

Site Inspection Record

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Project: Slope re-battering earthworks		Project Number: 240732
Date: 27/01/2025	Time: 12:30 pm	Inspection #: GI01
Inspected by: ☒ GeoSolve: ☐ Client: ☐ Contractor: ☐ Other:		
Weather: Fine		
Inspection Details: Rob Stuff (GeoSolve), Paul Napier (Landowner) and Cam Sim (Excavator operator) were present at the time of the inspection. The main (highest) slope had been partially re-formed to a gradient of approx. 1.5:1 (horizontal to vertical), clearly exposing the stratigraphic contact between the in-situ colluvium and the overlying uncontrolled fill. Rob and Cam discussed the location of this fill contact in the cut and Cam was to re-grade the fill to a maximum gradient of 2:1 (H:V), in accordance with GeoSolve's previous report (ref 240732, dated 12 November 2024). The remaining recent landslip debris and fill had been mostly removed from the outside shoulder of the new road during the inspection, though a thickness of approximately 0.1-0.2 m remained. Cam advised he would remove this minor thickness of fill that had been placed in the shoulder area. The northern portion of the slope from the new culvert to the site boundary had not yet been disturbed, but this was also to be re-battered later in the day, Paul, Rob and Cam discussed the care to be taken during earthworks to ensure the culvert remained functional. No fill appeared to be present in the existing slope face, so the colluvium slope was to be re-battered to a maximum of 1.5:1 (H:V). A safety concern was raised at the time of the inspection when a neighbour entered the site while apparently recording video footage on her phone. When she approached the rear of the excavator while it was operating, Rob advised the individual to please stay outside the work area. The individual refused to leave and became verbally abusive and belligerent. Paul politely asked her to leave his property but she continued recording and shouting obscenities. Rob and Cam discussed her presence and the need to keep a close watch on her and any other pedestrians in the work area to minimise the risk of injury. Placement of the cut soils was also discussed. A stockpile had been formed on a relatively low gradient area west of the accessway, and Paul advised the current plan was to spread the cut soils out over this general area. Rob advised best practice would be to ensure all topsoil and vegetation was first removed from any areas to receive fill, and ideally, the subgrade was to be benched. Cam planned to do so, including digging a 'key' into the toe of the slope to assist with stabilisation.		

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Recommendations: Cam and Paul to continue earthworks as discussed on site and keep a close eye out for pedestrians during the works.

Update 29/01/2025: Paul advised that the earthworks have now been completed, with all slopes on the subject property re-battered as planned. Photos of the completed earthworks are appended below.

Attachments: Photos 1 through 6

Initials: RS

SITE PHOTOGRAPHS – Slope re-battering earthworks



Photograph 1: Earthworks on the main (highest) cut slope underway



Photograph 2: Main cut slope, with the fill contact clearly visible about 1/3 of the way up the slope



Photograph 3: Landslide debris and some fill removed from outside road shoulder, with minimal (recent) fill remaining to be removed



Photograph 4: Main slope at the completion of re-grading (photo supplied by P Napier)



Photograph 5: Re-grading on northern slope now complete (photo supplied by P Napier)



Photograph 6: Road shoulder following removal of all (recent) fill (photo supplied by P Napier)