

Land Information Memorandum L261455

Application

Harrison Joseph	No.	L261455
Harcourts Gold Papanui	Application date	15/06/2026
PO Box 5400	Issue date	18/06/2026
Papanui	Phone	0276957840
Christchurch 8542		

Property

Valuation No.	2354200300
Location	10 Preston Avenue, West Melton
Legal Description	LOT 3 DP 443759
Owner	Helps Benjamin Philip and Helps Anna Kate
Area (hectares)	0.1524

Rates

Rateable Value

The date of Selwyn's last General Revaluation was 1/09/24. For further information please contact Council's Rates Department.

Revaluation Year	2024
Land	\$450,000.00
Improvements	\$1,290,000.00
Capital Value	\$1,740,000.00

Current Rates Year 2025 to 2026

Annual Rates	\$6,026.85
Current Instalment	\$1,381.05
Current Year - Outstanding Rates	\$0.00

Arrears for Previous Years	\$0.00
Next Instalment Due	15/09/2026

Next Revaluation Due 2027

The rates listed for this property are correct as at the date of this report being issued.

If this property is vacant land, and the applicant intends building a house or making other improvements, additional rates and charges will be added. Such rates and charges are for the operation of the District libraries, local community centre and recreation reserves, sewerage and water systems and refuse collections and recycling.

If a ratepayer in the district purchases additional properties, that ratepayer maybe eligible for certain rating exemptions due to multiple ownership. The exemptions would only apply to uniform library charges on bare land blocks and an exemption from the uniform annual general charge if contiguous or same use land is purchased.

Please contact the Councils rates team if you require clarification on 0800 SELWYN (735 996).

Note: Rates are charged in four equal instalments for the period commencing 1 July and ending 30 June each year.

Planning/Resource Management

Partially Operative District Plan: General residential zone

Operative District Plan Zoning: Living WM

The Council has undertaken a review of the Operative District Plan and through this process it has developed a New District Plan ('The Partially Operative District Plan') which provides clear objectives, policies and rules to manage the effects of land use activities on the environment, but also sets a clear direction for our district's development and reflects our communities' needs and expectations. It also incorporates any changes in legislation, national and regional policy statements, environmental standards and other regulations.

The period for lodging appeals against decisions on the Partially Operative District Plan closed on the 6th of October 2023 and the Council released the Appeals Version of the Partially Operative District Plan on 27th November 2023. Many provisions in Partially Operative District Plan are now beyond challenge and are operative/treated as operative (pursuant cl 103 of Schedule 1 and s86F of the Resource Management Act (1991)).

The Operative District Plan now only applies where a relevant provision in the Partially Operative District Plan remains subject to appeal. For more information visit <https://selwyn.govt.nz/property-And-building/planningstrategies-and-plans/selwyn-district-plan/selwyn-district-plan-review>

Resource Consent 105274

Subdivide To Create 146 Residential Lots Ranging In Size From 600m2 To 5000m2 At Prestons Downs Also See 115187 & 115289 For Additional Lots. Refer 125088 Or Change To Staging

Section 223 Approval 11/02/2013

Granted By Local Authority Officer 11/05/2011

Planning Notes

The information provided on this LIM has come from the information lodged against the property file/information and GIS at the time of processing. Please note that the resource consents, fill certificates and other relevant property files listed are based on what is available on our general property information, and that there may be other documents for the property which have not yet been added to the property record.

Resource Consents often contain a multitude of information and reports that are not ordinarily separately referenced or included in the LIM itself. Information identifying each (if any) special feature or characteristic of the land concerned, including but not limited to potential erosion, falling debris, subsidence, slippage, alluvion, or inundation, or likely presence of hazardous contaminants.

Preliminary Site Investigation Reports, Detailed Investigation Site Reports and Geotechnical Reports are submitted as part of the subdivision Resource Consent Process it is not likely to be currently of relevance in relation to the "land concerned", otherwise it would be elsewhere noted on the LIM to the extent any issues still apply following subdivision).

Any resource applications or consents that may contain information relating to the land which is not otherwise included in the LIM, including Geotechnical, Environmental and other expert reports, can be obtained via Selwyn District Council Information Management team on information.management@selwyn.govt.nz

Building

Building Consent 140628

4 Bedroom Domestic Dwelling With Attached Garage

Withdrawn

Building Consent 152557

5 Bedroom Domestic Dwelling With Attached Garage.

Code Compliance Certificate Issued 19/09/2017

Buildings erected prior to 1965 may not have a building permit record or had inspections carried out.

All building products and materials have a designed life, and must be maintained in accordance with the manufacturer's specifications.

In the case of building permits and building consents no further inspections have been carried out by the council since these structures were completed.

Any concerns of this nature should be referred to an organization that carries out property checks or the product manufacturers.

Schedule 1 Exempt Building Work

Under section 42A of the Building Act 2004 building owners can carry out certain types of building work specified in Schedule 1 of the Building Act 2004 without need to obtain building consent approval. Where Council holds any information provided by a property owner in relation to exempt works undertaken on the property it is important to note that Council do not check or review the documentation for compliance, it is simply filed for record keeping purposes and not to satisfy any statutory obligation. Any information held of this nature has been provided at Councils discretion under Section 44A (3) of the Local Government Official Information and Meetings Act 1987 without any representation or warranty.

Services

Water

Council Water Scheme is available and connected.

This property has metered water supply connected to the West Melton Scheme. For any further information, please contact water.services@selwyn.govt.nz.

The Selwyn District Council Water Bylaw 2008 is applicable. A copy can be found at <http://www.selwyn.govt.nz/your-council/bylaws/current-bylaws> Please note this property has a water meter and charges are a rate which are payable by the property owner. Therefore, please ensure a meter reading is requested on settlement so you are not liable for previous owner's water charges. Solicitors must ensure that when settling rates with Council on the sale of a property that water meter charges are also included in the settlement calculation.

The water supply is metered and billed 6 monthly for every cubic meter of water used.

Commercial properties are required to have an RPZ backflow device. This must be installed just inside the boundary of the property at the point of water supply – this backflow device will be owned by the property owner and will be maintained under the building compliance schedule in addition to any other on-site backflow devices deemed necessary by the building department.

If, during a Civil Defence emergency event the water supply is not operational, Council's immediate focus for its staff and resources will be to bring the supply back into operation. Depending on the size and scale of the event, it may be difficult to meet everyone's needs so property owners are asked to take personal responsibility for drinking water.

As a precaution, the Council would also recommend from a drinking water perspective that a property owner also has bottled water available to meet their immediate drinking water needs of all individuals living on the property for a 72hr period (the recommended amount is 4 litres of water per person per 24hrs).

For those properties not connected to a Council reticulated water supply, it is encouraged that the quality of the domestic water supply be regularly tested to ensure that it is to a potable standard. If the same water supply is also used for irrigation or stock water, check that there is a backflow protection device to prevent any contamination of water supply.

Sewer

Council sewer scheme is available and connected.

Stormwater

Soak hole

This property may be located within an area covered by Environment Canterbury stormwater consent. It is the responsibility of the property owner to contact Environment Canterbury customer services to ensure that any activity undertaken on site complies with the relevant consent conditions.

Note – the above describes the current roof water disposal type and does not reflect the future situation, which should be determined as part of the subdivision (if applicable). For more information please contact Council.

Copy of drainage plan attached.

If you have any questions about the Water, Sewage or Stormwater information above please contact the Selwyn District Council Water Department at 0800 SELWYN or contactus@selwyn.govt.nz

Water Races

None known

Drains

None known

Kerbside Waste Collections

The Council provides refuse and recycling collection services for most residential and rural residential properties where these properties occur alongside maintained public roads. Private roads and Right of Ways (as maybe referenced in the Transportation Notes pertaining to this LIM) will not be directly serviced as these access ways are not usually of a sufficient standard to be used safely and efficiently by the collection vehicles. This could also apply to other public roads or streets that are narrow and/or have a lack of vehicle turning facilities. Rural and high country areas and settlements are not covered by regular collection services however localised refuse drop off facilities maybe available for use in specific areas. For further details and advice on refuse collection and recycling services as they may pertain to the property please phone the Council's Asset department on phone 3472 800. [Selwyn District Council - Collection Days & Routes](#)

If your address shows “no results found”, this means:

- your property is not serviced directly by kerbside collections
- you have a new property and either

- you have requested for your property to be added to the route and it is in the process of being added
- you have not yet requested for your property to be added to the route.

Please contact the Council for further detail.

Land and Building Classifications

Energy Infrastructure and Transport

This property is identified in the Partially Operative District Plan as being within the 13km Bird Strike Risk Management Overlay. This is an area within which the location of activities identified as giving rise to bird strike risk near the Christchurch International Airport are managed so that the continued operation of the Airport is not compromised. For further information visit policy EI-P6B <https://eplan.selwyn.govt.nz/review/rules/0/305/0/19356/0/232> or contact the Duty Planner on 0800 SELWYN (0800 735996).

Culture and Heritage

None known

Natural Environment

None known

District-wide matters

This property is within the Observatory Lighting Control Overlay. There are restrictions for non-residential artificial outdoor lighting to manage sky glow effects. For further information visit <https://eplan.selwyn.govt.nz/review> or contact the duty planner on 0800 SELWYN (0800735996).

Area-specific matters

None known

Land Notes

Land Notes: This property is located within the area encompassed by the Greater Christchurch Urban Development Strategy (UDS). The UDS is a joint initiative to plan and manage the growth of the Greater Christchurch Region over the next 35 years and is a partnership between the Christchurch City Council, Environment Canterbury, the Waimakariri District Council, Selwyn District Council, and Waka Kotahi NZ Transport Agency.

The Selwyn District Council is developing several strategic documents that seek to implement the UDS that may have an impact on this property in the future. Further information on Council projects can be found on the Council's website www.selwyn.govt.nz or by contacting the planning department on 0800 SELWYN (0800735996).

Land Notes: This property is within the area encompassed by the 2007 Christchurch, Rolleston, and Environs Transportation Study (CRETS). The published Strategy outlines a range of strategic transportation initiatives to cater for long term growth in this area of the district. This includes the upgrading of existing roads and the provision of new roads which may affect private property. Further information on this Study can be viewed on the Council's website www.selwyn.govt.nz under Transportation and Roding.

Please note the following attached reports:

- Preston Downs Subdivision, West Melton, commissioned by Selwyn District Council, 04/10/2011. This report affects a broad area or community. Purpose of the report: subdivision/land use.
- Geotechnical Appraisal Report, Davie Lovell-Smith, November 2011. This report affects only a broad area or community. Purpose of the report: subdivision/land use.

Listed Land Use Register (LLUR):

Hazardous activities and industries involve the use, storage or disposal of hazardous substances. These substances can sometimes contaminate the soil. Environment Canterbury identifies land that is used or has been used for hazardous activities and industries. This information is held on a publicly available database administered by Environment Canterbury called the Listed Land Use Register (LLUR). The Selwyn District Council may not hold information that is held on the LLUR, therefore, it is recommended that you check Environment Canterbury's online database at www.llur.ecan.govt.nz.

Residential Swimming Pool

No pool registered to this property.

Land Transport Requirement

Preston Avenue is a formed and sealed local road maintained by Selwyn District Council

Natural Hazards

This section sets out information that the Council holds relating to natural hazards, such as earthquake, tsunami, erosion, landslip, liquefaction/sedimentation and subsidence, wind and snow, or flooding/inundation.

Climate change is causing natural hazards to become more severe, occur more often, and affect a wider range of areas.

If the Property is identified below as being subject to a natural hazard, it may have been issued a building consent with a waiver or modification of the Building Code to confirm that building work will accelerate, worsen, or result in a natural hazard on the land on which the building work is to be carried out or any other property. If a waiver or modification has been issued, this will be noted in the Building section of the LIM above.

You can obtain further information about natural hazard matters from:

- The District Plan Natural Hazard chapter: [District Plan - Partially Operative Selwyn District Plan \(Appeals Version\)](#)
- https://experience.arcgis.com/experience/f7b9c60d5a624147bb731b1afa7788dd#data_s=where%3AdataSource_2-19b106a45d6-layer-17%3A%22Assessment_ID%22%3D%272354200300%27&zoom_to_selection=true
– use this map to view any of the natural hazards identified below that impact this Property or in the vicinity of the Property
- Our Duty Planner service at planning.technical@selwyn.govt.nz, or call 0800 SELWYN (735 996).

Earthquake

All properties in New Zealand may be affected by earthquakes, however, the Council holds no additional information about potential earthquake hazards at this Property.

Earthquake Prone Buildings

If this Property has an Earthquake Prone Building, this will be noted in the Building section of this LIM under “Earthquake Prone Buildings”.

Erosion

District Plan information relating to erosion

None known

Landslip and Rockfall

Regional mapping of landslides / rock avalanches

An earthquake hazard assessment for infrastructure commissioned by Environment Canterbury in 2006 included a regional-scale map of earthquake-induced landslide susceptibility and locations of known rock avalanches. Further information can be found in the technical report: [Selwyn District Engineering Lifelines Project: Earthquake Hazard Assessment](#), Geotech Consulting Ltd commissioned by Environment Canterbury, August 2006. The scope of this report is the Selwyn District. The purpose of the report was to assess earthquake hazards and their potential impacts on engineering lifelines (infrastructure) in Selwyn District.

Climate change may cause increased rain and storm intensity and frequency, and vegetation changes. These impacts of climate change may reduce the Property's resilience and exacerbate the landslip and rockfall hazard.

None known

Liquefaction and Subsidence

Liquefaction / Geotechnical risk

The Property is within an area where liquefaction damage is possible in future earthquakes. The Selwyn District Council has mapped areas where a liquefaction assessment is required, and other areas where a liquefaction assessment is only needed for certain activities. [View Selwyn District Council's maps](#). [View Selwyn District Plan rules relating to liquefaction / geotechnical planning requirements](#). Environment Canterbury has separately identified additional areas where liquefaction is possible. [View Environment Canterbury's map showing areas where liquefaction is possible](#). Further information about liquefaction generally can be found in the following technical reports:

- [Review of liquefaction hazard information in eastern Canterbury, including Christchurch City and parts of Selwyn, Waimakariri and Hurunui Districts](#), Environment Canterbury, December 2012. This report covers the Coastal Canterbury from the Waipara River mouth to the Rakaia River mouth, including Banks Peninsula, and inland to Rangiora, Aylesbury, Selwyn and Southbridge. The purpose of this report was to

collate liquefaction occurrence during the 2010/11 Canterbury earthquakes, and to determine liquefaction vulnerability.

- Selwyn District Engineering Lifelines Project: Earthquake Hazard Assessment, Geotech Consulting Ltd commissioned by Environment Canterbury, August 2006. This report covers the Selwyn District. The purpose of the report was to assess earthquake hazards and their potential impacts on engineering lifelines (infrastructure) in Selwyn District and for use in infrastructure and emergency management planning.

Climate change may cause changes in groundwater and sea level rise. These impacts of climate change may reduce the Property's resilience and exacerbate the impacts of the liquefaction and subsidence hazard.

As part of any building consent application, you may need a site-specific assessment or site subsoil investigation to establish the level of susceptibility to liquefaction or to confirm that 'good ground' can be achieved for any building work. The scope and testing of any site-specific assessment must be carried out by a CPEng Geotechnical engineer. The ground bearing capacity in this area may not achieve the requirements of the NZ Building Code Clause B1, and specific design may be required. The definition of 'good ground' can be found in the Definitions section of the NZ Building Code Handbook, and appropriate test methods are detailed in either NZS3604, or NZBC B1/VM4.

Areas where there was evidence of liquefaction were mapped following the 2010/11 Canterbury earthquakes by Tonkin & Taylor for the Earthquake Commission (urban areas) and by a group of researchers for Environment Canterbury (rural, commercial and industrial areas). These are available on Environment Canterbury's liquefaction map. Further information can be found in the technical report: Review of liquefaction hazard information in eastern Canterbury, including Christchurch City and parts of Selwyn, Waimakariri and Hurunui Districts, Environment Canterbury, December 2012. This report covers Coastal Canterbury from the Waipara River mouth to the Rakaia River mouth, including Banks Peninsula, and inland to Rangiora, Aylesbury, Selwyn and Southbridge. The purpose of this report was to collate liquefaction occurrence during the 2010/11 Canterbury earthquakes, and to determine liquefaction vulnerability.

Tsunami

None known

Flooding and Inundation

District Plan information relating to flooding and inundation

This Property is within the following flooding or inundation overlay(s) or areas in the District Plan. Information and reports about the relevant overlay are included below. Climate change may cause increased rain and storm intensity and frequency, and sea level rise. These impacts of climate change may reduce the Property's resilience and exacerbate any flooding and inundation hazard.

Plains Flood Management Overlay

The Plains Flood Management Overlay in the Council's District Plan identifies areas where flooding from a 200-year Average Recurrence Interval (ARI) flood event needs to be managed. View a map of the overlay. View the rules relating to the overlay. Further information can be found in the following technical reports:

- Selwyn River/Waikirikiri floodplain investigation, ECAN report, September 2019
- Regional Policy Statement Modelling for Selwyn District Council – District Plan, DHI Water and Environment Limited report, November 2019

Environment Canterbury information regarding flooding and inundation

Historic Flooding Photographs

Photographs showing the property during or following past flood events may be available. Flood photographs are available on Environment Canterbury's [flood imagery register](#).

Other flooding and inundation information

Climate change may cause increased rain and storm intensity and frequency, and sea level rise. These impacts of climate change may reduce the Property's resilience and exacerbate any flooding and inundation hazard.

Flood modelling

This Property may be susceptible to flooding from the Selwyn River and/or in heavy rainfall events. View the flood model results. More detail can be found in the technical report: Selwyn District Flood Model - Hydraulic Model Build Report, Tonkin + Taylor commissioned by Selwyn District Council, August 2025.

Ground Water Level

The ground water level at this Property is Less than 30m below ground for this Property. A high ground water level may exacerbate any flooding at this Property, or the impact of any flooding at this Property.

Exposure Zones

Exposure zones are standardised categories for a property's potential exposure to certain risks. Any proposed building work may need specific engineering design, depending on the exposure of the construction site. The categories are based on two standards: NZS3604:2011 and AS/NZS1170:2002.

	NZS3604:2011	AS/NZS1170:2002
Wind Region	A	A7
Snow Zone	N4	N4 Sub-alpine
Earthquake	Zone: 2	Z Factor: 0.3
Approximate Altitude (Amsl)	92m	-
Exposure Zone	B	-

Exposure Zone Descriptions

Zone B: Low

Inland areas with little risk from wind blown sea-spray salt deposits

Zone C: Medium

Inland coastal areas with medium risk from wind blown sea-spray salt deposits. This zone covers mainly coastal areas relatively low salinity. The extent of the affected area varies significantly with factors such as winds, topography and vegetation.

Zone D: High

Coastal areas with high risk wind blown sea-spray salt deposits. This is defined as within 500 m of the sea including harbours, or 100 m from tidal estuaries and sheltered inlets.

Special Land Features

Soil Type

Templeton moderately deep fine sandy loam

Eyre shallow sandy loam

Land Fill

None known

Licences/Environmental Health

None known

Network Utility Operators

Information related to the availability of supply, authorisations etc. (e.g. electricity or gas) can be obtained from the relevant Network Utility Operator.

Other Information

1. The applicant is advised that the Environment Canterbury may have other information in relation to this property including, but not limited to:
 - a) Discharge consents.
 - b) Well permits.
 - c) Consents to take water.
 - d) The existence of contamination and/or hazardous sites.
 - e) Flooding.
 - f) Clean air discharge compliance.

Further information may be obtained from Environment Canterbury by requesting a Land Information Request (LIR). To find out more contact the Environment Canterbury on 0800 ECINFO (0800 324 636) or at <http://www.ecan.govt.nz/>

2. The following further information is supplied on the basis set out in note 2 below.

Notes

1. The information supplied in the sections of this report, other than 'Other Information', is made available to the applicant pursuant to Section 44A(2) of the Local Government and Official Information Act 1987 by reference to Council files and records. No property inspection, or title search, has been undertaken. To enable the Council to measure the accuracy of this LIM document based on our current records we would appreciate your response should you find any information contained herein which may be considered to be incorrect or omitted. Please telephone the Council on 0800 SELWYN (375 996).
2. The information or documents supplied to the applicant and referred to in the 'Other Information' section of this report has been supplied to the Council by property owners, their agents and other third parties. That information is made available pursuant to section 44A(3) of the Local Government and Official Information Act 1987 on the basis that:
 - a) The information may be relevant to the purposes for which this report is obtained;

- b) The Council does not warrant or represent the accuracy or reliability of the information. If the subject matter of that information is important to the applicant it is recommended that relevant professional advice should be taken before reliance is placed upon that information.
3. The information included in the LIM is based on a search of Council records only and there may be other information relating to the land which is unknown to the Council. Council records may not show illegal or unauthorised building or works on the property. The applicant is solely responsible for ensuring that the land is suitable for a particular purpose.
4. Schedule 1 Exempt Building Work
- Building owners can carry out certain types of building work without needing to obtain a building consent. This exempt building work is listed in Schedule 1 of the Building Act 2004.
- It is the owners' responsibility to ensure that any exempt building work done complies with the Building Code and fits within the provisions of the schedule before they carry out the work.
- Please note that Council do not check or review documentation for compliance where information on exempt work has been provided by a property owner to Council. This information is simply filed for record keeping purposes and not to meet any statutory obligation.
- Any information of this nature held by Council has been provided at Councils discretion under Section 44A (3) of the Local Government Official Information and Meetings Act 1987 without any representation or warranty.
5. The Council has used its best endeavors to ensure that all information provided in this LIM report is correct and complete in all material respects. In the event that a material error or omission can be proven the Council's liability, whether in contract or in tort shall be limited to the fee paid to Council to obtain this report.
6. This information reflects the Selwyn District Council's current understanding of the site, which is based only on the information thus far provided to it and held on record concerning the site. It is released only as a copy of those records and is not intended to provide a full, complete or totally accurate assessment of the site. As a result the Council is not in a position to warrant that the information is complete or without error and accepts no liability for any inaccuracy in, or omission from, this information.
7. The information contained in this Land Information Memorandum is current at the date the memorandum is issued. Further relevant information may come into the Council's possession subsequent to the date of issue.

Information Management Team

Date: 18/06/2026

LIM Report Legend

Base Layers

- Road
 - Road
- Railway
 - Railway
- District Boundary
 - ⊠ District Boundary
- Township Boundary
 - ⊠ Township Boundary
- Ratepayer Information
 - Ratepayer Information
- Parcels
 - Parcels

PODP - Zones and Precincts

- Precincts
 - ⊠ Commercial Precincts
 - ⊠ Industrial Precincts
 - ⊠ Airfield Precincts
 - ⊠ Rural Precincts

Zones

- Large lot residential zone
- Low density residential zone
- General residential zone
- Medium density residential zone
- Settlement zone
- General rural zone
- Neighbourhood centre zone
- Local centre zone
- Large format retail zone
- Town centre zone
- General industrial zone
- Special purpose zone

Zone and Water Services

SWL Water Points

- Supply Point
- Valve
- Node
- Hydrant
- Tank
- Irrigation
- Equipment
- Facility
- Meter
- Fire Plant

SWL Water Lines

- Pipe - Treated
- Irrigation
- Pipe - Untreated
- Pipe - Sewer
- Pipe - Unknown
- Other

SWL Private Water Points

-

SWL Private Water Lines

-

SDC Water Points

- EQUIPMENT - BORE
- EQUIPMENT - GENERATOR
- EQUIPMENT - SAMPLE TAP
- EQUIPMENT - OTHER
- FACILITY
- FIRE PLANT
- HYDRANT
- IRRIGATION
- NODE
- OBSOLETE
- SUPPLY POINT
- TANK
- VALVE

SDC Water Lines

- DIM LINE
- DUCT
- IRRIGATION
- NON SDC SERVICE
- OBSOLETE
- OUTLINE
- PIPE - TREATED
- PIPE - UNTREATED
- PIPE - SEWER
- SITE_BOUNDARY

SWL Sewer Points

- Manhole
- Valve
- Chamber
- Node
- Equipment
- Facility

SWL Sewer Lines

- Gravity
- Pressure
- Rising
- Other

SWL Private Sewer Points

-

SWL Private Sewer Lines

-

SDC Sewer Points

- TYPE
- CHAMBER
- EQUIPMENT
- FACILITY
- MANHOLE
- NODE
- VALVE

SDC Sewer Lines

- OUTLINE
- DIM LINE
- DUCT
- IRRIGATION
- NON SDC SERVICE
- OBSOLETE
- OUTLINE
- PIPE_GRAVITY
- PIPE_RISINGMAIN
- SITE_BOUNDARY

Storm Points

- TYPE
- CHAMBER
- EQUIPMENT
- FACILITY
- INLET/OUTLET
- MANAGEMENT
- MANHOLE
- NODE
- SOAKHOLE
- SUMP
- VALVE

Storm Lines

- TYPE
- CHANNEL
- DIM LINE
- OBSOLETE
- OUTLINE
- PIPE

SITE_BOUNDARY

- Soakhole w/Hoz Soakage
- StopBank

Storm Polygons

- TYPE
- CATCHMENTS
- CONSENT AREA
- GROUNDWATER LESS 6M
- OUTLINE OF BASIN RATED AREA

Stormwater Management Area

- Stormwater Management Area

West Melton Observatory Zone

- West Melton Observatory Zone

Planning Zones

- High Country
- Port Hills
- Existing Development Area
- Living 1
- Living 2
- Living 3
- Living X
- Living West Melton (North)
- Living Z
- Deferred Living
- Business 1
- Business 2
- Business 3
- Inner Plains
- Outer Plains
- Malvern Hills
- Key Activity Centre
- Living West Melton (South)

Liquefaction Drains and Water Race

CDrain_pt

- GATE
- Site
- WEIR

CDrain_In

- DRAIN
- ECan
- OUTLINE
- StopBank
- Site Boundary

WRace_pt

- DISCHARGE
- DIVIDE
- EQUIPMENT
- GATE
- GRILL
- HEADWALL
- MANHOLE
- NODE
- POND
- SHAFT
- SOAKHOLE

WRace_In

- AQUEDUCT
- CULVERT
- DIM LINE
- EMERGENCY DISCHARGE
- INTAKE
- LATERAL
- LOCAL
- MAIN
- OBSOLETE
- OUTLINE
- SIPHON
- TUNNEL

SDC Cleaned

- SDC Cleaned

Project Extent

- Project Extent

Boundary Between Liquefaction Assessment Zones

- Boundary Between Liquefaction Assessment Zones

Liquefaction Susceptibility

- DBH TC Zoned Area
- Damaging liquefaction unlikely
- Liquefaction assessment needed

Ecan River Protection Scheme

- Properties Beside Rivers
- Halswell Staff Gauges
- Halswell Floodgates
- Halswell Drainage

Greendale Fault

- Greendale Fault 50m Buffer
- Fault Lines (GNS 2013)
- Folds (GNS 2013)

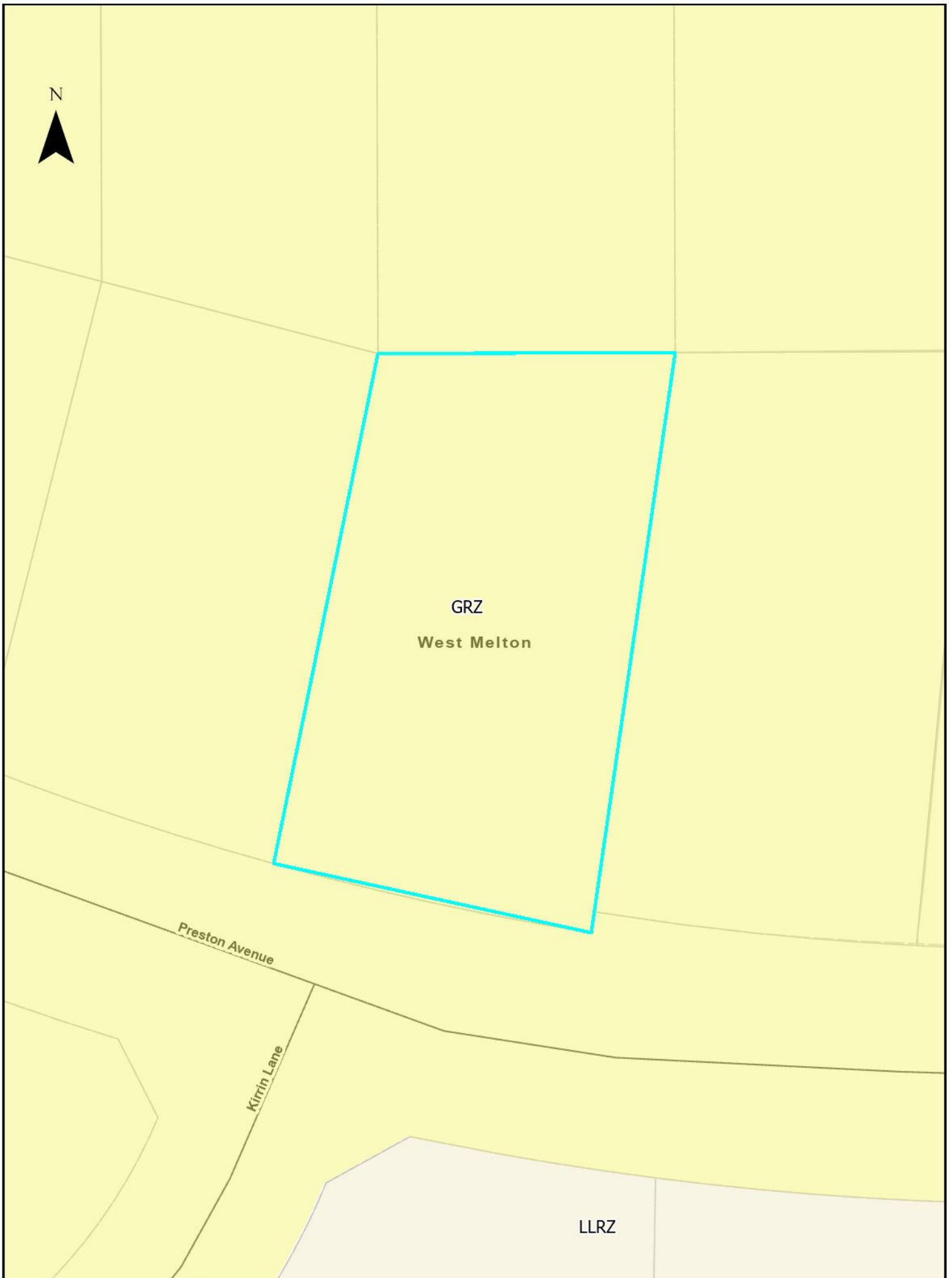
Biodiversity

- Canterbury Plains SDC AB and C Classes
- Endangered Flora and Fauna
- Potentially Significant Sites
- Confirmed SNA Sites
- Significant Natural Areas (Final 115)

LIM REPORT - Zone and Water Services



LIM REPORT - PODP Zone and Precinct



RESOURCE CONSENT INFORMATION

This document is one of three pages titled “Resource Consent Information” which should be read together.

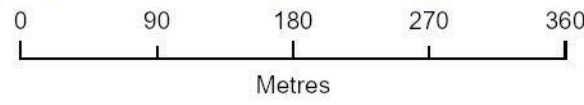
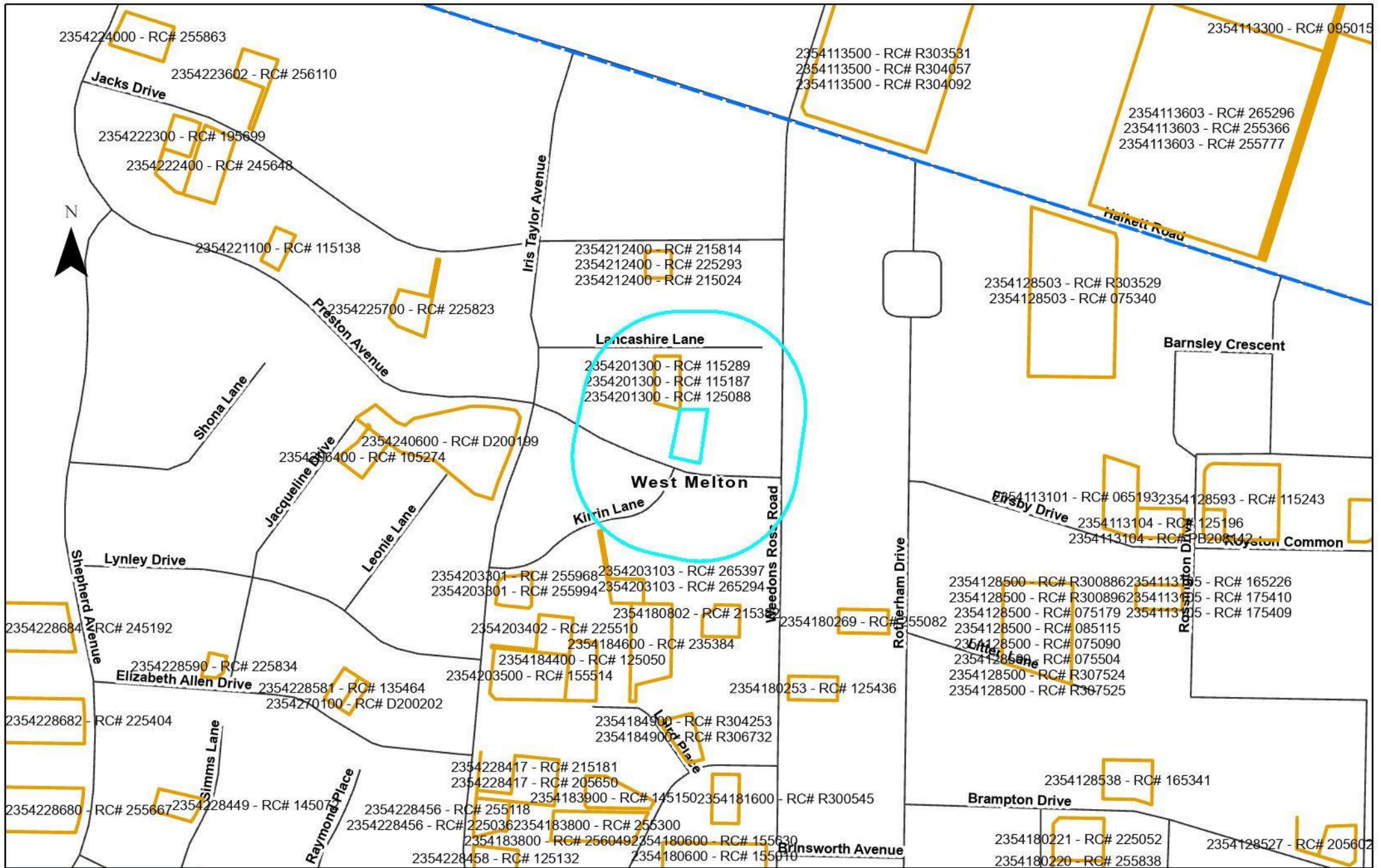
- Because of the large number of resource consents only consents which fall within the red buffer as identified on the map have been included with this report.
- If further information is required please contact the Council’s Planning Department – Phone Direct 03 3472 868.
- Every effort is made by the Council to identify resource consent in proximity to the property subject to this LIM application. However, it is suggested that a site inspection be undertaken by prospective purchasers to identify any land uses of interest. These may include uses which have existing use rights or other uses which are permitted under the Council’s District Plan.

Resource Consent Status Codes:

GHP	Granted by Hearing
GEC	Granted by Environment Court
GDEL	Granted by Delegation
GCOM	Granted by Commissioner
DCOM	Declined by Commissioner
DHP	Declined by Hearing
WD	Withdrawn application
AP	Approved
DC	Declined
Blank	No decision issued
DN	Decision Notified

ADN	Appeal Decision Notified
AE	Appeal expiry
AEC	Appeal Heard by Environment
AN	Abatement Notice
AR	Appeal received
ARI	Application returned incomplete
AWD	Appeal withdrawn
CC	Cancelled
CCI	Certificate Compliance Issued
D37	Deferred under s.37
D37E	s.37 deferral ends
D91	Deferred under s.91
D91E	s.91 deferral ends
ECDN	Environment Court Decision notified
FI	Further Information
FICR	Further Information request - no clock restart
FR	Formally received
HD	Hearing Date
HH	Hearing held
INV	Invoiced
IR	Information received
LAPS	Lapsed
LD	Lodged
LN	Limited Notified
LS	Lapsed
ODN	Objection decision notified
OH	On Hold
OR	Objection received

PA	Pre- application
PN	Publically notified
PS	Process suspended
RAD	Recommendation adopted by Council
RRA	Recommendation to required authority
S223	Section 223
S224	Section 224
SC	submissions closed
WAR	Written Approval Requested
WARE	Written Approvals Received



Date: 17/06/2026
 Cadastral Information derived from Land Information
 New Zealand's Digital Cadastral Database (DCDB)
 CROWN COPYRIGHT RESERVED
 Approved for internal reproduction by Selwyn District Council
 Digital Licence No.133562-01
 Data Projection: NZGD2000 New Zealand Transverse

Assessment_ID	RC Number	Proposal	Decision Date
2354201300	115187	SUBDIVIDE TO CREATE AN ADDITIONAL 6 LOTS AT PRESTON DOWNS SEE 105274 ALSO 115289	2011-08-23
2354201300	115289	SUBDIVIDE TO CREATE 5 ADDITIONAL LOTS WITHIN THE PRESTON DOWNS DEVELOPMENT - SEE 105274 ALSO 115187	2011-12-13
2354201300	125088	Change of conditions to amend staging ON 105274	2012-05-03

Code Compliance Certificate

Section 95, Building Act 2004

The Building

Street address of building: 10 Preston Avenue, West Melton

Legal description of land where building is located: LOT 3 DP 443759

Building name: N/A

Location of building within site/block number: 10 Preston Avenue, West Melton

Level/unit number: N/A

Current, lawfully established, use: 2.0 Housing: 2.0.2 Detached Dwelling

Number of Occupants: N/A

Year first constructed: 2016

The Owner

Name of owner: B P & A K Helps

Contact person: B P & A K Helps

Mailing address: 22 Preston Avenue, West Melton

Street address/registered office: N/A

Phone number: 033421338

Mobile: N/A

Facsimile number: N/A

Email address: info@grounddown.co.nz

First point of contact for communications with the council/building consent authority: John Curtin

Building Work

Building consent number: BC152557

Description: 5 Bedroom Domestic Dwelling with Attached Garage.

Issued by: Selwyn District Council

Code Compliance

The building consent authority named below is satisfied, on reasonable grounds, that -

- the building work complies with the building consent.

Carl Petersen

Building Control Officer

On behalf of: Selwyn District Council

Issue Date: 19 Sep 2017

IMPORTANT INFORMATION;

**This letter is to go out with any LIMs requested and
subdivision lots.**

Info received from Ben Rhodes 16/02/2012

3680
4 December 2011



GEOTECH
consulting ltd

Selwyn District Council
PO Box
Rolleston

Attention Ben Rhodes

Dear Sir,

RE: Preston Downs Subdivision, West Melton - Geotechnical Report Peer Review

Geotech Consulting has been asked to carry out a peer review on the geotechnical report for this 63.8 ha subdivision. The Geotechnical Appraisal Report is by Davie Lovell Smith dated November 2011. In particular the peer review is to ensure compliance with the CERA guidelines for the assessment of liquefaction potential.

The report includes data from 18 shallow test holes and three deep boreholes on the site. The site is essentially underlain with a thin silt and sand layer (typically 0.5 – 1m thick) overlying gravel to many tens of metres depth. In some areas there are natural sand dunes increasing the depth of finer grained soils above the gravel to up to 3m under the topographic highs. The water table was measured in the deep boreholes at 25 – 26m depth. It is reported that no surface evidence of liquefaction has been recorded in the area, (and none would be expected), despite the strong shaking experienced in the September 2010 Darfield earthquake.

We agree that there is minimal to no liquefaction potential at the site. The extent of work reported complies with the intent of the CERA requirements, in my opinion. The site would be TC1 Technical land classification.

I do not consider that further geotechnical investigation is required prior to building consent stage when additional augers and scala penetrometer testing as per NZS3604 should be carried out to verify that there are no particular issues at the specific house sites. This is applicable to the whole subdivision area.

Yours faithfully
Geotech Consulting Limited

Ian McCahon

Dr. Mark Yetton E-mail myetton@geotech.co.nz

Nick Traylen E-mail ntraylen@geotech.co.nz

Ian McCahon E-mail mccahon@geotech.co.nz

Tel (03) 9822 538

Fax (03) 3257 555

PO Box 130 122

4 / 6 Raycroft Street

Christchurch 8141 New Zealand

GEOLOGICAL & ENGINEERING SERVICES

IMPORTANT INFORMATION

To go on LIMs under Land Notes:

Please find attached a copy of the Geotechnical Appraisal Report from Davie Lovell-Smith dated 16th November 2011.

Please note this will be required to go on any lots when this property is sub-divided

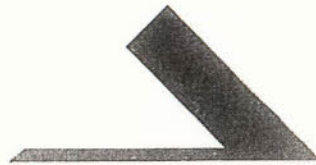
Info from Ben Rhodes 14/11/2011

GEOTECHNICAL APPRAISAL REPORT

PRESTON DOWNS SUBDIVISION
WEST MELTON

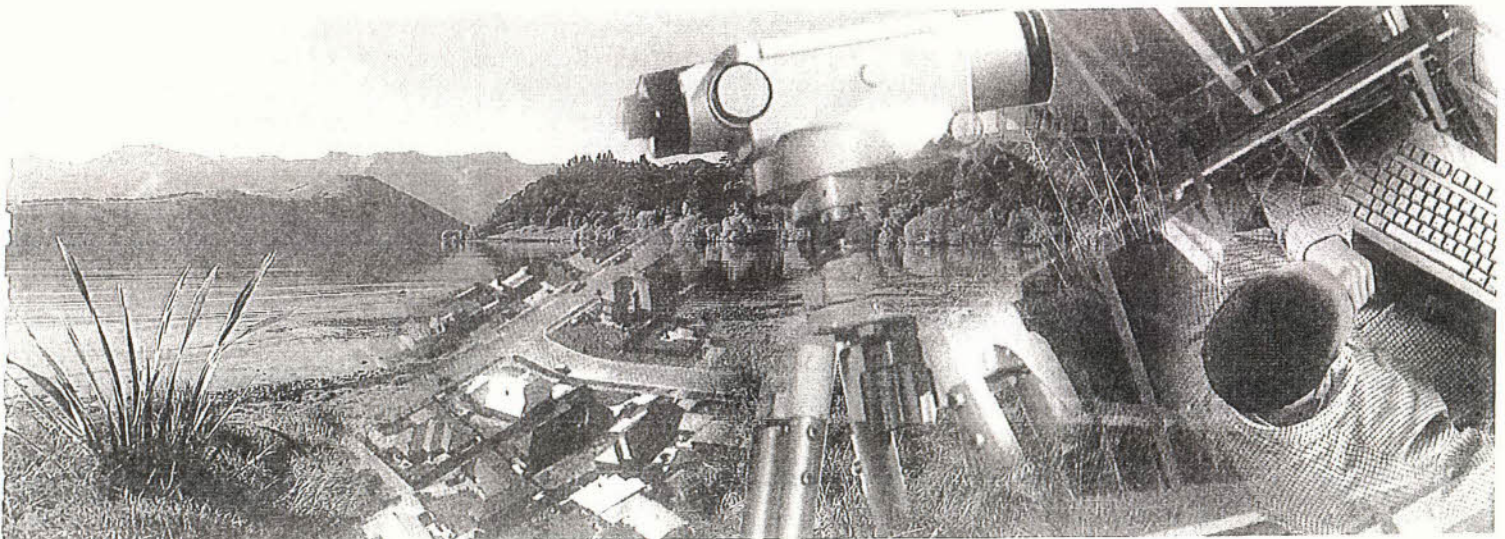
C.16714

November 2011



DAVIE LOVELL·SMITH

PLANNING SURVEYING ENGINEERING



Shaping the future since 1880

Revision History

Rev Number:	Prepared By:	Description:	Date:
R0	AJEH	Initial Report	21-11-11

Document Control

Action:	Name:	Signed:	Date:
Prepared By	Andy Hall		21-11-11
Reviewed By	Gordon Peebles		21-11-11
Approved By	Andy Hall		21-11-11

This report has been prepared by Davie Lovell-Smith Ltd on the specific instructions of our client. It is solely for our clients use for the purpose for which it is intended and in accordance with the agreed scope of work. Any use or reliance by any person contrary to the above, to which Davie Lovell-Smith Ltd has not given prior written consent, is at that persons own risk.

REPORT

CONTENTS

1.	INTRODUCTION	1
2.	INVESTIGATIONS.....	1
3.	LIQUEFACTIOUS POTENTIAL.....	2
4.	BEARING CAPACITY.....	2
5.	DEFINITION OF GOOD GROUND.....	3
6.	PROXIMITY TO THE GREENDALE FAULT	4
7.	CONCLUSIONS	4

APPENDICES

APPENDIX A – Topographical Plan of the Site

APPENDIX B – Davie Lovell-Smith Ltd Scala Penetrometers and Augers

APPENDIX C – Thirteen Augers across the Site

APPENDIX D – Deep water bores

APPENDIX E – Environment Canterbury Well data

APPENDIX F – University of Canterbury Trace of the Greendale Fault

1. INTRODUCTION

The purpose of this report is to examine and discuss the geotechnical stability of the land and soils at the Prestons Downs subdivision in West Melton. The development is owned by G W West Melton Ltd and is currently being constructed as a residential subdivision. The site is located at the corner of Halkett and Weedons Ross Roads. The total site area is 63.8ha.

Following the recent Darfield and Christchurch earthquakes, a greater emphasis has been placed on the investigation and assessment of development land and its performance under seismic loading. The Selwyn District Council have requested that a geotechnical review of this development land be undertaken to assess the potential geotechnical hazards and any mitigating measures that may need to be addressed as part of the construction.

The Council would like to ensure that there is a geotechnical investigation in place that may be provided to potential purchasers. This report will provide information required by potential purchasers to make them aware of any geotechnical issues connected with the site. This report will particularly address the following issues:

- Liquefactive potential
- Bearing capacity of the soils
- The definition of "Good Ground"
- The proximity of the Greendale Fault

This report will present the geotechnical data currently at hand and describe the additional data required during construction to ensure that the development meets all the requirements of good practice. The additional data can be referenced in the Earthfill Report presented to Selwyn District Council at the time of applying for the subdivisions s.224c certifications.

The site is generally flat with some undulation and an area of sand dunes. Please refer to the topographical plan in Appendix A. The site has historically been used to graze stock and is predominantly vegetated with grass feed. 200mm – 500mm of silty topsoil covers the site. There are no permanent waterways on the site but the undulations act as channels during large rainfall events.

2. INVESTIGATIONS

A number of reports and investigations have been compiled in regards to the geotechnical nature of this site. The data compiled to date includes:

- Davie Lovell-Smith Ltd Scala Penetrometer tests to 1.8m depth and associated auger logs to a depth of up to 3.1m. Please refer to Appendix b. These tests were conducted to examine the sites sand dunes. The testing suggested that the sand dunes had formed naturally and did not contain buried layers of topsoil.

- 13 additional augers excavated across the site to a depth of up to 3m in depth. Please refer to Appendix C. These augers consistently showed sands and gravels and no water table.
- 3 deep bores drilled to primarily determine a water supply. The bores were logged and provide very specific details about the depth of the gravels and the level of the water table. Please refer to Appendix D. Two of the bores were to 100m depth and the third went to 35m. All three bores displayed a gravel or clay layer beneath the site to full depth. The depth to the water table was determined as approximately 26m.
- Data retrieved from the Environment Canterbury GIS describing soils found during the construction of the existing West Melton water bore. This is attached in Appendix E. These borelogs generally agree with the data otherwise found. The water table was found to be 24.7m below ground level.

In general terms, the typical soils on this site comprise of a 300mm layer of topsoil over various layers of sands, gravels and clay bound gravels. The water table appears to be approximately 26m below existing ground level.

3. LIQUEFACTIOUS POTENTIAL

For a soil to have Liquefactious Potential it needs to meet a specific moisture and grading criteria. Essentially the soil needs to be a saturated fine sand or silt. The soils experienced on this development site do not display any of these liquefactious properties. The groundwater table is very deep at approximately 26m and the soils are generally gravels and clays. We therefore draw the conclusion that the soils under this project have a low liquefactious potential and that the earthworks does not need to be designed to meet liquefactious conditions.

In addition to this, an inspection of the site was undertaken after the September 4th Darfield Earthquake. There was no evidence of land deformation or sand boiling on the site. We use this anecdotal evidence to support our conclusion that the site has a low susceptibility to liquefaction.

Lateral spreading is often associated with liquefactious soils. There is no evidence of lateral spreading following the earthquakes and this again supports our conclusion that the soils have a low liquefactious potential.

4. BEARING CAPACITY

Some Scala Penetrometers have been performed on the site. These tests were taken to a depth of 2m or until they hit gravels. The optimal bearing capacity is 300kPa with a safety factor of 3. This results in a target bearing capacity of 100kPa. In terms of the test equipment, this bearing strength is determined by a minimum of 2 blows per 50mm of penetration.

In general, the testing produced 100kPa bearing strength at a depth of approximately 600mm. There was some evidence of weaker soils at depth. These weaker areas coincided with non-cohesive silty sands. The Scala Penetrometer is not reliable in non-cohesive materials and any such results should not be considered conclusive. These non-cohesive soils will be easier to compact during the general earthworks of the site and are expected to strengthen over that time.

5. DEFINITION OF GOOD GROUND

For the purpose of applying the New Zealand Standard for Timber Framed Buildings NZS3604:2011, the finished sites need to be proven to be considered "good ground". Since the recent earthquakes, NZS3604 has been revised in its determination of good ground. Foundation soils are considered to be good ground under the following criteria:

- No buried services under the footings
- No evidence of land instability
- No uncontrolled land filling
- No buried topsoil, soft peat, very soft clay, soft clay or expansive clay.

In addition to this, the soils must meet at least one of the following:

- a) Meet a soil bearing capacity of 300kPa as detailed in the testing requirements in NZS3604.
- b) Inspection of existing structures, council records, local history and geological data shows no evidence of erosion or land instability
- c) Geotechnical completion report in accordance with NZS4404 identifies good ground.

Under normal circumstances, the option a) would be applied. However, this testing regime does have some prerequisite requirements. For this testing to be applied, the location of the future buildings foundations need to be determined and the tests carried out in those locations. Also the number of tests to be performed are a function of the building size. Clearly, at the time of subdivision, the proposed buildings have not been designed and the testing criteria cannot be met. For these reasons, under usual circumstances, the proving of good ground for bearing capacity is undertaken in association with a building consent application.

During the construction of the site, the earthworks will be carried out in accordance with NZS4431:1989. This NZS4431 certification relates to the filling on the site but does not test the insitu soils. The insitu soils may require testing in accordance with NZS3604 at the time of Building Consent Application.

6. PROXIMITY TO THE GREENDALE FAULT

Please refer to the attached University of Canterbury trace of the Greendale Fault in Appendix F. This plan also depicts the location of the Preston Downs development site. From this information we can determine that the alignment of the fault is over 6 kilometres from the site.

The GNS guidance document "Planning for Development of Land on or Close to Active Faults" indicates that a fault avoidance zone of 20m to each side of the fault should be established. This is to limit the risk of intense deformation or secondary ruptures in the near vicinity of structures.

The Greendale Fault is not considered to be a factor in the development of this development.

7. CONCLUSIONS

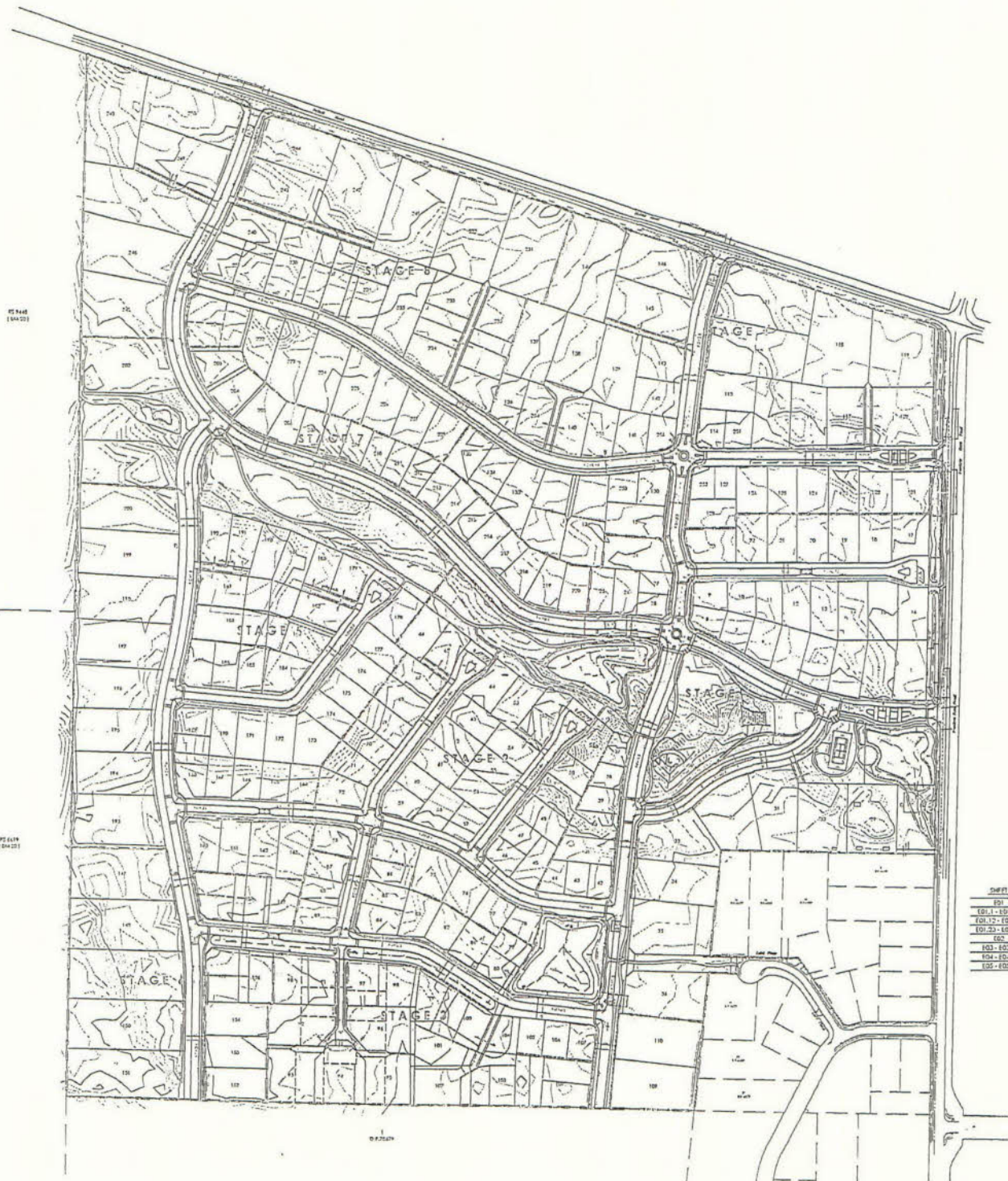
This report has carried out an appraisal of the geotechnical data available from the Preston Downs development site in West Melton. From this data we have been able to determine the following conclusions.

- a) The site has a low liquefactive potential
- b) The soils bearing capacities on the site require testing in terms of NZS3604 at the time of Building Consent Application.
- c) The site is not affected by the Greendale Fault

A J E Hall

Chartered Professional Engineer

APPENDIX A – Topographical Plan of the Site



PS 848
(14/02)

PS 619
(14/02)

07/2011



AMENDMENT	DATE	DESCRIPTION
R0	AUG 2010	FOR TENDER
R1	OCT 2010	FOLLOWING SDC COMMENT, FOR APPROVAL
R2	DEC 2010	SDC APPROVED
R3	AUG 2011	STAGE 4 AMENDED

NOTES:

LEGEND:

E21.21	PROPOSED ERS LEVEL
H21.31	PROPOSED HS ERS LEVEL
M21.31	PROPOSED MOUNDABLE MESHAN ERS LEVEL
S21.31	PROPOSED BOARD & PARTH LEVEL
T08-09.31	TOP OF BANK LEVEL
B08-09.31	BOTTOM OF BANK LEVEL
W21.35	EXISTING LEVELS

EXISTING SERVICES	PROPOSED SERVICES
SANITARY SEWER 375.0MM	SANITARY SEWER 375.0MM
SANITARY SEWER 450.0MM	SANITARY SEWER 450.0MM
STORMWATER 450MM	STORMWATER 450MM
WATER 75MM VALVE	WATER 75MM VALVE
ERS	ERS

GILLMAN WHEELANS LTD
Residential Subdivisions
P.O. Box 521, Christchurch

DAVID LOVELL-SMITH
PLANNING CONSULTANT

79 Cambridge Terrace P O Box 870 Christchurch 1, New Zealand
Telephone: 03 379-0723 Fax: 03 379-0504 Email: david@dwls.co.nz

JOB TITLE:
**Gillman Wheelans Limited
Preston Downs - West Melton**

SHEET TITLE:
Overall

DRAWING STATUS:
For Construction

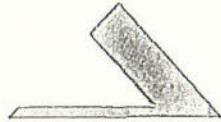
SCALE: 1:2000@A1 DATE: August 2011
1:4000@A3

CAD FILE: J:\16714\16714\16714\16714\16714.dwg
DRAWING No: SHEET No: REVISION:
C.16714.E01.0 **R3**

PLAN SCHEDULE

SHEET	DESCRIPTION	SCALE
E01	Overall Plan	1:2000
E01.1 - E01.11	General & Stormwater	1:500
E01.12 - E01.22	Roadways	1:500
E01.23 - E01.33	Water	1:500
E02	Landmarks	1:2000
E03 - E03.4	Reading Details	As Shown
E04 - E04.6	Stormwater Connections	As Shown
E05 - E05.4	Sewer Connections	As Shown

APPENDIX B – Davie Lovell-Smith Ltd Scala Penetrometers and Augers



DAVIE LOVELL SMITH

PLANNING SURVEYING ENGINEERING

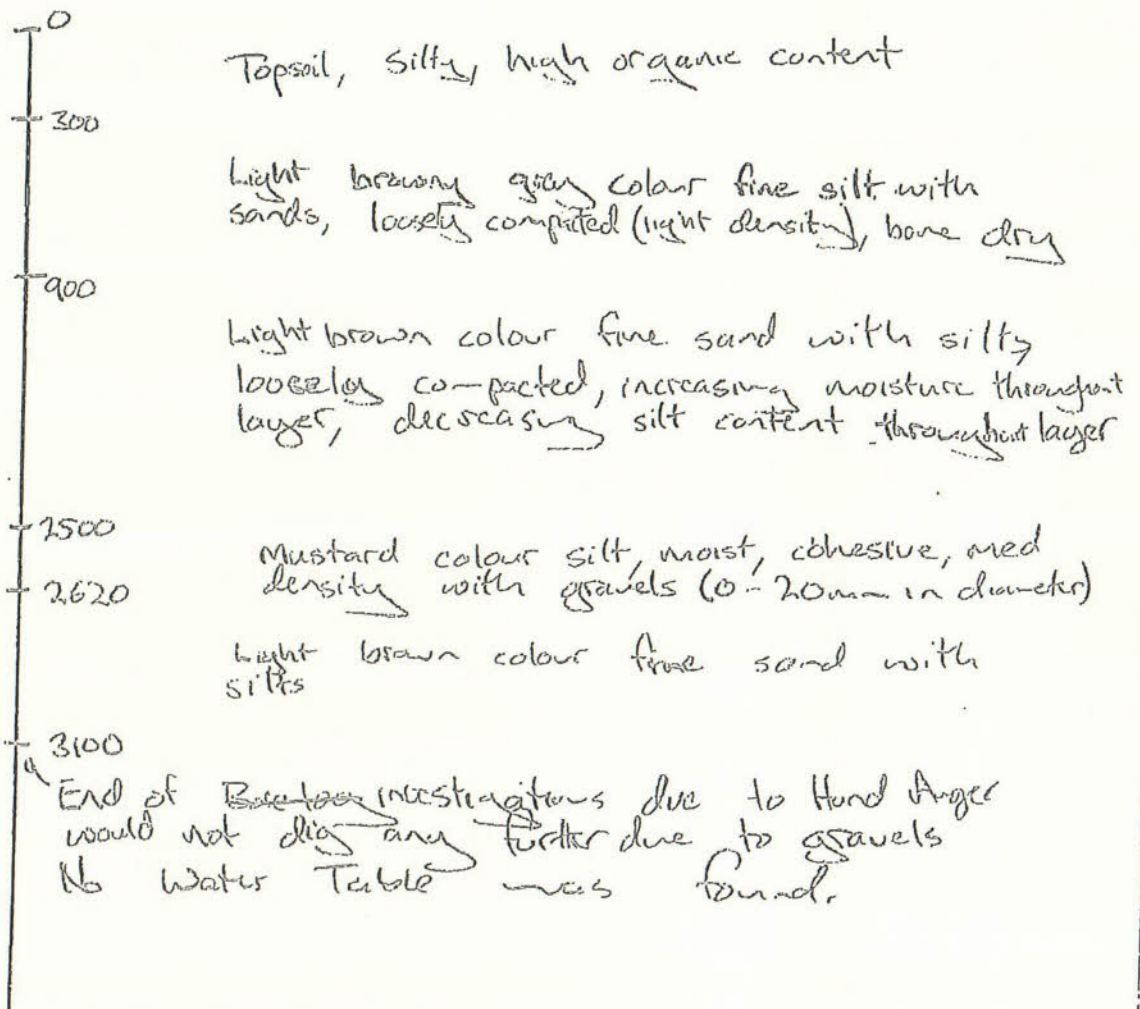
Davie Lovell-Smith Ltd
79 Cambridge Terrace,
PO Box 679, Christchurch 1,
New Zealand
Telephone (03) 379-0793,
Facsimile (03) 379-5664,
E-mail: office@davies.co.nz

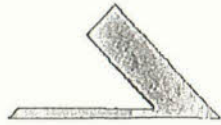
To: Loa 1
Attention: _____
Fax No./ Address: _____
Copies to: _____
From: A. Carter
Date: 29/01/09
Subject: Dreston Downs

Doc. Transmittal Facsimile
Phone Record Mail
Meeting Record Courier
Memorandum Hand Deliver
Site Inspection Hand Collect

No. Pages: _____ Job Ref: _____

WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.





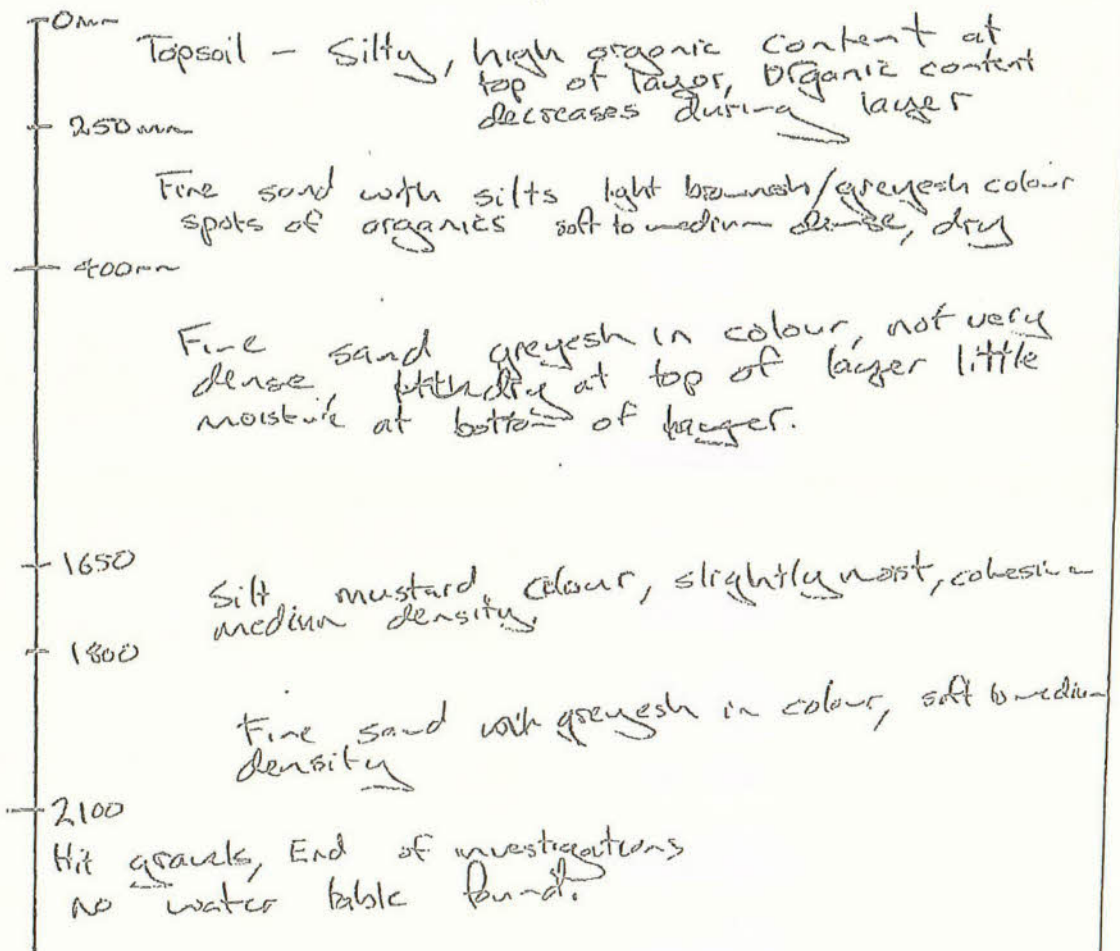
DAVIE LOVELL SMITH

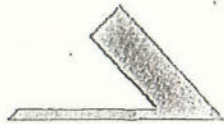
PLANNING SURVEYING ENGINEERING

Davie, Lovell-Smith Ltd
79 Cambridge Tee,
PO Box 679, Christchurch 1,
New Zealand
Telephone (03) 379-0793,
Facsimile (03) 379-5604,
E-mail: office@davies.co.nz

To: <u>Hole 2</u>	Doc. Transmittal <input type="checkbox"/>	<input type="checkbox"/>	Facsimile
Attention: _____	Phone Record <input type="checkbox"/>	<input type="checkbox"/>	Mail
Fax No./Address: _____	Meeting Record <input type="checkbox"/>	<input type="checkbox"/>	Courier
Copies to: _____	Memorandum <input type="checkbox"/>	<input type="checkbox"/>	Hand Deliver
From: <u>A. Carter</u>	Site Inspection <input checked="" type="checkbox"/>	<input type="checkbox"/>	Hand Collect
Date: <u>24/02/09</u>	No. Pages: _____	Job Ref: _____	
Subject: <u>Preston Downs</u>			

WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.





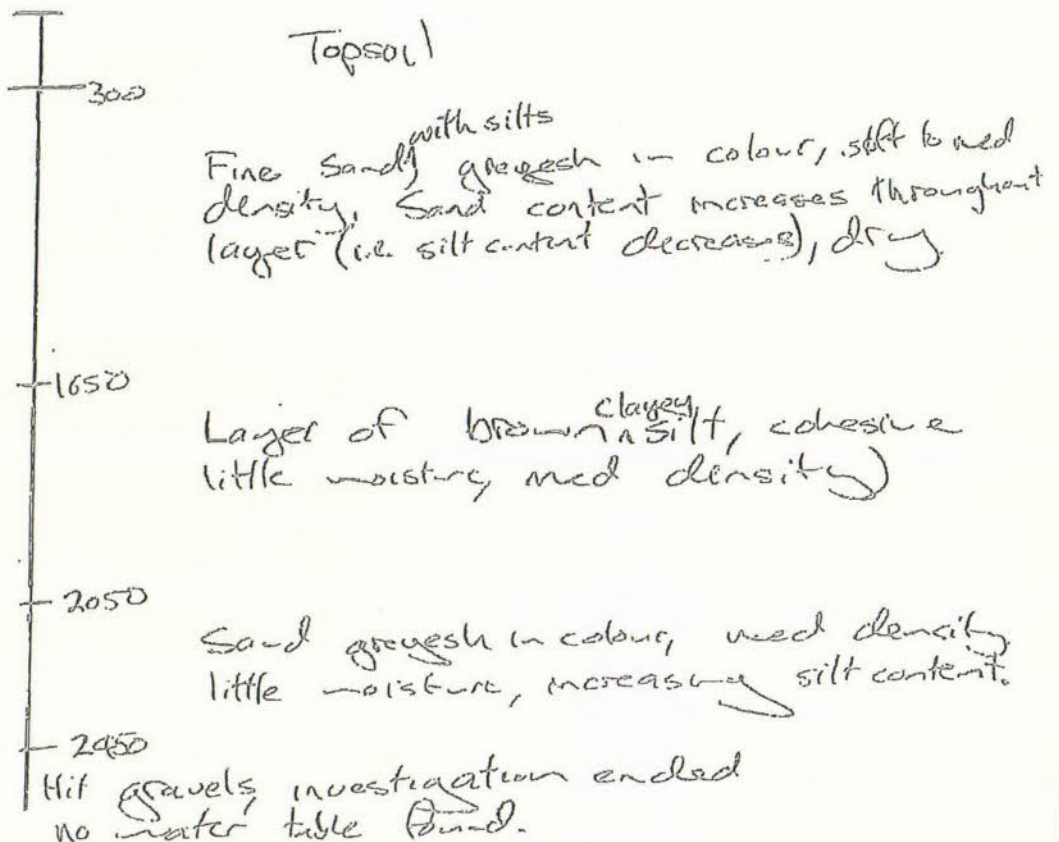
DAVIE LOVELL SMITH

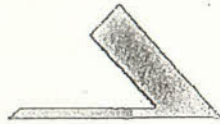
PLANNING SURVEYING ENGINEERING

Davie, Lovell-Smith Ltd
79 Cambridge Tce,
PO Box 670, Christchurch 1,
New Zealand
Telephone (03) 379-0793,
Facsimile (03) 379-5604,
E-mail: office@daviels.co.nz

To: <u>Hole 3</u>	Doc. Transmittal <input type="checkbox"/>	<input type="checkbox"/>	Facsimile
Attention: _____	Phone Record <input type="checkbox"/>	<input type="checkbox"/>	Mail
Fax No./Address: _____	Meeting Record <input type="checkbox"/>	<input type="checkbox"/>	Courier
Copies to: _____	Memorandum <input type="checkbox"/>	<input type="checkbox"/>	Hand Deliver
From: <u>A. Carter</u>	Site Inspection <input checked="" type="checkbox"/>	<input type="checkbox"/>	Hand Collect
Date: <u>24/02/09</u>	No. Pages: _____	Job Ref: _____	
Subject: <u>Preston Down</u>			

WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.





DAVIE LOVELL SMITH
PLANNING SURVEYING ENGINEERING

Davie, Lovell-Smith Ltd
79 Cambridge Tce,
PO Box 679, Christchurch 1,
New Zealand
Telephone (03) 379-0799,
Facsimile (03) 379-5604,
E-mail: office@davies.co.nz

To: Hole 4

Attention: _____

Fax No./Address: _____

Copies to: _____

From: A. Carter

Date: 24/02/09

Subject: Preston Downs

Doc. Transmittal Facsimile

Phone Record Mail

Meeting Record Courier

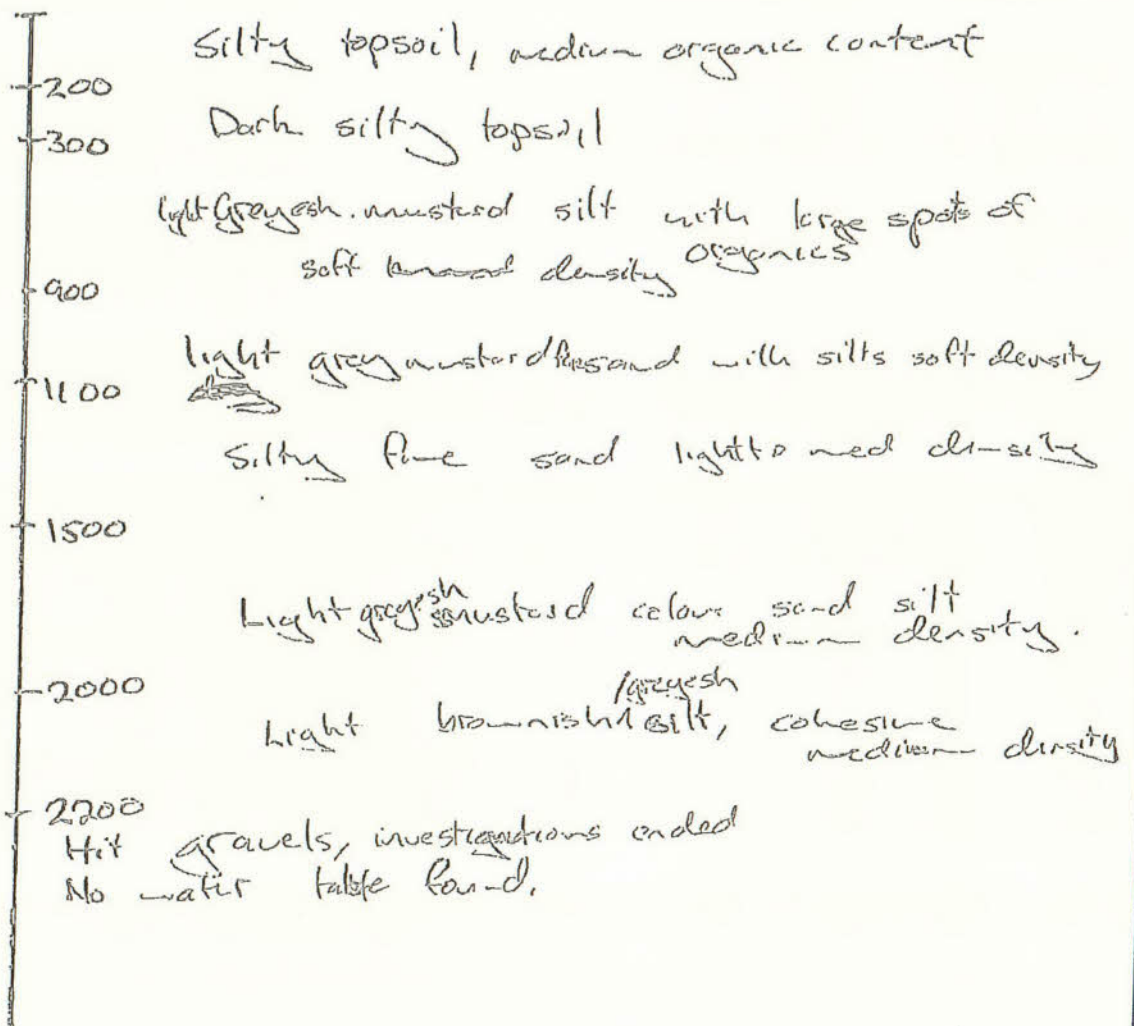
Memorandum Hand Deliver

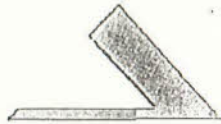
Site Inspection Hand Collect

No. Pages: _____ Job Ref: _____

WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.

Little moisture throughout all layers





DAVIE LOVELL SMITH

PLANNING SURVEYING ENGINEERING

Davie Lovell-Smith Ltd
79 Cambridge Terrace,
PO Box 679, Christchurch 1,
New Zealand
Telephone (03) 379-0793,
Facsimile (03) 379-6604,
E-mail: office@daviels.co.nz

To: Hxc 5 Doc. Transmittal Facsimile

Attention: _____ Phone Record Mail

Fax No./Address: _____ Meeting Record Courier

Copies to: _____ Memorandum Hand Deliver

From: A. Carter Site Inspection Hand Collect

Date: 29/02/09 No. Pages: _____ Job Ref: _____

Subject: Reston Downs

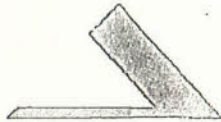
WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.

0
-120 Topsoil silt, high organic content

light greenish brown sand fine
silt, sat to medium - density
little moisture

-1700 light mustard silt with sands
little moisture light to medium
density

-2000 Hitting gravel, investigation ended
no water table



DAVIE LOVELL SMITH

PLANNING SURVEYING ENGINEERING

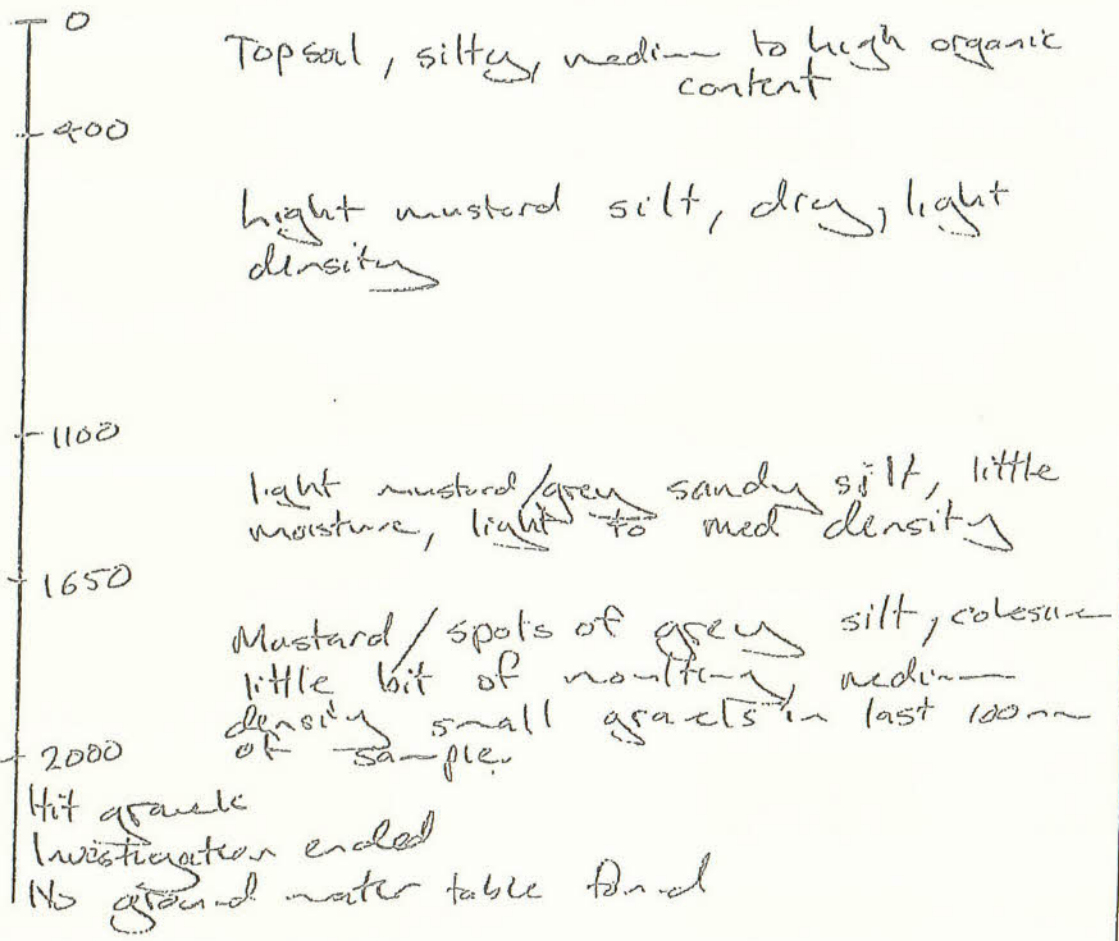
Davie, Lovell-Smith Ltd
79 Cambridge Terrace,
PO Box 679, Christchurch 1,
New Zealand
Telephone (03) 379-0793,
Facsimile (03) 379-5664,
E-mail: office@davies.co.nz

To: Hole 6
Attention: _____
Fax No./Address: _____
Copies to: _____
From: A. Carter
Date: 24/02/09
Subject: Preston Downs

Doc. Transmittal Facsimile
Phone Record Mail
Meeting Record Courier
Memorandum Hand Deliver
Site Inspection Hand Collect

No. Pages: _____ Job Ref: _____

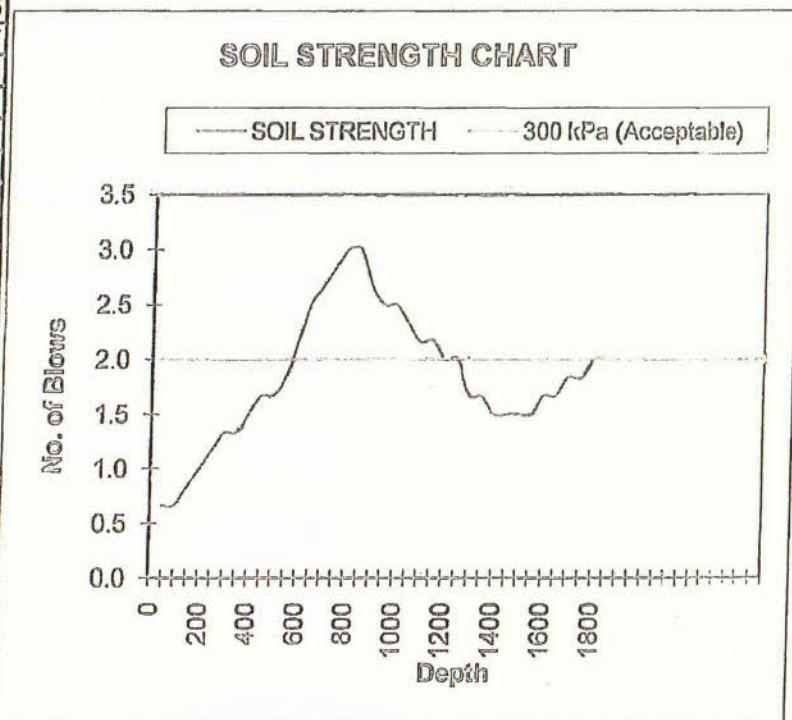
WARNING: The information contained in this message is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or reproduction of this message is strictly prohibited. If you have received this document in error, please notify us immediately by telephone and destroy the original message. Thank you.



Depth (mm)	Blows	Mean per 300mm
0	0	
50	1	0.7
100	0	0.7
150	1	0.8
200	1	1.0
250	1	1.2
300	1	1.3
350	2	1.3
400	1	1.5
450	2	1.7
500	1	1.7
550	2	1.8
600	2	2.2
650	2	2.5
700	2	2.7
750	4	2.8
800	3	3.0
850	3	3.0
900	3	2.7
950	3	2.5
1000	2	2.5
1050	2	2.3
1100	2	2.2
1150	3	2.2
1200	2	2.0
1250	2	2.0
1300	2	1.7
1350	1	1.7
1400	2	1.5
1450	1	1.5
1500	2	1.5
1550	1	1.5
1600	2	1.7
1650	1	1.7
1700	2	1.8
1750	2	1.8
1800	2	2.0
1850	2	2.0
1900	2	2.0

Scala Penetrometer Test

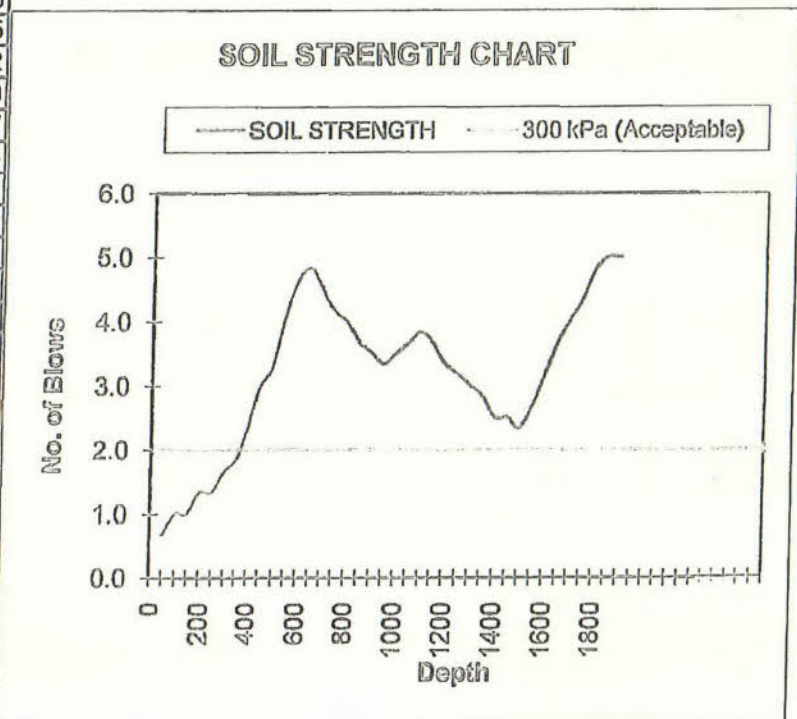
File No.	C16714
Date	24/02/2009
Test No.	1



Depth (mm)	Blows	Mean per 300mm
0		
50	0	0.7
100	1	1.0
150	1	1.0
200	2	1.3
250	1	1.3
300	1	1.7
350	2	1.8
400	1	2.3
450	3	3.0
500	3	3.3
550	4	4.2
600	5	4.7
650	4	4.8
700	6	4.5
750	6	4.2
800	4	4.0
850	2	3.7
900	3	3.5
950	3	3.3
1000	4	3.5
1050	5	3.7
1100	3	3.8
1150	3	3.7
1200	4	3.3
1250	4	3.2
1300	3	3.0
1350	3	2.8
1400	2	2.5
1450	2	2.5
1500	3	2.3
1550	2	2.7
1600	3	3.2
1650	2	3.7
1700	4	4.0
1750	5	4.3
1800	6	4.8
1850	4	5.0
1900	5	5.0

Scala Penetrometer Test

File No.	C16714
Date	24/02/2009
Test No.	2



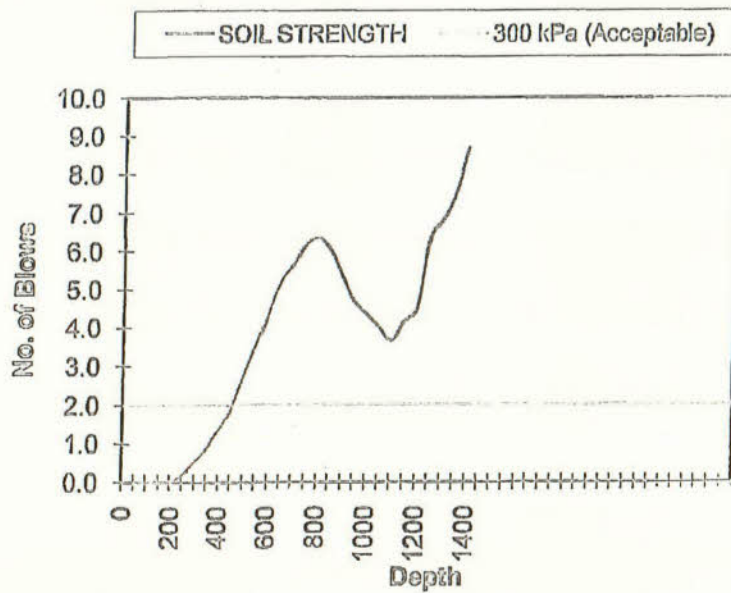
Depth (mm)	Blows	Mean per 300mm
0		
50	0	0.0
100	0	0.0
150	0	0.0
200	0	0.0
250	0	0.2
300	0	0.5
350	0	0.8
400	1	1.3
450	2	1.8
500	2	2.7
550	3	3.5
600	3	4.3
650	5	5.2
700	6	5.7
750	7	6.2
800	7	6.3
850	6	6.0
900	8	5.3
950	6	4.7
1000	4	4.3
1050	3	4.0
1100	3	3.7
1150	4	4.2
1200	4	4.5
1250	4	6.3
1300	7	6.8
1350	5	7.5
1400	14	8.7

III Gravels

Scala Penetrometer Test

File No.	C16714
Date	24/02/2009
Test No.	3

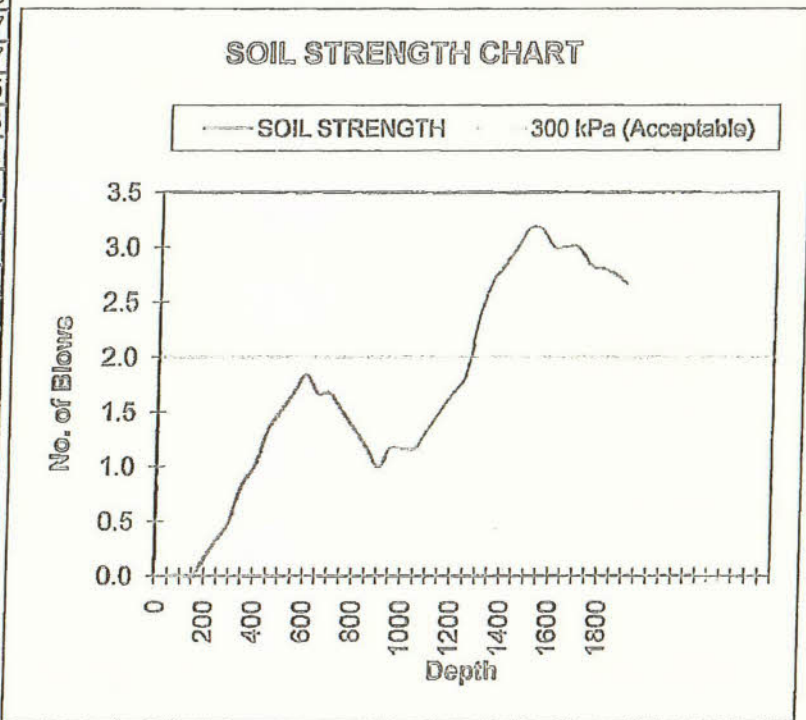
SOIL STRENGTH CHART



Depth (mm)	Blows	Mean per 300mm
0		
50	0	0.0
100	0	0.0
150	0	0.0
200	0	0.2
250	0	0.3
300	0	0.5
350	1	0.8
400	1	1.0
450	1	1.3
500	2	1.5
550	1	1.7
600	2	1.8
650	2	1.7
700	2	1.7
750	2	1.5
800	1	1.3
850	1	1.2
900	1	1.0
950	1	1.2
1000	1	1.2
1050	1	1.2
1100	2	1.3
1150	1	1.5
1200	1	1.7
1250	2	1.8
1300	2	2.3
1350	2	2.7
1400	3	2.8
1450	4	3.0
1500	3	3.2
1550	3	3.2
1600	3	3.0
1650	3	3.0
1700	3	3.0
1750	3	2.8
1800	3	2.8
1850	3	2.8
1900	2	2.7

Scala Penetrometer Test

File No.	C16714
Date	24/02/2009
Test No.	4

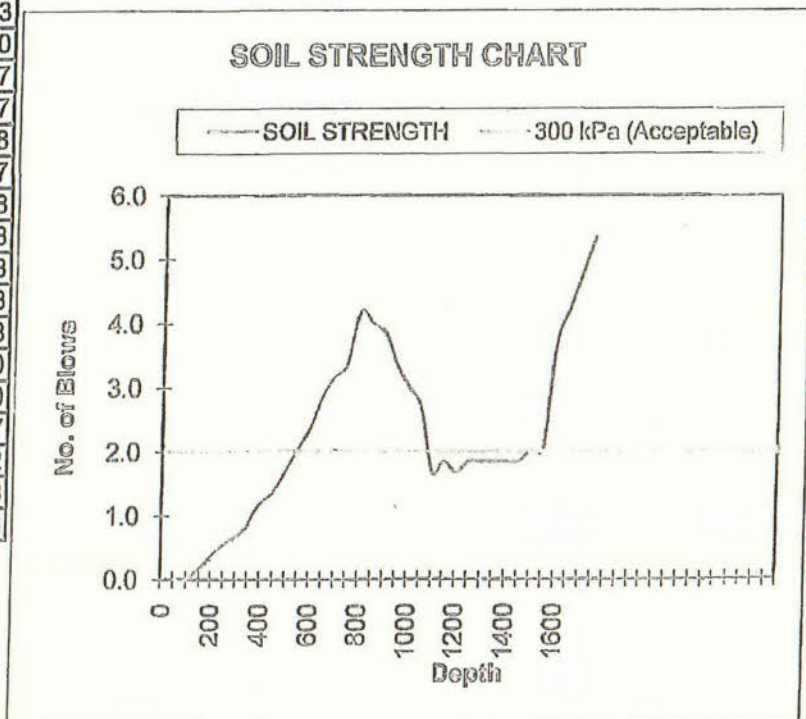


Depth (mm)	Blows	Mean per 300mm
0		
50	0	0.0
100	0	0.0
150	0	0.2
200	0	0.3
250	0	0.5
300	1	0.7
350	1	0.8
400	1	1.2
450	1	1.3
500	1	1.7
550	2	2.0
600	2	2.3
650	3	2.8
700	3	3.2
750	3	3.3
800	4	4.2
850	4	4.0
900	3	3.8
950	8	3.3
1000	2	3.0
1050	2	2.7
1100	1	1.7
1150	2	1.8
1200	1	1.7
1250	2	1.8
1300	3	1.8
1350	1	1.8
1400	2	1.8
1450	2	1.8
1500	1	2.0
1550	2	2.0
1600	3	3.7
1650	2	4.2
1700	2	4.8
1750	12	5.3

Hit Gravels

Scala Penetrometer Test

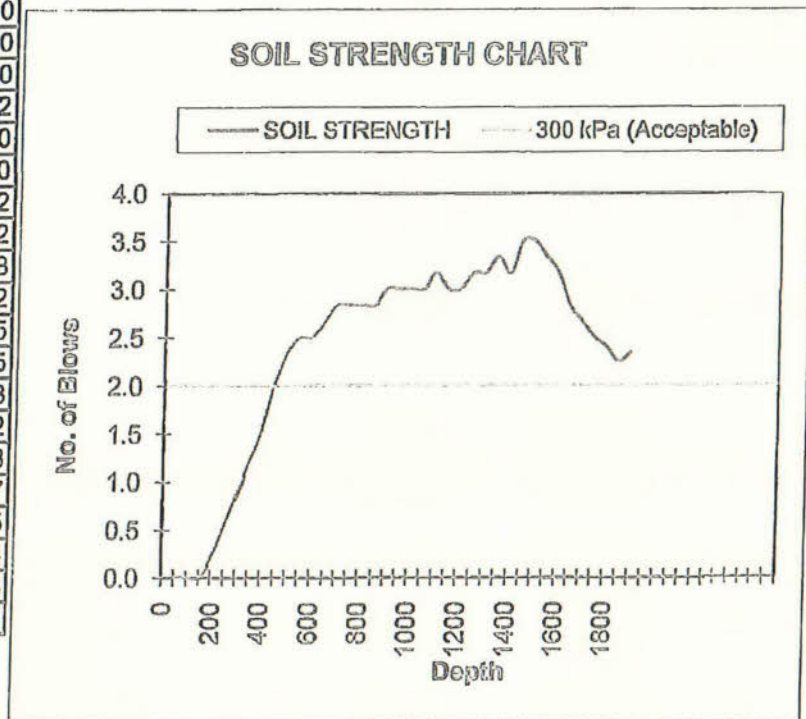
File No.	c16714
Date	24/02/2009
Test No.	5

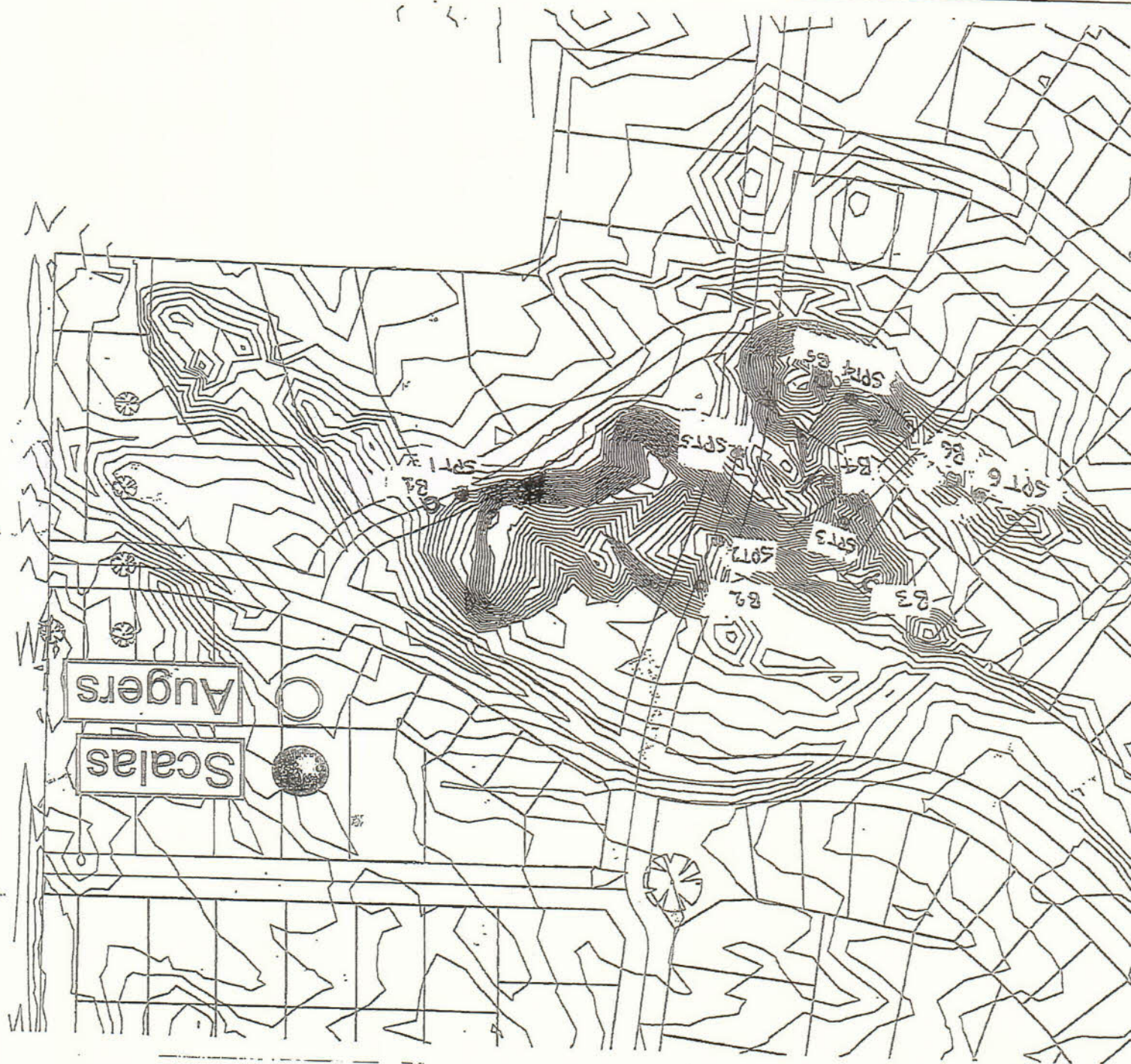


Depth (mm)	Blows	Mean per 300mm
0		
50	0	0.0
100	0	0.0
150	0	0.0
200	0	0.2
250	0	0.5
300	0	0.8
350	1	1.2
400	2	1.5
450	2	2.0
500	2	2.3
550	2	2.5
600	3	2.5
650	3	2.7
700	3	2.8
750	2	2.8
800	3	2.8
850	3	2.8
900	3	3.0
950	3	3.0
1000	3	3.0
1050	3	3.0
1100	3	3.2
1150	3	3.0
1200	3	3.0
1250	4	3.2
1300	2	3.2
1350	3	3.3
1400	4	3.2
1450	3	3.5
1500	4	3.5
1550	3	3.3
1600	4	3.2
1650	3	2.8
1700	3	2.7
1750	2	2.5
1800	2	2.4
1850	2	2.3
1900	3	2.3

Scala Penetrometer Test

File No.	C16714
Date	24/02/2009
Test No.	6





APPENDIX C – Thirteen Augers across the Site

Report number: 101

Date: 18/8/2007

BY: DMG

REPORT ON SHALLOW SUBSURFACE SOIL INVESTIGATION

Location: Preston Downs - West Melton

Site: 1

Site: 2

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
silty GRAVEL 20-70mm rounds moist	0.30	
sandy GRAVEL moist	0.80	
	1.00	
	1.50	
GRAVEL Rounds increase in size 20-100mm rounds moist	2.00	
	2.50	
	3.00	

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
gravely SILT moist sandy content	0.30	
sandy GRAVEL 20-70mm rounds	0.80	
	1.00	
	1.50	
unable to go deeper	2.00	
	2.50	
	3.00	

Site:3

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SAND moist fine, brown	0.20	
	1.00	
	1.50	
	2.00	
	2.50	
	3.00	
sandy GRAVEL 50mm rounds Auger stopped	3.00	
	3.20	

Site: 4

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT	0.30	
silty GRAVEL 20-50mm rounds	0.50	
sandy GRAVEL 20-70mm rounds moist	0.80	
	1.00	
larger rounds.	1.50	
	2.00	
unable to go deeper	2.50	
	3.00	

Site:5- In invert of existing valley

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT, slightly mottled	0.50	
silty GRAVEL 20-50mm rounds	0.70	
sandy GRAVEL	1.00	
	1.50	
Unable to auger further	2.00	
	2.50	
	3.00	

Site: 6

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SAND, Moist	0.20	
	0.50	
silty SAND	0.80	
sandy GRAVEL 20-70mm rounds moist	1.00	
	1.50	
larger rounds.		
Unable to auger further	2.00	
	2.50	
unable to go deeper	3.00	

Site:7

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT, slightly mottled	0.30	
silty GRAVEL	0.50	
sandy GRAVEL 20-100mm rounds	0.80	
	1.00	
Unable to auger further	1.50	
	2.00	
	2.50	
	3.00	

Site: 8

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT	0.20	
silty GRAVEL	0.50	
sandy GRAVEL	0.70	
sandy GRAVEL 20-70mm rounds moist	1.00	
	1.50	
Unable to auger further	2.00	
	2.50	
	3.00	

Site: 9- on mound

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SAND	0.20	
	0.50	
	1.00	
	1.60	
	2.00	
sandy GRAVEL 20-50mm rounds	2.30	
	2.50	
	3.00	

Site: 10

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT, some gravel content, 20mm silty GRAVEL	0.20	
	0.40	
sandy GRAVEL 20-50mm rounds	0.50	
	0.60	
some larger 100mm	1.00	
	1.60	
Unable to auger further	1.60	
	2.00	
	2.50	
	3.00	

Site: 11

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
SILT	0.30	
SAND	0.50	
sandy GRAVEL 20-50mm	1.00	
20-100mm rounds	1.50	
Unable to auger further	2.00	
	2.50	
	3.00	

Site: 12

Description of material	Depth (m)	Graphic log of material
Top Soil	0.00	
silty GRAVEL	0.30	
sandy GRAVEL	0.60	
some larger 100mm	1.00	
Unable to auger further	1.50	
	2.00	
	2.50	
	3.00	



Origin of Levels:
 Bench Mark CC-157 RL.101.510 located corner of West Coast Road
 and Weedons Ross Road.
 Levels in terms of Assumed Datum supplied by Glenn Patk Fowler.

DAVIE LOVELL SMITH
 PLANNING SURVEYING ENGINEERING

73 Conventry Street, Suite 100, Christchurch, New Zealand
 Telephone: 03-379-0000 Fax: 03-379-0001
 www.dls.co.nz

Client Name: _____
 Project Name: _____
 Contract Reference: _____

SCALE: 1:1000 DATE: July 2007
 DLS FILE: J:\2007\1007\1007_01.dwg
 DRAWING NO: _____ SHEET NO: 2 of 2

APPENDIX D – Deep water bores

APPENDIX E – Environment Canterbury Well data

Bore or Well No: M35/3174
Well Name: West Melton Bore
Owner: Selwyn District Council



Street of Well: WEEDONS ROSS RD
Locality: WEST MELTON
NZGM Grid Reference: M35:58857-42920 QAR 1
NZGM X-Y: 2458857 - 5742920
Location Description: IN CONCRETE TANK WITH STEEL COVER
ECan Monitoring:
Well Status: Active (exist, present)

File No: CO6C/03586
Allocation Zone: Selwyn-Waimakariri
Uses: Public Water Supply

Drill Date: 20 Jan 1984
Well Depth: 65.60m -GL
Initial Water Depth: -24.70m -MP
Diameter: 200mm
Measuring Point Ait: 92.53m MSD QAR 4
GL Around Well: 0.00m -MP
MP Description:

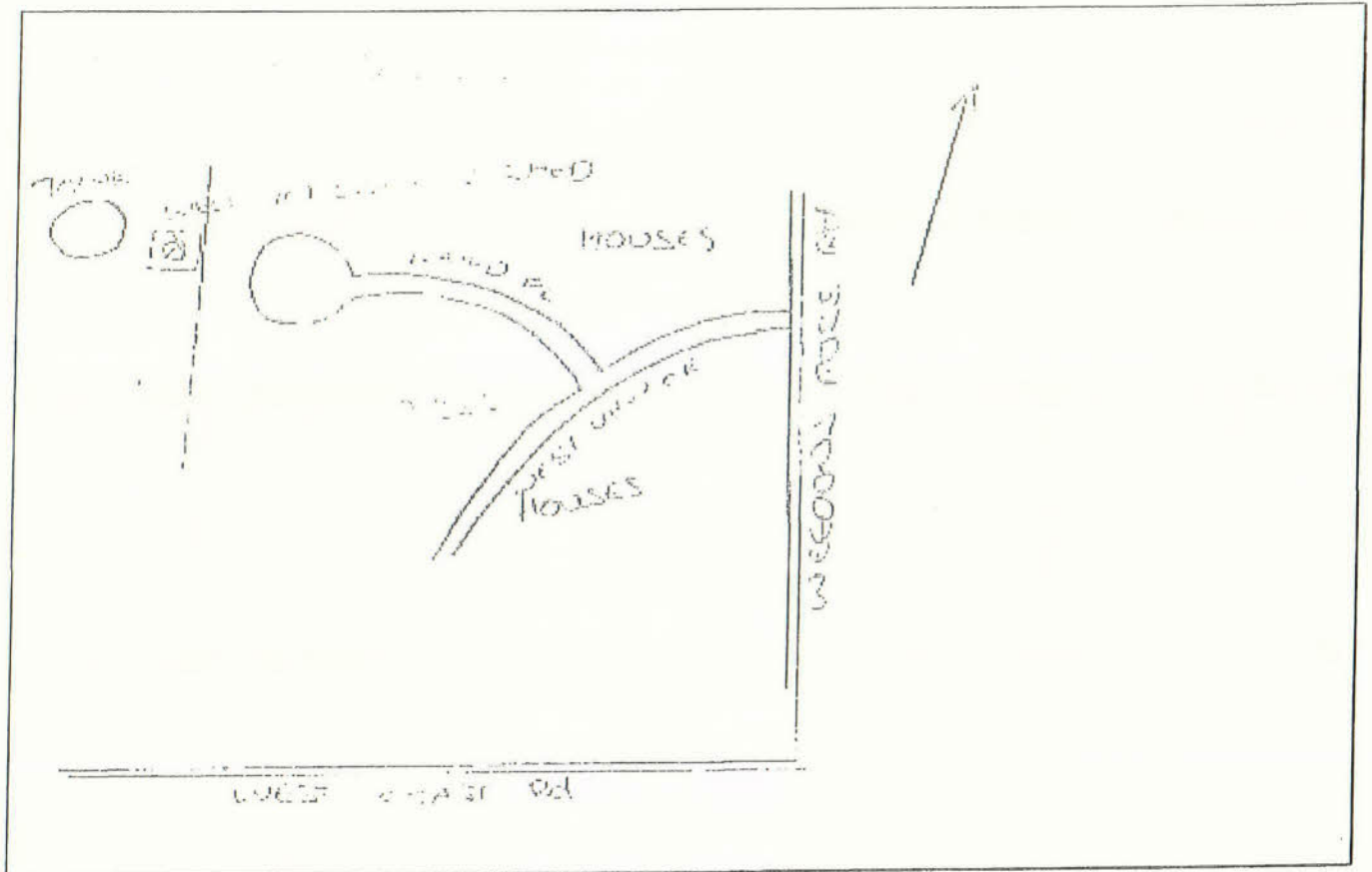
Water Level Count: 0
Strata Layers: 8
Aquifer Tests: 0
Isotope Data: 10
Yield/Drawdown Tests: 1
Highest GW Level:
Lowest GW Level:
First Reading:
Last Reading:
Calc. Min. GWL: -26.60m -MP
Last Updated: 02 Feb 2011
Last Field Check: 26 Jan 2011

Driller: A M Bisley & Co
Drilling Method: Cable Tool
Casing Material:
Pump Type: Submersible
Yield: 15 l/s
Drawdown: 19 m
Specific Capacity:

Screens:
Screen Type: Stainless steel
Top GL: 62.60m
Bottom GL: 65.60m

Aquifer Type: Semi-Confined
Aquifer Name: Linwood Gravel

Date	Comments
15 Jan 2002	Gridref changed from: M35:5884-4291
15 Jan 2002	css 180
17 Jul 2006	Visited and sampled during GW age investigation. Contact SDC to sample. Need key to access well.
26 Apr 2010	Added well name
02 Feb 2011	water monitoring site visit by Riccardo 26/01/2011

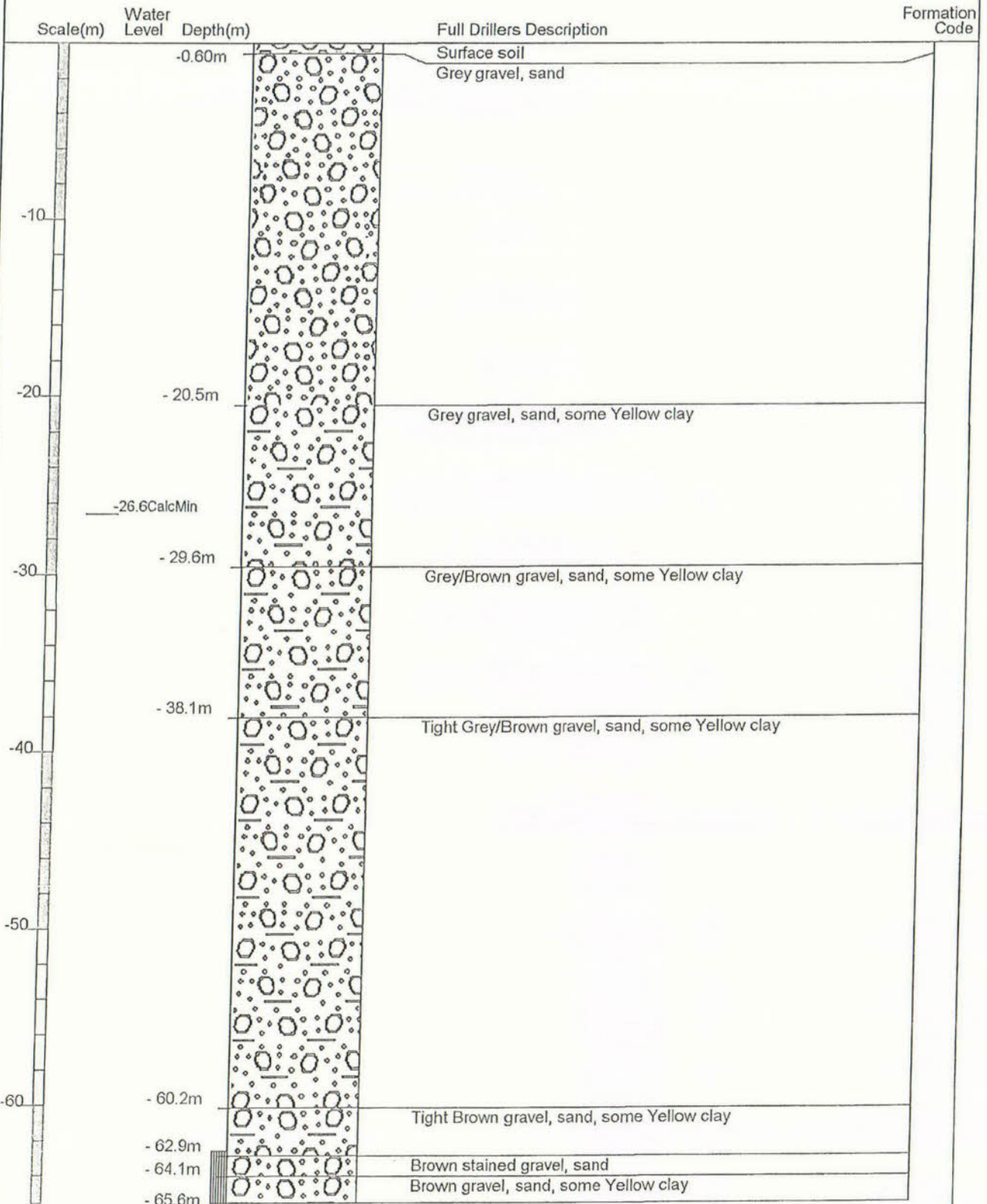


Borelog for well M35/3174

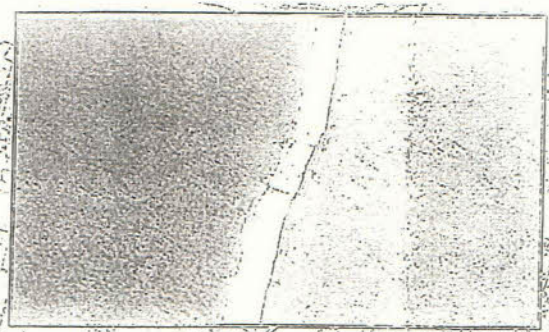
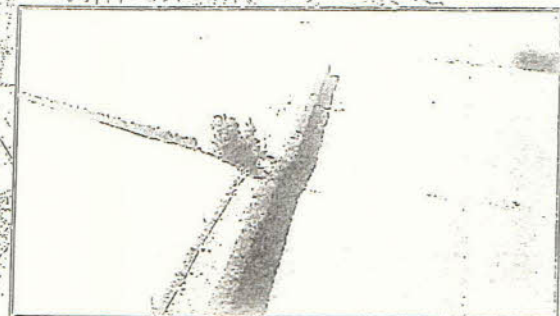
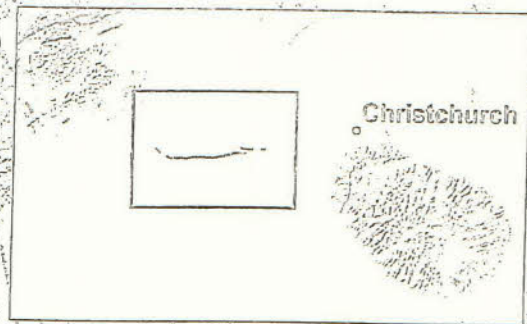
Gridref: M35:58857-42920 Accuracy : 1 (1=best, 4=worst)
 Ground Level Altitude : 92 +MSD
 Driller : A M Bisley & Co
 Drill Method : Cable Tool
 Drill Depth : -65.59m Drill Date : 20/01/1984



**Environment
 Canterbury**
 Your regional council

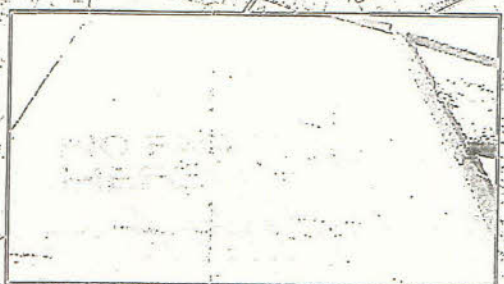
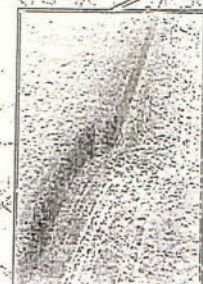
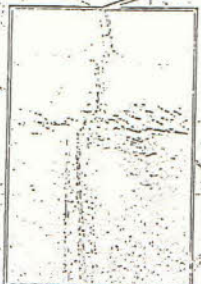
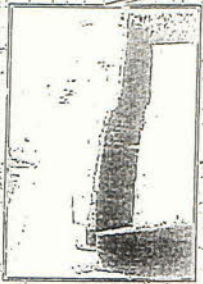


APPENDIX F – University of Canterbury Trace of the Greendale Fault



Site

Rollleston



0 5 km

APPENDIX A
STATEMENT OF SUITABILITY OF EARTHFILL

To Selwyn District Council
P O Box 90
ROLLESTON

Attention: G Birss

STATEMENT OF SUITABILITY OF EARTH FILL

Project: Preston Downs Subdivision - Stage I
Owner/Developer Gillman Wheelans Ltd
Location Weedons Ross Road, West Melton

The earth fill shown on the attached plan titled Gillman Wheelans Limited; Preston Downs - West Melton; Earthworks (plan by Davie Lovell Smith Ltd) has been placed in compliance with NZS4431:1989.

While work was in progress I retained as my inspecting engineer (or staff under his control) the engineer named below who is experienced in earthwork construction.

John Bannock, MIPENZ
Address C/- Site Solutions Limited, PO Box 36-420, Merivale, Christchurch

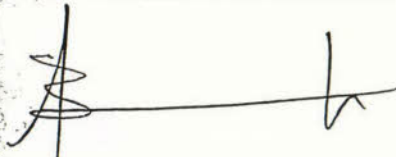
During the work, the inspecting engineer or staff under his control made periodic visits of inspection to the site as detailed in his report No 2118 which is attached. Details of the soil testing carried out to check the quality of the fill by the inspecting engineer and his testing agency are also included in this report.

The attached plan titled Gillman Wheelans Limited; Preston Downs - West Melton; Earthworks (plan by Davie Lovell Smith Ltd) dated October 2010 has been placed in compliance with the terms of NZS 4431 shows Lot Nos. 1 - 44 to be affected by filling and the extent of the fill (both engineered and non-engineered).

In the opinion of the inspecting engineer the following special limitations should be observed:

- Foundation design in all filled lots to take into account the location of the cut/fill interface (to be confirmed on site) and design appropriately.
- Lots 18, 19, 29 & 30 have been affected by filling in excess of 300mm in the locations indicated and engineering investigation for foundations is to be carried out in direct relation to the development proposal
- Other considerations and recommendations as stated in earthwork report are followed

This certification, that the earth fills have been placed in compliance with the terms of NZS 4431, does not remove the necessity for the normal inspection and design of foundations as would be made in natural ground.



Professional Engineer
13 July 2011

on behalf of:

Gillman Wheelans Ltd
(Owner/ Developer)



REVISION NO.	DATE	DESCRIPTION
01	AUG 2010	FOR TENDER
02	OCT 2010	FOLLOWING SDC COMMENT, FOR APPROVAL

NOTES:

CONTOURS SHOWN ARE APPROXIMATELY CUT (-ve) AND FILL (+ve) AT 0.2m INTERVALS.

LEGEND:

	CUT
	ENGINEERED FILL
	NON ENGINEERED FILL

LEGEND:

	PROPOSED LOT LEVELS
	PROPOSED KERR LEVEL
	PROPOSED ROAD & BATHING LEVEL
	PROPOSED HB KERR LEVEL
	EXISTING LOT LEVELS
	EXISTING LOT LEVELS

EXISTING SERVICES	PROPOSED SERVICES
SEWER -	SEWER -
WATER -	WATER -
STORMWATER -	STORMWATER -
VALVE -	VALVE -
SPURTER -	SPURTER -
SOAKAGE -	SOAKAGE -

GILLMAN WHEELANS LTD
Residential Subdivisions
P.O. Box 521, Christchurch

DAVE LOVELL-SMITH
PLANNING ENGINEER

79 Cambridge Terrace P O Box 879 Christchurch 1, New Zealand
Telephone: 03 378-0783 Fax: 03 378-0864 E-mail: info@gillman.co.nz

JOB TITLE:
**Gillman Wheelans Limited
Preston Downs - West Melton**

SHEET TITLE:
Earthworks

DRAWING STATUS:
For Engineering Approval

SCALE: 1:2000@A1 DATE: October 2010
1:4000@A3

DWG FILE: J:\16714\DWG\C16714_E02_R1.dwg
DRAWING NO: SHEET NO:
C.16714.E02 **R1**



IMPORTANT INFORMATION TO ALL NEW HOME/LAND OWNERS

STREET TREES AND IRRIGATION

The Selwyn District Council would like to make all new home/land owners and their contractors aware of the process of gaining approval to relocate/remove street trees, or alter Council irrigations systems.

In some areas of the Selwyn District, various types of linked dripper irrigation systems are installed to water establishing street trees. In some cases, the system has not been installed very deep in the ground. It is particularly important that any contractors who are going to be excavating within road berms are aware of this and excavate carefully to locate irrigation lines or drippers, or seek assistance from Council as to their presence/location before excavating. Similarly, care should be taken when excavating near street trees to avoid damage to tree roots.

The developer has put a lot of effort into enhancing the streetscape and providing an attractive environment within your subdivision. It is accepted that in some cases when a new home is built, a planted street tree and associated irrigation system may need to be shifted or removed to facilitate vehicle access to the site. Upon formal request, Council will consider giving approval for such changes to the initial planting plan or irrigation system on a case by case basis, after exploring all alternative options available.

Where it has been qualified that trees can be removed or relocated and/or an irrigation system needs to be shifted, then these works are to be organised by Council and/or the Developer and carried out by one of their approved contractors. All costs associated with these works are to be borne by the requesting land owner.

Please be aware, that in some situations, street trees can be removed and landscaping in a subdivision might still be under the management of the developer. In such cases, Council should still be contacted in the first instance, who will forward the request onto the developer for a response.

The following procedure is to be followed by a land owner who is wanting to request removal or relocation of a street tree and/or associated irrigation systems, in order to facilitate vehicle access to their property.

Requests for the removal or shifting of a tree must be made in writing to the Council Reserves Department stating:

- Street address of the property and the lot number;
- Name of the contact person;
- Contact details;
- Reason for the tree to be removed

On receipt of this formal request, Council staff will assess the following:

- Quality of the tree and whether or not the tree can successfully be moved;
- Whether an irrigation system is present and also needs shifting or decommissioning;
- Any conditions of sale by the developer;
- Any Resource Consent conditions;
- Streetscape theme and amenity value contribution of the tree.

If a tree is not able to be shifted and has to be removed, the landowner may also be required to pay for the cost to plant another tree of the same species and of similar size within the road berm as a replacement.

If an agent of the land owner makes the request to Council, then the agent is deemed to be the person responsible for the payment of all expenses relating to this procedure.

CARE FOR ESTABLISHING STREET TREES

Although the Developer and/or Council endeavours to water in newly planted street trees during their initial establishment years, the public is encouraged to assist with watering trees on your road berm. Establishing a tree in an urban environment faces many challenges so give your tree the best chance of reaching its full potential and value.

Council implements an annual programme of street tree inspections and maintenance throughout the district. Street tree maintenance is the responsibility of the Council, who employs a contractor to provide arboricultural services. It is critical that any other tree maintenance required is undertaken by our appointed contractor to ensure consistency in both quality and tree form.

Please contact us by lodging a Service request if your tree requires any tree maintenance.

Thank you for your assistance and co-operation

Reserves Maintenance Staff
Selwyn District Council

Be water wise



Reducing water use is important as Selwyn households tend to be high users of water. Residential properties connected to a Council supply used an average of 1,470 litres of water per day in 2012/13 and 1,386 litres per day in 2011/12. As a comparison, typical household use in New Zealand is around 675 litres per day.

Part of the reason why Selwyn households have higher water consumption is because properties tend to have large sections and over dry summers water use can increase

significantly. Additional bores can be added to increase the capacity of Council water supplies, but this is costly and unsustainable.

Over summer, demand for water is much higher than in winter, as people use more water to maintain their lawns. When demand for water is very high during dry summers, water restrictions can be introduced if necessary.

Demand is especially high at the peak times of 6–9am in the morning and 4–9pm in the evening, when people

use water for cooking, washing and dishwashers, and often water their lawns at the same time.

We are asking everyone to be careful about how they use water, especially in summer when there is more demand for water. Some areas like Rolleston and Darfield also pay for their water based on metered use so reducing your water consumption will mean you spend less on water bills.

How much water do you use?

This chart shows the amount of water typically used for different household activities. Once you know where your water is going, you can think about how you could reduce your water use. If your water is metered and billed this will help reduce how much you spend on water.

Kitchen—Activity	Water used	Buckets
Dishwashing by Hand	12 to 15 litres per wash	1–1½
Dishwasher	20 to 60 litres per wash	2–6
Drinking, Cooking, Cleaning	8 litres per person	¾–1
Bathroom—Activity	Water used	Buckets
Toilet	4.5 to 11 litres per flush	½–1
Bath	50 to 120 litres (half full)	5–12
Shower (8 minutes)	70 to 160 litres per 8 minutes	7–16
Handbasin	5 litres	½
Tap Running (Cleaning teeth, washing hands)	5 litres	½
Leaking Tap	200 litres	20
Laundry—Activity	Water used	Buckets
Washing Machine (Front loading)	23 litres per kg of dry clothing	4–5
Washing Machine (Top Loading)	31 litres per kg of dry clothing	5–6
Outside—Activity	Water used	Buckets
Hand Watering by Hose	600 to 900 litres per hour	60–90
Garden Sprinkler	Up to 1500 litres per hour	150
Car Wash with Hose	100 to 300 litres	10–30
Filling Swimming Pool	20,000 to 50,000 litres	2,000–5,000
Leaking Pipe (1.5mm hole)	300 litres per day	30



Tips for managing your water use

You can help manage your water consumption wisely by following these tips:

Your garden and lawn

- Water your garden and lawn every few days rather than every day. Wetting the soil surface every day encourages roots to develop at the surface, making them more vulnerable to hot dry spells.
- Water your garden and lawn outside of peak water usage hours (avoid 6am–9am, and 4pm–9pm). Watering in the early morning (before 6am) or late evening (after 9pm) will minimise evaporation loss. Also avoid watering in a Nor' West wind as the water will quickly evaporate.
- Using a watering can or hand watering plants by hose often uses far less water than a sprinkler.
- Use a timer to avoid overwatering as it makes plants more susceptible to fungus diseases and will leach out soil nutrients.
- Use mulch or cover the soil with a layer of organic matter to keep the soil moist. Mulches help protect plant roots from drying effects of sun and wind and also reduce weed growth.

- Check if the soil needs watering by digging down with a trowel and having a look. This is a more accurate way to see if watering is needed than looking at the surface.
- Check you have the right head for your sprinkler. Sprinklers should apply water gently so that it seeps into the soil. Some sprinklers apply water faster than the soil can absorb.
- When planting choose drought resistant plants that don't require a lot of water.



Outdoors

- Wash your car with a bucket of water rather than a hose.
- Use a broom rather than hosing down paths and driveways.
- Inspect hoses and taps both indoors and outdoors to check for leaks which waste water.
- Collect rainwater for use watering gardens and lawns.
- If you have a swimming pool, keep it covered to stop the water evaporating.

Indoors

- Reduce your water consumption at the peak times of 6-9am and 4-9pm. Easy ways to do this include using your washing machine after 9pm at night, and putting your dishwasher on just before you go to bed.
- Take a short shower instead of a bath.
- Don't switch on the dishwasher or washing machine until you have a full load.
- Use a half flush when using the toilet.



2 Norman Kirk Drive, Rolleston, New Zealand
 PO Box 90, Rolleston 7643
 Telephone (03) 347-2800
 Toll-free Darfield (03) 318-8338
 Enquiries: accounts.receivable@selwyn.govt.nz

Harcourts Gold Papanui
 PO Box 5400
 Papanui
 Christchurch 8542

GST Number: 53-113-451
Invoice Date: 18/06/2026
Account No: 805215
Order No.

Tax Invoice 259518

Qty	Description	Rate	GST	Amount
L261455	18/06/26 : Harrison Joseph : Harcourts Gold Papanui 2354200300 : 10 Preston Avenue, West Melton Residential - Land Information Memorandum		39.13	300.00

Subtotal 260.87
 GST 39.13
Total Amount \$300.00

(Please detach and return this portion with your payment)

REMITTANCE ADVICE

Harcourts Gold Papanui
 PO Box 5400
 Papanui
 Christchurch 8542

Account No.: 805215
Invoice No.: 259518
Total Due: **\$300.00**

Amount Enclosed:

Payment can be made by internet banking to the following account: 03 1587 0050000 00.

Please enter your account number in the particulars field, and your invoice number in the code field.

You are welcome to pay your invoice online by visiting our website <https://www.selwyn.govt.nz>

