

**LIM Disclaimer**

This LIM Report has been obtained by the Vendor and copies have been made available to prospective purchasers and interested parties for general information purposes only. However neither the Vendor nor RE/MAX Realty Group, Northern Properties Limited, warrant the accuracy of this copy and they accept no liabilities for any errors or omissions in the report. It is recommended to all prospective purchasers and interested parties that they obtain and rely on their own LIM reports and make their own independent enquiries for due diligence purposes.

Northern Properties Limited  
C/- Lance Kells  
39 Whitby Crescent  
Mairangi Bay  
AUCKLAND 0630



---

<b>Applicant</b>	Northern Properties Limited
<b>LIM address</b>	132 Robinson Road Coatesville 0793
<b>Application number</b>	8270311272
<b>Customer Reference</b>	Lawson & Zambucka Limited
<b>Date issued</b>	5-May-2021
<b>Legal Description</b>	Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864
<b>Certificates of title</b>	NA70B/15

---

**Disclaimer**

This Land Information Memorandum (LIM) has been prepared for the applicant for the purpose of section 44A of the Local Government Official Information and Meetings Act 1987.

The LIM includes information which:

- Must be included pursuant to section 44A of the Local Government Official Information and Meetings Act 1987
- Council at its discretion considers should be included because it relates to land
- Is considered to be relevant and reliable

This LIM does not include other information:

- Held by council that is not required to be included
- Relating to the land which is unknown to the council
- Held by other organisations which also hold land information

Council has not carried out an inspection of the land and/or buildings for the purpose of preparing this LIM. Council records may not show illegal or unauthorised building or works on the land.

The applicant is solely responsible for ensuring that the land or any building on the land is suitable for a particular purpose and for sourcing other information held by the council or other bodies. In addition, the applicant should check the Certificate of Title as it might also contain obligations relating to the land.

The text and attachments of this document should be considered together.

This Land Information Memorandum is valid as at the date of issue only.

## s44A(2)(a) Information identifying any special feature or characteristics of the land

This information should not be regarded as a full analysis of the site features of this land, as there may be features that the Council is unaware of. The applicant is solely responsible for ensuring that the land is suitable for a particular purpose including development.

### Site Contamination

No land contamination data are available in Council's regulatory records.

### Wind Zones

Wind Zone(s) for this property: Unknown or unassessed wind zone

The wind zones are based on wind speed data specific to all building sites as outlined in NZS 3604:2011. Other factors such as topographic classes, site exposure and ground roughness determine the actual wind bracing demands and bracing elements required for the building. For further information refer to NZS 3604:2011 Section 5 — Bracing Design

### Soil Issues

The Auckland Council is not aware of any soil issues in relation to this land. If any soil information/reports have been prepared in relation to this property, they will be available for viewing at an Auckland Council Service Centre or via the property file product services.

### Flooding

This statement entitled "Flooding" appears on all LIMs.

Known flooding information is displayed on the map attached to this LIM entitled "Special Land Features – Natural Hazards - Flooding".

The information shown in the "Special Land Features - Natural Hazards - Flooding" map is also shown on the Auckland Council online map viewer (Geomaps), at [www.aucklandcouncil.govt.nz](http://www.aucklandcouncil.govt.nz), which is updated from time to time.

Any proposed development may require a flooding assessment to be provided by the applicant.

The absence of flooding on the "Special Land Features - Natural Hazards - Flooding" map does not exclude the possibility of the site flooding, particularly from Overland Flow Paths which may be on other properties.

### Flood Plain

This site (property parcel) spatially intersects with a Flood Plain, as displayed on the map attached to this LIM entitled "Special Land Features - Natural Hazards - Flooding", and may flood during significant rainfall events.

Flood Plains represent the predicted area of land inundated by runoff from a 1% Annual Exceedance Probability (AEP) magnitude event, often referred to as a '1 in 100-year event'.

Flood Plains are generally determined by computer based hydrological and hydraulic modelling.

The Auckland Unitary Plan contains policies and rules relating to development and/or works within or adjacent to Flood Plains.

Note: The terms "Flood Plain" and "Floodplain" are used interchangeably.

### **Flood Prone Area**

This site (property parcel) spatially intersects with a Flood Prone Area, as displayed on the map attached to this LIM entitled "Special Land Features – Natural Hazards - Flooding".

Flood Prone Areas represent depressions in the terrain with no natural outlet. The frequency of flooding within the Flood Prone Area is dependent on the upstream catchment area, the amount of rainfall and the outlet capacity.

Flood Prone Areas are determined from analysis of a Digital Terrain Model (DTM).

Any development within a Flood Prone Area may require a risk assessment.

### **Overland Flow Path**

This site (property parcel) spatially intersects with one or more Overland Flow Paths, as displayed on the map attached to this LIM entitled "Special Land Features – Natural Hazards - Flooding".

Overland Flow Paths are lines representing the predicted route of overland flow, based on analysis of a Digital Terrain Model (derived from aerial laser survey). Overland Flow Paths do not show the width or extent of flow.

Overland Flow Paths are based solely on the terrain and are indicative only.

Overland Flow Paths may flood depending on the amount of rain.

The Auckland Unitary Plan contains policies and rules relating to development and/or works within or adjacent to Overland Flow Paths.

Note: The terms "Flow Path" and "Flowpath" are used interchangeably.

### **Exposure Zones**

New Zealand Standard 3604:2011E classifies all properties in New Zealand into zones based on environmental features including wind, earthquake, snow load and exposure. These zones are relevant to building requirements, such as strength of buildings, materials that should be used and maintenance. All building sites are classified as being in Exposure Zones Extreme Sea Spray, B, C, or D, depending on the severity of exposure to wind driven salt.

This property is classified as: Unknown or Unassessed Corrosion Zone

Unknown or unassessed - No known information is available relating to these sites. Recommended that specific sites and/or product designed and to consult suppliers information for specific durability requirements.

## s44A(2)(b) Information on private and public stormwater and sewerage drains

Information on private and public stormwater and sewerage drains is shown on the [underground services map](#) attached.

Note: Private drainage is the responsibility of the land owner up to and including the point of connection to the public sewer or drain.

## s44(2)(ba) Information notified to Council by a drinking water supplier under Section 69ZH of the Health Act 1956

Prospective purchasers should be aware of other drinking water systems connected to this property. There may also be private drinking water supply systems such as rainwater tanks or private water bores. You are advised to clarify the drinking water supply with the current landowner.

No Information has been notified to Council.

## s44A(2)(bb) Information Council holds regarding drinking water supply to the land

For metered water information, please contact **Watercare (09) 442 2222** for services provided to this property.

## s44A(2)(c) Information relating to any rates owing in relation to the land

<b>Billing Number/ Rate Account:</b>	12340000976
<b>Rates levied for the Year 2020/2021 :</b>	\$5,566.24
<b>Total rates to clear for the current year (including any arrears and postponed rates):</b>	\$1,391.56

The rates figures are provided as at 8 a.m. 05/05/2021. It is strongly advised these are not used for settlement purposes.

---

### Retrofit Your Home Programme

---

The Retrofit Your Home programme provides financial assistance, advice and information to householders wanting to create an improved home environment.

The scheme contributes to the achievement of the Air Quality National Environmental Standards encouraging the installation of clean heat and insulation in homes as well as supporting access to central government grants and subsidies. The programme offers homeowners a retrofit plan for their homes and financial assistance up to \$5000 repaid through a targeted rate.

 Auckland Council (09) 890 7898 if you require further information

 [retrofit@aucklandcouncil.govt.nz](mailto:retrofit@aucklandcouncil.govt.nz)

**s44A(2)(d) Consents, Certificates, Notices, Orders or Requisitions affecting the land or any buildings on the land(da) the information required to be provided to a territorial authority under section 362T(2) of the Building Act 2004:s44A and (2)(e) Information concerning any Certificate issued by a Building Certifier pursuant to the Building Act 1991 or the Building Act 2004**

Note: if the land is part of a cross lease title or unit title, consents and permits for the other flats or units may be included in this LIM. If the land has been subdivided there may be consents and permits included that relate to the original property.

It is recommended that the full property file is viewed and compared with the actual building and activities on the land to identify any illegal or unauthorised building works or activities.

### Financial / development contributions

Financial and development contributions are relevant for recently subdivided land, vacant lots, new residential unit(s) or where there is further development of a site. If any financial or development contribution has not been paid, Council can recover outstanding amount(s) from a subsequent owner of the land.

Please note that financial contributions and development contributions may be paid in land, cash or a combination of these. The form of payment of contributions may be subject to negotiation but final discretion remains with the Council.

### Resource Management

#### Planning

132 Robinson Road Coatesville 0793

Application No.	Description	Decision	Decision Date
TPA-752315	Sports Target Shooting Facility and Preserved Environment Area	Completed	
TPA-750315	Winning and Processing of Metal	Granted	10/06/1976
TPA-15079	Lots 1 - 4 Being a Subdivision of Sec 103 Paremoremo Parish & Lot 1 DP 120864	Granted	27/09/1990
20234	Water Consent Runoff diversion channels will be necessary immediately upstream of active work areas to divert clean water to the nearest water course. Lot 1 DP120864 and PT103 SO11171	Granted (Ongoing Monitoring)	22/06/1998
21324	Land Use - Stream Consent	Granted (Ongoing Monitoring)	22/06/1998
LAN-24868	Land Use Consent Resource Consent to discharge contaminants to air	Granted	08/07/1999
26919	Change of Condition (s127) To authorise to continue quarrying and associated earthworks at Coatesville Quarry located 132 Robinson Road, Coatesville.	Granted	21/08/2002

Application No.	Description	Decision	Decision Date
38779	Land Use Consent Coatesville Cleanfill - To continue quarrying and associated earthworks at Coatesville Quarry.	Granted (Ongoing Monitoring)	15/06/2011
39018	Water Consent To take and use up to 100 m3 per day and no more than 15,000 m3 per year of groundwater from a quarry pit located within the Waitemata Rangitopuni aquifer at map reference 1743560mE 5936470mN for quarry dewatering and dust suppression.	Granted (Ongoing Monitoring)	03/08/2011
27703	Land Use Consent To authorise to continue quarrying and associated earthworks at Coatesville Quarry located 132 Robinson Road, Coatesville.	Superceded	29/10/2019
13757	Land Use Consent To authorise to continue quarrying and associated earthworks at Coatesville Quarry located 132 Robinson Road, Coatesville.	Superceded	29/10/2019
21326	Water Consent Take groundwater at Coatesville Quarry	Superceded	29/10/2019

### Subdivisions

There are **NO** Subdivision resource consents recorded.

### Engineering Approvals

There are **NO** Engineering approvals recorded.

If there are any conditions, then only that portion of the consent will be included in the attachments section. The applicant should satisfy themselves as to whether all conditions of resource consents for this property have been met.

### Further Information

The Council may hold additional information for this property, for example concerning resource consents for discharges to air, land or water issued by the former Auckland Regional Council prior to 1 November 2010. If you would like Auckland Council to search for this type of information, please contact us.

### Building

132 Robinson Road Coatesville 0793

Application No.	Description	Issue Date	Status
ABA-1004386	Relocated three bedroom dwelling - 199m <sup>2</sup> with associated drainage, treatment plant and stormwater	11/09/2008	CCC Not Issued (See Note 3)

Note	Description
3	Consent approved but a final Code Compliance Certificate (CCC) for this consent has not been issued. To obtain a CCC an inspection to confirm compliance with the approved plans and standards may be sought.

Please note that prior to the Building Act 1991; Councils were not required to maintain full records of building consents [etc] issued under the Building Act. While Auckland Council has always endeavoured to maintain full records of pre-Building Act 1991 matters, not all records for this period have survived and in other cases where building work is documented, information may be incomplete. Council does not accept responsibility for any omission.

It is recommended that the Council property file is viewed and compared with the actual building and activities on site to identify any illegal or unauthorised building works or activities.

### Compliance Schedules (Building Warrant of Fitness)

The Council has no record of a Compliance Schedule for this property/building.

If it is evident that any specified systems such as lifts or commercial fire alarms are present in the building, the owner must ensure there is a current compliance schedule or building warrant of fitness.

### Swimming/Spa Pool Barriers

The Council has no record of a swimming pool or spa pool being registered on this property. Swimming pools and spa pools must have a barrier that complies with the Building Act 2004.

Pool barrier information is available for viewing at <http://www.aucklandcouncil.govt.nz>

### Licences

There are NO current licences recorded

### s44A(2)(ea) Information notified under Section 124 of the Weathertight Homes Resolution Services Act 2006

The Council has not been notified of any information under Section 124 of the Weathertight Homes Resolution Services Act 2006 relating to this property.

### s44A (2)(f) Information relating to the use to which the land may be put and any conditions attached to that use

Purchasers or those intending to develop the land should satisfy themselves that the land is suitable for any intended use or future development proposal. In addition to any site specific limitations recorded below, general restrictions that apply across the region may be relevant to any development proposals on this property.

---

## **Auckland Unitary Plan - Operative in Part (AUP:OP)**

The **Auckland Unitary Plan - Operative in part(AUP:OP)** applies to this property and should be carefully reviewed and considered, as it may have implications for how this property can be developed and/or used. Those parts of the Auckland Unitary Plan that are operative replace the corresponding parts of legacy regional and district plans. However, certain parts of the AUP:OP are the subject of appeals and have not become operative. If a property is subject to an appeal this will be identified on the attached Unitary Plan Property Summary Report. Where this is the case, both the Auckland Unitary Plan Decisions version and the legacy regional and district plans will need to be considered.

The AUP:OP zones, controls, overlays, precincts, and designations that apply to this property are set out in the Property Summary Report, which is attached to this memorandum.

The AUP:OP can be viewed here:

<https://www.aucklandcouncil.govt.nz/unitaryplan>

The legacy regional and district plans can be viewed here:

<https://www.aucklandcouncil.govt.nz/districtplans>

<https://www.aucklandcouncil.govt.nz/regionalplans>

The appeals to the AUP:OP can be viewed here:

<https://www.aucklandcouncil.govt.nz/unitaryplanappeals>

## **Auckland Council District Plan - Hauraki Gulf Islands Section (Operative 2013) (DP:HGI)**

While the regional provisions in the AUP:OP apply to the Hauraki Gulf Islands, and are set out in the Property Summary Report attached to this memorandum, the AUP:OP does not contain any district provisions for the Hauraki Gulf Islands. If the Property Summary Report attached to this memorandum lists its zone as "Hauraki Gulf Islands", the district provisions that apply are in the Auckland Council District Plan Hauraki Gulf Islands Section (Operative 2013) (DP:HGI).

The relevant maps of the DP:HGI are attached to this memorandum, if applicable. The text of the DP:HGI can be found here:

<https://www.aucklandcouncil.govt.nz/aurakigulfislands>

## **Plan Changes and Notices of Requirement**

Changes to the AUP:OP and DP:HGI may be proposed from time to time. These proposed plan changes may relate to either the maps or the text of those plans. Any proposed changes to the AUP:OP relevant to this property will be listed as a modification in the Property Summary Report attached to this memorandum. However, proposed changes to the DP:HGI will not appear on the Property Summary report. That information can be found on the Auckland Council website.

Please refer to the AUP:OP for information on any proposed Plan Changes or see the Auckland Council modifications website at:

<https://www.aucklandcouncil.govt.nz/unitaryplanmodifications>

Information relating to any proposed Plan Changes to DP:HGI can be found here:

<https://www.aucklandcouncil.govt.nz/aurakigulfislands>

From time to time a requiring authority, such as a Ministry of the Crown or a council controlled organisation, may notify Auckland Council that they require certain land to be designated for a certain purpose. If this property is the subject of such a notice of requirement, that notice may have implications for how this property can be developed or used from the date it is received by Council.

If this property is not on the Hauraki Gulf Islands, any notices of requirement applicable will be listed as a modification in the Property Summary Report attached to this memorandum.



If this property is on the Hauraki Gulf Islands, any notice of requirement will be available on the Auckland Council Website.

Information on all current notices of requirement can be found on the modifications page here: <https://www.aucklandcouncil.govt.nz/unitaryplanmodifications>

Copies of the appeals to the Auckland Unitary Plan can be viewed online at: <https://www.aucklandcouncil.govt.nz/unitaryplanappeals>

### **Habitat Protection Area(s)**

This property has protected or covenanted areas. Purchasers should be aware that there may be ongoing monitoring charges payable as part of the ongoing consent conditions relating to covenanted or protected areas.

### **Auckland Unitary Plan**

Please note that the Auckland Unitary Plan (Operative in part) applies to this property. The Unitary Plan should be carefully reviewed and considered, as it may have implications for how this property can be developed or used. Parts of the Unitary Plan that are relevant to this property relating to zones, overlays, controls, designations and other restrictions are identified in the Property Summary Report attached to this LIM.

The Unitary Plan can be accessed at Council service centres and libraries and can be found on the following internet page:

<http://www.aucklandcouncil.govt.nz/EN/planspoliciesprojects/plansstrategies/unitaryplan/Pages/home.aspx>

### **Information concerning Caveat, Bond, Encumbrance, Consent Notice and Covenant**

For any information concerning Caveats, Bonds, Encumbrances, Consent Notices or Covenants, please refer to the Certificate of Title for this property.

#### **s44A(2)(g) Information regarding the land which has been notified to Council by another statutory organisation**

No information has been notified to Council.

#### **s44A(2)(h) Information regarding the land which has been notified to Council by any network utility operator pursuant to the Building Act 1991 or Building Act 2004**

Underground Services and District Plan maps are attached.

Please note: Height restrictions apply where overhead power lines cross the site. Works near water services utilities may require approval. Works near high-pressure Gas, Oil or LPG pipelines create risk of damage and must first be approved. Please contact the relevant Utility provider in your area for further information.

Any escape of gas or liquid from the pipelines is potentially dangerous and requires immediate action as soon as discovered (Dial 111 and ask for the Fire Service).

## Attachments

As the placement of the building/s on the attached maps is based on aerial photography we cannot guarantee the accuracy. A formal survey will indicate the exact location of the boundaries.

- Auckland Unitary Plan Property Summary Report
- Auckland Unitary Plan - Operative in part Maps and Map Legend
- Auckland Council District Plan - Hauraki Gulf Islands Section (if applicable)
- Underground Services & Utilities Map and Map Legend
- Special Land Features Map and Map Legend

Please note Map Legends have been created for use across the region and may contain features which were not captured by the previous legacy Councils; therefore the information may not be available for these maps. Please contact the Resource Management Planning Team in your area for further information on any features which may or may not appear on your map.

- Consent Conditions : 39018 Decision
- Consent Conditions : RMA24868 Decision
- Consent Conditions : LUS60272993 21324 Consent conditions
- Consent Conditions : RMA 38779 Decision
- Consent Conditions : WAT60274405 20234 Consent conditions
- Consent Conditions : Permit 26919
- Property specific : Expansive Soils information
- As Built Drainage Plan : ABA 1004386 As built drainage plan

## Auckland Unitary Plan Operative in part (15th November 2016) Property Summary Report

### Address

132 Robinson Road Coatesville 0793

### Legal Description

Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

### Appeals

### Modifications

### Zones

Rural - Rural Production Zone

### Precinct

### Controls

Controls: Macroinvertebrate Community Index - Exotic

Controls: Macroinvertebrate Community Index - Native

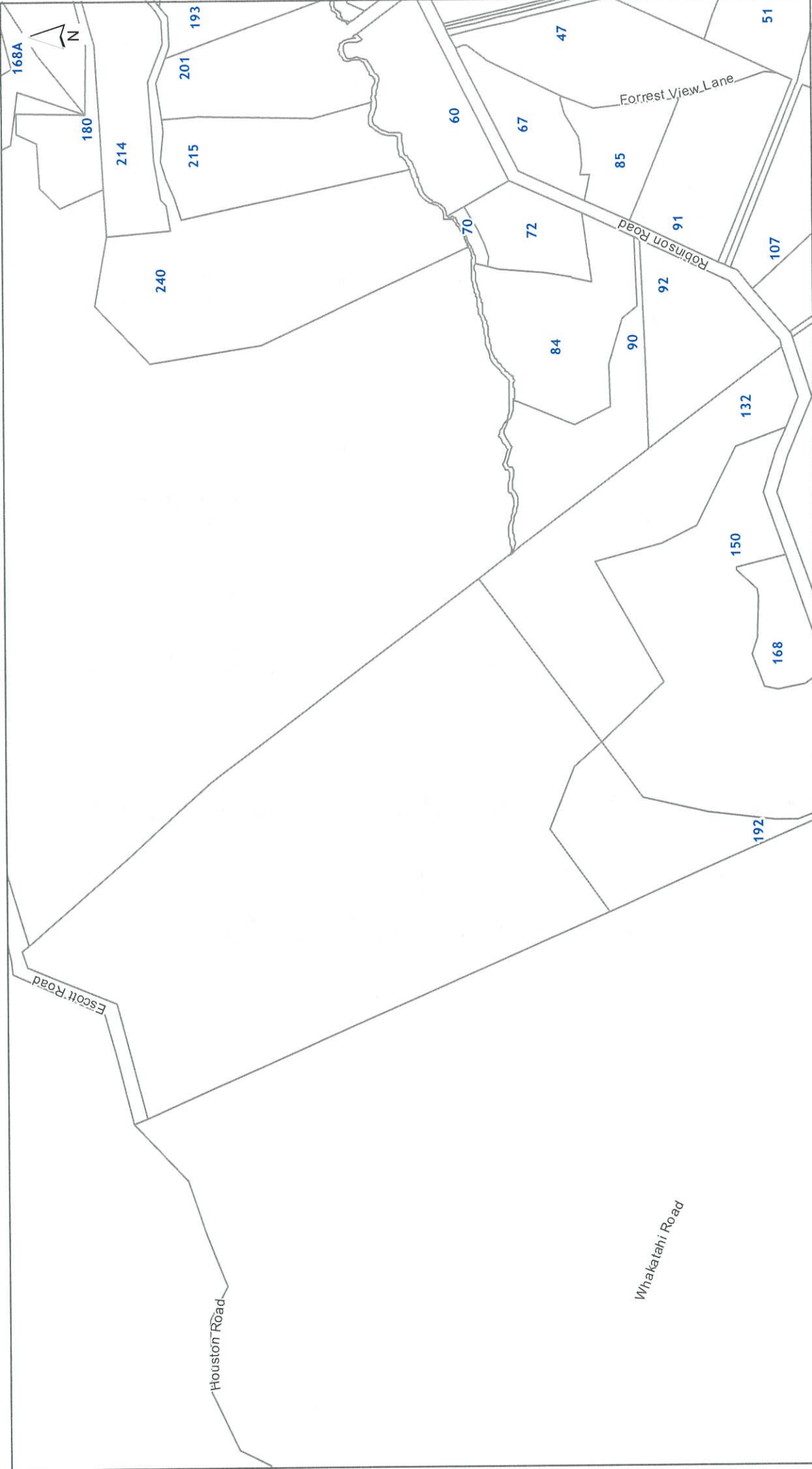
Controls: Macroinvertebrate Community Index - Rural

### Overlays

Natural Heritage: Outstanding Natural Landscapes Overlay [rcp/dp] - Area 49 - Sunnyside Road, Coatesville

Natural Resources: Significant Ecological Areas Overlay - SEA\_T\_6384 - Terrestrial

### Designations



0 50 100 150  
Meters

Scale @ A4  
= 1:8,000

Date Printed:  
5/05/2021

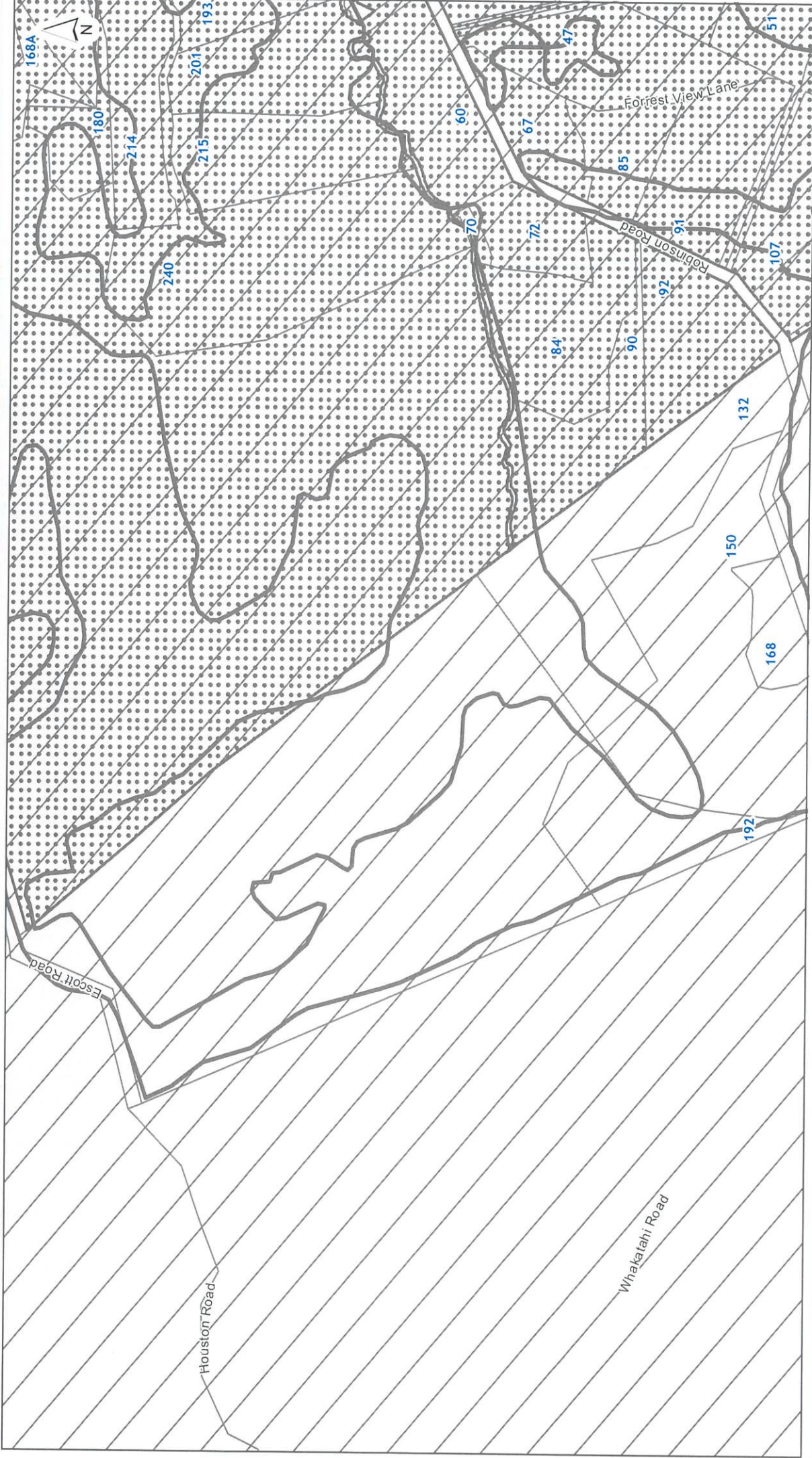
**Built Environment**

132 Robinson Road Coatesville 0793

Pt Sec 103 Psh Of Paremomo, Lot 1 DP 120864

**DISCLAIMER:**  
This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundaries information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.



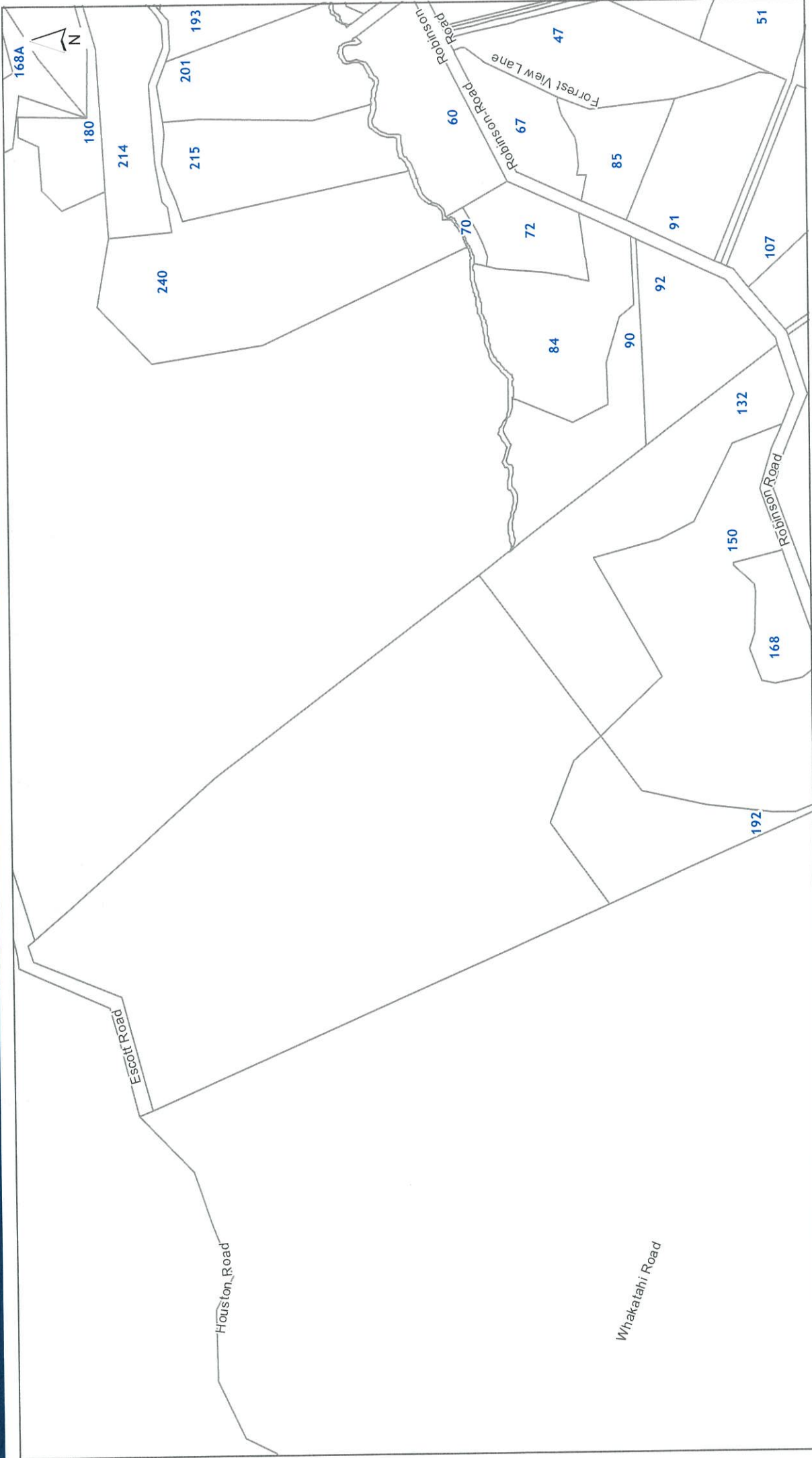


**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Controls**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
 Scale @ A4  
 = 1:8,000  
 Date Printed:  
 5/05/2021





0 50 100 150  
Meters

Scale @ A4  
= 1:8,000

Date Printed:  
5/05/2021

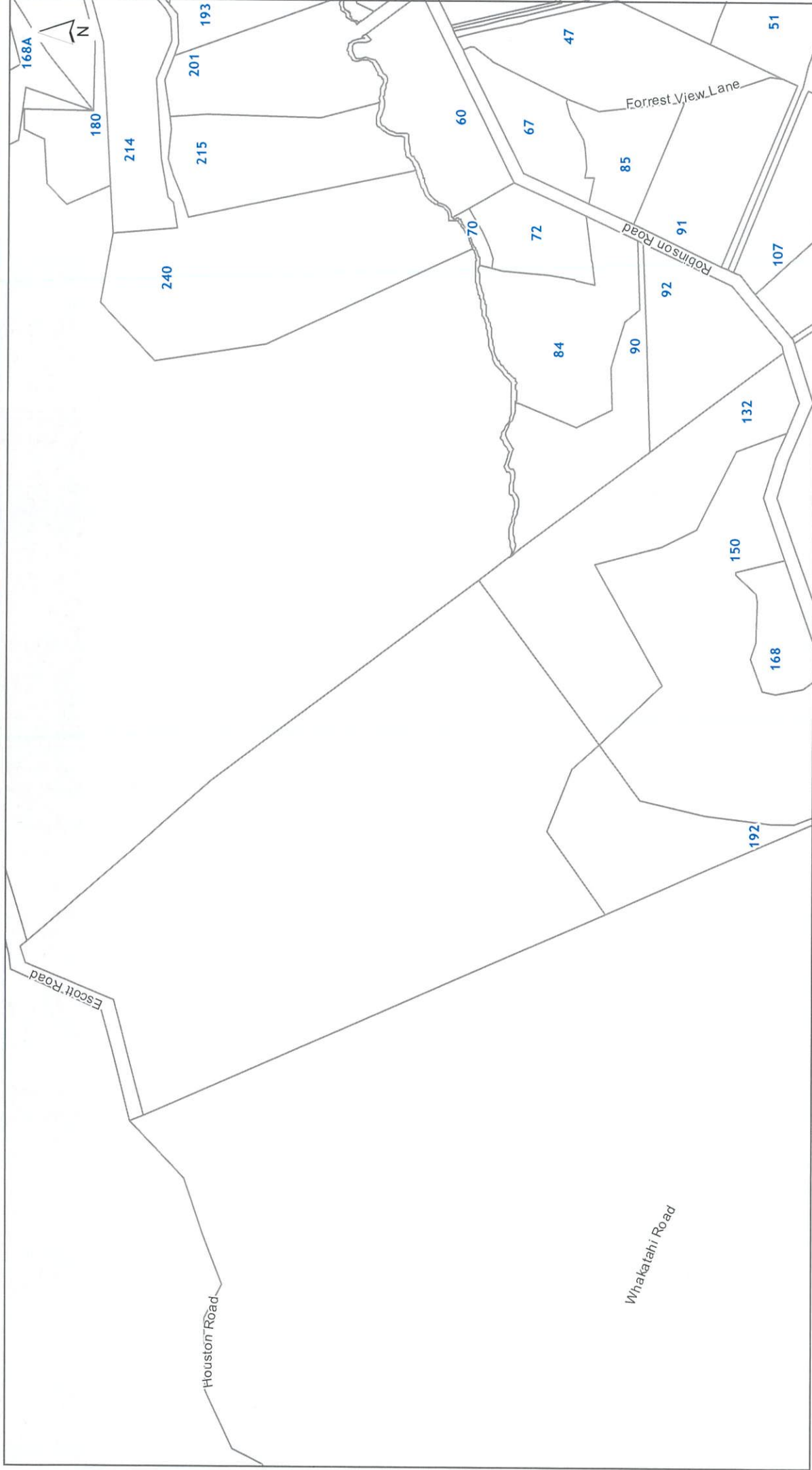
**Designations**

132 Robinson Road Coatesville 0793

Pt Sec 103 Psh Of P aremoremo, Lot 1 DP 120864

**DISCLAIMER:**  
This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.





**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Historic Heritage and Special Character**

132 Robinson Road Coatesville 0793

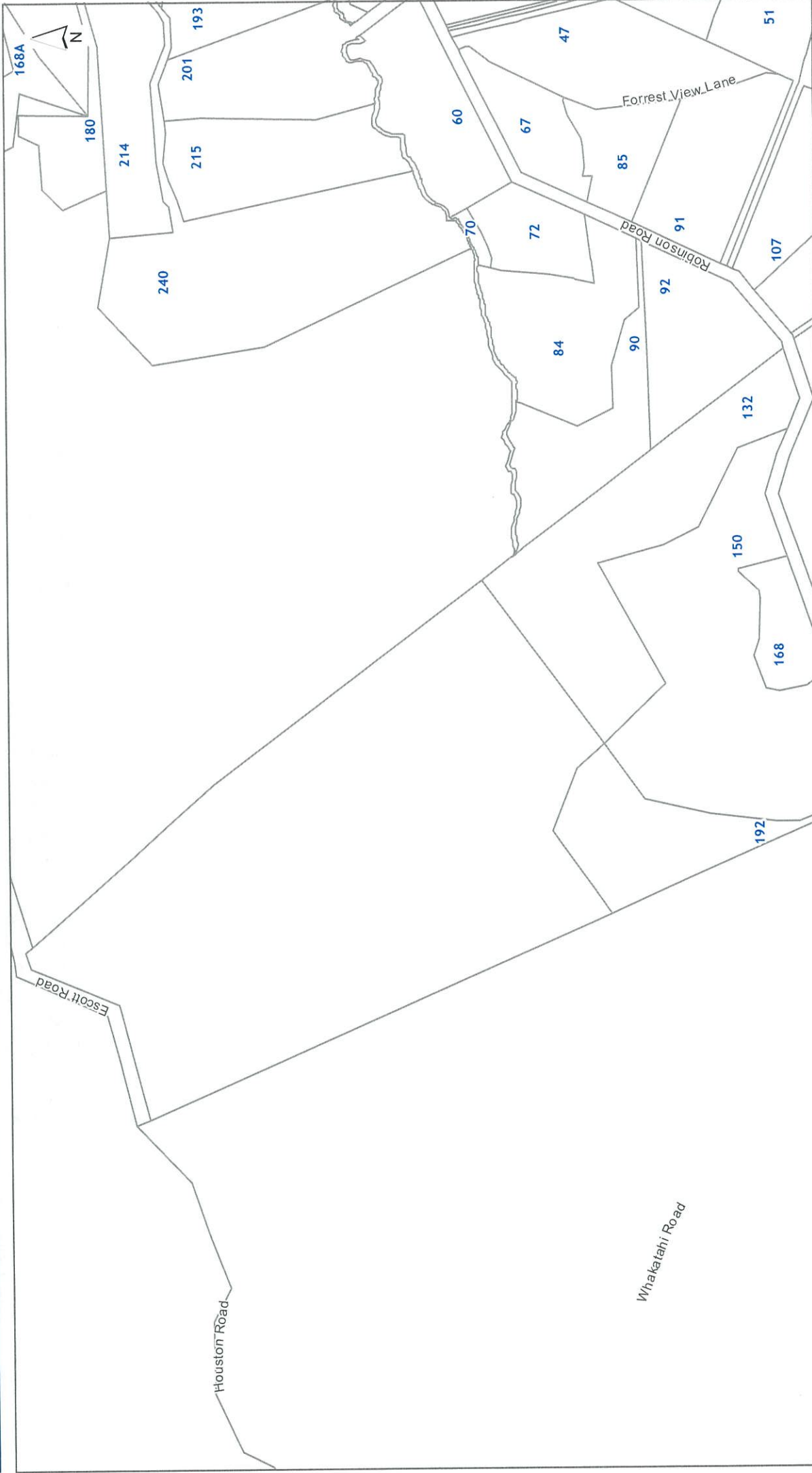
Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864



Scale @ A4  
 = 1:8,000

Date Printed:  
 5/05/2021





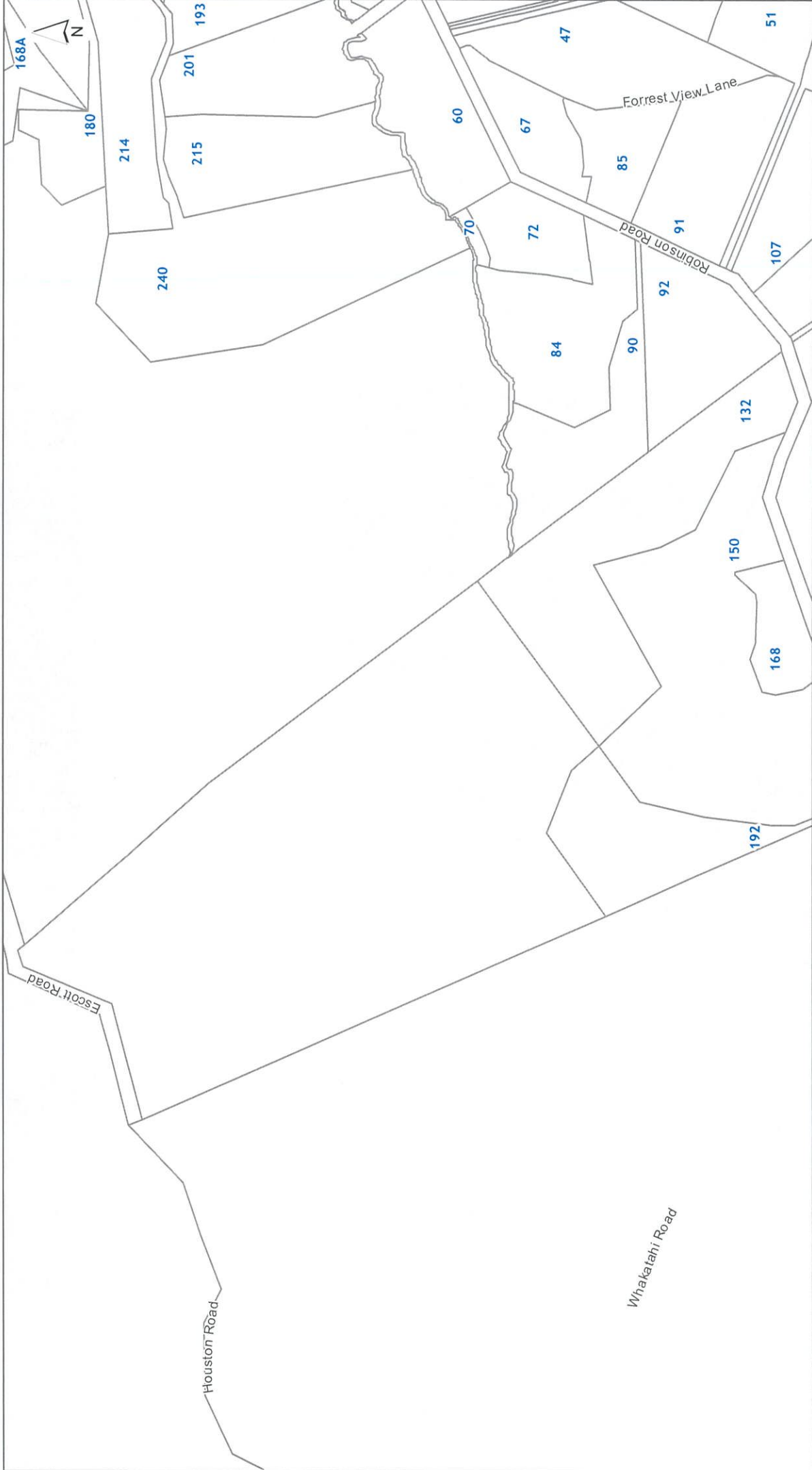
**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Infrastructure**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021





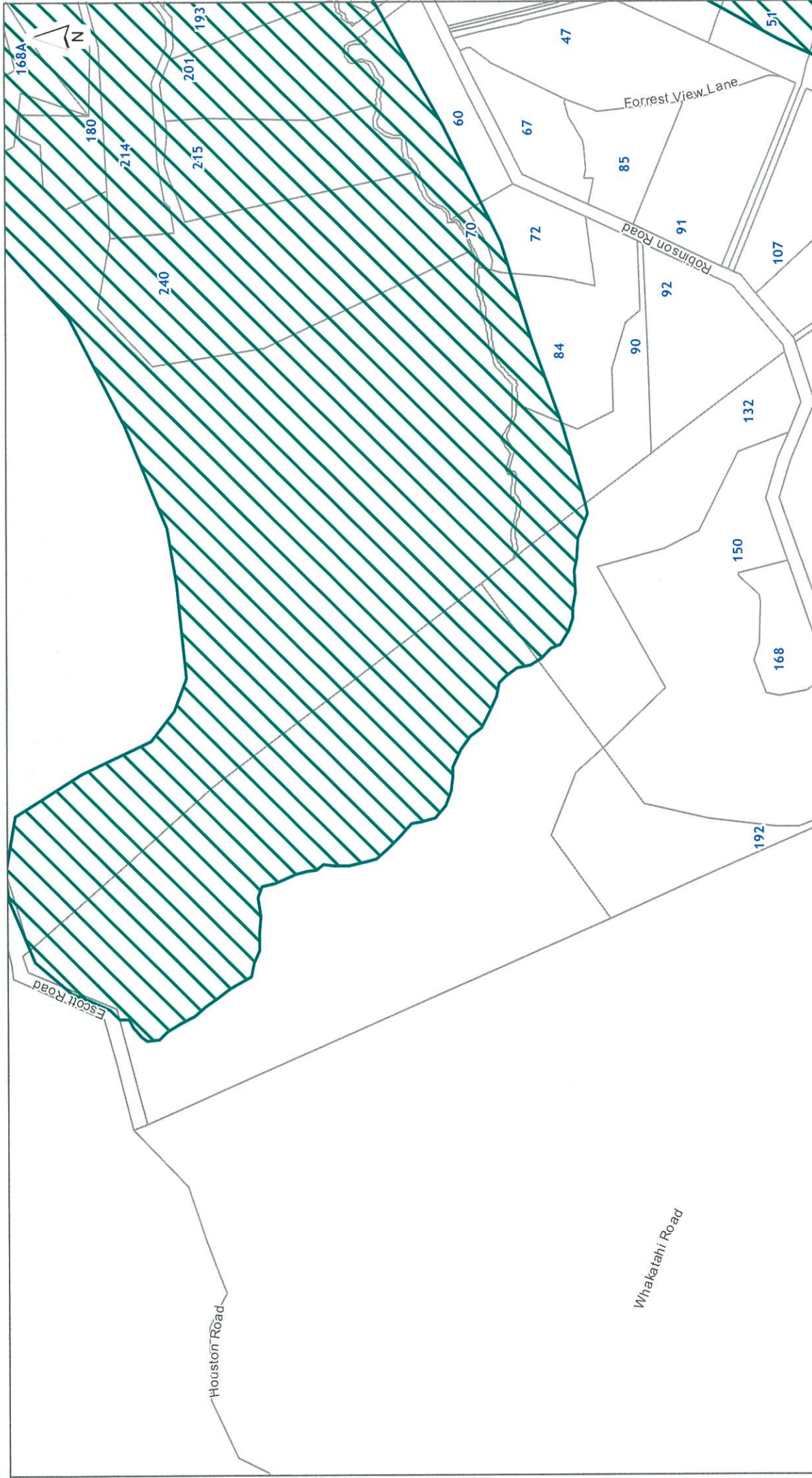


**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel boundary information from UNZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Mana Whenua**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of P aremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021





0 50 100 150  
Meters

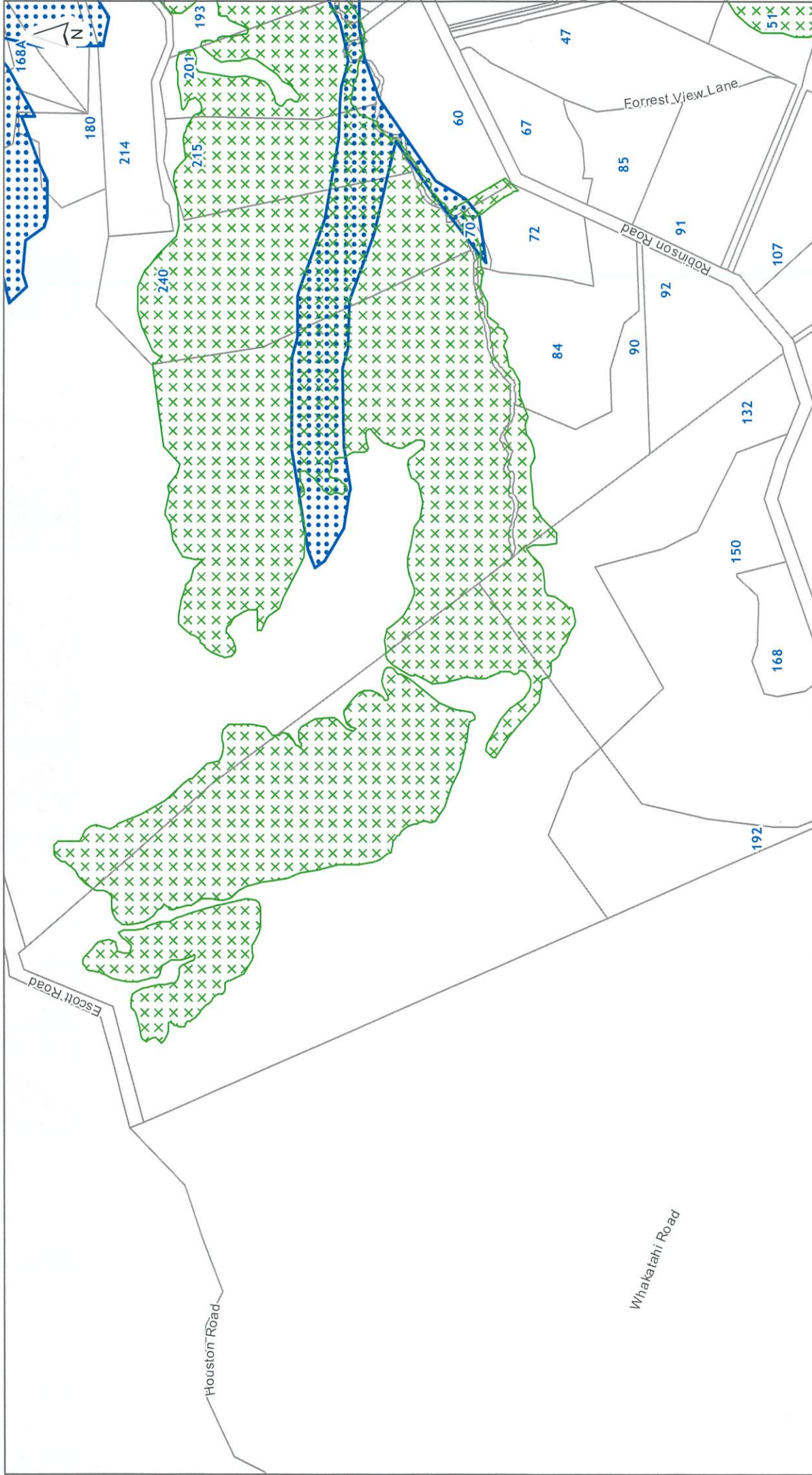
Scale @ A4  
= 1:8,000

Date Printed:  
5/05/2021

**Natural Heritage**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Bound ary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.



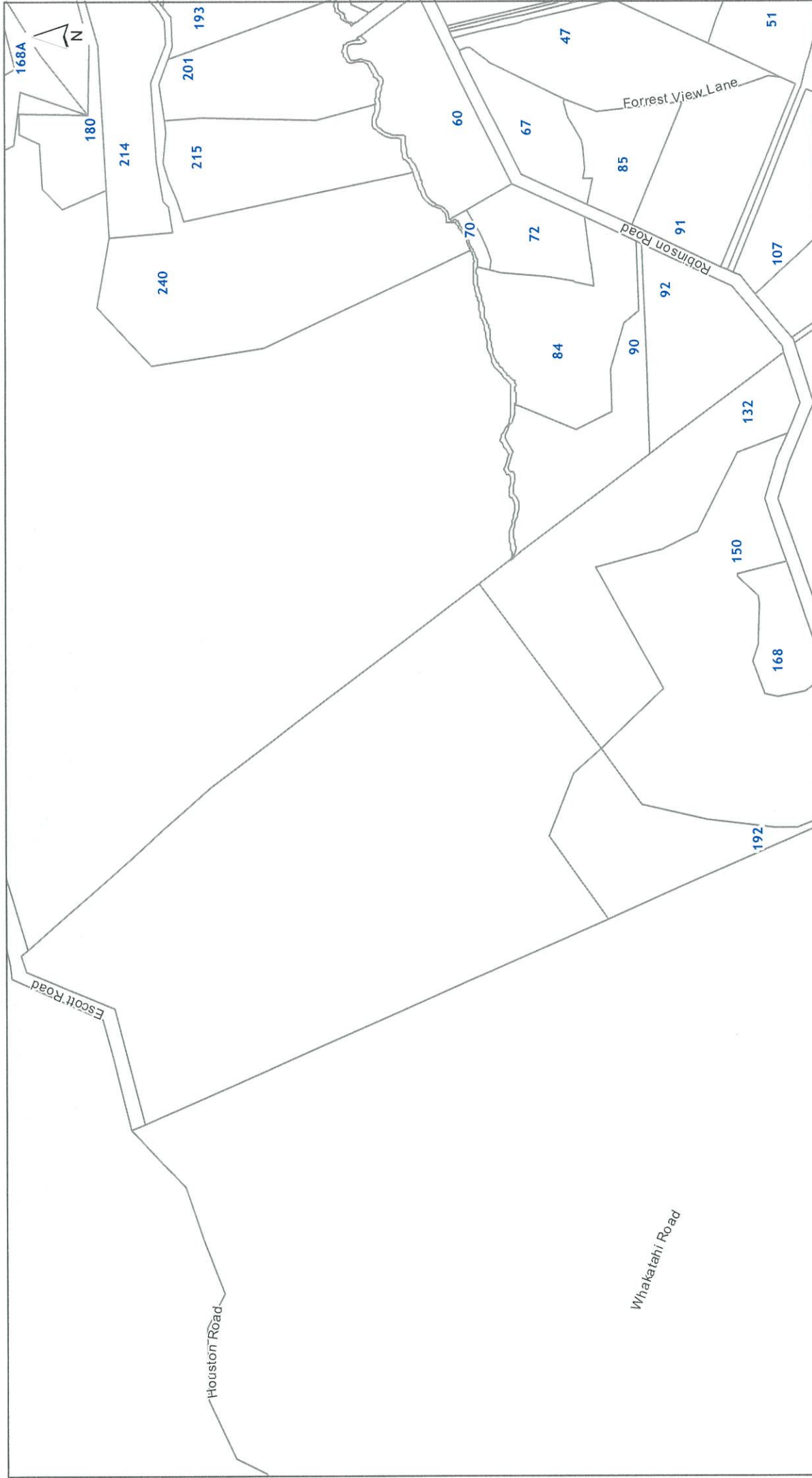


**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Natural Resources**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of P aremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
 Scale @ A4  
 = 1:8,000  
 Date Printed:  
 5/05/2021



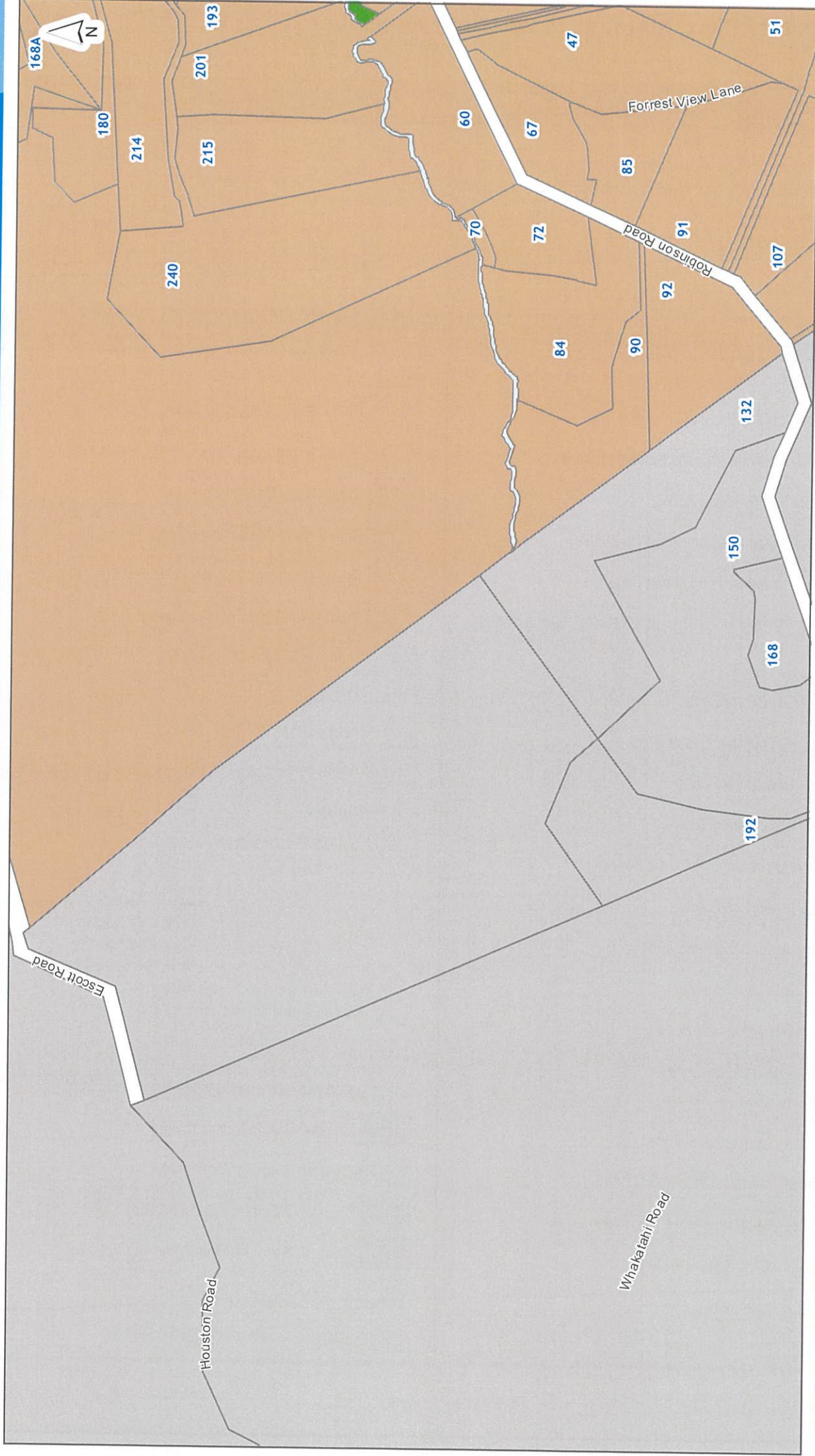


**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Precincts**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021





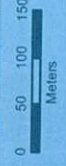
**DISCLAIMER:**

This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Zones and Rural Urban Boundary**

132 Robinson Road Coatesville 0793

Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864





Scale @ A4 = 1:8,000

Date Printed: 5/05/2021



## NOTATIONS

### Appeals

-  Properties affected by Appeals seeking change to zones or management layers
-  Properties affected by Appeals seeking reinstatement of management layers

### Proposed Plan Modifications

-  Notice of Requirements
-  Plan Changes

### Tagging of Provisions:

- [ i ] = Information only
- [ rp ] = Regional Plan
- [ rcp ] = Regional Coastal Plan
- [ rps ] = Regional Policy Statement
- [ dp ] = District Plan (only noted when dual provisions apply)

## ZONING

### Residential

-  Residential - Large Lot Zone
-  Residential - Rural and Coastal Settlement Zone
-  Residential - Single House Zone
-  Residential - Mixed Housing Suburban Zone
-  Residential - Mixed Housing Urban Zone
-  Residential - Terrace Housing and Apartment Buildings Zone

### Business

-  Business - City Centre Zone
-  Business - Metropolitan Centre Zone
-  Business - Town Centre Zone
-  Business - Local Centre Zone
-  Business - Neighbourhood Centre Zone
-  Business - Mixed Use Zone
-  Business - General Business Zone
-  Business - Business Park Zone
-  Business - Heavy Industry Zone
-  Business - Light Industry Zone

### Open space

-  Open Space - Conservation Zone
-  Open Space - Informal Recreation Zone
-  Open Space - Sport and Active Recreation Zone
-  Open Space - Civic Spaces Zone
-  Open Space - Community Zone
-  Water [i]



### Rural

-  Rural - Rural Production Zone
-  Rural - Mixed Rural Zone
-  Rural - Rural Coastal Zone
-  Rural - Rural Conservation Zone
-  Rural - Countryside Living Zone
-  Rural - Waitakere Foothills Zone
-  Rural - Waitakere Ranges Zone

### Future Urban

-  Future Urban Zone
-  Green Infrastructure Corridor (Operative in some Special Housing Areas)

### Infrastructure

-  Special Purpose Zone - Airports & Airfields  
Cemetery  
Quarry  
Healthcare Facility & Hospital  
Tertiary Education  
Māori Purpose  
Major Recreation Facility  
School
-  Strategic Transport Corridor Zone

### Coastal

-  Coastal - General Coastal Marine Zone [rcp]
-  Coastal - Marina Zone [rcp/dp]
-  Coastal - Mooring Zone [rcp]
-  Coastal - Minor Port Zone [rcp/dp]
-  Coastal - Ferry Terminal Zone [rcp/dp]
-  Coastal - Defence Zone [rcp]
-  Coastal - Coastal Transition Zone



# Overlays

## Natural Resources

- Terrestrial [rp/dp]
- Marine 1 [rcp]
- Marine 2 [rcp]
- Water Supply Management Areas Overlay [rp]
- Natural Stream Management Areas Overlay [rp]
- High-Use Stream Management Areas Overlay [rp]
- Natural } Lake Management Areas Overlay (Natural Lake and Urban Lake)
- Urban }
- High-Use Aquifer Management Areas Overlay [rp]
- Quality-Sensitive Aquifer Management Areas Overlay [rp]
- Wetland Management Areas Overlay [rp]

Significant Ecological Areas Overlay

Lake Management Areas Overlay (Natural Lake and Urban Lake)

## Infrastructure

- Airport Approach Surface Overlay
- Aircraft Noise Overlay
- City Centre Port Noise Overlay [rcp / dp]
- Quarry Buffer Area Overlay
- National Grid Subdivision Corridor
- National Grid Substation Corridor
- National Grid Yard Compromised
- National Grid Yard Uncompromised

National Grid Corridor Overlay

## Mana Whenua

- Sites & Places of Significance to Mana Whenua Overlay [rcp/dp]

## Built Environment

- Identified Growth Corridor Overlay

## Natural Heritage

- Notable Trees Overlay
- Outstanding Natural Features Overlay [rcp/dp]
- Outstanding Natural Landscapes Overlay [rcp/dp]
- Outstanding Natural Character Overlay [rcp/dp]
- High Natural Character Overlay [rcp/dp]
- Viewshafts
- Height Sensitive Areas
- Regionally Significant Volcanic Viewshafts & Height Sensitive Areas Overlay [rcp/dp]
- Regionally Significant Volcanic Viewshafts Overlay Contours [i]
- Locally Significant Volcanic Viewshafts Overlay [rcp/dp]
- Locally Significant Volcanic Viewshafts Overlay Contours [i]
- Modified
- Natural
- Local Public Views Overlay [rcp/dp]
- Extent of Overlay
- Subdivision Schedule
- Waitakere Ranges Heritage Area Overlay

Regionally Significant Volcanic Viewshafts & Height Sensitive Areas Overlay [rcp/dp]

Ridgeline Protection Overlay

Waitakere Ranges Heritage Area Overlay

## Historic Heritage & Special Character

- Historic Heritage Overlay Place [rcp/dp]
- Historic Heritage Overlay Extent of Place [rcp/dp]
- Special Character Areas Overlay Residential and Business
- Auckland War Memorial Museum Viewshaft Overlay [rcp/dp]
- Auckland War Memorial Museum Viewshaft Overlay Contours [i]
- Stockade Hill Viewshaft Overlay – 8m height area
- Stockade Hill Viewshaft [i]

# Controls

- Key Retail Frontage
- General Commercial Frontage
- Adjacent to Level Crossings
- General
- Motorway Interchange Control
- Centre Fringe Office Control
- Height Variation Control
- Parking Variation Control
- Level Crossings With Sightlines Control
- Arterial Roads

Building Frontage Control

Vehicle Access Restriction Control

- Business Park Zone Office Control
- Hazardous Facilities
- Infrastructure
- Macroinvertebrate Community Index
- Flow 1 [rp]
- Flow 2 [rp]
- Subdivision Variation Control
- Surf Breaks [rcp]
- Cable Protection Areas Control [rcp]
- Coastal Inundation 1 per cent AEP Plus 1m Control

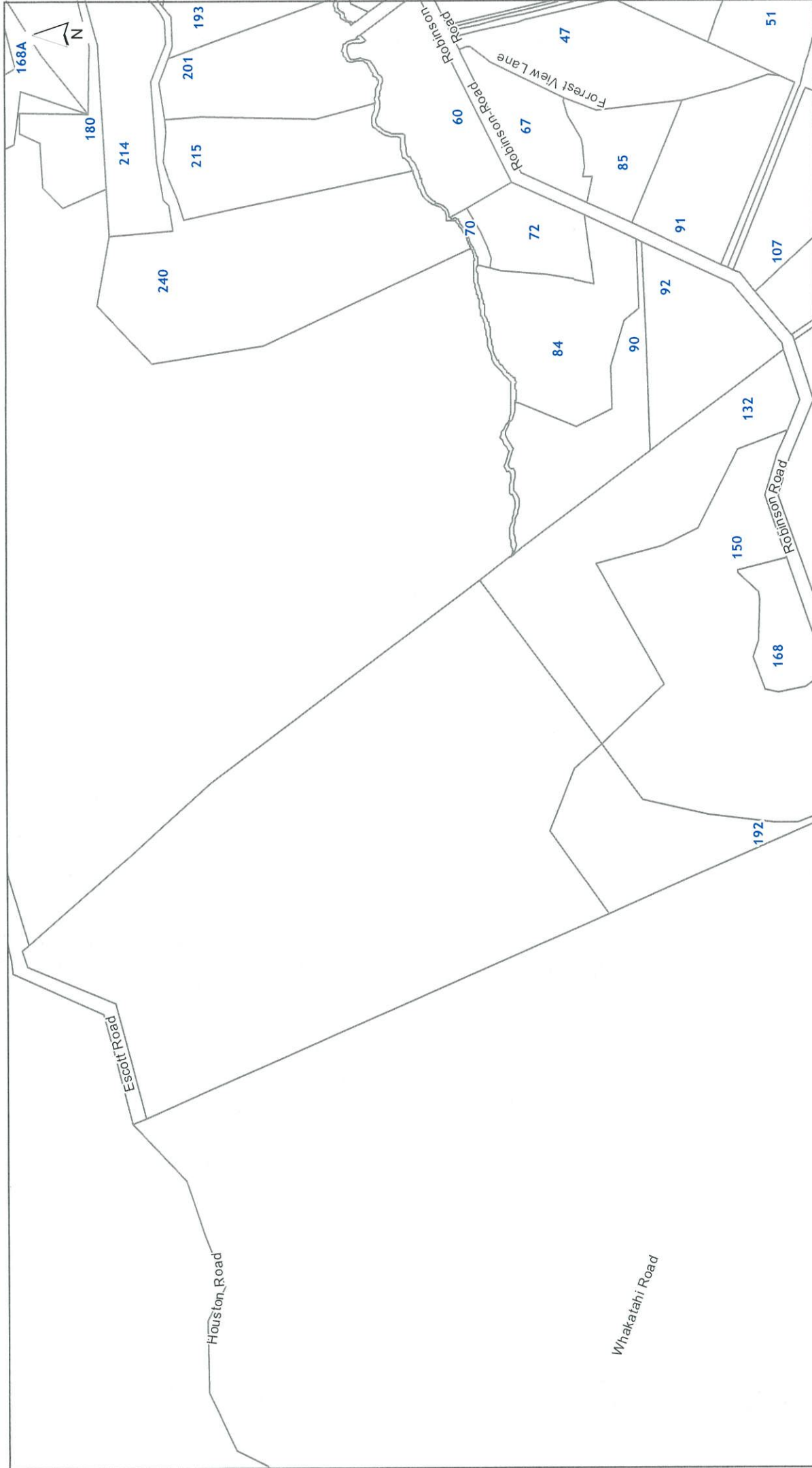
Emergency Management Area Control

Stormwater Management Area Control

# Designations

- Designations

- Airspace Restriction Designations



**DISCLAIMER:**  
This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1945.

**Underground Services**  
132 Robnison Road Coatesville 0793  
Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
Meters  
**Scale @ A4**  
= 1:8,000  
**Date Printed:**  
5/05/2021



Stormwater

Note: Unless otherwise specified in the text below, the colour of a Stormwater symbol is determined by the ownership or usage status, using the following colour scheme:

**Public**, Private or **Abandoned**

	Treatment Device		Overland Flowpath (Public)
	Septic Tank		Overland Flowpath (Private)
	Septic Tank (Hi-Tech)		Forebay (Public)
	Soakage System		Forebay (Private)
	Inspection Chamber		Treatment Facility (Public)
	Manhole (Standard / Custom)		Treatment Facility (Private)
	Inlet & Outlet Structure		Pump Station
	Inlet & Outlet (No Structure)		Planting
	Catchpit		Embankment
	Spillway		Viewing Platform
	Safety Benching		Bridge
	Culvert / Tunnel		Erosion & Flood Control (Other Structure)
	Subsoil Drain		Erosion & Flood Control (Wall Structure)
	Gravity Main		
	Rising Main		
	Connection		
	Fence		
	Lined Channel		
	Watercourse		

Water

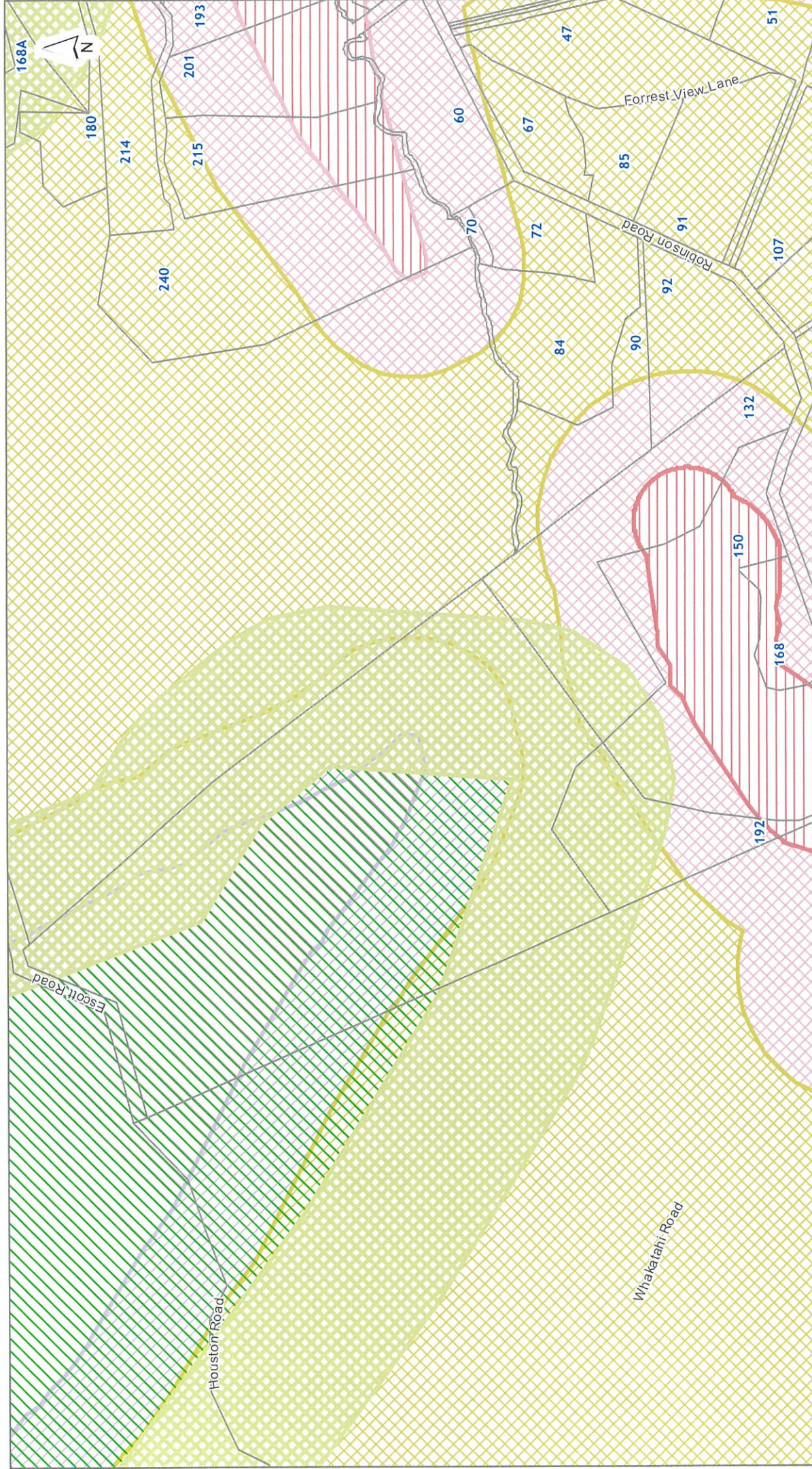
	Valve
	Hydrant
	Fitting
	Other Watercare Point Asset
	Other Watercare Linear Asset
	Local Pipe (Operational-NonPotable)
	Local Pipe (Operational-Potable)
	Local Pipe (Operational Not Vested)
	Local Pipe (Abandoned / Not Operational)
	Transmission Pipe (Operational-NonPotable)
	Transmission Pipe (Operational-Potable)
	Transmission Pipe (Not Operational)
	Transmission Pipe (Proposed)
	Pump Station
	Reservoir
	Other Structure (Local)
	Chamber (Transmission)
	Water Source (Transmission)
	Other Watercare Structures and Areas

Wastewater

	Fitting
	Fitting (Non Watercare)
	Manhole
	Pipe (Non Watercare)
	Local Pipe (Operational)
	Local Pipe (Operational Not Vested)
	Local Pipe (Abandoned / Not Operational)
	Transmission Pipe (Operational)
	Transmission Pipe (Not Operational)
	Transmission Pipe (Proposed)
	Chamber
	Structure (Non Watercare)
	Pump Station
	Wastewater Catchment

Utilities

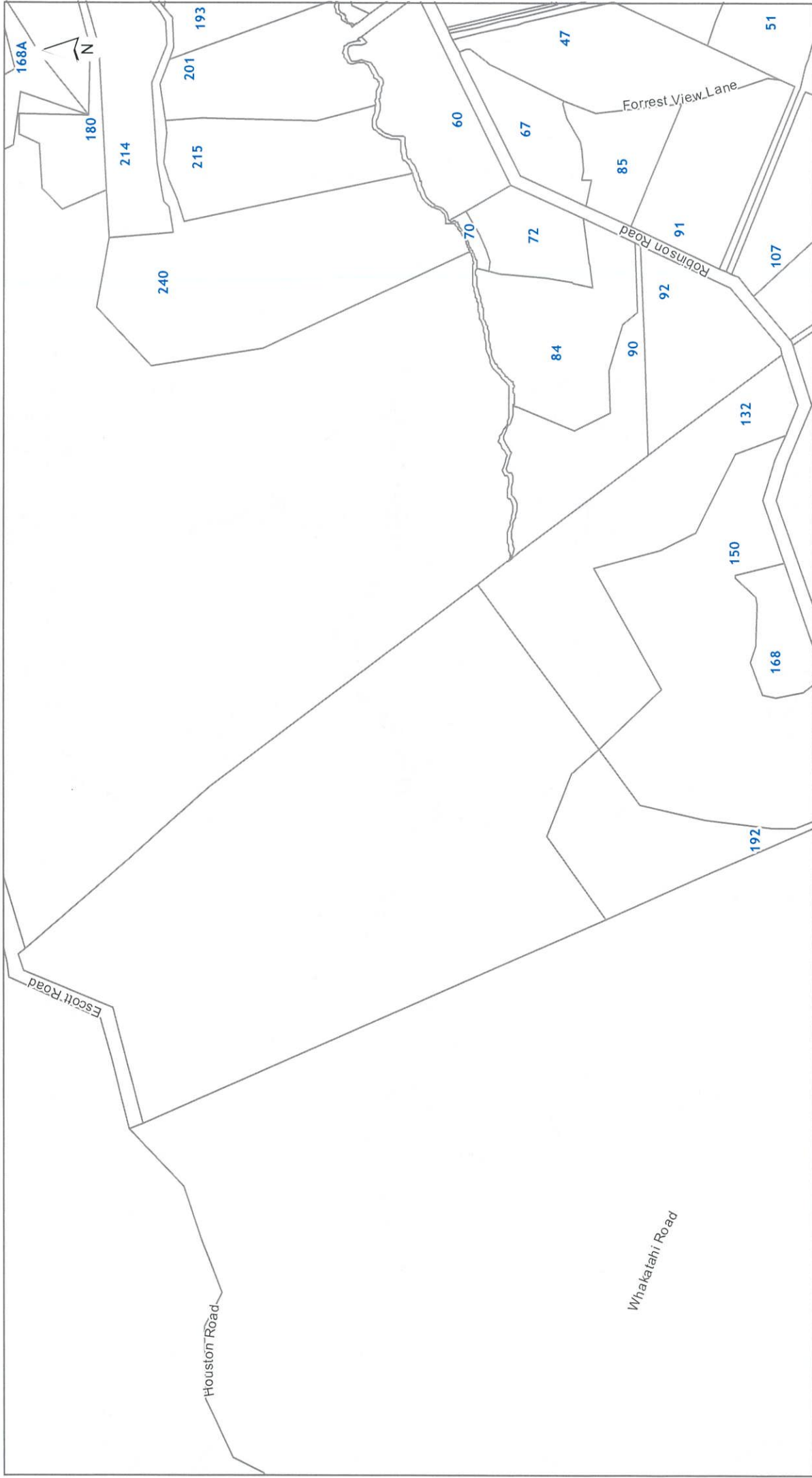
	Transpower Site
	Pylon (Transpower)
	110 kv - Electricity Transmission
	220 kv - Electricity Transmission
	400 kv - Electricity Transmission
	Aviation Jet A1 Fuel Pipeline
	Liquid Fuels Pipeline (Marsden to Wiri)
	Gas Transmission Pipeline
	High-Pressure Gas Pipeline
	Medium-Pressure Gas Pipeline
	Indicative Steel Mill Slurry Pipeline
	Indicative Steel Mill Water Pipeline
	Fibre Optic Cable (ARTA)
	Contour Interval



**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundaries information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1945.

**Hazards**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021

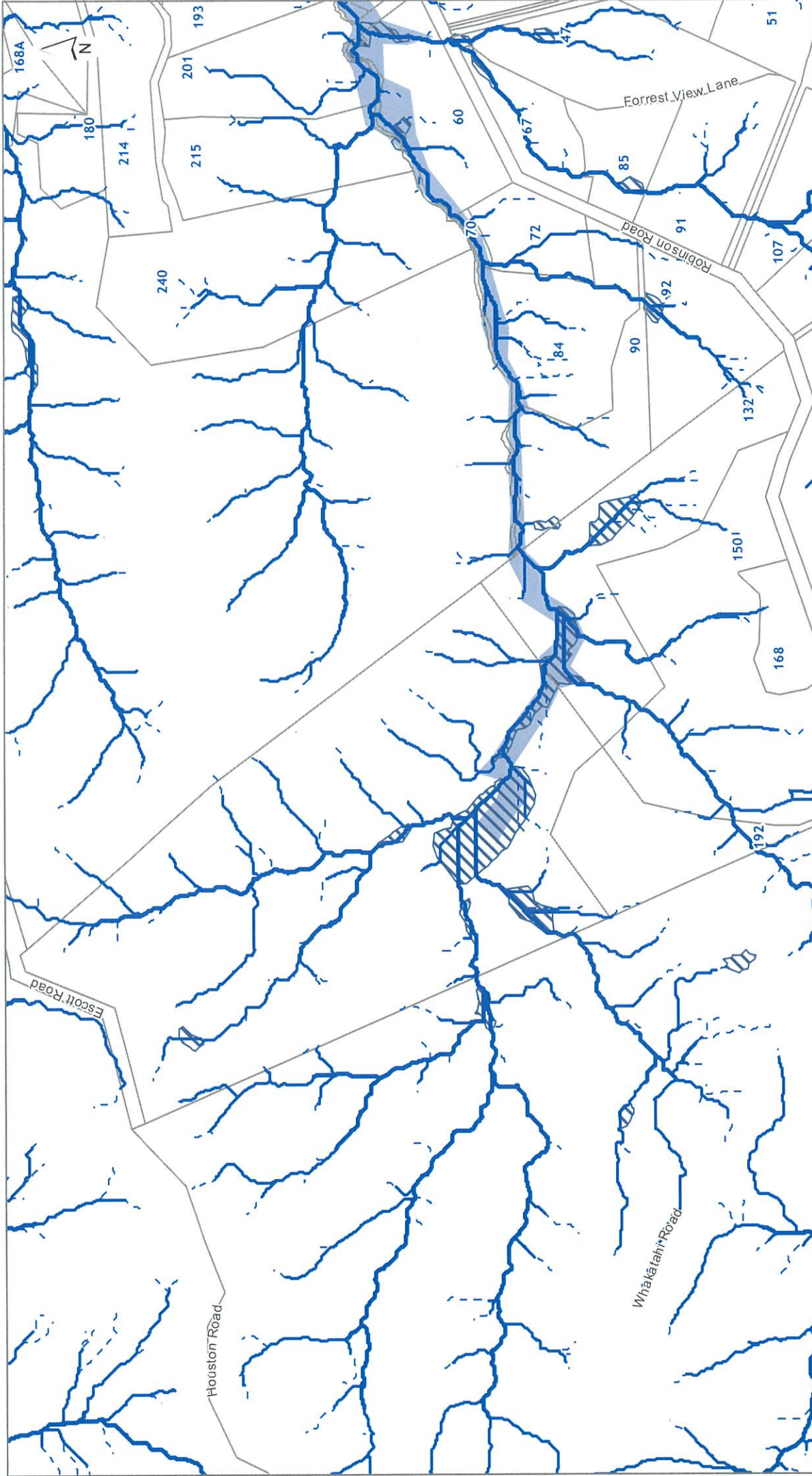


**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Natural Hazards - Coastal Inundation**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021





**DISCLAIMER:**

This map/plan is illustrative only and all information should be independently verified on site before taking any action. Copyright Auckland Council. Land Parcel Boundary information from UNZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Natural Hazards - Flooding**

132 Robinson Road Coatesville 0793

Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

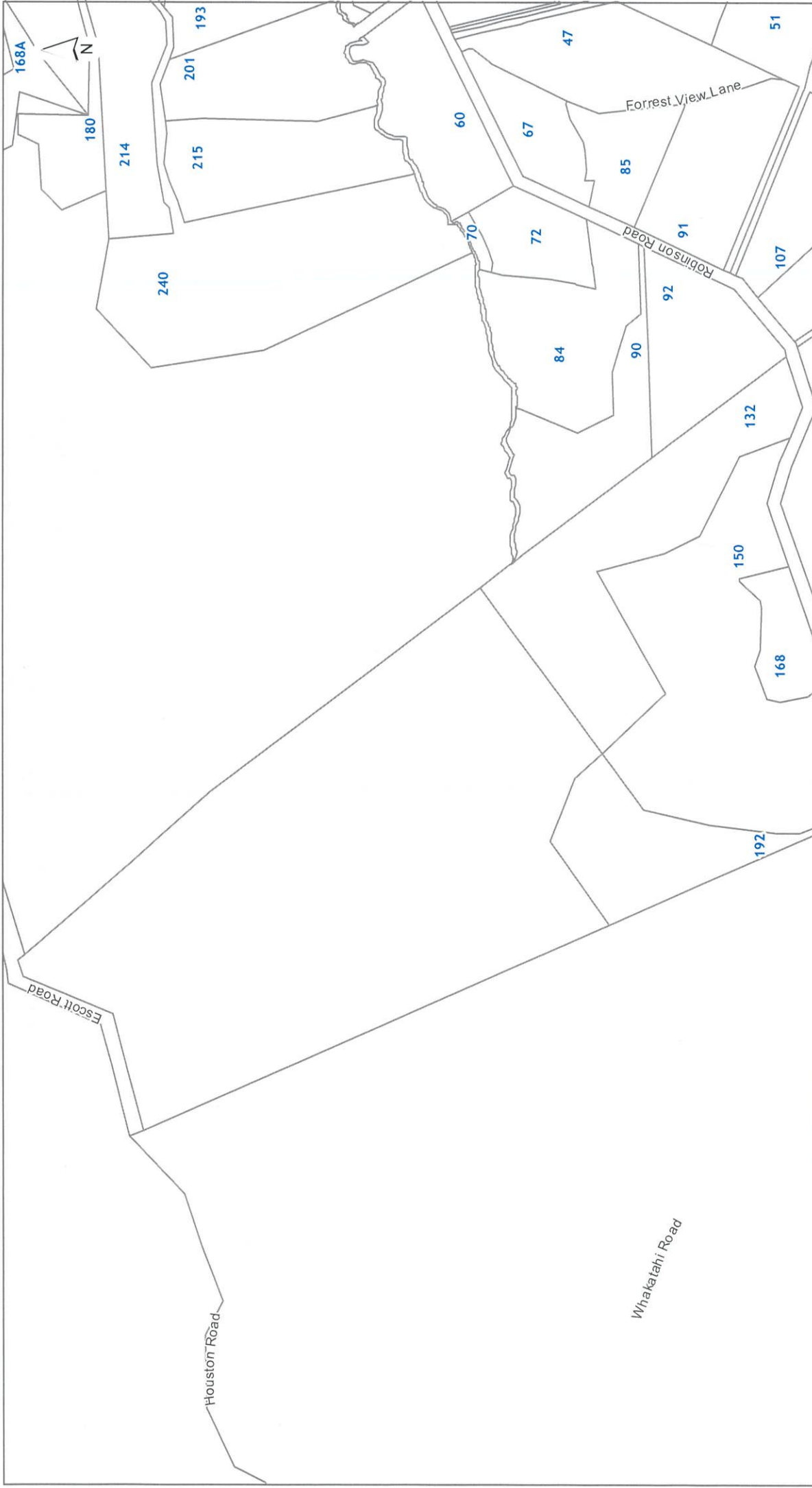


Scale @ A4

= 1:8,000

Date Printed:

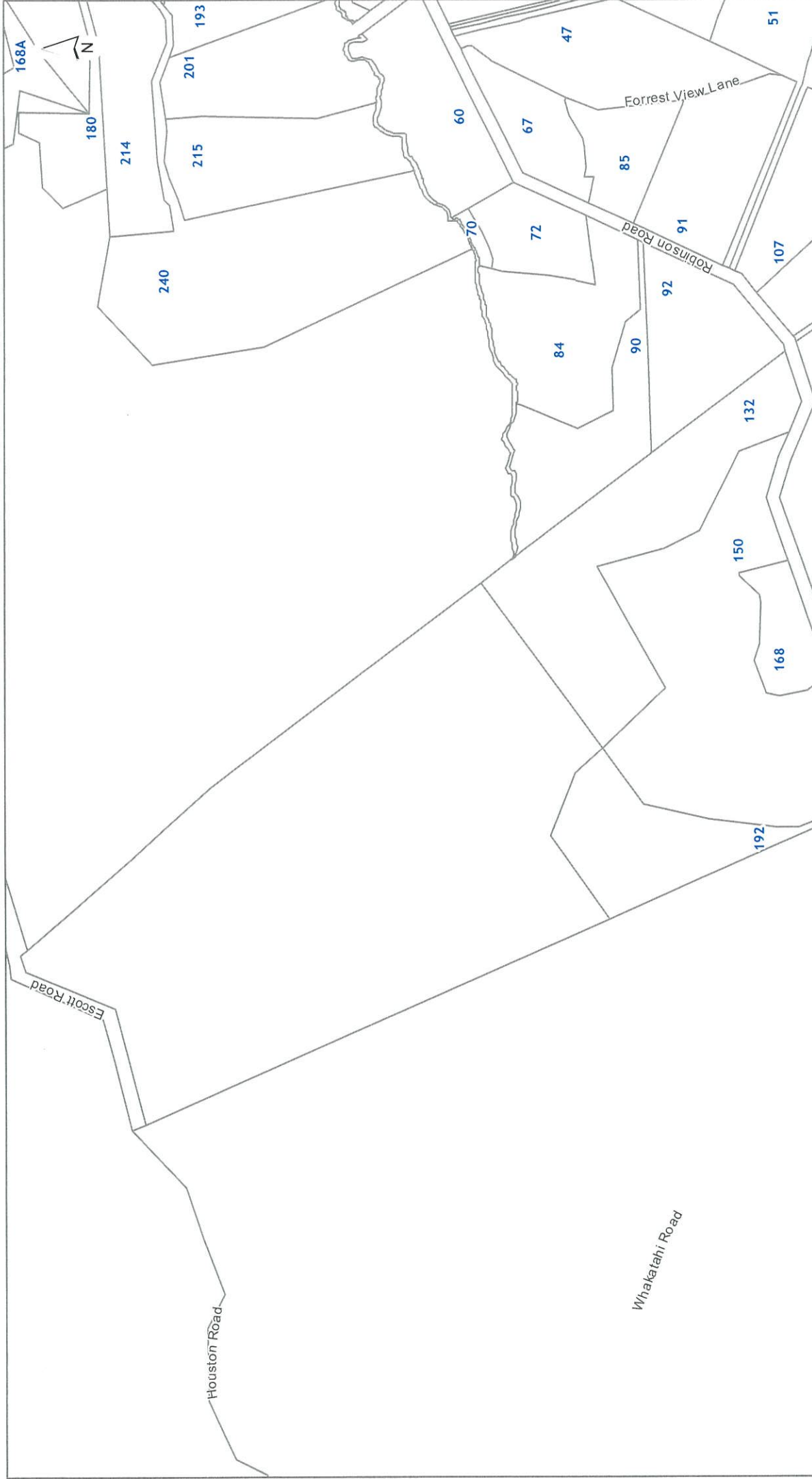
5/05/2021



**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

Natural Hazards - Sea Spray  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paramoremo, Lot 1 DP 120864

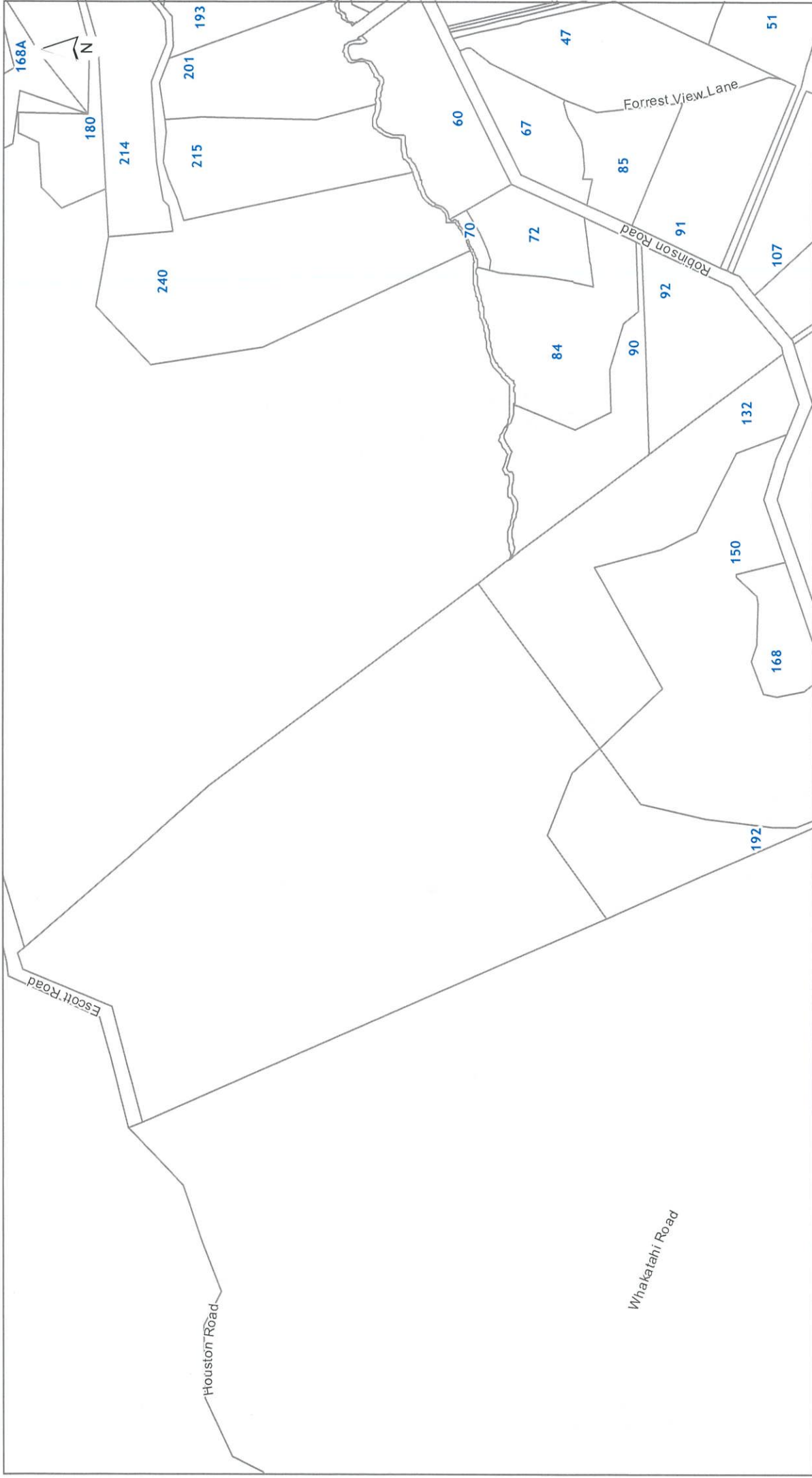
0 50 100 150  
 Meters  
 Scale @ A4  
 = 1:8,000  
 Date Printed:  
 5/05/2021



**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundary information from UNZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Natural Hazards - Volcanic Cones**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021



**DISCLAIMER:**  
 This map/plan is illustrative only and all information should be independently verified on site before taking any action.  
 Copyright Auckland Council. Land Parcel Boundary information from LINZ (Crown Copyright Reserved). Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and plan completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information. Height datum: Auckland 1946.

**Other**  
 132 Robinson Road Coatesville 0793  
 Pt Sec 103 Psh Of Paremoremo, Lot 1 DP 120864

0 50 100 150  
 Meters  
**Scale @ A4**  
 = 1:8,000  
**Date Printed:**  
 5/05/2021















**Hazards**

-  Soil Warning Area
-  Fill (Franklin District only)
-  Advisory (Franklin District only)
-  Contamination (Franklin District only)
-  Erosion (Franklin District only)
-  Hazardous Activities & Industries List (HAIL) (Franklin District only)
-  Inundation (Franklin District only)
-  Rainfall Event (Franklin District only)
-  Slippage (Franklin District only)
-  Subsidence (Franklin District only)
-  Slippage / Subsidence / Erosion etc (Auckland City and Papakura District only)
-  Uncertified Fill (Auckland City and Papakura District only)
-  Organic Soil (Auckland City and Papakura District only)
-  Filled / Weak Ground (Auckland City and Papakura District only)
-  Refuse Tips Site / Weak Area (Auckland City and Papakura District only)
-  Unstable / Suspected Ground (Auckland City and Papakura District only)
-  Allochthon Waitemata (Rodney District only)
-  Motatau Complex (Rodney District only)
-  Puriri Mudstone (Rodney District only)
-  Mahurangi Limestone (Rodney District only)
-  Mangakahia Complex (Rodney District only)
-  Hukerenui Mudstone (Rodney District only)
-  Whangai Formation (Rodney District only)
-  Tangihua Complex (Rodney District only)
-  within 150m of Northland Allochthon (Rodney District only)

**Hazards**

-  Soil Warning Area continued
-  Soil D (Rodney District only)
-  within 150m of Soil D (Rodney District only)
-  Soil C (Rodney District only)
-  within 150m of Soil C (Rodney District only)
-  Soil B (Rodney District only)
-  within 150m of Soil B (Rodney District only)
-  Soil A (Rodney District only)
-  Gas Main Pipeline
-  Petroleum Pipeline
-  Closed Landfill (Auckland Council owned)
-  Closed Landfill (Privately owned)
-  Air Discharge (Franklin District only)
-  No Soakage (Franklin District only)
-  Indicative Steel Mill Slurry Line 20m Buffer (Franklin District only)
-  Indicative Steel Mill Water Line 20m Buffer (Franklin District only)

**Natural Hazards**

-  Overland Flow Path
-  Catchment area 2000m² to 3999 m²
-  Catchment area 4000 m² to 3 Ha
-  Catchment area 3 Ha and above
-  1% AEP Flood Plain
-  Flood Prone Areas
-  Flood Sensitive Areas
-  Sea Spray
-  Volcanic Cones
-  Coastal Inundation 1% AEP
-  Coastal Inundation 1% AEP plus 1m sea level rise
-  Coastal Inundation 1% AEP plus 2m sea level rise

**Other**

-  Archaeological Site
-  Hayward and Diamond
-  Historic Botanical Site
-  Historic Structure
-  Maori Heritage Area
-  Maritime Site
-  Reported Historic Site

**Cultural Heritage Index**

-  Archaeological Site
-  Hayward and Diamond
-  Historic Botanical Site
-  Historic Structure
-  Maori Heritage Area
-  Maritime Site
-  Reported Historic Site

The information Council holds in relation to Special Land Features differs based on the area a property is located in. Those areas where information is held on a Special Land Feature is denoted in the legend above.



# AUCKLAND COUNCIL

## Report for Controlled Activity Application – Take of Groundwater

Sections 95–95F, 104 and 104A Assessment and Determination in accordance with the Resource Management Act 1991

**PURPOSE:** To take and use up to 100 m<sup>3</sup> per day and no more than 15,000 m<sup>3</sup> per year of groundwater from a quarry pit located within the Waitemata Rangitopuni aquifer at map reference 1743560mE 5936470mN for quarry dewatering and dust suppression at 132 Robinson Road, Coatesville.

**FROM:** Nick Hazard, Senior Consents and Compliance Adviser

**TO:** Greg Murphy, Team Leader Water Allocation, Natural Resource & Specialist Input Unit, Resource Consents

**DATE:** 29 July 2011

### SECTION 1 – DESCRIPTION OF APPLICATION

#### 1.1 APPLICATION DETAILS

Applicant's Name:	Lawson and Zambucka Ltd
Consent Number:	39018
File Number:	12532
Bore Identification Number:	Quarry Sump
Date Application Received:	25 February 2011
Date Application Accepted:	4 March 2011
Site Address/Location:	132 Robinson Road, Coatesville

Map Reference (NZTM):	1743560mE 5936470mN
Legal Description:	Lot1 DP120864 CTNA/70B/15, Pt Allotment 103 Parish of Paremoremo
Further Information Required?:	No
Date Requested:	
Date Received:	
Significant/Cultural Heritage features:	None recorded
Tangata Whenua Significant Site:	None recorded
Significant Natural Heritage Areas and Value Site:	None Recorded
Wetland Management Area	No
Relevant Territorial Authority:	Auckland Council
Within Waitakere Ranges Heritage Area	No

## 1.2 LOCATION MAP

Figure 1:- Coatesville Quarry Pits and Bore Locations



## 1.3 APPLICATION DOCUMENTS (PLANS AND REFERENCE DOCUMENTS)

A summary of the plans and reference documents associated with the application can be found in AC file 12532.

## 1.4 DESCRIPTION OF PROPOSAL

The applicant proposes to take up to 100 m<sup>3</sup> per day and no more than 15,000 m<sup>3</sup> per year of fresh groundwater from the Rangitopuni Waitemata aquifer from a quarry pit at 132 Robinson Road for dust suppression around the site and for quarry pit dewatering. The application is for renewal of consent 21326 granted 27 August 2002 and expired on 31 May 2011.

The groundwater take is located approximately 1.76 km from the nearest bore and 2.2 kilometres from the nearest issued consented groundwater take.

## 1.5 REASON FOR APPLICATION

Consent is required under the provisions of Rule 6.5.38 of the Auckland Council Regional Plan: Air, Land and Water (ACRP:ALW) for the proposed groundwater take which is a controlled activity.

*Rule 6.5.38 "The taking and use of more than 20 m<sup>3</sup>/day and more than 5000m<sup>3</sup>/year and no more than 100 m<sup>2</sup>/day and no more than 15000 m<sup>2</sup>/year of fresh groundwater where the take is 100m or more from any existing lawfully established groundwater take from the same aquifer is a controlled activity."*

The applicant proposes to take no more than 100 m<sup>3</sup>/day and 15,000 m<sup>3</sup>/year from the Rangitopuni Waitemata aquifer. The take will be 1.76 km from the nearest lawfully established groundwater take.

As a controlled activity it must meet the standards and terms outlined in Rule 6.5.39 as follows:-

- (a) *The taking is not in a High Use Aquifer Management Area; and*
- (b) *A water meter shall be installed and maintained on the outlet of the pump so that:*
  - i. *The meter shall measure the total daily quantity of water being taken;*
  - ii. *A quarterly return of water meter readings measured at weekly intervals shall be provided to the ARC, by no later than 10 working days after 28 February, 30 May, 30 August and 30 November each year;*
  - iii. *Records may be also viewed at any time during any working day by an ARC Enforcement Officer;*
  - iv. *The water meter shall be capable of measuring to an accuracy of at least plus or minus 5 per cent and it is to read the water taken to at least 1 cubic metre; and*

- v. *The meter shall be installed to the manufacturer's specifications, and shall be maintained to the specified requirements and in a working condition at all times.*

## **1.6 SITE AND NEIGHBOURHOOD / CATCHMENT / ENVIRONS DESCRIPTIONS**

### **Introduction**

The applicant proposes to continue the quarrying of aggregate at the existing Coatesville Quarry at 132 Robinson Road, Coatesville. The quarry is owned and operated by Lawson & Zambucka Ltd (LZL). The quarry has operated at the site for over 35 years although over the last four to five years, only very small volumes of quartz sand from the "Quartz Pit" have been removed on an intermittent basis.

Coatesville Quarry is a relatively small aggregate quarry extracting from three pits.

Waitemata Group Albany Conglomerate, comprising rounded boulders of predominately volcanic derived rock with minor mudstone within a sand/silt matrix, is being intermittently mined from the "Main Pit". When the Main Pit is operational, the aggregate is extracted, crushed and screened all year round and is stockpiled on site prior to being transported off-site. The pit is currently not in operation and has been allowed to fill up with stormwater and groundwater.

A second small pit ("Central Pit") is operated on the property from which material is extracted for use as fill. This material is loaded directly onto trucks for removal off-site and is not processed on-site. An old quarry pit is to be used for placement and storage of overburden from the Central Pit when quarrying resumes.

A third pit ("Quartz Pit") is operational on the property from which quartz sand material is extracted and removed off-site. This pit lies within the Otamatea siliceous and calcareous siltstone in the immediate hanging wall of the Okura Fault.

The applicant proposes to continue the extraction at the site quarrying from the Quartz Pit as well as increasing the footprint of the Main Pit. The Main Pit will be gradually drained of the stormwater and groundwater and will be utilised as a sediment retention pond to treat discharges from the Central Pit and Old Quarry Pit areas.

## Geology

Geology of the site comprises Waitemata Group siltstones and sandstones, including paleo channels of Albany Conglomerate in the western portion of the property and Mangakahia Complex (Otamatea siltstone and sandstone) in the eastern portion of the property. The younger Waitemata Group rocks are separated from the older Mangakahia Group rocks by the Okura fault which is a low angle thrust fault dipping to the north. This fault trends north-westwards through the applicants property. Hence older rocks overlie younger rocks in this area and are thought to have been thrust over the top of the younger rocks in an unstable sea floor environment during the early Tertiary period (approximately 20 million years ago). The Waitemata Group Albany conglomerate is currently being mined in "Main Pit". The "Quartz Pit" is located within the Mangakahia siliceous siltstones adjacent to the Okura fault.

## Aquifer

Groundwater of any significance in the area, is contained within Waitemata Group rocks. Very little groundwater is capable of being stored within the Otamatea claystone because of its internally sheared and clayey nature.

Groundwater within the Waitemata aquifer in this area is relatively low yielding 1.0m<sup>3</sup>/hr to 4m<sup>3</sup>/hr, however pods of Albany Conglomerate within the Waitemata Group provide localised storage and these horizons typically can have high transmissivity.

The two nearest bore holes to the applicants abstraction point have low yields that range from completely dry (Bore ID 2282) to 0.1 m<sup>3</sup>/hour (Bore ID 22199). Other holes in the neighbouring area have yields ranging from 0.2 m<sup>3</sup>/hour to 4.0 m<sup>3</sup>/hour. These yields have been determined through air lift tests carried out at the time of drilling.

No groundwater availabilities have been calculated for this aquifer.

## Neighbouring Bores

The nearest bore is located 1.2 kilometre to the southeast of the applicants proposed abstraction point. This bore (ID2282) did not yield any groundwater at time of drilling. The next two nearest bores are bore ID22199, located 1.74 kilometres from the site and bore ID625 located 1.84 kilometres from the site. Groundwater yields from these

bores, indicated by air lift tests at time of drilling, determined yields of 0.1m<sup>3</sup>/hour and 1.13m<sup>3</sup>/hour respectively. These bores have been used for stock and domestic purposes.

The nearest groundwater take consent No. 22927 is located 2.2 kilometres to the southeast of the applicants abstraction point. The take and use from bore ID 154 is for up to 60m<sup>3</sup>/day and 3450m<sup>3</sup>/year for irrigation of up to 2 ha of market garden crops. Airlift test in this bore determined a maximum yield of 2.5 m<sup>3</sup>/hour from this Waitemata Group sandstone bore. The top half of the bore hole intersected Mangakahia Complex rocks however this portion of the hole has been cased off.

### **Groundwater Use**

Groundwater is proposed to be pumped from up to three pits to ensure ground conditions on the pit floors are kept dry to allow quarry faces to be worked efficiently. The groundwater conditions in the area are good with respect to quarry operation as groundwater inflow to the pits is very low. The inflow to the "Main Pit" represents the bulk of inflows and is considered to be approximately 10 m<sup>3</sup>/day, estimated by the applicant, during peak summer periods. The inflows from the Quartz Pit is likely to be minor (less than 5m<sup>3</sup>/day) and inflows into the Central Pit will proportionately be similar to the Main Pit.

At some stage the flooded Main Pit will be dewatered to allow continuation of mining and integration with the Central Pit. Water contained within the main pit is a combination of both surface water run-off and groundwater infiltration. During any dewatering process and during processing of quarry metal up to 100m<sup>3</sup>/day of groundwater may be used.

## **1.7 BACKGROUND / SITE HISTORY**

A consent Land Use Consent No. 38779, to allow the continuation of quarrying at Coatesville Quarry and to allow the associated earthworks at 132 Robinson Road, Coatesville, was granted on 15 June 2011 and will expire on 15 December 2026. The site has a landuse consent for the operation, authorised under TP/211/76 from Rodney District Council.

The existing water permit 21326 was publicly notified as one of several consents to enlarge the quarry and to use surface water for potable water supply. The ARC

Commissioners determined that consent be granted for that part of application (divert groundwater and take water) which related to Lot 103, subject to the conditions stated on the consent document which appears as Appendix A to this report. These conditions allowed the use of water on Lot 103 for dust control as well as dewatering.

The Managers' report to the Commissioners indicated that the direct effects of the diversion and taking of groundwater were no more than minor. No evidence was presented at the hearing to the contrary. The discharge (associated with the sediment control consent) of water taken from the sump has the potential to augment low flows in the Walsh Creek during periods of dry weather.

The Commissioners granted consent solely for the diversion of groundwater and taking of water on Lot 103. Consent was refused for the diversion and taking of groundwater on Lot 1, to be consistent with the refusal of all applications by the RDC Commissioners relating to Lot 1, after deliberation of hearing evidence. The main issues centred around the abstraction of surface waters from the stream for potable water supply and associated truck movements and the proximity of Lot 1 to neighbouring properties should mining commence on that lot. The use of water on Lot 1 was deemed acceptable for dust suppression purposes. The consent was eventually granted in August 2002.

The application subject of this consent application is now considered to be a controlled activity and is also subject to abstraction on Lot 103 only.

## **SECTION 2 – DETERMINATION OF NOTIFICATION MATTERS**

### **2.1 STATUTORY PROVISIONS – CONTROLLED ACTIVITIES**

An application for resource consent must be publicly notified if:

- the activity will have or is likely to have adverse effects on the environment that are more than minor
- the applicant requests public notification
- a rule in a plan or National Environmental Standard (NES) requires public notification



- the applicant fails to or refuses to provide further information within 15 working days of the request or agreed by a date.

An application for resource consent must not be publicly notified if a rule in a plan precludes public notification regardless of the activity's adverse effects on the environment unless the applicant has requested public notification. However it must still be publicly notified if the further information is not provided.

If an application is not publicly notified, it must be limited notified to affected persons unless a rule in a plan or a national environmental standard precludes limited notification.

An application may be publicly notified if special circumstances exist.

Rule 6.5.40 of the ACRP: ALW states:

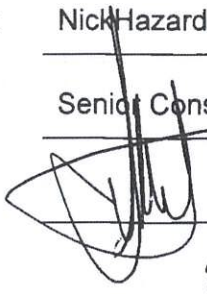
*"Applications for controlled activities shall be considered without public notification or the need to serve notice of the application on affected persons in accordance with sections 93(1)(a) and 94D(3) of the RMA, unless in the opinion of the ARC there are special circumstances justifying public notification in accordance with section 94C(2) of the RMA".*

Both public and limited notification are precluded by this rule. There are no special circumstances that exist in relation to this application that would require it to be publicly notified. The applicant has not requested public notification.

## 2.2 RECOMMENDATION ON NOTIFICATION

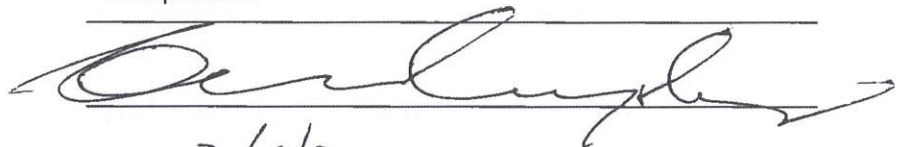
It is recommended that this application be processed on a **non notified** basis for the following reasons:

- Rule of the 6.5.40 of the ACRP:ALW provides for controlled activities to be considered without public notification or the need to serve notice on affected persons.
- The applicant has not requested public notification.
- There are no special circumstances that would require it to be publicly notified.

Reported and Recommended by: Nick Hazard  
 Title of Reporting Officer: Senior Consents and Compliance Adviser  
 Signed:   
 Date: 3/8/2011

**2.3 NOTIFICATION DECISION AUTHORISED UNDER DELEGATED AUTHORITY**

Acting under delegated authority and for the reasons set out in the above assessment, Consent Number **39018** shall be non-notified.

Team Manager: Greg Murphy  
 Title: Team Leader - Water Allocation Consents and Compliance  
 Signed:   
 Date: 3/8/2011

**SECTION 3 – ASSESSMENT OF APPLICATION**

Under section 104A, a consent authority must grant consent to a controlled activity and can only assess effects and impose conditions on matters over which it has reserved control in its plan or NES.

**3.1 ASSESSMENT OF THE PERMITTED BASELINE**

The permitted baseline comprises activities that are permitted by an operative Plan or NES on the subject site. If it is to be considered, then the relevant permitted baseline activities are 20 m<sup>3</sup>/day of groundwater from the Rangitopuni Waitemata Group sandstone aquifer. This constitutes the permitted baseline and any adverse effects arising from these activities should be discounted as they are deemed to be

permitted. It is only any other or further adverse effects arising from the proposal which are to be assessed.

In the present case, it is considered it would be inappropriate to apply the permitted baseline as there would be minimal assistance gained by comparing the effects of a relevant permitted activity to the proposal, as the proposed take of 100 m<sup>3</sup>/day which is considerably more than 20 m<sup>3</sup>/day.

### 3.2 ASSESSMENT OF EFFECTS OF THE ACTIVITY ON THE ENVIRONMENT

The following assessment of the adverse effects of the activity on the environment addresses the activity's actual and potential effects only in relation to those matters for which control is reserved for the activity. As discussed it is considered not appropriate to use the permitted baseline in the assessment.

The matters over which Council has reserved its control are as follows:

ACRP:ALW, Rule 6.5.40

- (a) *The location and depth of the taking of water and the design of the **bore** to ensure that no existing lawful **take** or **surface water** body is adversely affected;*
- (b) *The monitoring and reporting requirements;*
- (c) *The duration of the consent*
- (d) *The timing and nature of reviews of consent conditions.*

The proposed abstraction is located in a flooded quarry pit. The Main Pit quarry floor is at a maximum depth of approximately 20 metres RL, however the pit is currently flooded to a depth of 36 m RL (16 metres deep). The pit has been in existence for many years. The pit is located at least 1.0 kilometre from the nearest groundwater take. No existing lawful groundwater takes are considered to be adversely affected.

Monitoring attached to the consent conditions provides for monitoring of volumes if required by the Manager. Taking groundwater from the pit makes it difficult and impractical to measure volumes, due to significant stormwater inflows. This renders abstraction measurements meaningless in terms of the groundwater take. Hence

abstraction volume monitoring conditions are attached to the consent but are only required if requested by the Manager.

The consent is proposed to expire on 31 May 2021 to coincide with other groundwater takes within the aquifer conforming with an integrated approach to resource management outlined in Policy 6.4.13 of the ACRP:ALW.

A consent condition provides for reviews concurrently with all other consents in the aquifer at five yearly intervals.

The quarry has been operating for many years and in particular since the granting of consent on 27 August 2002, without there being any recorded adverse affects relating to the abstraction of groundwater.

Overall the effects on the environment by the granting of this consent, are considered no more than minor.

### **3.3 CONSIDERATION OF PART 2 OF THE RMA, RELEVANT POLICY STATEMENTS, PLANS, OBJECTIVES AND POLICIES**

As a controlled activity, any assessment against Part 2 of the RMA and policies and objectives of relevant plans is limited to those matters to which Council has reserved its control as listed in Rule 6.5.40. Further this is a controlled activity under the provisions of the ACRP: ALW, which has been developed with regard to the relevant provisions of Part 2 of the RMA and the Auckland Regional Policy Statement (ARPS) and the relevant objectives and policies of the ACRP: ALW.

#### **3.3.1 Hauraki Gulf Marine Park Act and New Zealand Coastal Policy Statement 2010**

For the coastal environment of the Hauraki Gulf, sections 7 and 8 of the Hauraki Gulf Marine Park Act (HGMPA) must be treated as a New Zealand coastal policy statement. Section 7 recognises the national significance of the Hauraki Gulf, its islands and catchments, while section 8 outlines the objectives of the management of the Hauraki Gulf, its islands and catchments. The objectives are intended to protect, maintain and where appropriate enhance the life supporting capacity of the environment of the Gulf and its islands.

As stated above, it is considered that in context of the nature of the proposed activity, the site and locality characteristics, and the above assessment of effects of the

proposed activity on the environment; the proposal is consistent with the provisions of the Hauraki Gulf Marine Park Act. It is considered that the proposal would not have any adverse effects on these matters of national significance.

The NZCPS is relevant to this application. The purpose of the NZCPS is to state policies in order to achieve the purpose of the RMA, in relation to the coastal environment of New Zealand.

The relevant policies of the NZCPS include the preservation of the natural character of the coastal environment which includes protection from inappropriate subdivision, use and development; protecting areas of significant indigenous vegetation and habitats of indigenous fauna in that environment; protecting the following features which are essential or important elements of the natural character of the coastal environment: landscapes, seascapes and landforms, areas of spiritual, historical or cultural significance to Maori and significant places of historic or cultural significance; protecting the integrity, functioning and resilience of the coastal environment; and to restore and rehabilitate the natural character of the coastal environment.

The relevant provisions of the NZCPS have been considered and it is concluded that the proposal is consistent with the NZCPS because the proposal will not affect groundwater flows in the adjacent stream which forms part of the headwaters of the Rangitopuni Stream. The Rangitopuni Stream discharges into the upper reaches of the Waitemata Harbour. Discharge to the stream from pumping groundwater will enhance flows during low flow periods and therefore is likely to have a positive effect.

### 3.3.2 Objectives and Policies of the ARP: ALW

The relevant objectives and policies of the ARP: ALW are as follows:

#### Objective 6.3.1

*To maintain **water availability** for consumptive use, to enhance access to water resources and to minimise **wastewater** generation so that the people of the Auckland Region can provide for their social, economic and cultural well-being.*

**Objective 6.3.3**

To maintain the quantity and levels of water in the Region's **aquifers** in the long term so as to safeguard spring flows, stream **base flows**, water quality, and geothermal temperature and **amenity**.

**Policies**

## 6.4.35

- (e) *The taking of groundwater will not cause adverse interface effects on neighbouring bores to the extent where the neighbouring bore owners is prevented from obtaining their lawfully established water requirements. This requirement will not apply to in the following circumstances:*
- (i) *where it is practicably possible to locate the pump intake at a greater depth within the affected bore*
  - (ii) *where it can be demonstrated that the bore accesses, or could access, the resource at a deeper level within the same aquifer, if drilled or cased to a greater depth;*
- (h) *Mitigation option have been incorporated where appropriate, including but not limited to:*
- (i) *alternative rates and timing of takes;*
  - (ii) *providing alternative water supplies; or*
  - (iii) *water conservation options in times of reduced water availability; and*
- (i) *Monitoring of a type and scale appropriate for the activity has been incorporated, including but not limited to:*
- (i) *measurement and recording of water use;*
  - (ii) *measurement and recording of water flows and levels; or*

(iii) *sampling and assessment of water quality and freshwater biota*

It is considered that the proposed take would be consistent with the objective and relevant policies of the ACRP: ALW.

### **3.4 DURATION OF CONSENT**

It is recommended that the consent expires on 31 May 2021, with provision to review the conditions in 31 May 2016, and at five yearly intervals thereafter. This recommendation is made in accordance with policy 6.4.13 of the ACRP: ALW which provides for the setting of concurrent duration and review dates of consents within a catchment or aquifer. Other water take consents from the Rangitopuni Waitemata aquifer expire in 2021 and this will coincide with the expiry date recommended for the applicant.

### **3.5 LAPSING OF CONSENT**

Section 125 of the RMA provides that if a resource consent is not given effect to within five years of the date of the commencement (or any other time as specified) it automatically lapses unless the consent authority has granted extension. In this case, it is considered one year is an appropriate period for the consent holder to implement the consent due to the nature and scale of the proposal.

### **3.6 CONCLUSION**

The application is for a consent renewal to take up to 100 m<sup>3</sup>/day and 15,000m<sup>3</sup>/year of groundwater from a quarry pit located within the Rangitopuni Waitemata Group aquifer. The abstraction point is more than 1.0 kilometre from the nearest neighbouring groundwater take and is not located within a "High Use Aquifer Management Area". Control is limited for this activity to the location and depth of the groundwater take and its potential to affect existing groundwater takes. The operation has been ongoing for many years without any recorded effects on the groundwater resource or neighbouring groundwater takes.

The volume of groundwater estimated by the applicant to be entering the pit each day is in the order of 10 m<sup>3</sup>/day. The groundwater mixes with surface water runoff in the pit and therefore it is difficult to determine the groundwater volumes abstracted. There has been no requirement by the Council for the applicant to measure pumped

groundwater volumes to date and it is concluded there is no reason at this stage to require meter readings to be taken by the applicants. Conditions of consent however provide for the installation of a meter if required by the Manager should there be a need to do so and if so for the applicant to take meter readings at a weekly interval.

It is considered that the renewal of this consent and the granting of the application will not cause any significant effect on the environment. Overall the effects of the activity proposed in this application are considered no more than minor.

## SECTION 4 – RECOMMENDATION, DECISION AND CONDITIONS

### 4.1 ADEQUACY OF INFORMATION

It is considered the information submitted by the applicant is sufficiently comprehensive to determine that the proposed activity is a controlled activity under the ACRP: ALW.

### 4.2 RECOMMENDATION

It is recommended that pursuant to sections 104, 104A and 108 of the Resource Management Act 1991 subject to the conditions in section 4.4, consent is **granted** to the controlled activity application (number 39018) by Lawson and Zambucka Ltd:-

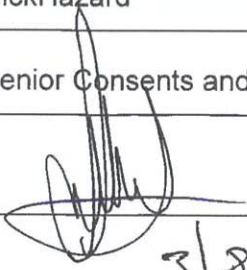
To take up to 100 m<sup>3</sup>/day and no more than 15,000 m<sup>3</sup>/year of groundwater from the Rangitopuni Waitemata aquifer for the purposes of dewatering a quarry pit and to use groundwater for dust suppression

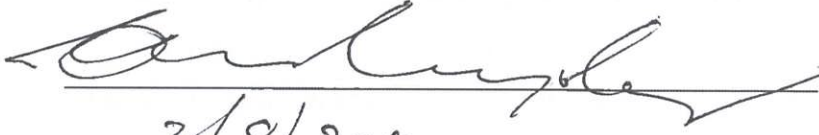
at 132 Robinson Road Coatesville, being Lot 1 DP120864 and Pt Allotment 103 Parish of Paremoremo, subject to the conditions set out in 4.4 below for the following reasons.

1. The proposal is a controlled activity under Rule 6.5.38 and under Section 104A of the RMA, Council must grant consent to a controlled activity.
2. The proposal has been considered in terms of the matters to which Council has reserved its control under Rule 6.5.40 and any adverse effects can be remedied, avoided or mitigated through the imposition of conditions.




3. The proposal is considered to be consistent with the relevant objectives and policies of the ARPS and the ACRP: ALW, in particular the avoidance of adverse effects on the region's groundwater.

Recommended by: Nick Hazard  
 Title of Reporting Officer: Senior Consents and Compliance Adviser  
 Signed:   
 Date: 3/8/2011

Report Reviewed by: Greg Murphy  
 Title: Team Leader – Water Allocation Consents and Compliance  
 Signed:   
 Date: 3/8/2011

#### 4.3 DECISION

Acting under delegated authority pursuant to Section 34A of the RMA and for the reasons set out in the above recommendations, Consent Number 39018 **shall be granted** as recommended, subject to the conditions set out in section 4.4

Team Manager: Greg Murphy  
 Title: Team Leader – Water Allocation Consents and Compliance  
 Signed:   
 Date: 3/8/2011

#### 4.4 CONDITIONS

Consent shall be subject to the following conditions:

##### **General**

1. Pursuant to section 36 of the RMA, this consent (or any part thereof) shall not be exercised until such time as all charges in relation to the receiving, processing and granting of this resource consent are paid in full.
2. The proposal shall be in accordance with the plans and information submitted with the application and numbered 39018 by the Auckland Council (AC), subject to such amendments as may be required by the following conditions of this consent.
3. The proposed take shall be limited to 100 m<sup>3</sup> per day and 15,000 m<sup>3</sup>/year from the Rangitopuni Waitemata aquifer at 1743560mE 5936470mN map reference.
4. The servants or agents of the AC shall be permitted access to the relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
5. This consent shall expire on 31 May 2021 unless it has lapsed, been surrendered or been cancelled at an earlier date, pursuant to the RMA 1991.

##### **Specific Conditions**

6. Legal description of the abstraction site

Take located on Pt Allotment 103 Parish of Paremoremo.

##### Legal description of where water will be used

Lot1 DP120864 and Pt Allotment 103 Parish of Paremoremo

##### **Authorised Quantities for Take and Use**

7. (i) The daily abstraction shall not exceed 100 cubic metres

(ii) The annual abstraction over the 12 month period commencing 1 June of any year and ending 31 May of the following year shall not exceed 15,000 cubic metres.

### **Monitoring**

8. If required by the Manager in writing, a meter with an electronic pulse output on any replacement meter which measures the total quantity of water being taken, shall be installed on the outlet of the pump. The water meter must be capable of measuring to an accuracy of at least plus or minus 5% and it is to display to at least 1 cubic metre. The meter must be fit for the purpose and water it is measuring, and be tamper-proof and sealed. The meter is to be installed to the manufacturer's specifications and to the satisfaction of the Manager.
9. The meter, if required, shall be maintained in accordance with the requirements of Conditions 8 and in working condition at all times.
10. Confirmation of accuracy of the meter, installed on the outlet of the pump according to Condition 8, shall be submitted in writing to the Manager within one month of the installation of the meter.
11. The meter, if required under Condition 8 above, shall be recalibrated or the meter replaced every five years during the term of this consent. Confirmation of recalibration or replacement shall be submitted in writing to the Manager in May 2016 and subsequently at intervals of not more than five years thereafter to ensure the accuracy of the meters are maintained.
12. The meter, if required under Condition 8, above shall be read at weekly intervals and records kept of each date and corresponding water meter reading.
13. The records of water meter data collected in accordance with Conditions 12 for the preceding quarter shall be submitted to the Manager, by no later than 10 working days after 28 February, 31 May, 31 August and 30 November each year.

**Review Conditions**

14. The conditions of this consent may be reviewed by the Manager pursuant to Section 128 of the Resource Management Act 1991, by the giving of notice pursuant to Section 129 of the Act, in May 2016, and subsequently at intervals of not less than five years thereafter in order;
- (a) to vary the quantities, monitoring and reporting requirements, and performance standards in order to take account of information, including the results of previous monitoring and changed environmental knowledge on;
- (i) water availability, including alternative water sources;
- (ii) actual and potential water use;
- (iii) groundwater levels; and groundwater quality.
- (b) to deal with any adverse effect on the environment arising or potentially arising from the exercise of this consent

**Advice Notes**

1. The Resource Consent Holder is advised that they will be required to pay to the Council any administrative charge fixed in accordance with Section 36(1) of the Resource Management Act 1991, or any additional charge required pursuant to Section 36(3) of the Resource Management Act 1991 in respect of this consent.
2. The Resource Consent Holder is advised that the date of the commencement of this consent will be as determined by Section 116 of the Resource Management Act 1991, unless a later date is stated as a condition of consent. The provisions of Section 116 of the Resource Management Act 1991 are summarised in the covering letter issued with this consent.
3. The Resource Consent Holder is advised that, pursuant to Section 125 of the Resource Management Act 1991, this resource consent lapses on the expiry of five years after the date of commencement of this consent unless the consent is given effect to or other criteria contained within Section 125 are met.

4. The Resource Consent Holder is advised that, pursuant to Section 126 of the Resource Management Act 1991, if this resource consent has been exercised, but is not subsequently exercised for a continuous period of five years, the consent may be cancelled by the Council unless other criteria contained within Section 126 are met.

## **SECTION 5 – DEFINITIONS**

AC:	means Auckland Council
Manager:	means Team Leader, Consents & Consents Compliance – Water, AC, or nominated AC staff acting on the Manager's behalf
ACRP:ALW	Means Auckland Regional Plan: Air Land and Water October 2010
RMA:	means Resource Management Act 1991 and further amendments

LYNDALE HOLDINGS

AIR DISCHARGE DECISION

- (a) That an air discharge permit be granted as detailed below

Discharge Permit Number A24868

Grantee: Lyndale Holdings Ltd

Date of Expiry of Permit: 30 September 2013

Purpose of Permit: To control the discharge of contaminants to air

Site Address: 132 Robinson Road, Coatesville

Legal Description: Pt 103 SO 11171

- (b) Conditions of Permit

That the permit be subject to the following conditions:

1. That this resource consent be granted by the Rodney District Council, subject to its servants or agents being permitted access to the relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
2. That the Rodney District Council may at any time on the giving of not less than 3 months notice in writing serve notice on the consent holder of its intention to review any of the conditions of this consent for any of the following purposes:
  - (i) To deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
  - (ii) To require the discharge permit holder to adopt the best practicable option to remove or reduce any adverse effect on the environment; or
  - (iii) To deal with any other adverse effect on the environment on which the exercise of the consent may have an influence.
3. That in accordance with section 15(1)(c) of the Resource Management Act 1991, no alterations shall be made to plant or processes which will change the nature or quantity of contaminants discharged to air unless expressly allowed by this consent, another consent, a regional rule or regulations under the Resource Management Act 1991.
4. That all mitigation measures to reduce the discharge of contaminants to air shall be carried out in accordance with those outlined in Air Discharge Permit Application No. A24868 and the accompanying supporting documents. These include Application Document, Draft Quarry Management Plan and Assessment of Environmental Effects of Discharges to Air : Coatesville Quarry, Bartley Consultants, June/July 1998. Additional measures identified in paragraph 6 of this report shall also be carried out.
5. The processes shall be operated by the resource consent holder in such a manner and the operations supervised and the plant maintained so as to ensure that discharges of contaminants to air are kept to the minimum (practicable) level.

6. That the resource consent holder shall ensure all persons and contractors on site are aware of and comply with relevant consent conditions.
7. That beyond the boundary of the site of the consent holder's premises there shall be no dust nuisance from the on-site operations which, in the opinion of an enforcement officer, are objectionable or offensive.
8. That water sprays may be required to suppress dust arising from all crushing, screening and transfer operations, such that dust emission is minimised.
9. That stockpiles shall be positioned to minimise the potential for dust nuisance outside the boundary and suppress emissions from stockpiles by the use of cloth screens or water sprays as necessary.
10. That the resource consent holder shall limit vehicle speed in dry weather to such speed that dust emission is minimised.
11. That stripping of vegetation and soil shall be kept to a practicable minimum. Restoration and vegetation of quarried and overburden areas is to proceed progressively as areas are quarried or filled, as described in the application documents.
12. That the resource consent holder shall log all complaints received. This log shall include:
  - (i) The date, time, position and nature of the complaint;
  - (ii) The name, address and telephone number of the complainant;
  - (iii) Action taken by the company to remedy the problem.

The log shall be made available upon request, during operating hours, to an enforcement officer.
13. The resource consent holder shall pay to the Rodney District Council any administration, monitoring and supervision charge fixed in accordance with section 36(1) of the Resource Management Act 1991, or any additional charge required pursuant to section 36(3) of the Resource Management Act 1991, payable in respect of this resource consent.

#### Reasons

1. The proposal will have no detrimental effect on the environment subject to full compliance with the imposed conditions.
2. The air discharge permit has been granted for only the part of the site referred to as Pt 103 SO 11171. The air discharge permit for Lot 1 DP 120864 has been refused consistent with the decision to refuse the land use consents sought for quarrying, processing demolition material, disposal of cleanfill, and processing topsoil (refer to RDC application number L24447).
3. In granting the consent the Commission considered the wider adverse effects of the existing quarry operating on Pt 103, particularly the heavy traffic and dust associated with the use of the roads, and noted that in this case a land use consent is in place, granted in 1976, and that this was the most appropriate procedure through which to determine such matters, and that it was not considered appropriate to impose further conditions through the air discharge consent.

Name:  
Position:

*[Signature]*  
Compliance Manager

Date:

*8th July 1999*

**SUBJECT: APPLICATIONS 11945 & 12531 BY LYNDALE HOLDINGS LTD FOR A RESOURCE CONSENT TO DIVERT AND DISCHARGE WATER AND UNDERTAKE WORKS WITHIN A WATEROURSE AT ROBINSON ROAD, COATESVILLE.**

**FROM:** Senior Water Resources Engineer                      **FILE:** C512-10-11945  
Environmental Management

**TO:** Group Manager    **DATE:** 18 June 1998  
Environmental Management

---

(This report is confidential until it has been considered and is not to be construed as Council policy until adopted).

## **1. APPLICATION**

Applicant: Lyndale Holdings Ltd.

Location: Robinson Road, Coatesville

Proposal: To divert and discharge water and to undertake works within watercourses during the operation of an existing quarry.

## **2. NOTIFICATION**

Pursuant to the provisions of Section 94 of the Resource Management Act, this application was not notified.

## **3. REPORT**

### **3.1 Introduction**

This application by Lyndale Holdings Ltd is to divert and discharge water and carry out works within watercourses during the operation of an existing quarry.

In order to limit the discharge of sediments from the quarrying operation that can be picked up by stormwater it is necessary to construct a number of minor channels to capture and convey stormwater around working areas. Two culverts are also to be installed under access roadways.

There are a number of other consents that Lyndale Holdings are required to obtain also. This report does not cover those activities, which will be the subject of separate consent applications, and independent decisions.

### **3.2 Description of Proposal**



The applicant, Lyndale Holdings Ltd has applied for a number of consents related to the operation of an existing quarry at Robinson Road, Coatesville.

This application relates to the construction of a number of minor internal channels to convey water around working areas, together with the construction of a couple of culverts under access roadways. These consents are being processed separately from the other applications as the reasons for requiring these proposed channel works, and culverts, are limited to the internal workings of the quarry operation.

The applicant has supplied a table enumerating the contributing catchment size together with the associated flows channel depths and widths.

### **3.3 Evaluation and Assessment of Effects**

There is an existing quarrying operation being undertaken on this site. This assessment is limited to the potential adverse effects of the construction of the proposed channels and culverts. No additional areas are being added to the existing discharges. Water entering the property will leave the property at its present location. The main change is the location of some lengths of the watercourse which are being re-routed to avoid working areas. Any adverse effects should be contained within the applicant's site.

The proposed channel sizes are adequate to convey the estimated flows past the working areas. The channels should be constructed at times of no flow if the streams dry up, or at low flow if the streams flow all year with flows being passed around the area of construction to limit potential sedimentation. Estimated velocities within the channels are low, typically less than 1.6 metres per second. Consequently, erosion of channels should not be a problem. Nevertheless a special condition requiring inspection and maintenance of the channels has been included.

It is expected that the channels around the working areas will need to be shifted at some time in the future, and this consent will allow for that eventuality.

### **3.4 Conclusion**

The works envisaged are related to internal works necessary to keep water runoff away from working areas. The precise location of the channels is not critical. The capacity of the proposed channels is adequate to convey the estimated quantities and have been dimensioned according to the contributing catchment. Should inspections of the channels show problems of erosion then maintenance of those channels will be required.

It is expected that the channels around the working areas will need to be shifted at some time in the future. These consents are to cover such future operations.

## **4. RECOMMENDATION**

It is recommended that a resource consent be granted subject to the conditions stated on the consent document appended to this report.

It is to be noted that the granting of these consents does not imply approval for other activities at the quarry which may require separate consents to be obtained.

A handwritten signature in black ink, appearing to read "T Rix-Trott", with a long horizontal flourish extending to the right.

T Rix-Trott  
**Senior Water Resources Engineer**

**AUCKLAND REGIONAL COUNCIL**

**RESOURCE CONSENT**

**Granted Pursuant to the Resource Management Act 1991**

**CONSENT NOS. 20234 & 21324**

**CONSENT HOLDER:** Lyndale Holdings Ltd.

**FILE REFERENCES:** 11945 & 12531

**CONDITIONS OF CONSENT:**

Date of Expiration of Permit: 31 December 2033

Purpose of Consent: To divert and discharge water and undertake works within a watercourse related to quarrying operations.

Works: Construction of open channels.

Site Location: Robinson Road, Coatesville

Legal Description of Land on which works to be undertaken: Lot 1 DP 120864 CT 70B/15 Pt Section 103 Paremoremo

Territorial Authority: Rodney District Council

Map Reference: NZMS 260 R10 540982

**STANDARD CONDITIONS OF CONSENT:**

1. That the servants or agents of the Auckland Regional Council shall be permitted access to the relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
2. That the Auckland Regional Council (or where the consent relates to a Restricted Coastal Activity, the Minister of Conservation) may at any time on the giving of not less than 3 months notice in writing serve notice on the consent holder of its intention to review any of the conditions of this consent for any of the following purposes :
  - i. To deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
  - ii. To require a discharge permit holder to adopt the best practicable option to remove or reduce any adverse effect on the environment; or

- iii. To deal with any other adverse effect on the environment on which the exercise of the Consent may have an influence.

**SPECIAL CONDITIONS OF CONSENT:**

1. That the works shall be constructed generally in accordance with drawings Project No 9218 Sheets 1A & 4 supplied as supporting information by the Consent Holders Consultants/Agents. Any amendments affecting the capacity of the channels shall be approved by the Group Manager, Environmental Management prior to construction.
2. That the minimum channel sizes shall be in accordance with the table contained in the letter dated May 2, 1998 from Bartley Consultants.
3. That the construction of channels shall be undertaken at times of no flow if possible, and if not, then the low flow shall be passed around the area of construction so that construction may take place in the dry in order to prevent the discharge of sediment from the immediate site during construction.
4. That the channels shall be inspected on a regular basis, and, if showing signs of erosion, maintenance be undertaken to control that erosion.

**ADVICE NOTES:**

1. That the granting of this consent does not absolve the consent holder from obtaining any other permits or consents that may be necessary for the quarry operation nor does it imply approval for other activities at the quarry which may require separate consents to be obtained.
2. The consent holder is advised that they will be required to pay to the Auckland Regional Council any administrative charge fixed in accordance with s.36(1) of the Resource Management Act 1991, or any additional charge required pursuant to s.36(3) of the Resource Management Act 1991, in respect of this resource consent.

**This Consent has been granted by the Auckland Regional Council pursuant to the Resource Management Act 1991. The date of commencement of this consent is determined by Section 116 RMA, unless a later date is stated as a condition of this consent. The provision of Section 116 RMA are summarised in the covering letter issued with this consent.**

K E Connolly  
Group Manager  
Environmental Management  
Auckland Regional Council



15 June 2011

Lawson & Zambucka Limited  
222 Blockhouse Bay Road  
Avondale  
Auckland 1007

FILE COPY

Dear Sir or Madam

**RESOURCE CONSENT - DECISION ON APPLICATION**

**Application Details:**

File Ref: 10293, 12532

Application Number:	38779,
Applicant:	Lawson & Zambucka Limited
Activity Type:	Quarry
Location:	132 Robinson Road Coatesville Rodney District

The Auckland Council has assessed and resolved to **grant** the above Resource Consent application. A report detailing the decision is enclosed. Included with the report are the Resource Consent permits, which contain the conditions that must be met when undertaking the activities.

For information about your right to object or appeal this decision, please refer to the 'Objections and Appeals' information sheet enclosed. Also enclosed is a booklet entitled 'Now You Have Your Resource Consent', which provides important information relating to the on-going exercise of your Resource Consent. Please take time to read this material.

The above Resource Consent will commence on 15 June 2011, in accordance with Section 116 of the Resource Management Act (1991).


The Auckland Council has extended the time limit for issuing a decision for the above application, in accordance with Section 37A(4)<sup>1</sup> of the Resource Management Act 1991, which allows time periods to be extended but not more than doubled.

In extending this time frame the following matters have been considered:

- The interests of any person who may be affected by the extension
- The interests of the community in achieving an adequate assessment of the proposal
- Council's duty to avoid unreasonable delay

If you have any queries regarding the decision on the consent application, please contact Samantha Langdon on 352 2722, and quote the application number.

Yours faithfully



**Sirisha Arepalli**  
Consents Administrator  
Natural Resources & Specialist Input Unit

<sup>1</sup> Section 37A(2)(a) if the application was accepted before the 1 October 2009 or Section 37(1) if the application was accepted before the 1 August 2003

## Objection and Appeal Information Sheet

### RIGHT OF OBJECTION (Applicant only)

Unless a Resource Consent application has been declined by the Auckland Council, the Applicant has the right to object to the Council in respect of the decision on an application if:

- a) the application was not notified; or
- b) the application was notified, but any submissions received have subsequently been withdrawn.

The reasons for objections under Section 357 of the Resource Management Act 1991 must be set out in writing and received by the Team Leader, Consents & Compliance Administration, Natural Resource & Specialist Input Unit, Auckland Council, within 15 working days of you receiving this letter.

The Council will consider the objection, and if a resolution cannot be reached, a hearing on the objection will be held. If a hearing is necessary you (the Applicant) will be contacted regarding the arrangements for this. If you are dissatisfied with the decision on your objection, you can appeal to the Environment Court under Section 358 of the Resource Management Act 1991, as outlined below.

### RIGHT OF APPEAL

The Applicant and/or Submitters may appeal the Council decision under Sections 120 and 358 of the Resource Management Act 1991, as outlined below.

### LODGING AN APPEAL

If you decide to lodge an appeal with the Environment Court under sections 120 or 358 of the Resource Management Act 1991 you must do so:

- a. within 15 working days of receiving this letter; or
- b. within 15 working days of receiving notice of the Council's decision on your objection on costs.

Refer to the Practice Notes of the Environment Court before lodging any proceedings. These Practice Notes give you a guide to the practice and procedure of the Environment Court. You can find the Practice Notes on the Ministry of Justice's website: [www.courts.govt.nz/courts/environmental-court](http://www.courts.govt.nz/courts/environmental-court)

You should also refer to the Resource Management (Forms, Fees, and Procedures) Amendments Regulation 2006 for the correct form for your proceedings. These forms are available on [www.mfe.govt.nz](http://www.mfe.govt.nz).

A cost of lodging most appeals with the Environmental Court is \$511.11 GST inclusive.

If you are in any doubt about the objection or appeal procedures you may wish to contact this office, or consult a lawyer, for further information.

## AUCKLAND COUNCIL

### Notification Determination and Resource Consent Decision Report

#### Restricted Discretionary Activity

**SUBJECT:** Application to continue quarrying and associated earthworks at Coatesville Quarry located 132 Robinson Road, Coatesville.

**FROM:** Michael Dunphy – Consultant Environmental Planner  
 Samantha Langdon – Consents and Compliance Advisor – Earthworks

**TO:** Roger Bannister, Team Leader - Earthworks and Contaminated Land

**DATE:** 7 June 2011

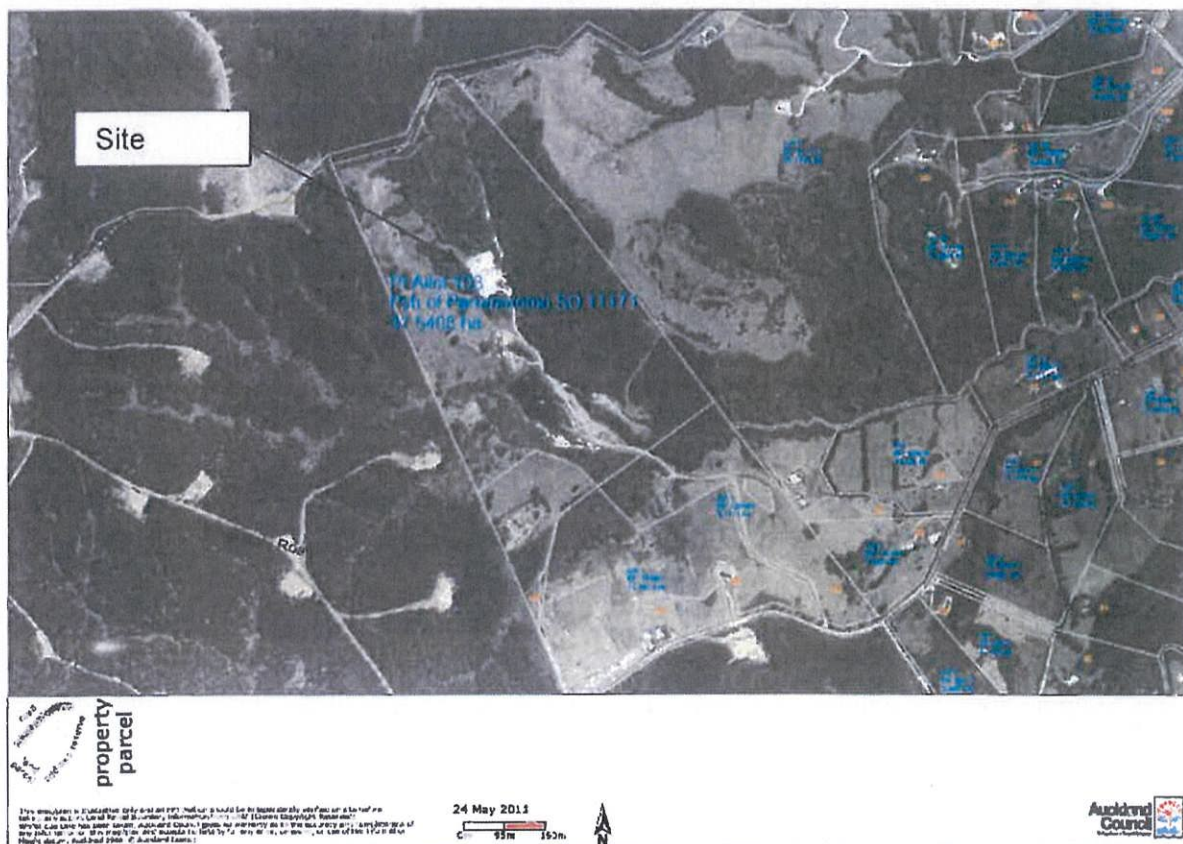
### SECTION 1 – DESCRIPTION OF APPLICATION

#### 1.1 APPLICATION DETAILS

Applicant's Name:	Lawson & Zambucka Ltd
Consent Number:	38779
File Numbers:	10293
Date Application Received:	30 November 2010
Date Application Accepted:	30 November 2010
Site Address/Location:	132 Robinson Road, Coatesville
Date of Site Visit:	15 March 2011
Approximate Map Reference (NZTM):	1743400mE, 5936600mN

Site and Earthworks Area:	Total area = 46.6919ha
Legal Description:	LOT 1 DP 120864 PT ALLOT 103 PAREMOREMO PSH BLK II
Further Information Required:	Yes – 19 April 2011
Significant/Cultural Heritage features:	No
Tangata Whenua Significant Site:	No
Significant Natural Heritage Areas and Values:	No
Relevant Territorial Authority:	Rodney District

**1.2 LOCATION MAP**





### 1.3 APPLICATION DOCUMENTS (PLANS AND REFERENCE DOCUMENTS)

A summary of the plans and reference documents associated with the application can be found in section 5.2 of the application report.

### 1.4 DESCRIPTION OF PROPOSAL

#### 1.4.1 Existing Operation

The applicant proposes to continue the quarrying of aggregate at the existing Coatesville Quarry at 132 Robinson Road, Coatesville. The quarry is owned and operated by Lawson & Zambucka Ltd (LZL). The quarry has operated at the site for over 35 years although over the last four to five years, only very small volumes of quartz sand from the "Quartz Pit" have been removed on an intermittent basis.

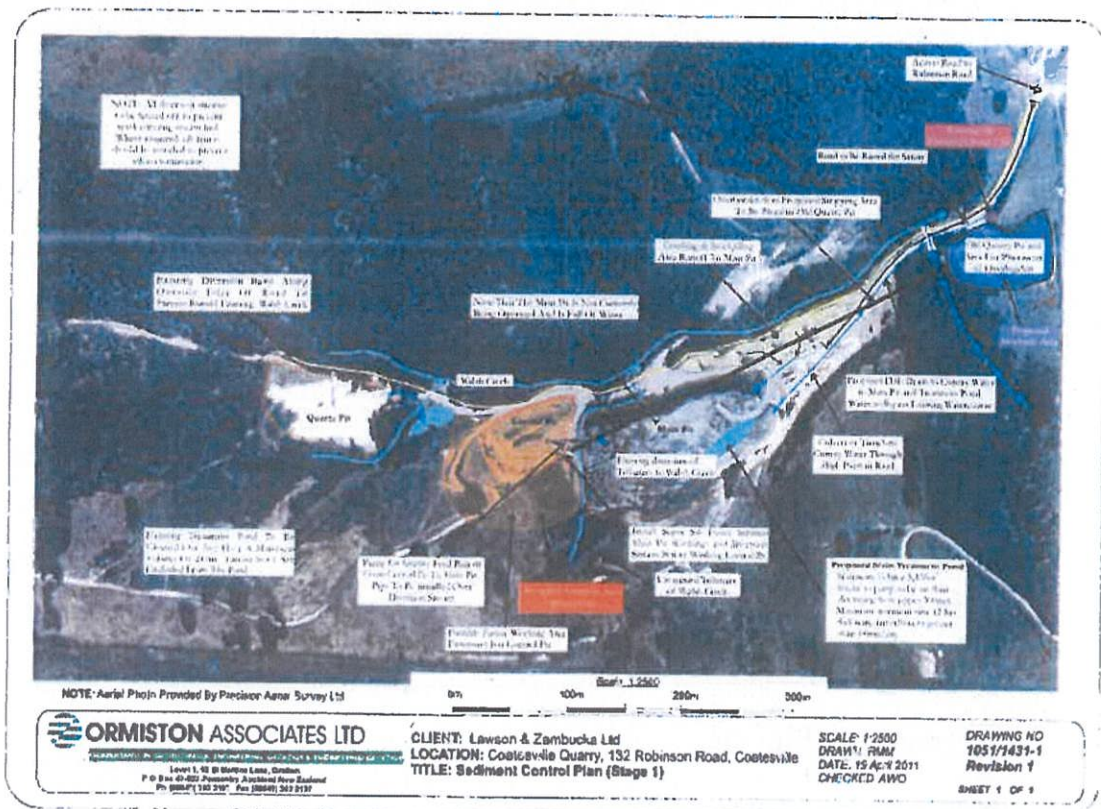


Figure 2 – Site Details

Coatesville Quarry is a relatively small aggregate quarry extracting Albany Conglomerate comprising rounded boulders of predominately volcanic derived rock with minor mudstone within a sand/silt matrix. Processing is undertaken on the site and includes screening and stockpiling. A second small pit ("Central Pit") is operated on the property from which material is extracted for use as fill. This material is loaded directly onto trucks for removal off-site and not processed on-site. A third pit ("Quartz

Pit”), is operated on the property from which sand material is extracted and removed off-site without the need for processing. An old Quarry Pit is to be used for placement and storage of overburden from the Central Pit when quarrying resumes.

The site has is continuing to operate under Permit No 27703 (expires on the 31 May 2011) and has a landuse consent for the operation authorised under TP/211/76 from Rodney District Council.

The site is presently operated in the following manner.

#### Main Pit

When the Main Pit is operational, the aggregate is extracted, crushed and screened all year round and is stockpiled on site prior to being transported off-site. The machinery utilised includes excavators, trucks and a crushing/screening plant. Various crushed products are stored in stockpiles adjacent to the crushing and screening plant and on the northern side of the access road.

The Main Pit has been worked as a series of batters individually up to about 15 metres in height and up to a maximum combined height of 30 metres. The pit is currently not in operation as it has become flooded with groundwater.

#### Central & Quartz Pits

The Central and Quartz Pits are also worked by excavators extracting the material and loading trucks.

#### Overburden

Overburden stripping is undertaken by excavator and transported by truck to the overburden dump site.

### **1.4.2 Future Operation**

The applicant proposes to continue the extraction at the subject site by continuing to quarry from the Quartz Pit as well as increasing the footprint of the Main Pit as detailed in Figure 2 above. The Main Pit will be drained of the groundwater and will be utilised as a sediment retention pond to treat discharges from the Central Pit and Old Quarry Pit areas.

An unnamed tributary of the Walsh Creek flows through a modified channel between the Central and Main Pits, however this is to remain untouched by the operation.

Although the footprint of works within the Quartz Pit remains the same as that authorised under Permit 27703, the Area of disturbance within the Central Pit will be increased. The applicant has indicated that a volume of 90,000bcm which equates to approximately 145,000 cubic metres of truck measure will be excavated from this area. Of this volume, approximately 20,000bcm will be clay material. The clay overburden is proposed to be deposited in the area of the Old Quarry Pit as outlined in Figure 2.

#### **1.4.3 Environmental Measures & Monitoring of Quarry Operation**

There is a number of existing erosion and sediment control measures already operational at the quarry. These predominately comprise of sediment retention ponds and diversion bunds. These controls are outlined in Figure 2 previously.

The applicant has proposed a Monitoring Management Plan which will be kept onsite at all times as well as keeping the existing water sampling regime.

#### **1.5 REASON FOR APPLICATION**

Consent is required under the provisions and rules of the following Regional Plan:

- Auckland Regional Plan: Sediment Control (ARP:SC) - Rule: 5.4.3.1

The quarry is located within the Sediment Control Protection Area (SCPA) and has a footprint greater than 1,000m<sup>2</sup> with a catchment greater than 1ha. Subject to Rule 5.4.3.1, the activity requires assessment as a restricted discretionary activity.

Overall, this application is considered as a **restricted discretionary activity**.

#### **1.6 SITE AND CATCHMENT / ENVIRONS DESCRIPTIONS**

The applicant has provided a site description which is paraphrased below. The long and relatively narrow property extends between Robinson Road and Escott Road, Coatesville and is comprised of two lots with a total area of 46.692ha. An all weather access road provides access downslope from Robinson Road to the main pit and to the smaller Quartz Pit located to the north-west of the Main Pit.

Walsh Creek is incised into the valley floor and runs through the site flowing generally from west to east in the main valley floor and extending roughly through the middle of the property. A major unnamed tributary flows from the south-west to the north-east and extends between the Main Pit and Central Pit and under the main access road to discharge into Walsh Creek.

The Main Pit is located in the valley floor. In addition, there is a small Central Pit located immediately to the north-west of the Main Pit and is separated from the Main Pit by an existing diversion of the unnamed tributary. The Main Pit has been excavated into a ridge and the floor level lowered below the surrounding ground level and the adjacent Walsh Creek. Settled water is normally pumped from an existing treatment pond located within the main pit floor to Walsh Creek. However, as the Main Pit has not been operated for four to five years, it has been allowed to fill with water and currently discharges via gravity to Walsh Creek.

A second smaller pit for the extraction of a weak sandstone and termed the "Quartz Pit" is located to the west of the Central Pit. This pit is at a slightly higher elevation and has been excavated into the main ridge.

A crushing/processing and stockpiling area is located on the northern side of the Main Pit and access road.

There are no dwellings on neighbouring properties or residentially zoned areas within 200m of the site. The nearest dwelling is approximately 1 km from the working quarry area. The vegetation on the site is comprised of a mixture of grass pasture with scattered clumps of mature bush.

The Walsh Creek ultimately flows into the Rangitopuni Stream catchment to discharge into the estuary adjacent to Riverhead. The Auckland Regional Plan Coastal (ARPC) describes this area as CPA57: *"This area is the best example of the muddy, mangrove-lined inlets of the inner Waitemata Harbour. The diversity and productivity of the flora and fauna is generally large with extensive beds of shellfish and abundances of birds and fish. Gradations between the marine environment and either natural freshwater or natural terrestrial systems are a major characteristic of the ramifying arms of the system. These arms are also important as pathways for migration by native freshwater fish. The saline vegetation is an important habitat for threatened secretive coastal fringe birds, particularly where it abuts terrestrial vegetation, which provides roosts and potential nest sites for birds."*

## 1.7 BACKGROUND / SITE HISTORY

The history of the site has been summarised in the applicant's AEE and the site has a number of consents granted by the Auckland Regional Council (ARC) as outlined below.

### 1.7.1 Existing "Live" Consents

- Permit 27703 was granted in 2002 for sediment control associated with the quarrying activities. This permit is due to expire on 30 May 2011 and the current application proposes to replace this consent.
- Permit 21324 was granted on the 22 June 2008 for the construction and on-going diversion of the unnamed tributary of the Walsh Creek. The permit expires on 31 December 2033.
- Permit 21326 was granted on the 27 August 2002 to enable the diversion and take of groundwater from the Main Pit to the Walsh Creek. The permit expires on 31 May 2011.

### 1.7.2 Other Applications to this Proposal

The applicant is intending to lodge an application to enable the dewatering of the Main Pit and continued discharge into the Walsh Creek.

## SECTION 2 – DETERMINATION OF NOTIFICATION MATTERS

### 2.1 STATUTORY PROVISIONS

An application for resource consent **must** be publicly notified if the activity will have or is likely to have adverse effects on the environment that are more than minor, if the applicant requests it or if a national environmental standard or a rule in a plan requires it.

An application **may** be publicly notified if special circumstances exist.

## **2.2 REQUEST FOR THE APPLICATION TO BE PUBLICLY NOTIFIED [SECTION 95A(2)(B)]**

Under section 95A(2)(b) the applicant has not requested that the application be publicly notified.

Once a proposal is deemed to be a restricted discretionary activity the assessment of effects is limited to those matters specified in the relevant regional plan to which the AC has restricted its discretion. The consent authority must be satisfied that the adverse effects of the activity will be minor. If the adverse effects are more than minor, the application must be publicly notified (s95(2)(a)). If the consent authority is satisfied that the effects of the activity will be minor, the application can be dealt with on either a limited notified or non-notified basis, depending on whether there are any affected persons and whether all the written approvals have been obtained.

## **2.3 REQUIREMENT FOR PUBLIC NOTIFICATION IN ACCORDANCE WITH A RULE IN A PLAN OR A NATIONAL ENVIRONMENTAL STANDARD (NES) (SECTION 95A(2)(C))**

The application is not required to be publicly notified, or notice served, in accordance with a rule in the Auckland Regional Plan: Sediment Control or an NES.

# **SECTION 3 – ASSESSMENT OF THE ADVERSE EFFECTS OF THE ACTIVITY ON THE ENVIRONMENT**

## **3.1 STATUTORY CONSIDERATIONS**

In addition to the overall assessment of the environmental effects section 95D sets out criteria to be used when forming an opinion as to whether adverse effects are minor or more than minor. Section 95D states that:

*"A consent authority that is deciding whether an activity will have or is likely to have adverse effects on the environment that are more than minor—*

*(a) must disregard any effects on persons who own or occupy—*

*(i) the land in, on, or over which the activity will occur; or*

- (ii) any land adjacent to that land; and*
- (b) may disregard an adverse effect of the activity if a rule or national environmental standard permits an activity with that effect (permitted baseline); and*
- (c) in the case of a controlled or restricted discretionary activity, must disregard an adverse effect of the activity that does not relate to a matter for which a rule or national environmental standard reserves control or restricts discretion; and*
- (d) must disregard trade competition and the effects of trade competition; and*
- (e) must disregard any effect on a person who has given written approval to the relevant application”.*

### **3.2 SECTION 95D - ASSESSMENT OF PERMITTED BASELINE**

It is considered there would be minimal assistance gained by comparing the effects of a relevant permitted activity to the proposal as the comparison is unable to provide an adequate baseline to properly assess the environmental effects.

### **3.3 ASSESSMENT OF EFFECTS (TO DETERMINE NOTIFICATION)**

The following assessment of the adverse effects of the activity on the environment addresses the activity's actual and potential effects; distinguishes the nature, extent and magnitude of the effects and the significance of their consequential effect on the environment; and identifies their impact (such as continuous or intermittent, or of a long or short term duration). Where appropriate, the assessment criteria of the Auckland Regional Plan: Sediment Control are used as the context for assessing the potential adverse environmental effects arising from the proposed works.

Undertaking land disturbance activities such as earthworks has the potential to generate and discharge sediment laden runoff, particularly during rain events. If uncontrolled, this discharge can cause deterioration of water quality within the receiving environment. This deterioration can lead to biological effects on aquatic life, transportation of other pollutants, stream blockages, effects on consumable water resources, damage to property and public utilities, and damage to aesthetic values.

To address these potential effects, the ARPSC requires land disturbance activities to employ methods which avoid, remedy or mitigate adverse effects on the quality of

water in waterbodies and coastal waters. The generally accepted methods for avoiding, remedying, or mitigating these adverse effects are outlined in Auckland Regional Council Technical Publication No. 90 "Guidelines for Land Disturbing Activities in the Auckland Region" (TP90).

As a restricted discretionary activity, the Auckland Regional Plan: Sediment Control restricts discretion under Rule 5.4.2.2 to the following matters:

- i. *Measures used to restrict or control sediment being transported from the site and the effects or impacts of sediment on water quality from the techniques chosen, including the practicality and efficiency of the proposed control measures;*
- ii. *The proportion of the catchment which is exposed;*
- iii. *The proximity of the operation to the receiving environment;*
- iv. *The concentration and volume of sediment that may be discharged;*
- v. *The length of time during the year which the bare surface is exposed;*
- vi. *The time of the year when the activity is undertaken;*
- vii. *The duration of the consent;*
- viii. *Monitoring the volume and concentration of any sediment that may be discharged;*
- ix. *Administrative charges under Section 36 of the RM Act;*
- x. *Bonds under Section 108(1)[A](b) of the RM Act; and*
- xi. *Provision for obtaining Environmental Benefits (Financial Contributions).*

Matters (i) to (v) have been addressed in the assessment of effects on the environment. It is considered that a bond is carried over from the existing permit (Permit No 27703). Matter (ix) is not deemed necessary to address in this report and matter (xi) is not applicable.



**3.3.1 Techniques used to restrict or control sediment being transported from the site and the effects or impacts of sediment on water quality from the techniques chosen, including the practicality and efficiency of the proposed control measures**

***Erosion & Sediment Controls***

The applicant has stated that all erosion and sediment control measures are to be upgraded to be in general accordance with the principles of ARC Technical Publication 90 "Guidelines for Land Disturbing activities in the Auckland Region" 1999 (TP90). These controls are illustrated in the Erosion and Sediment Control Plan and narrative provided with the application. Moreover, these controls are broadly similar to those approved under the previous earthworks consent (Permit No 27703).

In essence, the quarry contains a number of discrete working areas termed the "Old Quarry Pit"; "Main Pit"; "Central Pit" and the "Quartz Pit" which extend in a general east to west orientation. The site currently contains a sediment retention pond (SRP) to serve the Quartz Pit and the water-filled Main Pit treats runoff from the remainder of the working areas. The applicant is proposing to continue utilizing the Quartz Pit sediment pond and drain the Main Pit and install a sump to be retrofitted as a TP90 compliant pond. In this regard, sediment-laden water extending from the Central Pit eastwards will be treated by this new pond.

The overburden stripping from the Central Pit will be placed in the Old Quarry Pit which is located in the eastern portion of the site. This area will be served by an existing 72m<sup>3</sup> sediment pond with the flows from this pond discharging into the Main Pit sediment pond.

Other methods in accordance with TP90, such as dirtywater diversion bunds/channels are used to convey the sediment-laden water to the sediment ponds as well as reducing the overall catchment area. In addition, progressive stabilisation is used to minimise the potential for sediment generation and reduce sediment yields into the sediment ponds.

The alignment of culverts and watercourses throughout the property will not be altered.

Calculations have been provided by the applicant of the storage capacity of the various sediment ponds as itemised below:

- Main Quarry Pit SRP. This will serve the catchments from the Main Pit, Central Pit, Old Quarry Pit and the Crushing/Stockpiling area with a total catchment of 4.79ha. The Main Pit will be drained and the SRP excavated to comply with the 3% criteria with a minimum volume of 1,435m<sup>3</sup> with discharge of treated water pumped to the Walsh Creek. However, the overall pit also provided storage capacity in the event of extreme rainfall events.
- Quartz Pit SRP. The catchment working area of the Quartz Pit is approximately 0.8ha and using the 3% criteria will require a pond volume of some 245m<sup>3</sup>. Although the pond is currently in the order of 450m<sup>3</sup>, aspects of the pond (e.g. decants, forebay) will be required to upgrade to TP90 specifications and this has been included as a condition of consent.
- Old Quarry Pit SRP. The backfilled quarry pit will have an area of 0.36ha and will utilise the existing 72m<sup>3</sup> SRP as pre-treatment before discharging into the Main Pit SRP.

In essence, the proposal has demonstrated that the quarry can be treated by TP90 compliant devices to ensure that sediment discharges from the site are minimised. The above comments are supported by the compliance monitoring of the existing consent with the sampling indicating that the ponds have been effective measures.

### ***Management Plans***

The applicant has proposed a monitoring program be undertaken by the Quarry Manager based on the frequency and parameters of the existing permit (Permit No 27703). In addition, the site will require rainfall monitoring as well as sampling of the discharged waters to ensure that the sediment ponds and other devices continue to be effective measures. These aspects have been made a condition of consent and build upon the conditions within the previous consent.

To assist with the forward planning, a condition of consent has been included which requires the provision of an Annual Management Plan (AMP) to be provided to Council on a yearly frequency. This is a common approach with quarries in the Auckland region and includes aspects such as:

- Details and plans of all erosion and sediment control measures to be employed on site;
- The location and design specifications for sediment control measures that are currently in use on site;
- A staging methodology to show the intended location of earthworks to be undertaken including overburden stripping for the Central Pit;
- Works undertaken in the previous 12 months;
- The results of the 12 months of sampling as well as an assessment of the effectiveness of the erosion and sediment control measures.

It is considered appropriate that the AMP be submitted to Council on an annual basis no later than 10 working days after 30 June for the Manager's approval.

Overall, it is considered that, provided the applicant undertakes works in accordance with the Annual Management Plan and meets the requirements set out in the specific conditions proposed for the resource consent, the operation will have employed the best practical option (BPO) to minimise sediment discharges from the site.

### **3.3.2 The proportion of the catchment which is exposed.**

The applicant has requested consent for the earthworking to extend over the quarry pits although the emphasis will initially be with the Central Pit and the operating Quartz Pit. The sequencing is dictated by market demand. This results in a maximum area of approximately 5.96ha being available for extraction throughout the year and is similar to the scenario operating under Permit No 27703.

Given the nature and volume of the proposed works on site and the BPO approach to the management of sediment during earthworks, it is considered unnecessary to restrict the proportion of this catchment as any additional work will be subject to the conditions governing the AMP. If in the event that the sampling indicated an adverse effect due to an excessive area being open, Council will have the ability to close down areas by mulching/hydroseeding etc. Alternatively, chemical treatment of the SRP's may be required and the provision inclusion of a chemical sampling program has been made a condition of the AMP.

Overall, it is considered that the works will not result in adverse effects that are more than minor upon the receiving environment.

### **3.3.3 The proximity of the operation to the receiving environment.**

The proposed works are to be undertaken within the SCPA which is within 50m of Walsh Creek and the proposed controls discussed above will be employed to protect the receiving environment from potential sediment runoff. It is considered that the sediment controls proposed for the site are appropriate to mitigate any adverse effects of discharge on the immediate and wider receiving environment.

### **3.3.4 The concentration and volume of sediment that may be discharged.**

The applicant has not provided an estimate of the sediment yield for the site. However, it is recommended that USLE calculations be included with an Earthworks Management Plan to be submitted prior to the commencement of earthworks on site. This will allow the identification of sediment generation 'hotspots' around the site and allow specific erosion and sediment control measures to be applied to these areas. Conditions of consent have been included to this effect.

Monitoring of water quality in the Walsh Stream has previously been undertaken during times when the quarry has been operating and the applicant has provided some of the sampling results. The samples were collected following 15mm of rainfall in three locations – upstream, at the point of discharge and downstream with the following results:

- The sample taken upstream of the quarry discharge was 19 NTU and 9 g/m<sup>3</sup> suspended solids.
- At the point of discharge, the sample was 31 NTU and <1 g/m<sup>3</sup>.
- Downstream of the discharge point, the sample was 10 NTU and 8 g/m<sup>3</sup>

Although the results do not provide a statistically significant representation, previous years monitoring has supported the low yields being discharged from the quarry. This would suggest that the controls are appropriate, subject to amendment for the receiving environment and the applicant has provided a similar style of monitoring and relative discharge measure and this is considered to be appropriate for this consent.

Any potential discharge of sediment from the site will discharge to the adjacent Walsh Creek which ultimately enters the Upper Waitemata Harbour via the Rangitopuni Stream. Within the immediate freshwater environment to which the discharge will eventually result, water quality may be degraded as a consequence of the earthworks, as discharges from the sediment control measures are likely to be turbid and cause discolouration of the water column. Having said this, the relative monitoring from the pond discharge has indicated that the water quality is within the same levels as the upstream catchment and in a number of instances is less than the background reading. This would suggest that the level and concentration discharged from the treatment devices are effective measures in reducing sediment yields into the receiving environment.

**3.3.5 The time during which the bare surface is exposed and the time of the year when the activity is undertaken.**

The application proposes to operate all year with progressive stabilisation of areas once brought up to grade. Although an "earthworks season" is normally imposed via consent conditions, in this instance it is considered appropriate to permit continuous earthmoving subject to compliance with the thresholds set by the discharge monitoring. This is because the monitoring has demonstrated that there is not an excessive volume of sediment being discharged relative to the baseline monitoring. Moreover, the potential for large storage capacity of the Main Pit with the proposed erosion/sediment controls and the requirement to submit an annual works program which serves to limit the works permitted, combine to ensure that the adverse effects from sediment are minimised in accordance with best practice protocols.

**3.3.6 Monitoring the volume and concentration of any sediment that may be discharged.**

The existing consent has strict conditions requiring event and threshold-based monitoring to determine the effect that the sediment discharges are having upon the coastal environment. Parameters include sediment and turbidity as mentioned previously. Historical compliance monitoring records have indicated that the quarry is operating in accordance with these thresholds and therefore the adverse sediment effects are less than minor.

Sediment control measures will be inspected to ensure effective operation on a daily basis or after a significant storm event during construction by the contractor. The

applicant's representative will also inspect the sediment control measures on their regular site inspections.

The applicant is proposing to undertake regular monitoring of any sediment discharges via a monitoring regime as well as a fortnightly schedule of inspection. This regime is based along a similar regime to that employed during the quarry operation with no demonstrated adverse effect. Consequently, the monitoring program is considered appropriate.

### **3.4 CONCLUSION**

Whilst it is noted that the erosion and sediment controls installed on site do not strictly comply with TP90, it is accepted from previous discharge monitoring that their sediment removal efficiencies are appropriate. Accordingly, provided the applicant meets the requirements set out in the Specific Conditions proposed for the resource consent, the operation will have employed the Best Practicable Option (BPO) to minimise sediment discharges from the site. Consequently, any sediment yield that may result from the activity will not have adverse effects that are more than minor on the immediate receiving environment of Walsh Creek and the values of the Upper Waitemata Harbour.

Overall, for the reasons described above the adverse effects arising from the proposal are considered to likely to be less than minor.

### **3.5 IDENTIFICATION OF WHO MAY BE ADVERSELY AFFECTED BY THE GRANTING OF THE APPLICATION AND WHETHER WRITTEN APPROVAL HAS BEEN OBTAINED.**

It is considered that there are no affected parties in relation to this application. The applicant is the owner of the property where works are to be undertaken.

The effects from the proposal have been considered and it is concluded that there would be no persons adversely affected because the application has demonstrated that any adverse sediment effects can be appropriately avoided or mitigated. Moreover, some of the works has already been undertaken and any future discharges of sediment-laden water will be treated in TP90 practices to ensure that minimum earthworks strategies are realised.

**3.6 DO SPECIAL CIRCUMSTANCES EXIST?**

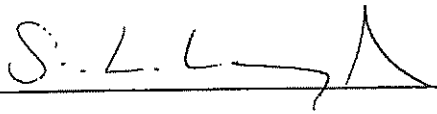
There are no special circumstances that exist in relation to this application which would require the application to be publicly notified.

**3.7 RECOMMENDATION ON NOTIFICATION**

It is recommended that the application be processed on a **non notified** basis for the following reasons:

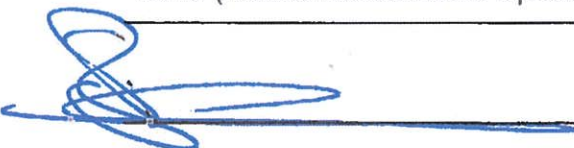
- The adverse effects on the environment of the activity for which consent is sought, will be less than minor because sediment-laden discharges from the works area will be treated in a manner so that runoff into the adjacent environment will be minimised in accordance with best management practices; and
- Previous discharge monitoring has confirmed that the sediment being discharged from the site does not significantly increase the sediment levels in a more than minor way; and
- There are no persons considered adversely affected by the granting of this consent; and
- Special circumstances do not exist; and
- The applicant has not requested public notification of the proposal.

**3.8 NOTIFICATION DECISION**

Reported and Recommended by:	Michael Dunphy
Title of Reporting Officer:	Consultant Environmental Planner
Reviewed by:	Samantha Langdon
Title of Reporting Officer:	Consents and Compliance Advisor – Earthworks
Signed:	
Date:	7.06.2011

### 3.9 DETERMINATION OF NOTIFICATION.

Acting under delegated authority and for the reasons set out in the above assessment, Consent Number 38779 shall be non-notified.

Team Manager:	Roger Bannister
Title	Team Leader - Earthworks and Contaminated Land (Natural Resources & Specialist Input)
Signed:	
Date:	15-6-11

## SECTION 4 – ASSESSMENT OF APPLICATION

### 4.1 STATUTORY CONSIDERATIONS

When considering an application for a restricted discretionary activity the consent authority must have regard to Part 2 of the Resource Management Act 1991 (RMA) (Purposes and Principles – sections 5 to 8), and sections 104, and 104C, and where relevant 105 and 107 sections of the RMA.

The statutory considerations under section 104 provide the 'legal framework' within which the application is addressed. Amongst other things, this framework requires consideration of any actual or potential effects on the environment; the relevant provisions of national policy statements (including the NZ coastal policy statement); regional policy statements and regional plans (both operative and proposed); and any other relevant and reasonably necessary matters to determine the application.

Under section 104C a consent authority may grant consent for a restricted discretionary activity and may impose conditions only for those matters specified in the plan or proposed plan over which it has restricted the exercise of its discretion.



## 4.2 SECTION 104 EVALUATION

### 4.2.1 Section 104(1)(a) – Consideration of the Actual and Potential Effects on the Environment

As described in section 3.3, the proposed erosion and sediment controls with amendments through conditions of consent, are considered sufficient to treat and minimise sediment discharges from the site. These will ensure that the effects are no more than minor.

The receiving environment is the Walsh Creek and the Upper Waitemata Harbour following discharge through a series of settling ponds. In this respect, following treatment through these mitigation measures as outlined in Section 3.3, it is considered that there are no other actual and potential adverse effects that could be generated which have a more than minor effect upon the receiving environment.

### 4.2.2 Section 104(1)(b)(i) and (ii) – Consideration of the Relevant National Environmental Standards and other Regulations

#### 4.2.2.1 *Proposed National Policy Statement on Freshwater Management*

There are no National Policy Statements relevant to this application.

#### 4.2.2.2 *Hauraki Gulf Marine Park Act*

For the coastal environment of the Hauraki Gulf, s7 and s8 of the Hauraki Gulf Marine Park Act 2000 is treated as a New Zealand Coastal Policy Statement.

Section 7 of the HGMPA relates to the interrelationship between the Hauraki Gulf, its islands, and catchments and the ability of that interrelationship to sustain the life-supporting capacity of the environment of the Hauraki Gulf. Section 7 of the HGMPA has regard for the life-supporting capacity of the environment of the Gulf and its islands to provide for the historic, traditional, cultural, and spiritual relationship of the tangata whenua of the Gulf with the Gulf and its islands. Furthermore, this section of the HGMPA provides for the social, economic, recreational, and cultural well-being of people and communities to use the resources of the Gulf by the people and communities of the Gulf and New Zealand for economic activities and recreation and to maintain the soil, air, water, and ecosystems of the Gulf.

Section 8 of the HGMPA relates to management of Hauraki Gulf. It calls for regulators to recognise the national significance of the Hauraki Gulf, its islands, and catchments, as well as the objectives of the management of the Hauraki Gulf, including the islands and respective catchments. Specifically, Section 8 relates to the following:

(a) *the protection and, where appropriate, the enhancement of the life-supporting capacity of the environment of the Hauraki Gulf, its islands, and catchments:*

(b) *the protection and, where appropriate, the enhancement of the natural, historic, and physical resources of the Hauraki Gulf, its islands, and catchments:*

(c) *the protection and, where appropriate, the enhancement of those natural, historic, and physical resources (including kaimoana) of the Hauraki Gulf, its islands, and catchments with which tangata whenua have an historic, traditional, cultural, and spiritual relationship:*

(d) *the protection of the cultural and historic associations of people and communities in and around the Hauraki Gulf with its natural, historic, and physical resources:*

(e) *the maintenance and, where appropriate, the enhancement of the contribution of the natural, historic, and physical resources of the Hauraki Gulf, its islands, and catchments to the social and economic well-being of the people and communities of the Hauraki Gulf and New Zealand:*

(f) *the maintenance and, where appropriate, the enhancement of the natural, historic, and physical resources of the Hauraki Gulf, its islands, and catchments, which contribute to the recreation and enjoyment of the Hauraki Gulf for the people and communities of the Hauraki Gulf and New Zealand.*

It is acknowledged that the project is within the catchment area of the Hauraki Gulf and it is considered the proposal is consistent with the HGMPA. As discussed in section 3.3, the proposed earthworks and quarry activities will result in effects on the environment that will be less than minor. The granting of the resource consent applications, subject to appropriate conditions is seen as having appropriate regard to the HGMPA.

#### **4.2.3 Section 104(1)(b)(iv) – Consideration of any Relevant Provisions of the New Zealand Coastal Policy Statements.**

The purpose of the New Zealand Coastal Policy Statement 1994 (NZCPS) is to state policies in order to achieve the purpose of the Resource Management Act, in relation to the coastal environment of New Zealand.

The relevant policies of the NZCPS are the preservation of the natural character of the coastal environment which includes protection from inappropriate subdivision, use and development; protecting areas of significant indigenous vegetation and habitats of indigenous fauna in that environment; protecting the following features which are essential or important elements of the natural character of the coastal environment: landscapes, seascapes and landforms, areas of spiritual, historical or cultural significance to Maori and significant places of historic or cultural significance; protecting the integrity, functioning and resilience of the coastal environment; and to restore and rehabilitate the natural character of the coastal environment.

As the site is located a considerable distance inland from the coastal environment, it is considered that the NZCPS is not relevant to this application.

#### **4.2.4 Section 104(1)(b)(v) – Consideration of the Relevant Provisions of the Auckland Regional Policy Statement.**

The ARPS is a strategic document which sets out the direction of managing the use, development and protection of the natural and physical resources of the Auckland region. This document became operative in 1999. In 2005, the ARC publicly notified Proposed Change 6, in response to the Local Government Amendment Act 2004 (LGAAA) which sought to amend, amongst other things, the regional overview and strategic direction of the ARPS and mainly consisted of changes to Chapter 2 (Regional Overview and Direction and Chapter 4 (Transport).

These amendments sought to codify the growth and transport strategies that had been promulgated and agreed to in the Regional Growth Strategy and the Associated Sector Agreements.

As at the 31 July 2007, the ARC has released its decisions regarding Proposed Change 6 matters now lie within the appeal period. Given the stage in the statutory process at which Proposed Change 6 currently finds itself, it is considered that some

weighting should be given to the decision version of Plan Change 6 although the proposal must also be assessed against the operative policy statement.

The strategic objectives and policies of the ARPS provide a framework to achieve the integrated, consistent and co-ordinated management of the Region's resources. This framework is based upon not compromising the strategic direction of the containment and intensification and the avoidance of adverse effects on the environment. Under the ARPS, matters related to environmental protection, such as the coastal environment, water quality, water conservation and allocation and air quality have specific objectives, policies and methods to achieve sustainable and integrated management of major natural and physical resources in the Region.

The relevant provisions of the ARPS have been considered and it is concluded that the proposal is consistent with Chapter 8 (Water Quality) and Chapter 13 (Minerals).

#### **4.2.5 Section 104(1)(b)(v) – Consideration of the Relevant Provisions of Regional Plans**

The Auckland Regional Plan: Sediment Control (ARPSC) was made operative in November 2001. The ARPSC recognises that significant quantities of sediment are discharged from bare earth surfaces where appropriate erosion and sediment control have not been implemented. Such bare surfaces are created by land development or redevelopment activities that involve vegetation clearance and earthworks. These include land development for forestry or agricultural use, land contouring for urban development and road works and quarries. Resultant sediment discharge has been identified by the ARC as a major pollutant, by volume, of the waterways of the Auckland Region.

The statutory responsibilities of the ARC include the control of the use of land for the purpose of the maintenance and enhancement of the quality of water in water bodies and coastal water and the control of discharges of contaminants into or onto water. The ARPSC addresses the issue of sediment discharge, and defines the mechanisms the ARC has chosen for avoiding, mitigating or remedying any adverse effect on the environment due to sediment discharge from bare earth surfaces.

The following objectives and policies are relevant:

##### Objectives

Section 3.3 of this report has discussed the potential environmental effects associated with the generation and discharge of sediment from the proposed earthworks activities and measures to be employed to avoid, remedy and mitigate these effects. This section has concluded that these activities can be managed to ensure that these effects are no more than minor and will not impact significantly on values associated with the receiving environment. Overall, it is considered that the activities are considered to be consistent with the above objectives and policies of the ARP: SC.

#### **4.3 CONSIDERATION OF ANY OTHER MATTERS – SECTION 104(1)(C)**

Section 104(1)(c) requires that any other matter the consent authority considers relevant and reasonably necessary to determine the application be considered. In this case there are no other matters that are considered necessary to determine the application.

#### **4.4 MATTERS RELEVANT TO DISCHARGE OR COASTAL PERMITS (SECTION 105)**

Section 105 of the RMA requires the consent authority to have regard to additional matters in relation to a discharge permit that would contravene section 15 or section 15B of the RMA.

It is considered the provisions of section 105 have been met subject to appropriate conditions of consent to ensure there is no significant adverse effect on the receiving environment. It is further considered the applicant's reasons for the proposed choice are appropriate in the circumstances and there are no alternative methods of discharge applicable in this case.

#### **4.5 CONSIDERATION OF PART 2 (PURPOSE AND PRINCIPLES) OF THE RMA**

Section 104(1) requires the consideration of any resource consent application to have regard to specific factors, subject to Part 2 of the RMA ("Purposes and Principles"). The purpose of the RMA is to promote the sustainable management of natural and physical resources. Sustainable management means the use, development and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural wellbeing

and for their health and safety while: sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and safeguarding the life-supporting capacity of air, water, soil, and ecosystems; avoiding, remedying or mitigating any adverse effects of activities on the environment.

The proposal is considered to meet the purposes of the RMA and be a sustainable development of the land resource which will provide for the efficient use whilst ensuring any adverse effects on the environment will be appropriately avoided, remedied or mitigated through the recommended conditions of consent.

Having considered the other matters set out in Part 2 of the RMA, it is concluded that the proposal will not affect any matters of national importance (section 6). Regard has been had to the identified matters of section 7 of the RMA. It is concluded that the application does not compromise the matters identified under section 7 of the RMA. Furthermore, it is considered the proposal does not have any implications on the application of the principles of the Treaty of Waitangi.

#### **4.6 LAPSING OF CONSENT**

Section 125 of the RMA provides that if a resource consent is not given effect to within five years of the date of the commencement (or any other time as specified) it automatically lapses unless the consent authority has granted an extension. In this case, it is considered five years is an appropriate period for the consent holder to implement the consent due to the nature and scale of the proposal.

#### **4.7 DURATION OF CONSENT**

The applicant has not proposed duration for the consent to authorise the quarry activity. In this regard, to take account of the changing technology associated with erosion and sediment control processes, it is considered appropriate to have a lesser consent term of 15 years and hence an expiry date of 31 December 2026 is recommended.

#### **4.8 CONCLUSION**

On the basis of the information submitted to Council in support of the application, and having assessed the proposal against the relevant matters detailed in Section 104 of

the RMA, it is considered that the proposal is consistent with Part 2 matters of the RMA, and consistent with all relevant policies of the ARPS and the ARPSC.

The erosion and sediment control methods will be appropriate to minimise any sediment discharged from the site in relation to the earthworks and quarry activities. Taking into account the matters over which council has reserved the exercise of its discretion, when assessing the effects of the activities on the environment from the proposed earthworks, the effects are overall considered to be less than minor.

## **SECTION 5 – RECOMMENDATION AND CONDITIONS**

### **5.1 RECOMMENDATION**

It is recommended that pursuant to sections 104, 104C and 105, of the RMA 1991, consent is granted to the restricted discretionary activity as discussed in application 38779, '*Sediment Control Plan and Assessment of Effects for Coatesville Quarry, 132 Robinson Road, Coatesville*' located at 132 Robinson Road, Coatesville comprised in Pt Sec 103 SO11171 and Lot 1 DP120864 subject to the conditions set out in section 5.2 below and for the following reasons:

1. The proposal will be consistent with Part 2 of the RMA by promoting the sustainable management of natural and physical resources. Overall it is considered the cumulative safeguards of section 5(2)(a) to (c) have been met and the proposal thereby meets the purpose of the RMA.
2. The proposal is consistent with the relevant provisions of the Auckland Regional Policy Statement, in particular the integrated management of the Region's natural and physical resources.
3. The proposal is consistent with the relevant objectives and policies of the ARP:SC.
4. The proposal contributes to the social, economic and cultural well being of people and their community by providing for the continuation of an aggregate source which has been of a long-standing significance to the Auckland region.
5. The overall adverse effects on the receiving environment are less than minor. Subject to the imposition of conditions, the effects can be avoided, remedied or mitigated.

6. The application merits the granting of resource consent pursuant to sections 104, 104C and 105 of the RMA.
7. The sensitivity of the receiving environment to the adverse effects of the discharge will not be compromised given the level of the discharge, the application of suitable control technology and appropriate on site management techniques.

## 5.2 CONDITIONS

Pursuant to section 108 of the RMA, this consent is subject to the following conditions:

### ***General Conditions***

1. Consent No 38779 shall expire on the 31<sup>st</sup> December 2026 unless it have been lapsed, been surrendered or been cancelled at an earlier date pursuant to the RMA.
2. Quarry activities shall be restricted to those areas identified in the Land Use Application: Sediment Control No 38779 (File Reference 10293) as well the following supporting documents, specifications and further information received by Council with the application details, including the following key documents and plans:

### Documents

Reference Number	Title	Author	Date
1051/1432	Assessment of Environmental Effects "Sediment Control Plan and Assessment of Effects For Coatesville Quarry, 132 Robinson Road, Coatesville".	Ormiston & Associates Ltd	Nov 2010
1051/1432	Additional information in response to s92 Letter of 19 April 2011.	Ormiston & Associates Ltd	May 2011

### Plans

Reference Number	Title	Author	Date
1051/1432-1	Lawson & Zambucka Ltd, Coatesville Quarry - Sediment Control Plan	Ormiston & Associates Ltd	19-04-11
1051/1432-2	Lawson & Zambucka Ltd,	Ormiston &	2-05-11



	Coatesville Quarry – Central Pit	Associates Ltd	
1051/1432-2	Lawson & Zambucka Ltd, Coatesville Quarry – Cross Section B-B'	Ormiston & Associates Ltd	2-05-11
1051/1432-3	Lawson & Zambucka Ltd, Coatesville Quarry – Overburden Stockpile Site	Ormiston & Associates Ltd	2-05-11
1051/1432-3	Lawson & Zambucka Ltd, Coatesville Quarry – Cross Section A – A'	Ormiston & Associates Ltd	2-05-11

and referenced by Council as Consent No 38779.

3. Pursuant to section 116 of the RMA, this consent (or any part thereof) shall not commence until such time as all charges pursuant to section 36 of the RMA, owing at the time the Council's decision is notified are paid in full to the Council.
4. The servants or agents of Auckland Council shall be permitted to have to have access to relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements and/or to take samples.

#### ***Pre Development Conditions***

5. A representative(s) of the consent holder should be appointed prior to the commencement of the resource consent, who shall be the Council's principal contact person(s) in regard to matters relating to the resource consent. The consent holder shall inform the Council of the representative's name and how they can be contacted. Should that person(s) change during the term of this resource consent, the consent holder shall immediately inform the Council and shall also give written notice to the Council of the new representatives name and how they can be contacted.
6. All contractors should be made aware of the conditions of this resource consent and ensure compliance with those conditions. All personnel working on the site shall be made aware of and have access to the contents of this consent document and the associated environmental protection plans and methodology.

***Development in Progress Conditions***

7. All erosion and sediment control measures shall be constructed and maintained in accordance with those described in Land Use Consent Application: Sediment Control No. 38779 (File Reference 10293), including Plan 1051/1431-1, except where amended by the conditions of this consent. Any future amendments that may affect the performance of erosion and sediment control measures on site shall be approved by the Manager in writing, prior to construction. No sediment-laden runoff shall leave the site without approved prior treatment to retain sediment.
8. Clean water cut off drains shall be constructed above all quarry and overburden stripping and dumping areas to prevent clean water from entering working areas.
9. All proposed erosion and sediment control measures shall be completed and operational within 3 months of the date of commencement of this consent.
10. All overburden dumping areas shall be progressively stabilised against erosion as soon as practicable during the filling operation. This shall include, but is not limited to, surface roughening at right angles to the slope, on exposed fill areas at the end of each day during filling activities.
11. No washing of rock products shall be undertaken on the site.
12. No cleanfilling, using fill sourced from outside the site, shall be undertaken on the site.
13. Erosion and sediment control measures shall be constructed and maintained in accordance with TP90 and any amendments to this document, except where a higher standard is detailed in the documents referred to in **condition 7**, in which case this higher standard shall apply.
14. Erosion and sediment controls measures are to be implemented in accordance with best engineering practice and maintained to perform at full operational capacity until the site has been stabilised against future sediment generation. Site stabilisation shall mean when the site is covered by a permanent erosion proof ground cover and includes vegetative cover which has obtained a density of more than 80% of a normal pasture sward.

15. Any amendments that may affect the performance of environmental protection or erosion/sediment control measures on site shall be approved by the Manager in writing, prior to the commencement of work.
16. All accumulated sediment is to be removed from the sediment retention devices before the sediment reaches 20% of the storage capacity of the device and is placed on stable ground where the sediment will not re-enter the device.
17. All sediment retention ponds shall be constructed to withstand a 100 year return frequency storm event without breaching and shall incorporate an emergency spillway to accommodate such an event.
18. The Quartz Pit sediment retention pond decanting device shall be upgraded to an ARC TP90 standard within one month of the commencement of this consent, and the sediment retention pond shall be maintained free of weed.
19. A certificate signed by an appropriately qualified and experienced person shall be submitted to Auckland Council to certify that any new erosion and sediment control measures constructed during the duration of this consent are in accordance with **condition 7**. These controls shall include sediment retention ponds and diversion channels/bunds. This certificate shall be forwarded within seven days following the construction of the controls and shall consist of the following information:
  - (a) Contributing catchment area
  - (b) Retention volume of structure
  - (c) Shape of the structure
  - (d) Position of inlets/outlets
  - (e) Stabilisation of the structure including the spillway surface during grass establishment
  - (f) Gradient control measures employed where the gradients of diversion channels are greater than 2% in slope.
20. Stabilisation of bare earth areas, is to be completed by 30 April in the year of earthworks activity, unless a later date is approved in writing by the Manager.

21. No vegetation removal or earthworks including overburden removal, other than rock extraction, shall be undertaken between 30 April and 1 October in any year, without the prior written approval of the Manager.
22. Stabilised haul roads within the site are to be appropriately maintained to prevent them from becoming a sediment source.
23. If on-site works are abandoned, adequate preventative and remedial measures to control discharges of sediment shall be implemented, and thereafter maintained for so long as necessary to prevent sediment discharge from the site. All such measures shall be of a type, and to a standard, which are to the satisfaction of the Manager.

### ***Monitoring Conditions***

24. Rainfall at the site shall be recorded at the same time each working day. A working day is defined as Monday through to Friday inclusive, plus those days outside this period when the quarry is operating.
25. A sampling program shall be implemented to determine the relative sediment discharges from the site. This shall consist of the collection of a 1 litre grab sample of water with the following monitoring frequencies:

- (a) Sampling Program A: Total volume and duration of pumping shall be recorded on a daily basis.

At least 3 samples every six months shall be collected from the pumped discharge before it flows into Walsh Creek, along with one sample collected from Walsh Creek 10 metres upstream of the discharge point, and one sample collected from Walsh Creek 30 metres downstream of the discharge point.

- (b) Sampling Program B: A 1 litre grab sample of water shall be collected at the following points when rainfall of 15 mm or more has been recorded on the site in the previous 24 hours. Approximately 20 sampling events can be expected per year.

- Walsh Creek, 10 metres upstream of the quartz pit sediment pond outlet.

- Discharge from the quartz pit sediment pond.
- Walsh Creek, 30 metres downstream of the quartz pit sediment pond outlet.

Samples shall be analysed for suspended solids and turbidity.

All samples shall be analysed for total suspended solids, and turbidity and be analysed within one week of collection. These shall be analysed in accordance with the latest edition of *"The Standard Methods for the Examination of Water and Wastewater"* APHA, AWWA, WPCE, or such other standards as may be approved by the Manager.

26. Rainfall records and results of the sampling programs shall be forwarded to the Manager no later than 10 working days after 28 February and 31 August each year.

#### ***Annual Management Plan***

27. An Annual Management Plan (AMP) shall be submitted to the Manager for written approval on an annual basis no later than 10 working days after 30 June each year. The AMP shall include but not be limited to the following aspects:
- (a) Areas to be quarried over the next 12 months including USLE calculations to determine sediment-generating "hot spots" within the quarry working areas.
  - (b) Plans for the overburden stripping and dumping over the next 12 months.
  - (c) An Erosion & Sediment Control Plan including calculations to confirm compliance with TP90 for quarrying and overburden stripping and dumping for the next 12 months.
  - (d) A Chemical Treatment Management Plan (CTMP) which shall include as a minimum:
    - The "trigger levels" for when chemical treatment is required for the sediment retention pond(s);

- Specific design details of the flocculation system;
  - A monitoring, maintenance and contingency program (including a Record Sheet);
  - Details of optimum dosage (including assumptions);
  - Results of the initial chemical treatment trial;
  - A spill contingency plan.
- (e) An assessment of the effectiveness of erosion and sediment control measures and any proposed changes to these measures. Full supporting information shall be forwarded with these changes.
- (f) The results of the previous 12 months of sampling including any rainfall data and an assessment of the sampling results. Where any relative discharge standard exceedances have occurred, the Consent Holder shall outline plans to ensure that such exceedances don't occur in the future.

### ***Other Conditions***

#### **Bond**

28. The bond as required under Conditions 22 to 29 of Permit No 27703 shall remain in force unless a change to the conditions or cancellation of the bond is approved in writing by the Manager.

#### **Review Condition**

29. Pursuant to section 128 of the RMA the conditions of this consent may be reviewed by the Council/Manager at the consent holder's cost in October 2014 and every three years thereafter in order to:
- (a) To deal with any adverse effect on the environment which may arise or potentially arise from the exercise of this consent and which it is appropriate to deal with at a later stage, in particular
- assess the effectiveness of environmental control measures including those associated with the wash process, vegetation establishment and the impact of sediment on the environment; and/or

- implement such changes as are necessary to re-grassing and vegetation techniques and timing, site runoff, erosion and sediment control measures to more appropriately control the actual and potential effects of the discharge of sediment on the environment; and/or
- continue the sampling programs specified in the above conditions or implement such new sampling program(s) as may be necessary to evaluate the effects on the environment of any changes to erosion and sediment control measures or any changes to site management which were not anticipated by the application and which could result in an adverse effect on the environment; and/or
- discontinue the sampling program should the Manager determine that minimal adverse environmental effect has been demonstrated. Further sampling programs may be instigated at subsequent times of review; and/or
- review and/or determine a standard of discharge (suspended sediments and/or turbidity), or a mass yield limit (flow and suspended sediment) for the discharges of sediment from the operation; and/or
- assess the rehabilitation of quarried areas so that sediment loss from finished surfaces resembles the natural state; and/or
- to deal with any other adverse effect on the environment on which the exercise of the Consent may have an influence.

(b) At any time, if it is found that the information made available to council in the application contained inaccuracies which materially influenced the decision and the effects of the exercise of the consent are such that it is necessary to apply more appropriate conditions.

### 5.3 ADVICE NOTES

1. *Please read the conditions of this resource consent carefully and make sure that you understand all the conditions that have been imposed before commencing the development.*
2. *This resource consent will lapse five years after the date of Council's decision unless:*

- (a) *it is given effect to before the end of that period. To give effect to this consent, the activity allowed by this consent must be established and the conditions contained in the consent complied with. Please note that there must be compliance with all of the consent conditions once the land use has been established, or*
- (b) *an application is made and granted prior to the expiry of that period for a time extension. The statutory considerations that apply to extensions are set out in section 125 of the RMA.*

*N.B – all charges owing at the time council's decision is notified must be paid before a consent can commence.*

3. *The consent holder shall obtain all other necessary consents and permits, including those under the Building Act 2004, and the Historic Places Trust Act 1993. This consent does not remove the need to comply with all other applicable Acts (including the Property Law Act 2007), regulations, relevant Bylaws, and rules of law. This consent does not constitute building consent approval. Please check whether a building consent is required under the Building Act 2004. Please note that the approval of this resource consent, including consent conditions specified above, may affect a previously issued building consent for the same project, in which case a new building consent may be required.*
4. *A copy of this consent should be held on site at all times during the establishment and construction phase of the activity. The consent holder is requested to notify Council, in writing, of their intention to begin works, a minimum of seven days prior to commencement. Such notification should be sent to the (name and title and email address and phone number) and include the following details:*
- name and telephone number of the project manager and the site owner;*
  - site address to which the consent relates;*
  - activity to which the consent relates; and*
  - expected duration of works.*
5. *If you disagree with any of the above conditions, or disagree with the additional charges relating to the processing of the application you have a*



*right of objection pursuant to sections 357A or 357B of the RMA. Any objection must be made in writing to Council within 15 working days of notification of the decision.*

6. *The granting of this resource consent does not in any way allow the applicant to enter and construct drainage within neighbouring property, without first obtaining the agreement of all owners and occupiers of said land to undertake the proposed works. Any negotiation or agreement is the full responsibility of the applicant, and is a private agreement that does not involve Council. Should any disputes arise between the private parties, these are civil matters which can be taken to independent mediation or disputes tribunal for resolution. It is recommended that the private agreement be legally documented to avoid disputes arising. To obtain sign-off for the resource consent, the services described by the conditions above are required to be in place to the satisfaction of Council.*
7. *Compliance with the consent conditions will be monitored by Council in accordance with section 35(d) of the Resource Management Act. This will typically include site visits to verify compliance (or non compliance) and documentation (site notes and photographs) of the activity established under the Resource Consent. In order to recover actual and reasonable costs, inspections, in excess of those covered by the base fee paid, shall be charged at the relevant hourly rate applicable at the time. Only after all conditions of the Resource Consent have been met, will Council issue a letter on request of the consent holder.*
8. *That the Consent Holder make the Contractor/Consultant associated with the proposed works aware of the Industry Education Programme for Plan Implementers/Preparers available through AC.*

**5.4 APPROVAL UNDER DELEGATED AUTHORITY**

**5.4.1 Adequacy of Information**

It is considered that the information submitted with the application is sufficiently comprehensive to enable the consideration of the following matters on an informed basis:

- a) The level of information provides a reasonable understanding of the nature and scope of the proposed activity as it relates to the regional plan(s).
- b) The extent and scale of any adverse effects on the environment are able to be assessed.

Report Prepared by: Michael Dunphy

Title: Consultant Environmental Planner

Report Reviewed by: Samantha Langdon

Title: Consents and Compliance Advisor – Earthworks

Signed: 

Date: 7.06.2011

Consent Granted as Recommended.

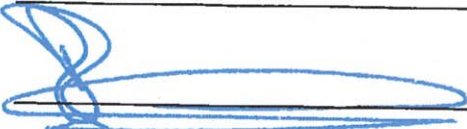
Acting under delegated authority and as recommended in section 5.1, Consent Number 38779 shall be granted subject to the conditions of consent specified in section 5.2.

Team Manager: Roger Bannister

---

Title Team Leader - Earthworks and Contaminated Land (Natural Resources & Specialist Input)

---

Signed: 

---

Date: 15.6.11

---

## SECTION 6 – DEFINITIONS

AC:	means Auckland Council
ARP:C:	means Auckland Regional Plan: Coastal
ARP:SC:	means Auckland Regional Plan: Sediment Control
ARPS:	means Auckland Region Policy Statement
Commencement of Works:	Means the time when the earthworks the subject of this consent are about to commence.
LGAAA:	means Local Government Amendment Act 2004
Manager:	Means the Manager, Consents and Compliance, Regulatory Services, Auckland Council, their delegate, or an equivalent AC management position
NZCPS:	means New Zealand Coastal Policy Statement 1994
PARP:ALW	means proposed Auckland Regional Plan: Air, Land and Water
RMA:	means Resource Management Act 1991 and further amendments
Stabilised:	means an area inherently resistant to erosion such as rock (excluding Sedimentary Rocks), or rendered resistant by the application of aggregate, geotextile, vegetation or mulch. Where vegetation is to be used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once an 80% vegetation cover has been established. It is noted that Hydroseeding as a standalone measure is not considered stabilised in accordance with this definition.
TP90:	means ARC Technical Publication No. 90 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region, March 1999 including updates dated December 2007. Available on <a href="http://www.arc.govt.nz/plans/technical-publications">http://www.arc.govt.nz/plans/technical-publications</a>

## Samantha Langdon

---

**From:** Sandy Ormiston [sormiston@ormiston.co.nz]  
**Sent:** Tuesday, 7 June 2011 2:11 p.m.  
**To:** Samantha Langdon  
**Subject:** Re: 38779 Lawson and Zambucka application  
**Attachments:** image00116.png; 173ce11.jpg; ATT00001.txt

Thanks Samantha

yes we accept extending the time frame

Regards

Sandy

At 01:55 p.m. 7/06/2011 +1200, you wrote:

>Hi Sandy,

>

>

>

>I ve received the above draft application report, which I have now  
>printed out and passed onto Roger for review and sign off.

>

>

>

>I believe the timeframes are slightly over, and so was wondering  
>whether it would be acceptable to extend the timeframes out to next  
>Wednesday (15 June). All going well, I would imagine the report would  
>be signed off before then, but just allows a few days sign off and for  
>admin to email it out to you.

>

>

>

>if you could please respond by email that would be greatly appreciated.

>

>

>

>Cheers,

>

>Sam

>

>Samantha Langdon | Consents and Compliance Advisor Earthworks  
>Earthworks and Contaminated Land | Natural Resources and Specialist  
>Input Ph 09 301 0101 | DDI 3522 722 | Mobile | Fax 09 301 0100 Auckland  
>Council, Level 2, 35 Graham Street, Auckland Central 1010 Private Bag  
>92 300, Auckland 1142

>

>Visit our website:

><<http://www.aucklandcouncil.govt.nz/>>[www.aucklandcouncil.govt.nz](http://www.aucklandcouncil.govt.nz)

>

><<http://www.aucklandcouncil.govt.nz/>>image00116.png

>

>

>173ce11.jpg

>

>CAUTION: This email message and any attachments contain information  
>that may be confidential and may be LEGALLY PRIVILEGED. If you are not  
>the intended recipient, any use, disclosure or copying of this message  
>or attachments is strictly prohibited. If you have received this email  
>message in error please notify us immediately and erase all copies of  
>the message and attachments. We do not accept responsibility for any  
>viruses or similar carried with our email, or any effects our email may

**Michael Dunphy**

---

**From:** "Michael Dunphy" <mike@ridleydunphy.co.nz>  
**Date:** Thursday, 26 May 2011 3:54 p.m.  
**To:** "Samantha Langdon" <Samantha.Langdon@aucklandcouncil.govt.nz>  
**Cc:** "Nick Hazard" <Nick.Hazard@aucklandcouncil.govt.nz>  
**Attach:** 38779 Coatesville Quarry.doc  
**Subject:** Coatesville Quarry report

Hi Samantha,

as discussed today – please find attached the report for Coatesville Quarry. Could you please peer review it and then hand over to Roger for his approval.

I believe that Nick will be processing the water take separately (if needed??).

I calculate that report is due 7th June. Will drop the file off on Monday.

thanks Mike

RidleyDunphy Environmental Ltd  
PO Box 431  
Whangaparaoa  
Ph: 09 424 2940 Fax: 09 424 2940 Mob: 021 424 703  
mike@ridleydunphy.co.nz  
www.ridleydunphy.co.nz

**SUBJECT: APPLICATIONS 11945 & 12531 BY LYNDALE HOLDINGS LTD FOR A RESOURCE CONSENT TO DIVERT AND DISCHARGE WATER AND UNDERTAKE WORKS WITHIN A WATEROURSE AT ROBINSON ROAD, COATESVILLE.**

**FROM:** Senior Water Resources Engineer                      **FILE:** C512-10-11945  
Environmental Management

**TO:** Group Manager    **DATE:** 18 June 1998  
Environmental Management

---

(This report is confidential until it has been considered and is not to be construed as Council policy until adopted).

## **1. APPLICATION**

Applicant: Lyndale Holdings Ltd.

Location: Robinson Road, Coatesville

Proposal: To divert and discharge water and to undertake works within watercourses during the operation of an existing quarry.

## **2. NOTIFICATION**

Pursuant to the provisions of Section 94 of the Resource Management Act, this application was not notified.

## **3. REPORT**

### **3.1 Introduction**

This application by Lyndale Holdings Ltd is to divert and discharge water and carry out works within watercourses during the operation of an existing quarry.

In order to limit the discharge of sediments from the quarrying operation that can be picked up by stormwater it is necessary to construct a number of minor channels to capture and convey stormwater around working areas. Two culverts are also to be installed under access roadways.

There are a number of other consents that Lyndale Holdings are required to obtain also. This report does not cover those activities, which will be the subject of separate consent applications, and independent decisions.

### **3.2 Description of Proposal**

The applicant, Lyndale Holdings Ltd has applied for a number of consents related to the operation of an existing quarry at Robinson Road, Coatesville.

This application relates to the construction of a number of minor internal channels to convey water around working areas, together with the construction of a couple of culverts under access roadways. These consents are being processed separately from the other applications as the reasons for requiring these proposed channel works, and culverts, are limited to the internal workings of the quarry operation.

The applicant has supplied a table enumerating the contributing catchment size together with the associated flows channel depths and widths.

### **3.3 Evaluation and Assessment of Effects**

There is an existing quarrying operation being undertaken on this site. This assessment is limited to the potential adverse effects of the construction of the proposed channels and culverts. No additional areas are being added to the existing discharges. Water entering the property will leave the property at its present location. The main change is the location of some lengths of the watercourse which are being re-routed to avoid working areas. Any adverse effects should be contained within the applicant's site.

The proposed channel sizes are adequate to convey the estimated flows past the working areas. The channels should be constructed at times of no flow if the streams dry up, or at low flow if the streams flow all year with flows being passed around the area of construction to limit potential sedimentation. Estimated velocities within the channels are low, typically less than 1.6 metres per second. Consequently, erosion of channels should not be a problem. Nevertheless a special condition requiring inspection and maintenance of the channels has been included.

It is expected that the channels around the working areas will need to be shifted at some time in the future, and this consent will allow for that eventuality.

### **3.4 Conclusion**

The works envisaged are related to internal works necessary to keep water runoff away from working areas. The precise location of the channels is not critical. The capacity of the proposed channels is adequate to convey the estimated quantities and have been dimensioned according to the contributing catchment. Should inspections of the channels show problems of erosion then maintenance of those channels will be required.

It is expected that the channels around the working areas will need to be shifted at some time in the future. These consents are to cover such future operations.

## **4. RECOMMENDATION**

It is recommended that a resource consent be granted subject to the conditions stated on the consent document appended to this report.



It is to be noted that the granting of these consents does not imply approval for other activities at the quarry which may require separate consents to be obtained.

A handwritten signature in black ink, appearing to read 'T Rix-Trott', with a long horizontal flourish extending to the right.

T Rix-Trott  
**Senior Water Resources Engineer**

**AUCKLAND REGIONAL COUNCIL**

**RESOURCE CONSENT**

**Granted Pursuant to the Resource Management Act 1991**

**CONSENT NOS. 20234 & 21324**

**CONSENT HOLDER:** Lyndale Holdings Ltd.

**FILE REFERENCES:** 11945 & 12531

**CONDITIONS OF CONSENT:**

Date of Expiration of Permit: 31 December 2033

Purpose of Consent: To divert and discharge water and undertake works within a watercourse related to quarrying operations.

Works: Construction of open channels.

Site Location: Robinson Road, Coatesville

Legal Description of Land on which works to be undertaken: Lot 1 DP 120864 CT 70B/15 Pt Section 103 Paremoremo

Territorial Authority: Rodney District Council

Map Reference: NZMS 260 R10 540982

**STANDARD CONDITIONS OF CONSENT:**

1. That the servants or agents of the Auckland Regional Council shall be permitted access to the relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
2. That the Auckland Regional Council (or where the consent relates to a Restricted Coastal Activity, the Minister of Conservation) may at any time on the giving of not less than 3 months notice in writing serve notice on the consent holder of its intention to review any of the conditions of this consent for any of the following purposes :
  - i. To deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
  - ii. To require a discharge permit holder to adopt the best practicable option to remove or reduce any adverse effect on the environment; or

- iii. To deal with any other adverse effect on the environment on which the exercise of the Consent may have an influence.

**SPECIAL CONDITIONS OF CONSENT:**


1. That the works shall be constructed generally in accordance with drawings Project No 9218 Sheets 1A & 4 supplied as supporting information by the Consent Holders Consultants/Agents. Any amendments affecting the capacity of the channels shall be approved by the Group Manager, Environmental Management prior to construction.
2. That the minimum channel sizes shall be in accordance with the table contained in the letter dated May 2, 1998 from Bartley Consultants.
3. That the construction of channels shall be undertaken at times of no flow if possible, and if not, then the low flow shall be passed around the area of construction so that construction may take place in the dry in order to prevent the discharge of sediment from the immediate site during construction.
4. That the channels shall be inspected on a regular basis, and, if showing signs of erosion, maintenance be undertaken to control that erosion.

**ADVICE NOTES:**

1. That the granting of this consent does not absolve the consent holder from obtaining any other permits or consents that may be necessary for the quarry operation nor does it imply approval for other activities at the quarry which may require separate consents to be obtained.
2. The consent holder is advised that they will be required to pay to the Auckland Regional Council any administrative charge fixed in accordance with s.36(1) of the Resource Management Act 1991, or any additional charge required pursuant to s.36(3) of the Resource Management Act 1991, in respect of this resource consent.

**This Consent has been granted by the Auckland Regional Council pursuant to the Resource Management Act 1991. The date of commencement of this consent is determined by Section 116 RMA, unless a later date is stated as a condition of this consent. The provision of Section 116 RMA are summarised in the covering letter issued with this consent.**

K E Connolly  
Group Manager  
Environmental Management  
Auckland Regional Council



22 August 2002

Lawson & Zambucka Limited  
222 Blockhouse Bay Road  
Avondale

**Attention: Chris Zambucka**

Dear Sir

**RESOURCE CONSENT - DECISION ON APPLICATION**

**Application Details:**

Application Number(s):	26919
Applicant:	Lawson & Zambucka Limited
Activity Type(s):	Quarry
Location:	0132 Robinson Rd Rodney District

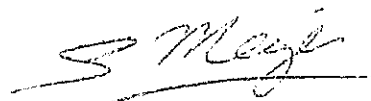
The Auckland Regional Council has assessed and resolved to **grant** the above Resource Consent application(s). A report detailing the decision is enclosed. Included with the report are the Resource Consent permits, which contain the conditions that must be met when undertaking the activities.

For information about your right to object or appeal this decision, please refer to the 'Objections and Appeals' information sheet enclosed. Also enclosed is a booklet entitled 'Now That You Have Your Resource Consent', which provides important information relating to the on-going exercise of your Resource Consent(s). Please take time to read this material.

The above Resource Consent(s) will commence on 22-AUG-2002, in accordance with Section 116 of the Resource Management Act (1991).

If you have any queries regarding the decision on the consent application(s), please contact Mike Dunphy on 366 2000 ext. 8489, and quote the application number(s).

Yours sincerely



Suyin Meijer  
**Consents Services**

Encl.

cc: Ormiston & Associates Limited  
PO Box 47-822  
Ponsonby 1034  
Attention: Sandy Ormiston

Rodney District Council



Vodafone House, 21 Pitt Street  
Private Bag 92 012, Auckland  
New Zealand  
DX CP 28 008 Pitt St  
Telephone +64 9 379 4420  
Facsimile +64 9 366 2155  
www.arc.govt.nz

File Ref: 10293



**SUBJECT:** APPLICATION NUMBER 26919 BY LAWSON AND ZAMBUCKA LTD FOR A CHANGE OF CONSENT CONDITIONS PURSUANT TO S127 OF THE RESOURCE MANAGEMENT ACT, AT COATESVILLE QUARRY, ROBINSON ROAD, COATESVILLE.

**FROM:** Quarry Consultant  
Auckland Regional Council

**FILES:** 10293

**TO:** Manager, Land & Water Quality

**DATE:** 1 August 2002

---

*(This report is confidential until it has been considered and is not to be construed as Council policy until adopted).*

## **1. APPLICATION**

**1.1 Applicant:** Lawson & Zambucka Ltd

**1.2 Location:** Robinson Road, Coatesville, at or about Map Reference NZMS 260 R10 539983. Legal description: Lot 1 DP 120864 and Pt Section 103 Parish of Paremoremo, SO 11171.

**1.3 Proposal:**

**Application Number: 26919 (File ref 10293)**

Application Details: Change to consent conditions pursuant to Section 127 of the Resource Management Act, involving changes to Special Condition 16 (sampling).

**1.4 Supporting Documents:**

The following documents were provided with the application:

- Letter from Ormiston Associates requesting change to consent condition pursuant to s127 of the Resource Management Act (12 June 2002).
- Coatesville Quarry – Management Plan 2002 – 2003 (June 2002).

## **2. NOTIFICATION**

Section 127(3) of the Resource Management Act states that an application to change or cancel consent conditions is not required to be notified if the effects of the activity continue to be minor or unchanged, or decreased, and the written approval of every person who may be adversely affected by the change or cancellation, is obtained.

In this case it is concluded that as the change or cancellation will not result in an increase in sediment being discharged, but rather a change in the monitoring regime, those parties who submitted in respect of the original consent application will not be adversely affected. As the effect of the change is minor it is considered that notification of the application is not required.

## **3. BACKGROUND**

The Auckland Regional Council (ARC) granted a land use consent: sediment control No. 13757 to Lyndale Holdings Ltd on 12 July 1999, to allow the discharge of sediment laden stormwater from Coatesville Quarry to Walsh Creek. The consent was transferred to Lawson and Zambucka Ltd on 1 July 2001.

Coatesville Quarry is located off Robinson Road, Coatesville and is owned and operated by Lawson and Zambucka Ltd. The quarry operation extracts Albany Conglomerate from the main pit and a northern pit extension, and quartz sand from another pit to the north. The conglomerate is screened and stockpiled on site, while the quartz sand is not processed. There is no wash process associated with the quarry.

While the consent applies to a total area of approximately 46.7 hectares, the quarry has a footprint of around 7 hectares.

The main quarry pit has been developed below the level of the surrounding land and below the level of the adjacent Walsh Creek. A minor stream flows between the main pit and the northern pit extension, and discharges into Walsh Creek. Settled stormwater is periodically pumped from the main pit into Walsh Creek. The applicant's consulting geologist notes that groundwater has not been intersected by the quarry pits.

The applicant is seeking to reduce the number of sampling points.

The consent expiry date will remain at four years from the date of commencement (ie expiring on 4<sup>th</sup> August 2003).

## **4. CHANGES TO CONSENT CONDITION 16**

The applicant is requesting changes to Special Condition 16, relating to the sampling regime, on the grounds that the number of samples required is onerous, particularly considering the limited size and output of the quarry.

The sampling regime covered by Special Condition 16 comprises two programmes, as follows;

## Programme 1

- a) Total daily pump discharge volume and duration;
- b) Continuous turbidity recordings of groundwater and stormwater pumped from the main quarry pit and measured at the pump outlet when the pump is in operation.

A relationship between turbidity and suspended sediment shall be established for the site to the satisfaction of the Section Manager, Land and Water Quality, Auckland Regional Council.

The applicant has suggested the following changes to the Programme 1 sampling regime;

- a) Total daily pump discharge volume and duration;
- b) Delete the requirement for continuous turbidity recordings.

While it is considered that continuous turbidity recording is not necessary, some monitoring of the pumped discharge from the main pit is warranted. It is recommended that the consent holder be required to take at least 5 samples of the pumped discharge per year, along with an upstream and downstream sample at the same time, and have these analysed for turbidity and suspended solids. The applicant's agent states that the impact of the discharge from the main pit is monitored by water sampling below the discharge point, as required by Programme 2. This is not so however, as the Programme 2 sampling is triggered by 15 mm or more of rainfall, whereas water from the main pit can be pumped out at any time, probably several days after rain to allow for settling of suspended solids.

The Programme 1 section of Condition 16 would therefore be amended to read (changes in bold);

- a) *Total daily pump discharge volume and duration;*
- b) *At least 5 samples per year shall be collected from the pumped discharge before it flows into Walsh Creek, along with one sample collected from Walsh Creek 5 metres upstream from the discharge point and one sample collected from Walsh Creek 30 metres downstream from the discharge point. Samples shall be analysed for turbidity and suspended solids.*

## Programme 2

The Programme 2 sampling regime monitors water quality in Walsh Creek and its tributaries when there has been 15 mm of rain recorded on site during the previous 24 hours. The existing condition requires sampling at 9 points, increasing to 12 points when cleanfilling or overburden disposal is being undertaken in the cleanfill / overburden disposal area.

The applicant has suggested the following changes to the Programme 2 sampling points;

- a) Walsh Creek upstream from the quartz pit pond outlet.
- b) Top of waterfall on tributary of Walsh Creek.
- c) Downstream of quartz pit pond discharge point in Walsh Creek.
- d) Downstream of discharge point from main pit.

- e) At the discharge point from the cleanfill / overburden area, when cleanfilling or overburden disposal is being undertaken.

It is considered that the amended sampling point coverage proposed by the applicant will adequately test Walsh Creek upstream and downstream of the influence of the quarry. It is however recommended that an additional sampling site is included, on Walsh Creek downstream from the cleanfill / overburden area discharge point, when cleanfilling or overburden disposal is being undertaken. This amended sampling regime will require sampling at 4 points instead of 9 under normal circumstances, and sampling at 6 points instead of 12 when cleanfilling / overburden disposal is being undertaken.

The Programme 2 section of Condition 16 would therefore be amended to read (changes in bold);

Samples shall be collected at the following sampling points;

- a) *Walsh Creek 20 metres upstream from the quartz pit pond outlet.*
- b) *Top of waterfall on tributary of Walsh Creek.*
- c) *30 metres downstream of quartz pit pond discharge point, in Walsh Creek.*
- d) *30 metres downstream of discharge point from main pit, in Walsh Creek.*
- e) *The discharge point from the cleanfill / overburden area before it flows into Walsh Creek, when cleanfilling or overburden disposal is being undertaken in this area.*
- f) *30 metres downstream from the cleanfill / overburden area discharge point in Walsh Creek, when cleanfilling or overburden disposal is being undertaken in this area.*

## 5. CONSULTATION

It is considered that consultation with neighbours or those who submitted in respect of the original consent application is not required, as the proposed changes to Condition 16 will not result in any adverse effects.

## 6. EVALUATION

A change to, or cancellation of, a consent condition is subject to Section 127 of the Resource Management Act. Section 127(1)(b) states that the holder of a resource consent may apply to the consent authority to change or cancel a consent condition at any time, on the grounds that a change in circumstances has caused the condition to become inappropriate or unnecessary.

Condition 18 of the consent provides for a reduction in sampling, subject to the approval of the ARC. It is considered in this instance however that Section 127 is the appropriate mechanism for changing the sampling programme rather than Condition 18 because of the lack of historical sampling data collected by the previous consent holder.

Sections 88 to 121 of the Act apply, with all necessary modifications, to any application as if the application were for a resource consent, subject to Section 127(3)(a) and (b) as discussed in Section 2 of this report (notification).



In accordance with Section 104 of the Resource Management Act, the Regional Council shall, subject to Part II of the Act, have regard to the following relevant matters when considering this application.

### **6.1 Assessment of Effects on the Environment**

The amended sampling programme, as recommended, will identify any adverse effects on water quality in Walsh Creek resulting from the operation of the quarry. The applicant is proposing no changes to the erosion and sediment control measures on the site, and therefore no change to the quality of the discharge from the site is anticipated.

It is noted that the previous consent holder, Lyndale Holdings Ltd, did not comply with the monitoring conditions of this consent. The previous consent holder argued that the cost of installing a continuous reading turbidity meter, and sampling at a minimum of 9 points per 15 mm rainfall event was prohibitive, particularly in light of the small scale and limited production from the quarry.

The new owner of the quarry also believes that the existing sampling regime is onerous, and is therefore seeking to have the sampling requirements reduced.

Compliance with the changed consent condition in respect of sampling will continue to be monitored by ARC on a regular basis.

### **6.2 Statutory Assessment**

#### **6.2.1 Resource Management Act (1991)**

Section 15(1) prohibits the discharge of contaminants into water unless authorised by a rule in a regional plan or a resource consent. The ongoing quarrying and earthworks activity and the discharge of sediment laden runoff generated by the activity is identified as a restricted discretionary activity in the Regional Plan: Sediment Control (November 2001), and therefore requires a resource consent.

In considering this application, the consent authority must have regard to Part II (Purpose and Principles) of the RMA, and to the matters to be considered as set out in Sections 104(1) and (3). Section 104(1) states that, subject to the provisions of Part II, a consent authority shall have regard to;

- (a) *Any actual or potential effects on the environment of allowing the activity; and*
- (b) *Any relevant regulations; and*
- (c) *Any relevant .... Regional Policy Statement, and proposed Regional Policy Statement; and*
- (d) *Any relevant objectives, policies, rules or other provisions of a plan or proposed regional plan; and*
- (e) *Any relevant district plan or proposed district plan where the application is made in accordance with a regional plan; and.....*
- (i) *Any other matters that the consent authority considers relevant and reasonably necessary to determine the application.*

Section 104(3), relating to applications for discharge permits, states that the consent authority shall, in respect of the actual and potential effects on the environment, have regard to -

- (a) *The nature of the discharge and the sensitivity of the proposed receiving environment to adverse effects and the applicant's reasons for making the proposed choice; and*
- (b) *Any possible alternative methods of discharge, including discharge into any other receiving environment.*

This section of the Act provides for consideration of the nature of the discharge and the sensitivity of the proposed receiving environment to adverse effects, the applicant's reasons for the proposed choice, and any other possible alternative methods of discharge, including discharge into any other receiving environment. Having reviewed the proposed application incorporating the amended monitoring regime, it is considered that the proposal is consistent with the Resource Management Act.

### **6.2.2 Auckland Regional Policy Statement**

Pursuant to Section 104(1)(c) of the Resource Management Act 1991 regard must be had to the Auckland Regional Policy Statement (ARPS), which became operative on 31 August 1999.

Chapter 3 – Iwi, of the ARPS recognises the need to take into account the principles of the Treaty of Waitangi. It is considered that Iwi are not affected and that the proposal is consistent with Chapter 3 of the ARPS.

Chapter 8 - Water Quality, of the ARPS contains objectives, policies and methods which address among other things the effects of the discharge of elevated levels of sediment on water quality in the region. In particular, Policy 8.4.7.3 states:

*“all land disturbance activities which may result in elevated levels of sediment discharge shall be carried out so that the adverse effects of such discharges are avoided, remedied or mitigated.”*

As a result of regular site visits, it is concluded that the quarry is not having a significant adverse effect on the receiving environment of Walsh Creek. Subject to good site practices and management, the discharge of sediment from the site should remain low. Provided that sediment discharge remains low, the proposal is considered to be consistent with the relevant objectives and policies of the ARPS. The amended water quality monitoring programme will ensure that any adverse effects are identified.

The regional significance of rock resources is recognised in Chapter 13 – Minerals, of the ARPS.

Objective 13.3.1 seeks *“To avoid, remedy or mitigate the adverse effects on the environment of mineral prospecting, exploration, extraction, processing and transportation”*.

Objective 13.3.2 seeks *“To ensure that mineral extraction activities and mineral deposits which are presently or potentially valuable for development in the region are not unnecessarily compromised, and the region's need for rock material continues to be met.”*

Coatesville Quarry is an important local source of aggregate and sand. The continued exploitation of this resource is consistent with the relevant objectives and policies of Chapter 13 of the ARPS.

Appendix B of the ARPS 'Significant Natural Heritage Areas and Values' has been consulted with respect to this site and it is noted that the activity does not adversely impact on any significant natural heritage areas or values.

### 6.2.3 Regional Plan: Sediment Control

Pursuant to Section 104(1)(d) of the Resource Management Act 1991 regard shall be had to the relevant objectives, policies and rules contained in the Regional Plan: Sediment Control, dated November 2001 (RPSC).

The ongoing quarry activity and the discharge of sediment laden run off generated by the activity is identified as a restricted discretionary activity in the RPSC. Relevant provisions of the RPSC include;

Objective 5.1.1 of the RPSC seeks to *"maintain or enhance the quality of water in waterbodies and coastal waters"*.

Policy 5.2.1 of the RPSC states:

*"Land disturbance activities which may result in the generation and discharge of elevated levels of sediment will be required to employ methods which avoid, remedy or mitigate adverse effects on the quality of the water in the waterbodies and coastal waters"*.

For the reasons outlined in Section 6.1 of this report, the quarrying activity, and the minor discharge of sediment laden run off generated by the activity, are considered to be consistent with these objectives and policies.

### 6.2.4 New Zealand Coastal Policy Statement

Pursuant to Section 104 (1)(c) of the Resource Management Act 1991 regard must be had to any New Zealand Coastal Policy Statement (NZCPS). The Policy Statement provides guidance to local authorities in management of the coastal environment. The following is a précis of the policy direction of the NZCPS:

- Protection of characteristics of the coastal environment of special value to the Tangata Whenua should be carried out in accordance with Tikanga Maori.
- Adverse effects of use or development in the coastal environment should as far as practicable be avoided. Where complete avoidance is not practicable, the adverse effects should be mitigated and provision made for remedying those effects, to the fullest extent practicable.

For reasons detailed in 6.1 of this report, the proposed activity is considered to be consistent with the policy direction in the NZCPS.

### 6.2.5 Proposed Regional Plan: Coastal

Pursuant to Section 104(1)(d) of the Resource Management Act 1991 regard shall be had to the relevant objectives, policies and rules contained in the Proposed Regional Plan: Coastal (PRPC).

Walsh Creek is a tributary of the Rangitopuni Stream which flows into the Waitemata Harbour at Riverhead. Sediment run off from the quarry is minor and the amended monitoring regime as proposed will ensure that any potential adverse effects are identified.

It is considered that the amended monitoring condition is consistent with Objective 20.3.1, and Policies 20.4.1, 20.4.2 and 20.4.3 of the PRPC.

### 6.2.6 Hauraki Gulf Marine Park Act (2000)

The catchment in which this site is located drains to the Hauraki Gulf, via the Waitemata Harbour, and therefore the proposal has been assessed against the provisions of the Hauraki Gulf Marine Park Act.

In accordance with the Act, a consent authority is required to have regard to Sections 7 and 8 when determining resource consent applications potentially affecting the marine park. Section 10(1) of this Act provides that Sections 7 and 8 constitute an additional New Zealand coastal policy statement. This requires the inter-relationship between the Hauraki Gulf, its islands and catchments, and the ability of that inter-relationship to sustain the life supporting capacity of the environment of the Hauraki Gulf, to be considered matters of national importance.

It is considered that the proposed amendments to the monitoring regime of this consent will have no adverse effect on the environment of the Hauraki Gulf.

## 7. CONCLUSION

Having assessed the application to change a consent condition, in terms of the relevant matters under Section 104 of the Resource Management Act (1991) it is considered that, subject to compliance with the amended monitoring regime, the adverse effects of the activity will be avoided, remedied or mitigated to the extent that consistency with Part II of the RMA and the relevant policies of the ARPS is achieved.

## 8. RECOMMENDATION

It is recommended that the application to change Special Condition 16 of this consent be approved. The changes are incorporated in the amended consent document appended to this report.

The reasons for recommending this decision are:

- a) That subject to the ongoing maintenance of the erosion and sediment control measures and compliance with the amended condition of consent relating to monitoring, the quarrying activity and associated earthworks will not generate significant adverse environmental effects; and

- b) That the ongoing quarrying activity and associated earthworks is not contrary to the relevant objectives and policies of the Regional Plan: Sediment Control, and is consistent with the Auckland Regional Policy Statement, and Part II of the Resource Management Act.

Report prepared by:



Barry MacDonell  
**Quarry Consultant**

Report approved by:



Graeme Ridley  
**Acting Manager, Land and Water Quality**

*(This information is to be read in conjunction with the Expansive Soils map)*

### **EXPANSIVE SOILS**

Expansive Soils are soils that shrink as they dry out and swell as they become wetter.

A building on expansive soil requires a stiffer foundation if it is not to be damaged by the movement of the soil with moisture changes. With a highly expansive soil, significant relative movement can occur between the outer foundations and interior foundations of floor slabs.

The Council commissioned a desktop survey by Riley Consultants Limited in 2001 to classify the expansiveness of soils within the Rodney District and the report (LIR 10085) is contained in the Council's Land Information Register. Over 90 percent of the Rodney District is categorised as expansive soils.

### **SOIL CATEGORIES**

The Council's zones are defined as "A", "B", "C" and "D" and it is important to distinguish them from the Building Code adopted Standard set out in AS2870 which classes expansiveness of soils as **non-expansive, slight, moderate, high and extreme**.

Please refer to the Expansive Soils map (attached) to find out which soil category applies to your site.

<b>Expansive Category</b>	<b>Degree of Expansiveness</b>	<b>Type of Design</b>	<b>Design Specifications</b>
<b>A</b>	"good ground"	Standard foundation design	This is in terms of that the soil is not expansive. For additional requirements refer to the definition of "good ground" in NZS 3604.
<b>B</b>	slightly expansive soils	Alternative Solution 1, AS1; or an engineer can be engaged to specifically design the foundation	Standard NZS 3604 type footings founded the greater of a minimum of 600mm depth below finished ground level or 450mm depth below cleared ground level with a minimum width of 300mm.
<b>C</b>	moderately expansive soils	Alternative Solution 2, AS2; or an engineer can be engaged to specifically design the foundation	Standard NZS 3604 type driven timber piles to 1.5m (min) depth below cleared ground level.
<b>D</b>	There is insufficient information to assess the expansiveness of the soils. A geotechnical engineer will be required to test and analyse the soil for design of appropriate foundation. Frequently test results indicate that the soil either falls into Category B or C.		

The Expansive Soils categories have been mapped and colour coded to show the presence of the four different types of soils (four zones). The four zones have been mapped with **buffer zones** to allow for uncertainties due to the scale of the source of the data. For design purposes, a site within a buffer zone is classified as the worse of the two adjoining zones, unless site testing confirms otherwise.

**NOTE:** The report provides general recommendations for building foundations but does not deal with the possibility of other land features that would require specific attention, e.g. slopes, flooding, uncontrolled fill bearing strength etc. It is important to note that other site features such as slope instability, uncontrolled filling or flooding may also require investigation.

FORM/BG066

Postal Address: Rodney District Council, Private Bag 500, Orewa DX BP 60009 Website: [www.rodney.govt.nz](http://www.rodney.govt.nz) email: [info@rodney.govt.nz](mailto:info@rodney.govt.nz)

**Orewa Office**  
 50 Centreway Road, Orewa  
 Ph: (09) 426 5169  
 Fax: (09) 426 7280

**Helensville Service Centre**  
 Commercial Street, Helensville  
 Ph: (09) 420 8645  
 Fax: (09) 420 8196

**Huapai Service Centre**  
 State Highway 16, Huapai  
 Ph: (09) 412 9120  
 Fax: (09) 412 7514

**Warkworth Service Centre**  
 Baxter Street, Warkworth  
 Ph: (09) 425 8539  
 Fax: (09) 425 7584

As Built Drainage Plan

Owners name: Lawson and Zambuku Ltd Drain layers name: John Hawken Consent Number: ABA 1004386  
 Site Address: 132 Robinson Rd Leathale Drain layer Address: 12 ALEXANDRA ST Inspected by: \_\_\_\_\_  
 Legal Description: Rurohead Date inspected 29/6/2012

PLEASE INDICATE ON PLAN THE FRONT BOUNDARY

