

Appendix 2

Statement of Professional Opinion (G2)
Lot Summary Report (G3)

CERTIFICATION

G2

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

NAME OF SUBDIVISION	The Lakes Stage 2H
COUNCIL FILE NUMBER RC No:	23822
ENGINEER RESPONSIBLE FOR INVESTIGATION:	M W Hughes
QUALIFICATIONS:	BE CPEng MIPENZ

I Michael William Hughes of S & L Consultants Ltd

Hereby confirm that I am a professional person, appropriately qualified with experience in geotechnical engineering to ascertain the suitability of the land for building development and was retained as the Soils Engineer to the above development.

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 31 March 2014.

1. In my professional opinion, not to be construed as a guarantee, I consider that;
 - a) The areas shown in my report dated 31 March 2014 of each new allotment are suitable for the erection thereon of the building types appropriate to the zoning of the land, provided that buildings are located within areas defined by building restriction lines shown on DP 472593. Any encroachment over the building restriction lines may only be undertaken by cantilevered structures designed by a chartered professional structural engineer, except on the western side of lot 436 where such cantilevered structures are not recommended, as described in my report.
 - b) The earth fills described in the report 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 with specifically designed enhanced foundation slabs as described in section 6.3 of my report.
 - e) The original ground not affected by filling is suitable for the erection of residential buildings with specifically designed enhanced foundation slabs as described in section 6.3 of my report.
2. 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 normal inspections of foundation conditions at the time of erection for any dwelling.

Signed:  Date: 31 March 2014



PRODUCER STATEMENT
SUITABILITY OF LAND FOR BUILDING DEVELOPMENT

G2

Version 1
July 2011

INFRASTRUCTURE DEVELOPMENT CODE

1

SUMMARY OF GEOTECHNICAL DATA/RECOMMENDATIONS FOR INDIVIDUAL LOTS

FROM IDC_ G3

Subdivision:

The Lakes Stage 2H

TCC Ref: 23822

Location: Double Bay Road

S&L Ref: 20533

The comments and notations included on this summary sheet are outlined in the support documents
These shall be read in conjunction with this summary.

Lot No.	Area (m2)	Subsurface Data				Foundations		Building Restriction Line	S/W Soakage	S/W Reticulate	Designated Building Platform	Minimum Building Platform	Compressible Soils	on-site effluent disposal	consent notice	Recommendations /Restrictions *
		Subdivision Filling		Natural Topography Unworked	Natural Topography earthworked	Conventional shallow	Specific Design									
		Y/N	Depth (m)													
430	689	Y	0-4.0	N	Y	0-2.0	Y	N	Y	N	NA	N	Y	Y	see below	
431	619	Y	0-5.0	N	Y	0-2.5	Y	N	Y	N	NA	N	Y	Y	"	
432	580	Y	0-5.9	N	Y	0-4.5	Y	N	Y	N	NA	N	Y	Y	"	
433	611	Y	0-6.6	N	Y	0-6.0	Y	N	Y	N	NA	N	Y	Y	"	
434	645	Y	0-5.4	N	Y	0-6.5	Y	N	Y	N	NA	N	Y	Y	"	
435	744	Y	0-5.4	N	Y	0-5.0	Y	N	Y	N	NA	N	Y	Y	"	
436	1169	Y	0-6.3	N	Y	0-1.0	Y	N	Y	N	NA	N	Y	Y	"	
437	878	Y	0-6.5	N	Y	0-5.0	Y	N	Y	N	NA	N	Y	Y	"	
438	894	Y	0-5.0	N	Y	0-4.5	Y	N	Y	N	NA	N	Y	Y	"	
439	775	Y	0-4.6	N	Y	0-1.5	Y	N	Y	N	NA	N	Y	Y	"	
440	1212	Y	0-5.0	N	Y	0-1.5	Y	N	Y	N	NA	N	Y	Y	"	

* for enhanced foundation slabs and building over building restriction lines (refer to Sections 6.2 and 6.3 of report)
** Suitable to be taken as good ground to NZS 3604:2011



SUMMARY OF GEOTECHNICAL DATA FOR INDIVIDUAL LOTS
INFRASTRUCTURE DEVELOPMENT CODE

G3
VERSION