

BEFORE THE HEARINGS PANEL

IN THE MATTER

of the Resource Management
Act 1991

AND

IN THE MATTER

of the Proposed District Plan
for Waimakariri District

**HEARING STREAM 12C: REZONING REQUESTS (LARGE LOT RESIDENTIAL
ZONE)**

**SUMMARY STATEMENT OF EVIDENCE OF ANDREW JAMES SMITH
(GEOTECHNICAL)**

ON BEHALF OF

ANDREW CARR (SUBMITTER #158)

12 July 2024

1. INTRODUCTION

- 1.1 My name is Andrew James Smith.
- 1.2 I have previously provided a statement of evidence (dated 28 February 2024) and a supplementary statement of evidence (dated 5 July 2024) regarding geotechnical matters in respect of the Submitter's request for the rezoning of 308 Cones Road and 90 Dixons Road (**the site**). My qualifications and experience remain as set out in those statements of evidence.
- 1.3 The purpose of this summary statement of evidence is to provide an overview of my position, as outlined in those two statements of evidence.
- 1.4 This summary statement of evidence has been prepared in accordance with the Code of Conduct for expert witnesses contained in the Environment Court of New Zealand Practice Note 2023.

2. SUMMARY OF EVIDENCE

- 2.1 I previously prepared a detailed technical report regarding geotechnical matters at the site (Annexure A to my Evidence in Chief). I concluded that:
 - a. The assessment area is not subject to significant erosion, nor to slippage or falling debris.
 - b. Liquefaction risk is negligible, and the assessment area has a low subsidence risk.
 - c. 308 Cones Road is within an area that is denoted as having a very low risk of being inundated in a 200-year flood event.
 - d. Small areas of 90 Dixons Road subject to the rezoning request are denoted as having a low risk of being inundated in a 200-year flood event.
 - e. Site investigation showed that 308 Cones Road did not achieve the NZS3604:2011 definition of 'good ground' and it is likely that the same situation will be present at 90 Dixons Road. This simply means that lot-specific geotechnical reports will be required for each desired building

location. This can be undertaken at Building Consent stage, and provisional results show that a Geotechnical Ultimate Bearing Capacity of 200 kPa is available across the whole site.

f. Neither 308 Cones Road nor the part of 90 Dixons Road subject to the rezoning request will be subjected to significant natural hazards (subject to the recommendations in my reports being followed).

2.2 The Officers' assessment of the site is set out in Section 5.4 of the s 42A report produced by Mr Mark Buckley, and in paragraphs 68 to 73 of the Engineering Assessment (Appendix D to the s 42A report) produced by Council's Senior Civil & Geotechnical Engineer Mr John Aramowicz.

2.3 Mr Aramowicz states that "*there are no significant geotechnical ... hazards that would prevent the proposed LLRZ land use*". Mr Buckley relies on this assessment.

3. CONCLUSIONS

3.1 Based on the technical assessment attached to my Evidence in Chief, I consider that there are no geotechnical reasons why the site could not be rezoned as LLRZ.

3.2 In his report, Mr Buckley recommends that the submission is accepted and that the site is rezoned as LLRZ. From a geotechnical perspective, I agree with his recommendation.

ANDREW SMITH

Dated 12 July 2024