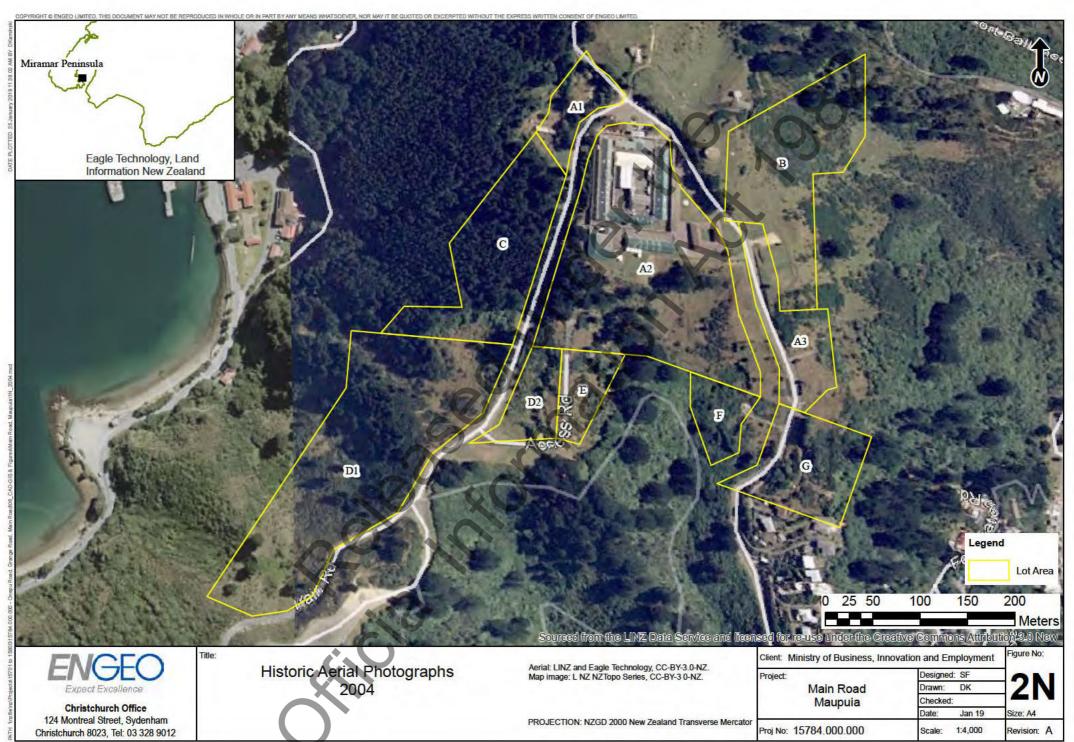




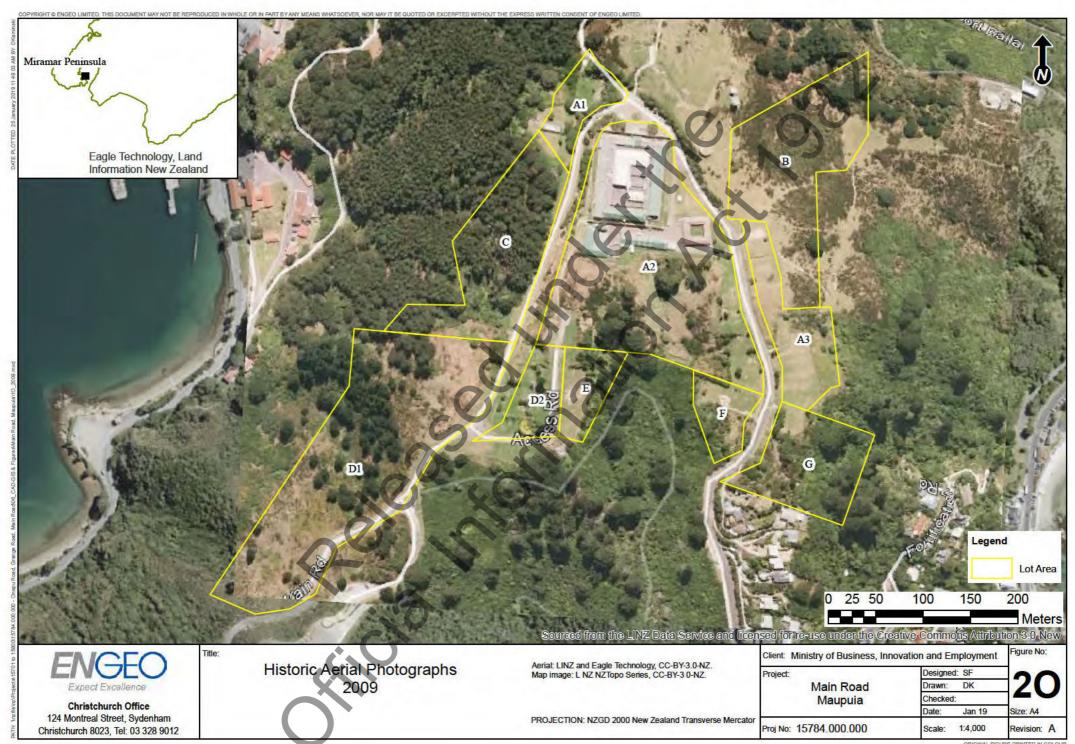








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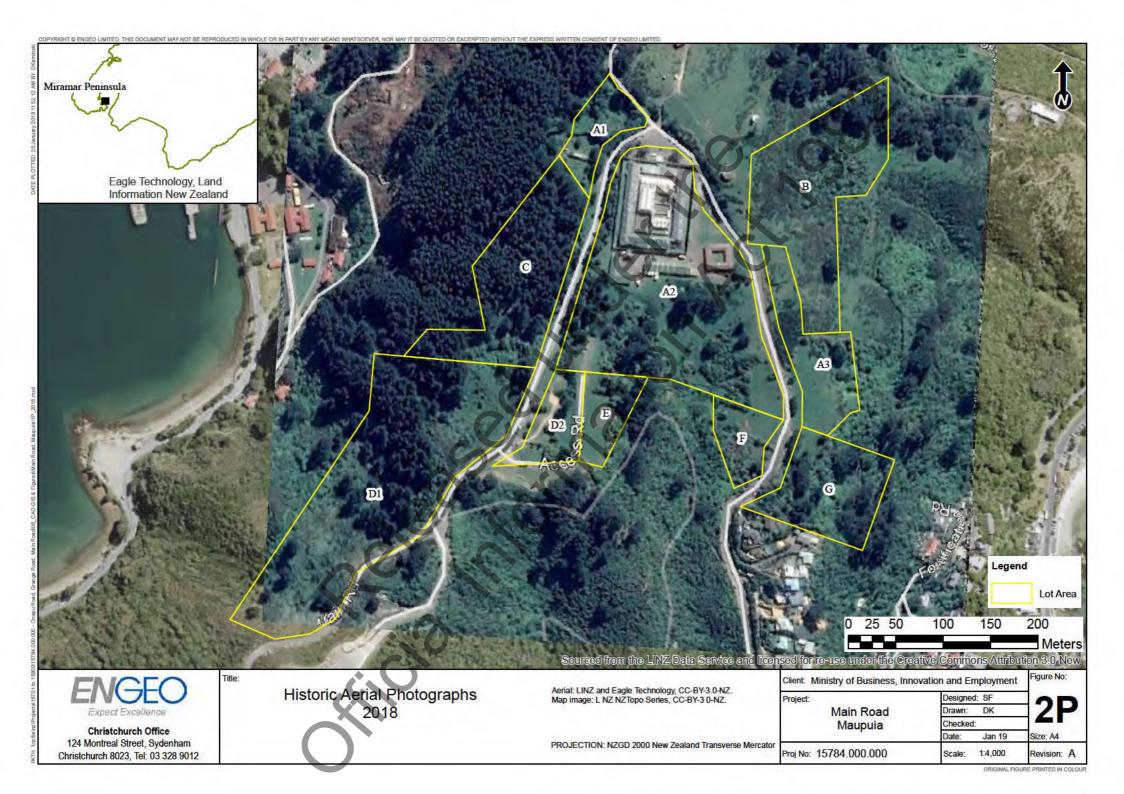












Figure 3A Ac ess road, facing outh east.



Figure 3B: Building material debris in soil in sections surrounding Access Road.







Figure 1C Prison Building e terior



Figure 3D: Water retention tank NE of site.







Figure3E: Retaining wall from removed structure

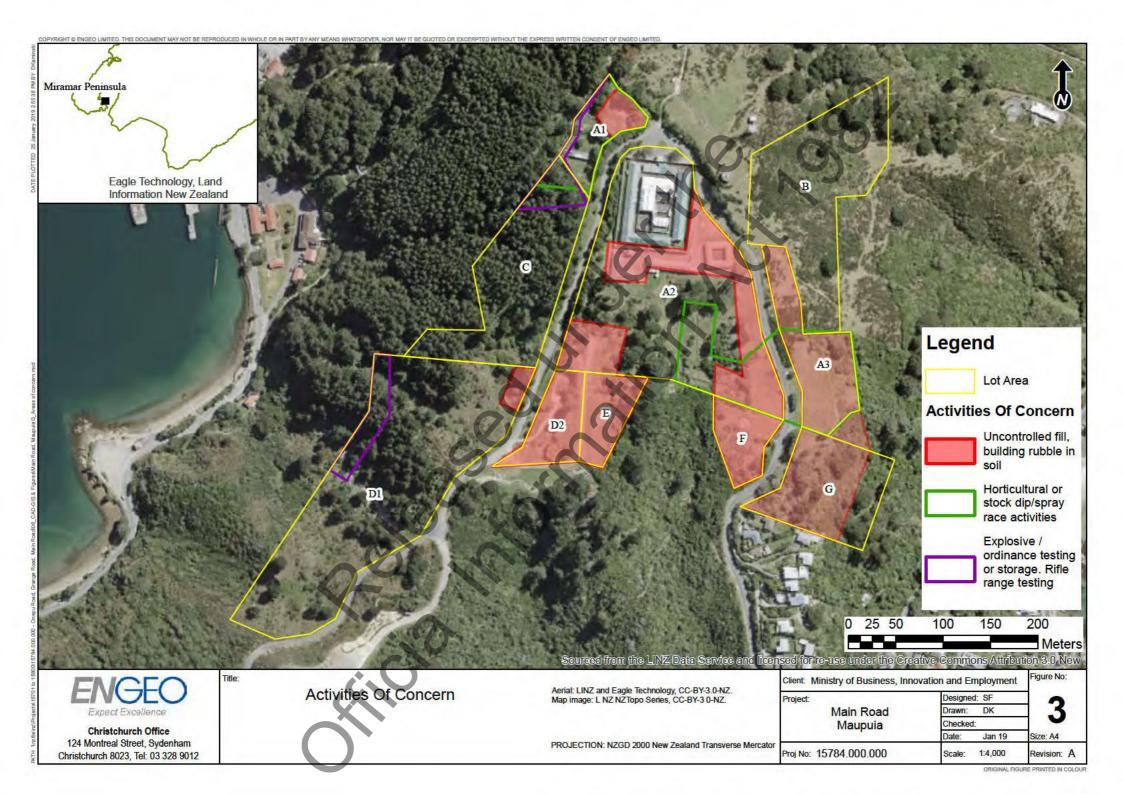


Figure 3F: Nursery building Lot A1









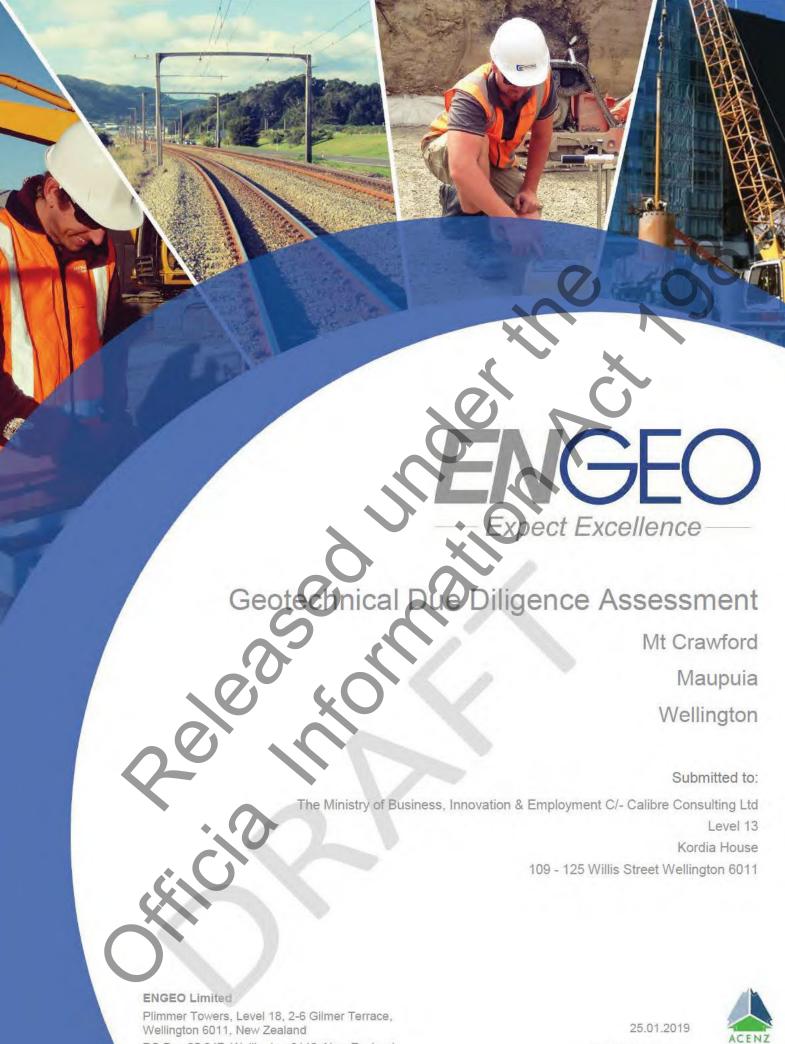


SITE 41 - FORMER MOUNT CRAWFORD PRISON

Appendix D ENGEO Contamination

Desktop Study (PSI) - Draft

THE MINISTRY OF HOUSING AND URBAN DEVELOPMENT



PO Box 25 047, Wellington 6140, New Zealand Tel +64 4 472 0820 Fax +64 4 974 5266 www.engeo.co.nz

15784.000.000 01



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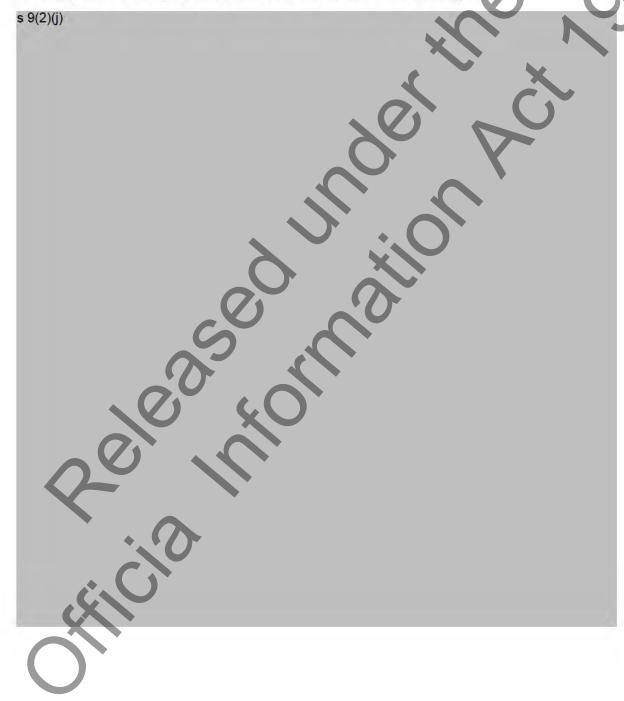
Report Title	Geotechnical Due Diligence Asse	essment - Mt Crawford	d, Maupuia	
Project No.	15784.000.000	Doc ID	01	
Client	The Ministry of Business, Innovation & Employment C/- Calibre Consulting Ltd	Client Contact	Robert Tru	ter
Distribution (PDF)	David Jones, Brett Gawn			
Date	Revision Details/Status	WP	Author	Reviewer
25/01/2019	DRAFT	4	TV	AP



# 1 Executive Summary

This report is a desktop level geotechnical due diligence assessment of the Mt Crawford, Maupuia area as requested by Calibre Consulting on behalf of The Ministry of Building, Innovation and Employment (MBIE). The purpose of the study was to identify any geotechnical constraints on future development of the land and implications on development for a proposed residential subdivision. This includes any risks, issues or assumptions for further consideration and mitigation strategies, where appropriate.

The key points of the desktop study have been summarised in the following items:





### 2 Introduction

ENGEO Ltd was requested by Calibre Consulting on behalf of MBIE as a part of a larger a due diligence assessment of various properties in Mt Crawford, Maupuia, Wellington (shown in Figure 1, and herein referred to as the site). This work has been carried out in accordance with our signed agreement dated 19 December 2018 (P2018.002.254).

We understand that the intended end land use is for a residential subdivision and as such, we have tailored this report to focus on the development issues that may arise with this subdivision.

The purpose of the agreement was to provide due diligence level geotechnical and environmental desktop studies of the sites in order to provide an understanding of the potential subdivision constraints, and geotechnical and environmental risks. This report focuses on the geotechnical aspect of the due diligence assessment and a separate PSI report by ENGEO (Draft, dated 25 January 2019) has been undertaken to address the environmental aspect of the agreement.

Our scope of works includes

- Desktop study of available published geotechnical and geological information relevant to the sites
- Preliminary assessment of likely geotechnical risks and constraints that may affect future site
  development and recommendations for future site investigations that we envisage will be
  required as the project progresses.
- Preparation of a due diligence geotechnical report for the sites, based on the findings of our desktop assessments.

# 3 Site Description

The site is located at Mt Crawford, specifically those areas immediately adjacent and between the sealed Main Road/Nevay Road loop in Maupuia (highlighted in Figure 1). The site is comprised of multiple land parcels around the Mt Crawford area. The land slopes steeply upwards towards Mt Crawford prison and includes a combination of flat and undulating land, cut sites and retaining walls. The site is largely empty of infrastructure with the large prison complex to the north of the development area. Some small derelict buildings remain within the heavy vegetation across the site. Farming sections to the east and west of the development area are clear of heavy vegetation.

The site been subject to earthworks and construction in the past to form buildings towards its centre, and have been subsequently demolished, fill material is expected within the shallow soils in these areas.

Site ID (provided by the client): 4011

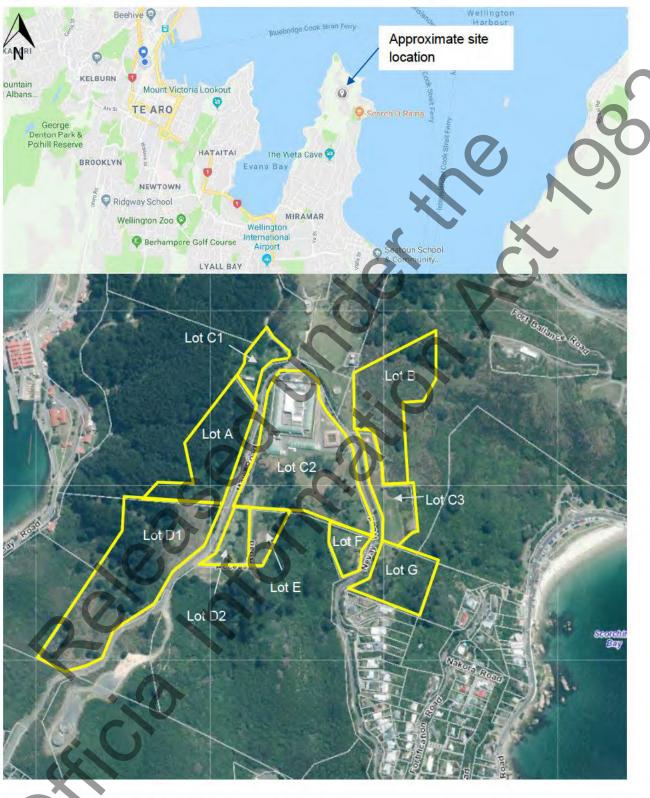
Site name: Mount Crawford Prison

Address: Main Road, Maupuia

For simplicity ENGEO have given each section a Lot identifier for reference in this report. Please refer to Table 1 and Figure 1 for the site references.



Figure 1: Site and Lot Location Plan



Images sourced from Google Maps and Wellington Web Map Viewer



Table 1: Individual Lot Summary

ENGEO Id	entifier	CFR Registration / Parcel ID	Address (as per WCC GIS database)	Legal Description (as per GWRC database)	Size (m² - as datal	s per GWR base)
Lot A		6597396	-	Pt Sec 2 Watts Peninsula District	Size of Land Parcel not available	
Lot B		6597394	-	Pt Sec 3 DISTRICT Watts Peninsula	Size of Land Parcel not available	
	1		-	Section 7 SO 477035 id: 7550274	4,822	9
Lot C	2	760898	4	Section 4 SO 477035 id: 7550271	38,879	52,344
	3	3	-	Section 6 SO 477035 Id: 7550273	8,643	
Lot D	1		7 Main Road Mt Crawford,	Sec 1 SO 477035	39,429	44,182
	2	760697	760897 Crawford, Maupuia	Sec 3 SO 477035	4,753	44,102
Lot I		WN46B/927	6 Main Road Mt Crawford, Maupuia	PT LOT 1 DP 4741 - WELLINGTON PRISON	5,0	084
Lot		WN46B/926	209 Nevay Road, Maupuia	SEC 1 SO 24508 PT LOT 1 DP 4741 - WELLINGTON PRISON - SUBJ TO ESMT DP 455321	4,5	527
Lot	3	WN46B/923	212 Nevay Road, Karaka Bays	PT LOT 4 BLK XII DP 858 - WELLINGTON PRISON	10,	901

# 3.1 Historic Aerial Photography

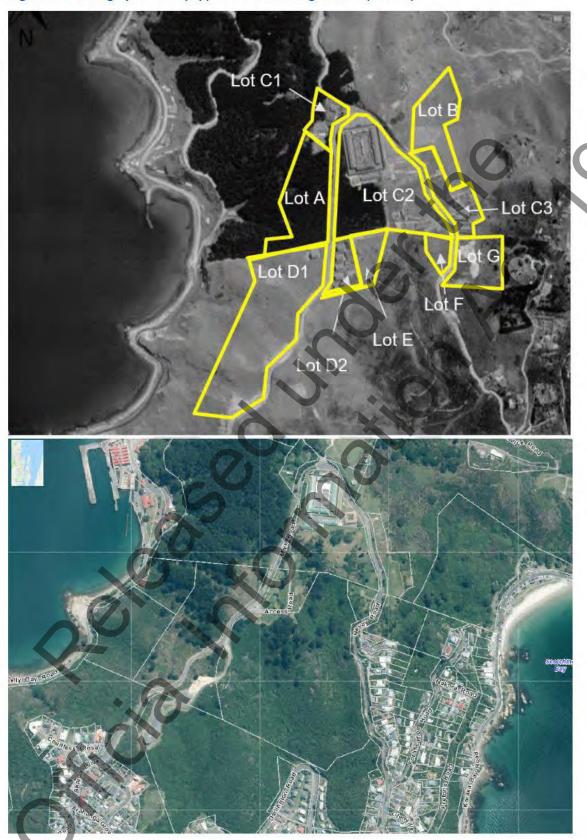
We have reviewed historical aerial photographs from Wellington Council Geomaps dating back to 1938 and Google Earth imagery. The photographs were viewed under the context of identifying changes to the landform. We have summarised our findings below (sourced from Retrolens, not to scale).

Figure 2 shows an aerial photo from 1938. When this is compared with the most recent satellite imaging in Figure 1, it is evident that few changes have occurred. These include:

- Increased vegetation cover over all lots except Lot C2, which has had vegetation removed from the southwest corner.
- Removal of buildings on Lots C1, C2, C3 and D2.
- Addition of buildings on C2.
- Logging activities have occurred around 1969 within Lot A.



Figure 2: Photograph – 1938 (top) and Satellite Image – 2018 (bottom)



Photographs retrieved from retrolense.co.nz and GWR web maps



# 4 Background Information

#### 4.1 Published Geology

GNS (Institute of Geological and Nuclear Sciences) map the site as being underlain by Triassic age Torlesse Supergroup, Rakaia terrane, grey sandstone-mudstone sequences and poorly bedded sandstone (Greywacke) and siltstone / mudstone (Argillite) sequences.

#### 4.2 Regional Seismic Hazard

The Wellington Regional Council Hazard maps for the site area indicate a "moderate" combined earthquake hazard rating. This is derived from the parameters set out in Table 2 and includes the hazard map sections in Figure 3 and Figure 4.

Table 2: Mt Crawford Maupuia Geohazards

Rating
Figure 3
Figure 4
None

Figure 3 shows the combined earthquake hazard map, which is a compilation of all "combined earthquake hazard" coverages in major urban areas of Wellington Region. The coverages represent overlays of all previous earthquake hazard data:

- i. 20 m buffer along major fault traces
- ii. Ground shaking
- iii. Liquefaction potential
- iv. Slope failure



Lot C1

Lot C1

Lot C2

Lot D1

Lot E

Lot B

1 low
2 low-mod
3 moderate
4 mod-high
5 high

Lot C2

Lot D1

Lot C3

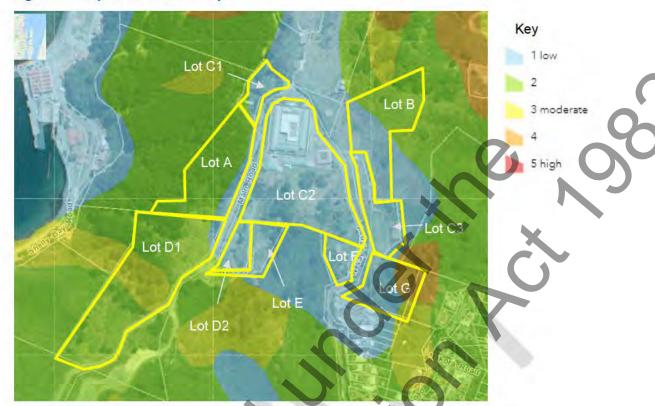
Figure 3: Combined Earthquake Hazard Rating Map

Images sourced from Wellington Web Map Viewer

With regards to this site, the main cause for the 'high' ratings on Figure 3 are the earthquake induced slope failure susceptibility zones, which are shown in Figure 4.



Figure 4: Slope Failure Hazard Map



Images sourced from Wellington Web Map Viewe

Areas in Lots D1 and G have moderate to high slope instability and a high combined earthquake hazard rating. A review of the contour maps indicate that the slopes along the western Lots A, C1 and D1 could be up to 45 degrees from horizontal. It should be noted that the maps are regional in nature and the hazard potentials indicated on the maps do not necessarily apply to any specific site.

The site is not within the mapped zone by the Greater Wellington Regional Council for either potential flooding hazard or likelihood of tsunami inundation.

#### 4.3 Faults

Reference to the GNS New Zealand Active Faults Database indicates that the site is located within 20 km of seven active faults:

- 1. Evans Bay Fault: Approximately 1.3 km west of the site
- 2. Somes Island Fault, Approximately 3.5 km northeast of the site.
- 3. Wellington Fault: Approximately 4.9 km northwest of the site.
- 4. Ohariu Fault: Approximately 9.3 km northwest of the site.
- 5. Moonshine Fault: Approximately 10.4 km north of the site.
- 6. Whitemans Valley Fault: Approximately 10.8 km to the northeast of the site.
- 7. Shepherds Gully Fault: Approximately 12.7 km northwest of the site.
- 8. Wairarapa Fault: Approximately 16.0 km to the east of the site.



#### 4.3.1 The Wellington Fault

The Wellington Fault is a steeply dipping to sub-vertical, dextral strike-slip fault, generally up-thrown on its western side, however the greater part of its movement is horizontal (Begg and Mazengarb, 1996). In the project area, the Greywacke/ Argillite bedding and the Wellington Fault orientation are sub-parallel, striking approximately NE-SW (Perrin, 2004).

The recurrence interval on this fault is less than 2,000 years. Latest reports indicate that there is currently a 10% chance of a >M7 earthquake being generated by a rupture of the Wellington Fault in the next 100 years.

#### 4.4 New Zealand Geotechnical Database (NZGD)

The NZGD does not contain any previous investigations in the site area.

#### 4.4.1 Assumption of Subsurface Conditions

Based on previous experience in the Wellington region, the mapped geology and previous investigations in northern Miramar, s 9(2)(i)

### 5 Previous Geotechnical Publications

No geotechnical publications or reports have been retrieved which directly relate to the site. The historical records will be received within the following week and the report will be issued as final following appropriate amendments.

# 6 Geohazards and Preliminary Geotechnical Assessment

#### 6.1 Soil Classification

We consider the soil classification in line with NZS 1170.5:2004 will likely vary between Class B and Class C across the site area. This classification should be confirmed with site-specific exploration data.

#### 6.2 Seismic Hazards

Potential seismic hazards resulting from nearby moderate to major earthquakes can generally be classified as primary and secondary. The primary effect is ground rupture, also called surface faulting. The common secondary seismic hazards include ground shaking, soil liquefaction and lateral spreading, landslides, regional subsidence or uplift, tsunamis, flooding, or seiches.

The following sections present a discussion of seismic hazards as they apply to the site.



#### 6.2.1 Primary Fault Hazard

As previously discussed, there are no known active faults located within the site area. The closest mapped fault is the Evans Bay Fault, located approximately 1.3 km west of the site. Based on our review of the GNS New Zealand Active Fault Database § 9(2)(j)

#### 6.2.2 Secondary Seismic Hazards

Based on topographic and lithologic data, risk from earthquake-induced regional subsidence / uplift, flooding, tsunamis and seiches are considered negligible at the site.

#### 6.2.3 Ground Shaking

As the proposed development is a residential subdivision, we assume that the buildings will be designed as Importance Level 2 structures.

According to NZS 1170.5:2004, Importance Level 2 buildings are required to be designed to resist earthquake shaking with an annual probability of exceedance of 1/500 (i.e. a 500 year return period). This is the ultimate limit state (ULS) design seismic loading. Structures are expected to retain their structural integrity during the ULS earthquake, and not collapse or endanger life.

Furthermore, Importance Level 2 buildings should sustain little or no structural damage under a serviceability limit state (SLS) design load case, which is based on earthquake shaking with a 25 year return period.

Peak horizontal ground accelerations (amax) have preliminarily been calculated in accordance with MBIE / NZGS Module 1 (2016) using the following formula:

$$a_{\text{max}} = C_{0,1000} R f g / 1.3$$

Thus 
$$a_{max} = 0.17 \times 1.0 \times 1.0 \text{ g} / 1.3 = 0.34 \text{ g for ULS}$$

$$= 0.17 \times 0.25 \times 1.0 \text{ g} / 1.3 = 0.08 \text{ g for SLS}$$

The effective earthquake magnitude Mw can be taken as:

This will need to be calculated specifically for the site following onsite testing.

#### 6.2.4 Liquefaction and Lateral Spreading

Soil liquefaction results from loss of strength during cyclic loading, such as imposed by earthquakes. Soils most susceptible to liquefaction are clean, loose, saturated, uniformly graded fine-grained sands. § 9(2)(i)



The regional maps indicate that there is no liquefaction potential at this site and based off the likely subsurface conditions the risk of liquefiable material is very low at this site. s 9(2)(i)

# 7 Slope Stability

Based on the mapped site topography and our experience with the published subsurface materials, we do not consider slope instability (both shallow soil creep and global instability) to be a significant geotechnical concern for the middle section C of the site and the flat areas.

However, gentle to steep slopes are mapped near and within the western boundary of Lots D1, A, C1 and D dipping west. Lots B, C3, F and G have moderate to steep slopes dipping east. As shown in Figure 5, historic land instability is observed which has also been observed in other aerial photography for this site. Also it is known that there are existing cuts into rock and insitu rock outcrops on site.

Figure 5: Photograph from 1969 Showing Historic Instability



Image retrieved from retrolense.co.nz

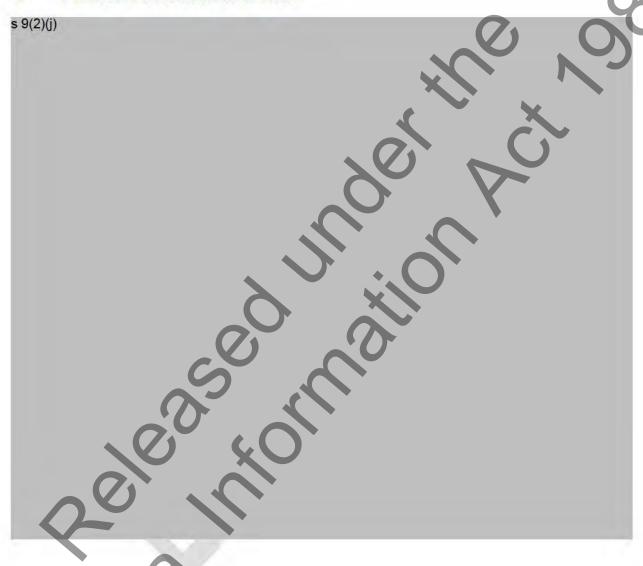


#### 7.1 Erosion

Large scale logging and earthworks can cause erosion and create significant amounts of windblown dust if not properly managed. s 9(2)(j)

Any earthworks or logging exercises should have appropriate management strategies in place to mitigate the impact of this.

# 8 Further Geotechnical Works





### 9 Limitations

- v. We have prepared this report in accordance with the brief as provided. This report has been prepared for the use of our client, their professional advisers and the relevant Territorial Authorities in relation to the specified project brief described in this report. No liability is accepted for the use of any part of the report for any other purpose or by any other person or entity.
- vi. The recommendations in this report are based on the ground conditions indicated from published sources, site assessments and subsurface investigations described in this report based on accepted normal methods of site investigations. Only a limited amount of information has been collected to meet the specific financial and technical requirements of the client's brief and this report does not purport to completely describe all the site characteristics and properties. The nature and continuity of the ground between test locations has been inferred using experience and judgement and it should be appreciated that actual conditions could vary from the assumed model.
- vii. Subsurface conditions relevant to construction works should be assessed by contractors who can make their own interpretation of the factual data provided. They should perform any additional tests as necessary for their own purposes.
- viii. This Limitation should be read in conjunction with the Engineers NZ/ACENZ Standard Terms of Engagement.
- ix. This report is not to be reproduced either wholly or in part without our prior written permission.

We trust that this information meets your current requirements. Please do not hesitate to contact the undersigned on (04) 472 0820 if you require any further information.

Report prepared by

Report reviewed by

Tom Vollebregt

**Engineering Geologist** 

Karen Jones, CEnvP

Associate Engineering Geologist

Ana Pereira, CMEngNZ (CPEng)

Senior Geotechnical Engineer







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