

**STATEMENT OF PROFESSIONAL OPINION AS TO THE  
GEOTECHNICAL SUITABILITY OF LAND FOR BUILDING**

NAME OF SUBDIVISION	The Lakes Subdivision – Stages 3A & 3B
COUNCIL FILE NUMBER RC No:	RC21332
ENGINEER RESPONSIBLE FOR DEVELOPMENT	Kori A W Lentfer
QUALIFICATIONS:	MSc Hons, TCC Category 1 Engineering Geologist

I, Kori A W Lentfer of Coffey Geotechnics Ltd, 96 Cameron Road, Tauranga, hereby confirm that:

- 1) I am a professional person, appropriately qualified with experience in geomechanics to ascertain the suitability of the land for building development and was retained as the Soils Engineer to the above development.
- 2) An appropriate level of site investigation and construction supervision has been carried out under my direction and is described in my development evaluation report dated 29 April 2013.
- 3) In my professional opinion, not to be construed as a guarantee, I consider that,
  - a) The areas shown in my report dated 9 June 2014 of each new allotment are suitable for the erection thereon of the building types appropriate to the zoning of the land, provided that reference is made to my Geotechnical Completion Report Ref. GENZTAUC13086AP-AB, dated 24 April 2015.
  - b) The earth fills shown on the attached Plans ref Figure 02 & Figure 04 have been placed in accordance with the requirements of the Infrastructure Development Code.
  - c) The completed works give due regard to all land slope and foundation stability considerations.
  - d) The filled ground is suitable for the erection thereon of residential buildings requiring specific design subject to the recommendations presented in my Geotechnical Completion Report Ref. GENZTAUC13086AP-AB, dated 24 April 2015.
  - e) The original ground not affected by filling is suitable for the erection thereon of residential buildings requiring specific design subject to the recommendations presented in my Geotechnical Completion Report Ref. GENZTAUC13086AP-AB, dated 24 April 2015.
- 4) This professional opinion is furnished to the Council and the owner for their purposes alone, on the express condition that it will not be relied upon by any other person and does not remove the necessity for the normal inspection of foundation conditions at the time of erection for any dwelling.

Signed



Date: 1 May 2015



**PRODUCER STATEMENT  
SUITABILITY OF LAND FOR BUILDING DEVELOPMENT**

**G2**

**INFRASTRUCTURE DEVELOPMENT CODE**

VERSION 1  
July 2011

**1**

DP No:	Lot 2 DP474511 & Part Lot 11 DP 364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
Area (m <sup>2</sup> )					
Lot No:					
Subsurface Data		Foundations			Comments
Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	
	Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA
	Depth (m)	Depth (m)	Depth (m)		

1	600	-	Y	2	Y	5	N	Y	N	Y	N	N	N	N	N	N	N	Y	Settlement to be assessed and approved by Cat 1 geotechnical professional before construction begins. Once settlement approved, 'pod raft' foundations to be specifically designed to accommodate up to 100mm vertical and 500mm horizontal deformation in ULS earthquake (GCR Section 8.6.1).
2	600	-	Y	0.4	Y	3	N	Y	N	Y	N	N	N	N	N	N	N	Y	Excavations and/or retaining walls within 1.5m of rear boundary must be designed to account for nearby subsoil drain.
3	601	-	Y	0.4	Y	10	N	Y	N	Y	N	N	N	N	N	N	N	Y	'Pod raft' foundations specifically designed to accommodate 100mm vertical settlement and 500mm horizontal stretching during ULS earthquake (GCR Section 8.6.1).
4	600	-	Y	0.4	Y	13	N	Y	N	Y	N	N	N	N	N	N	N	Y	
5	601	-	Y	0.2	Y	13	N	Y	N	Y	N	N	N	N	N	N	N	Y	Excavations and/or retaining walls within 1.5m of rear boundary must be designed to account for nearby subsoil drain.
6	600	-	Y	0.2	Y	13	N	Y	N	Y	N	N	N	N	N	N	N	Y	
7	646	-	Y	0.2	Y	15	N	Y	N	Y	N	N	N	N	N	N	N	Y	
8	644	-	N	-	Y	17	N	Y	N	Y	N	N	N	N	N	N	N	Y	



SUMMARY OF GOTECHNICAL DATA FOR INDIVIDUAL LOTS		G3
INFRASTRUCTURE DEVELOPMENT CODE		VERSION 1
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		JULY 2011

DP No:	Lot 2 DP474511 & Part Lot 11 DP 364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
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Lot No;	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										
			Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA										

9	678	139	N	-		Y	17	Y	N	N	N	Y	N	N	N	Y	Suitable for standard foundations designed in accordance with NZS 3604. Development to allow for collection and disposal of stormwater from slope beyond rear boundary.
10	668	N/A	N	-		Y	17	Y	N	N	N	Y	N	N	N	Y	Foundations specifically designed for geotechnical ultimate bearing capacity of 180kPa at 300mm embedment depth.
11	653	N/A	N	-		Y	16	Y	N	N	N	Y	N	N	N	Y	Suitable for standard foundations designed in accordance with NZS 3604. Development to allow for collection and disposal of stormwater from slope beyond rear boundary.
12	654	N/A	N	-		Y	14	N	Y	N	N	Y	N	N	N	Y	Foundations specifically designed for geotechnical ultimate bearing capacity of 180kPa at 300mm embedment depth.
13	655	175	N	-		Y	12	Y	N	N	N	Y	N	N	N	Y	Suitable for standard foundations designed in accordance with NZS 3604. Development to allow for collection and disposal of stormwater from slope beyond rear boundary.
14	645	120	N	-		Y	10	Y	N	N	N	Y	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
15	617	200	N	-		Y	11	Y	N	N	N	Y	N	N	N	Y	"Pod-off" type foundations or specifically designed strip footings.
16	647	>200	Y	3		Y	10	Y	N	N	N	Y	N	N	N	Y	Suitable for standard foundations designed in accordance with NZS 3604.
17	597	193	Y	7		N	-	Y	N	N	N	Y	N	N	N	N	
18	596	>150	Y	8		N	-	Y	N	N	N	Y	N	N	N	N	



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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations		Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3504:2011	Specific Design										
		Y/N	Depth (m)	Y/N	Y/N	Y/N/NA	Y/N/NA										

19	551	200	Y	9		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
20	551	>150	Y	9		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
21	551	155	Y	9		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
22	551	>150	Y	8		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
23	551	200	Y	7		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
24	573	>150	Y	7		N	-	Y	N	N	Y	N	N	N	Y	Y	'Pod-raft' type foundations or specifically designed strip footings.
25	577	200	Y	8		N	-	Y	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3504.
26	379	200	Y	6		Y	2	Y	N	N	Y	N	N	N	Y	Y	'Pod-raft' type foundations or specifically designed strip footings.
27	347	158	Y	1		Y	3	Y	N	N	Y	N	N	N	Y	Y	'Pod-raft' type foundations or specifically designed strip footings.



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INFRASTRUCTURE DEVELOPMENT CODE

G3

VERSION 1

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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										
			Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA										

28	410	115	N	-		Y	3	Y	N	N	N	Y	N	N	N	N	N	
29	450	200	N	-		Y	4	Y	N	N	N	Y	N	N	N	N	N	
30	613	-	N	-		Y	5	Y	N	N	N	Y	N	N	N	N	N	
31	444	200	N	-		Y	4	Y	N	N	N	Y	N	N	N	N	N	
32	400	200	N	-		Y	3	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604
33	400	200	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	
34	400	200	N	-		Y	4	Y	N	N	N	Y	N	N	N	N	N	
35	388	200	N	-		Y	4	Y	N	N	N	Y	N	N	N	N	N	
36	527	200	N	-		Y	4	Y	N	N	N	Y	N	N	N	N	N	
37	550	200	N	-		Y	2	N	Y	N	N	Y	N	N	N	N	Y	Foundations specifically designed for geotechnical ultimate bearing capacity of 180kPa at 300mm embedment depth.



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		July 2011	

DP No:	Lot 2 DP474511 & Part Lot 11 DP 364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										

38	486	139	N	-		Y	2	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604
39	472	139	N	-		Y	2	Y	N	N	N	N	N	N	N	N	N	
40	376	161	N	-		Y	2	Y	N	N	N	N	N	N	N	N	N	
41	352	161	N	-		Y	2	Y	N	N	N	N	N	N	N	N	N	
42	496	139	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
43	495	146	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
44	478	152	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
45	491	200	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
46	508	200	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
47	516	146	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	
48	510	200	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	



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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments:
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										
		Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA											

49	580	172	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
50	770	200	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	Subject to Building Restriction Line (GCR Section 8.5.1). Otherwise suitable for standard foundations designed in accordance with NZS 3604.
51	731	200	N	*		Y	2	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
52	563	200	N	-		Y	1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
53	543	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
54	543	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
55	543	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
56	542	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
57	573	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
58	573	200	Y	0-1		Y	0-1	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.



SUMMARY OF GOTECHNICAL DATA FOR INDIVIDUAL LOTS		G3	
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		July 2011	

DP No:	Lot 2 DP474511 & Part Lot 11 DP 364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										
		Y/N	Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA										

59	504	199	N	-		Y	1	Y	N	N	N	Y	N	N	N	N	N	N	
60	509	151	N	-		Y	1	Y	N	N	N	Y	N	N	N	N	N	N	
61	480	194	N	-		Y	1	Y	N	N	N	Y	N	N	N	N	N	N	
62	480	154	N	-		Y	1	Y	N	N	N	Y	N	N	N	N	N	N	
63	480	200	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
64	480	147	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
65	480	196	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
66	532	160	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
67	531	138	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
68	450	200	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	
69	451	200	N	-		Y	2	Y	N	N	N	Y	N	N	N	N	N	N	

Suitable for standard foundations designed in accordance with NZS 3604.



**SUMMARY OF GOTECHNICAL DATA FOR INDIVIDUAL LOTS**  
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<b>G3</b>	
VERSION 1	1
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DP No:	Lot 2 DP474511 & Part Lot 11 DP 364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N/NA										

70	501	154	N	-	-	Y	3	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
71	504	-	N	-	-	Y	3	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
72	523	-	Y	-	-	Y	3	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
73	480	N/A	Y	-	-	Y	3	Y	N	N	N	Y	N	N	N	N	N	'Pod-rat' type foundations or specifically designed strip footings.
74	480	200	Y	-	-	Y	4	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
75	540	90	Y	-	-	Y	6	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
76	527	79	N	-	-	Y	6	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
77	579	-	N	-	-	Y	5	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
78	540	-	N	-	-	Y	5	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
79	540	193	N	-	-	Y	6	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
80	540	200	N	-	-	Y	7	Y	N	N	N	Y	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.



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**INFRASTRUCTURE DEVELOPMENT CODE**

<b>G3</b>	
VERSION 1	1
July 2011	

DP No:	Lot 2 DP474511 & Part Lot 11 DP.364444	Property Address	279 Lakes Boulevard, Pyes Pa	RC No:	21332
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Lot No:	Subsurface data				Foundations		Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Retriulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
	Area (m <sup>2</sup> )	Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011										
		Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA										

81	540	69	N	-	Y	8	Y	N	N	N	N	N	N	N	N	
82	540	72	N	-	Y	8	Y	N	N	N	N	N	N	N	N	
83	526	84	N	-	Y	8	Y	N	N	N	N	N	N	N	N	
84	523	142	N	-	Y	7	Y	N	N	N	N	N	N	N	N	
85	492	156	N	-	Y	5	Y	N	N	N	N	N	N	N	N	
86	492	101	N	-	Y	5	Y	N	N	N	N	N	N	N	N	
87	466	200	Y	1	Y	5	Y	N	N	N	N	N	N	N	N	
88	465	112	N	-	Y	5	Y	N	N	N	N	N	N	N	N	
89	462	200	N	-	Y	7	Y	N	N	N	N	N	N	N	N	
90	459	143	N	-	Y	8	Y	N	N	N	N	N	N	N	N	
91	450	200	N	-	Y	8	Y	N	N	N	N	N	N	N	N	

Suitable for standard foundations designed in accordance with NZS 3604.



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<b>G3</b>	
VERSION 1	<b>1</b>
July 2011	

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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations		Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design										
		Y/N	Depth (m)	Y/N	Y/N	Y/N/NA	Y/N/NA										

92	450	171	N	-		Y	7		Y	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
93	500	156	N	-		Y	8		Y	N	N	N	N	N	N	N	
94	500	200	N	-		Y	8		Y	N	N	N	N	N	N	N	
95	561	200	N	-		Y	4		Y	N	N	N	N	N	N	N	
96	529	200	Y	1		Y	3		Y	N	N	N	N	N	N	N	
97	529	200	Y	6		Y	3		Y	N	N	N	N	N	N	N	
98	529	200	Y	7		Y	2		Y	N	N	N	N	N	N	N	
99	529	200	Y	8		Y	5		Y	N	N	N	N	N	N	N	'Pod-raft' type foundations or specifically designed strip footings.
100	532	78	Y	8		Y	5		Y	N	N	N	N	N	N	N	
101	547	72	Y	6		Y	5		Y	N	N	N	N	N	N	N	
102	547	200	Y	7		Y	4		Y	N	N	N	N	N	N	N	



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G3

VERSION 1

July 2011

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		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design										
		Y/N	Depth (m)	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA									

103	564	>150	Y	7		N	-	Y	N	N	Y	N	N	N	Y		Suitable for standard foundations designed in accordance with NZS 3604. Consider effects of minor differential settlement during design (GCR Section 8.4).
104																	
105																	
106																	
Lots excluded from this GCR																	
107	495	>150	Y	8		N	-	Y	N	N	Y	N	N	N	Y		Suitable for standard foundations designed in accordance with NZS 3604.
108	495	200	Y	8		N	-	Y	N	N	Y	N	N	N	Y		
109	495	>150	Y	8		N	-	Y	N	N	Y	N	N	N	Y		
110	495	158	Y	8		N	-	Y	N	N	Y	N	N	N	Y		
111	495	>150	Y	8		N	-	Y	N	N	Y	N	N	N	Y		
112	492	200	Y	8		N	-	Y	N	N	Y	N	N	N	Y		



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Lot No:	Area (m <sup>2</sup> )	Subsurface data					Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Y/N	Y/N/NA										

113	562	200	Y	7			N	-	Y	N	N	N	N	N	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
114	652	N/A	N	-			Y	13	Y	N	N	N	N	N	N	N	N	N	
115	779	200	N	-			Y	13	Y	N	N	N	N	N	N	N	N	N	
116	815	N/A	N	-			Y	13	Y	N	N	N	N	N	N	N	N	N	
117	693	200	N	-			Y	12	Y	N	N	N	N	N	N	N	N	N	
118	701	200	N	-			Y	10	Y	N	N	N	N	N	N	N	N	N	Subject to Building Restriction Line (GCR Section 8.5.1). Otherwise suitable for standard foundations designed in accordance with NZS 3604.
119	708	119	N	-			Y	9	Y	N	N	N	N	N	N	N	N	N	
120	713	200	N	-			Y	6	Y	N	N	N	N	N	N	N	N	N	
121	717	200	N	-			Y	4	Y	N	N	N	N	N	N	N	N	N	
122	732	104	N	-			Y	6	Y	N	N	N	N	N	N	N	N	N	



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Lot No:	Area (m <sup>2</sup> )		Subsurface data				Foundations			Building Restriction Line										Comments					
	Shear Strength (kPa)	at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design	Consent Notice	On Site Effluent Disposal	Compressible Soils	Minimum Building Platform	Designated Building Platform	S/W Retiulate	S/W Soakage	S/W Specific Design										
	Y/N	Depth (m)	Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N

123	776	200	N	-	Y	7	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Subject to Building Restriction Line (GCR Section 8.5.1). Otherwise suitable for standard Foundations designed in accordance with NZS 3604.
124	961	200	N	-	Y	7	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	
125	696	200	N	-	Y	6	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
126	818	200	N	-	Y	5	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
127	822	200	N	-	Y	4	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
128	736	189	N	-	Y	2	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
129	767	200	N	-	Y	2	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
130	755	138	N	-	Y	2	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
131	742	200	N	-	Y	1	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y		
132	490	200	N	-	Y	1	Y	Y	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N		



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Lot No:	Subsurface data				Foundations			Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
	Area (m <sup>2</sup> )	Shear Strength (kPa) at 0.5m depth	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design										
		Y/N	Y/N	Y/N	Y/N/NA	Y/N/NA	Y/N/NA										

133	501	200	N	-	Y	1	Y	N	N	N	Y	N	N	N	N	N	
134	523	200	N	-	Y	2	Y	N	N	N	Y	N	N	N	N	N	
135	575	80	N	-	Y	2	Y	N	N	N	Y	N	N	N	N	N	
136	568	99	N	-	Y	4	Y	N	N	N	Y	N	N	N	N	N	
137	496	200	N	-	Y	5	Y	N	N	N	Y	N	N	N	N	N	
138	508	200	N	-	Y	7	Y	N	N	N	Y	N	N	N	N	N	
139	512	N/A	N	-	Y	7	Y	N	N	N	Y	N	N	N	N	N	
140	540	200	N	-	Y	6	Y	N	N	N	Y	N	N	N	N	N	
141	480	200	N	-	Y	5	Y	N	N	N	Y	N	N	N	N	N	
142	480	200	N	-	Y	4	Y	N	N	N	Y	N	N	N	N	N	
143	480	152	N	-	Y	6	Y	N	N	N	Y	N	N	N	N	N	

Suitable for standard foundations designed in accordance with NZS 3604.



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Lot No:	Area (m <sup>2</sup> )	Subsurface data				Foundations		Building Restriction Line	S/W Specific Design	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	On-Site Effluent Disposal	Consent Notice	Comments
		Shear Strength (kPa)	Subdivision Filling	Natural Topography Unworked	Natural Topography Earthworked	Conventional Shallow Foundation to NZS 3604:2011	Specific Design										
		at 0.5m depth	Y/N	Depth (m)	Y/N	Y/N	Y/N/NA	Y/N/NA									

144	500	100	N	-	Y	7	Y	N	N	N	Y	N	N	N	N	Suitable for standard foundations designed in accordance with NZS 3604.
145	557	139	Y	5	Y	5	Y	N	N	N	Y	N	N	N	Y	'pod-raft' type foundations or specifically designed strip footings.
146	450	200	Y	6	Y	4	Y	N	N	N	Y	N	N	Y		
147	450	200	Y	6	Y	3	Y	N	N	N	Y	N	N	Y		

N/A indicates granular/sandy soils encountered at 0.5m depth in borehole. Shear strength not measured.



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