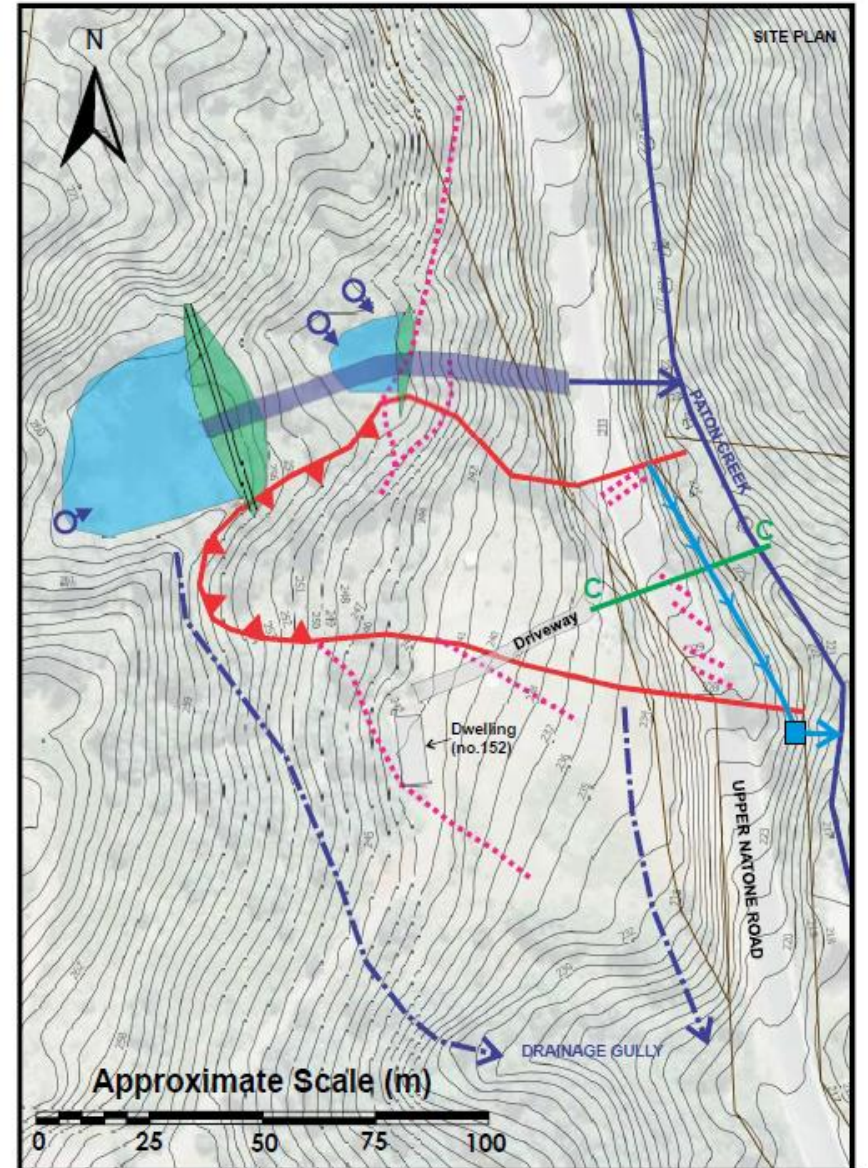
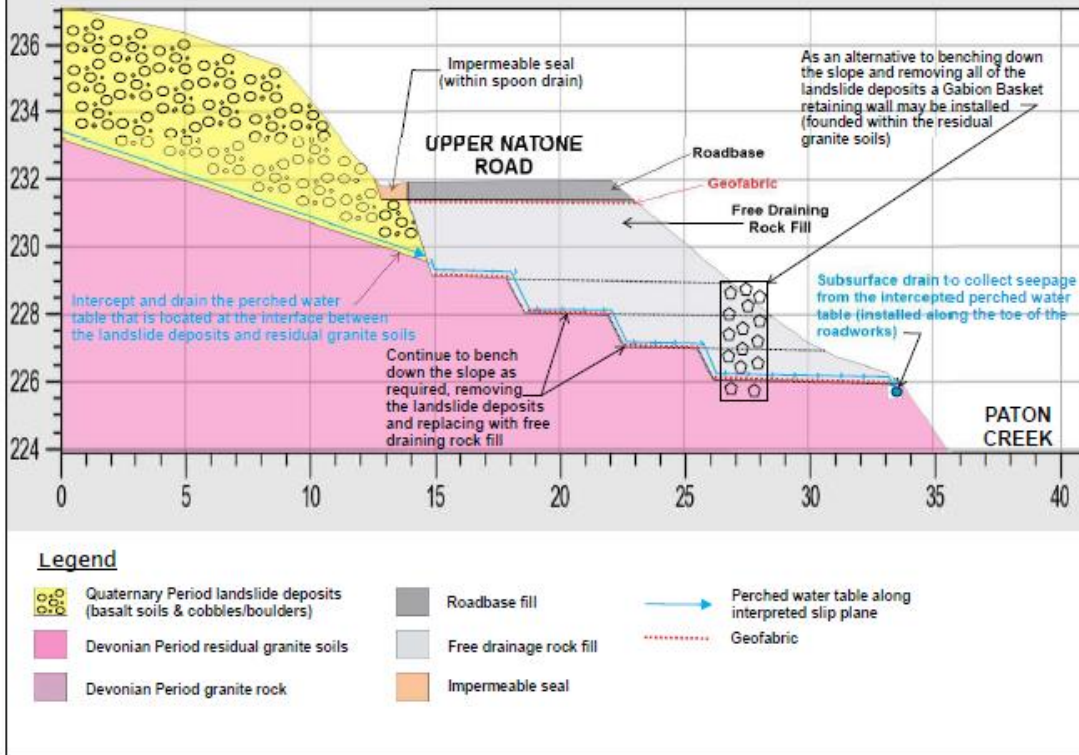


PROPOSED REMEDIATION PLAN

- 1) Decommission both dams.
- 2) Create a rock lined drainage channel to appropriately drain the area and intersect the springs. The drainage channel to discharge into Paton Creek via a culvert beneath Upper Natone Road. The sizing of the drainage channel and subsequent culvert will need to be determined (hydrology calculations based on the catchment area and spring activity).
- 3) Seal up landslide headscarp and tension cracks with compacted clay.
- 4) Install a cut-off drain above the headscarp of the landslide. The cut-off drain is to discharge into the gully to the south.
- 5) Re-install the cut-off drain along the crest of the cut batter along Upper Natone Road.
- 6) Batter back or retain the large steep batter as per the recommendations within the Geoton report.
- 7) Rebuild the road as per the below cross section and recommendations within the Geoton report.
- 8) Install monitoring equipment to monitor movement (2 x inclinometers).
- 9) Provide on-going monitoring to determine if further drainage works are required.

SECTION C - Proposed Remediation Cross Section



Legend

- | | | |
|--|--------------------------|---|
| Landslide Headscarp | Dam inundation zone | Possible location of rock lined drainage channel |
| Main area of landslide cracking/displacement | LiDAR 1m contours (2013) | Proposed cut-off drain |
| Large tension cracks | Spring | Proposed subsurface drain |
| Dam embankment | | Seepage collection point (discharge to Paton Creek) |

GEOTON Pty Ltd				client: BURNIE CITY COUNCIL	
				project: 512 UPPER NATONE ROAD UPPER NATONE	
date: 28/02/2023	drawn: MS	title: REMEDIATION PLAN		project no: GL22672A	
scale: As Shown	approved: TB	figure no: 4		original size: A3	
rev					