MĀWHERA GREY DISTRICT COUNCIL

GROUND REPORT – IMPORTANCE LEVEL 1 BUILDINGS

For sheds, farm buildings and other IL1 buildings. To be completed by a Suitably Qualified Person and attached to the building consent application.

Good ground is soil or rock that can permanently support an ultimate bearing pressure of 300 kPa.

It excludes topsoil, soft clays, loose gravel, expansive soils and ground that could move 25 mm or more (B1/AS1 clause 1.2.1.1). If good ground or the design bearing cannot be confirmed, a Chartered Professional Engineer (CPEng) must be engaged. Uncontrolled fill is not good ground: foundations must bear on natural ground below any fill, or the fill must be engineered fill designed and certified by a CPEng.

1. Property and building

Site address	
Legal description	
Owner	
Building description	
Foundation type	☐ Poles ☐ Slab ☐ Piles ☐ Other
Design bearing assumed	

2. Site

Existing ground	☐ Natural ☐ Fill (depth m) ☐ Previously built on
Slope	☐ Flat ☐ Gentle ☐ Steep
Close to a river, stream or waterway	☐ No ☐ Yes – distance m
Hazards checked (LIM, TTPP maps, GDC hazard mapping, WCRC Natural Hazards portal, Beca West Coast Regional Liquefaction Assessment 2021)	☐ None found ☐ Yes – details:

3. Testing

Date of testing	
Weather (day of test and previous 2 days)	
Test method	☐ Test pits ☐ Scala penetrometer ☐ Bore holes

Test	Location (see site plan)	Depth (m)	Soil description / Scala blows per 100 mm	Groundwater (m)
T1				
T2				
T3				
T4				
T5				

Attach full Scala or test pit logs if more space is needed. The number and depth of tests must suit the building footprint and foundation type.

Ground conditions found (tick all that apply)	☐ Peat / organic soil ☐ Soft clay or silt ☐ Loose gravel / voids ☐ Iron pan ☐ Fill / tailings ☐ Groundwater ☐ Historic mine workings / subsidence ☐ Sandy or silty soil (liquefaction potential) ☐ None of these

4. Conclusion

Result	☐ Good ground confirmed to foundation depth ☐ Design bearing confirmed ☐ Not confirmed – CPEng required
On-site confirmation	Ground to be confirmed on site at the foundation inspection ☐ Yes ☐ No
Comments	

5. Attachments

Attached	☐ Site plan with test locations ☐ Photos ☐ Test / Scala logs

6. Suitably Qualified Person

Name	
Company	
Phone / email	
Qualifications / licence	
Experience assessing West Coast ground and Scala testing	

Declaration: I have assessed the ground at this site. The information in this report is true and correct, and I am competent to carry out this assessment.

Signature	
Date	