AK Taihia

From: elbury@xtra.co.nz
Sent: Tuesday, 24 June 2025 11:55 am
To: AK Taihia; 'Office'
Subject: KIng submission today . says no report from PK .giving to tonkin taylor

Hi Alicia-Kate , can you please have this tabled in today hearing. Please find attached my submission and Engineer report that was put in with my submission. This should have been included in todays submission . Do NOT like that it is removed or not given to Tonkin and Taylor regards Fiona King

I seek the following decision from the Council:

Change the maps for the coastal erosion hazard 2 line maps to be reflective of geology, as it is clear that different substrates erode at different rates, and also that the site contains gabion baskets that have lifted the site well above the surrounding properties, and has been established by a geotechnical engineer – PK engineering, in June 2017.

It is formally requested to change this line where it runs past this site to reflect this, as per the PK engineering assessment that was also provided to toby Kay at NRC when the coastal hazard mapping was done by NRC (13.6.17). A generic approach has been taken, instead of looking at the geology of the site, and therefore if it will erode or not. The report from PK engineering specifically has considered potential erosion of the sub-strate, and it is clear that blue rock will not erode such as sand or other sedimentary rock may do so. PK engineering will present at the hearing to reflect these facts, and his letter of evidence is shown below:

Our ref: 16-53
Your ref: 275 Foreshore Road – Fiona King

Tuesday 13th June 2017

Felicity Foy
Northland Planning and Development
1421 Church Road
Kaitaia

Dear Felicity,

RE: SOIL STRATIFICATION AT 275 FORESHORE ROAD

I have been to the above mentioned site and done numerous bore holes and soil tests along the cross section forming the land form at 275 Foreshore Road.

I can confirm that the geomorphology of this whole site is as follows;

- Approximately 1.5m of conglomerate – silty and gravelly soils inter bedded on a clay matrix.
- Well weathered basaltic rock (lava flow) for a depth of at least 10-15m
- On the lower portion of the site there is a thin veneer of loosely compacted sand (approximately 0.5-1m deep) in the only in Nor East corner which was removed from underneath the foundations of the existing gabion rock fill retaining walls.

No sandy layers were discovered on the upper regions of the slope on this site.

Should you require any further information please contact me on 09 407 3255.

Regards,

Pradeep Kumar.
B.E hons, NZCE, MIPENZ,
IntPE, CPEng.
(Structural, Geotechnical)
Chartered Professional Engineer.