



CASE STUDY

Harry Graham Drive, Wollongong

Client Name:
Wollongong City
Council

Contract Value:
~2.6M

Dates:
19/03/22 –
17/08/22

Location:
Harry Graham
Drive, Wollongong
NSW



Materials & Key Features

- Over 350m² Shotcrete Wall
- Over 1400m of 6m/8m Ground Anchors in a 150mm Diameter Hole
- 9m Concrete Piles
- Concrete Diversion Wall and Capping Beam
- 12 x Geobrugg Rockfall Barriers varying from 15m – 50m in length and 3.5m to 4.5m in height
- Over 1800m of Post, Upslope and Lateral Fence Anchors

Key Outcomes

- Provided Rockfall Protection to a Local Council Road
- Maintained Road Width and Stopped Further ground movement
- Delivered a Complex Design
- Operated a Combination of Mobile and Large Drilling Units in Tight Access Locations
- Executed Safely with Zero Major Incidents Despite Extreme Weather in Difficult Terrain

Project Description

Wollongong Council engaged GSS to perform rock fall protection measures above and below Harry Graham Drive, Wollongong. As part of this project, GSS

Scope of works

GSS implemented ground anchors, piles, capping beam, and a shotcrete wall on the Harry Graham Drive downside to prevent further road width loss. A



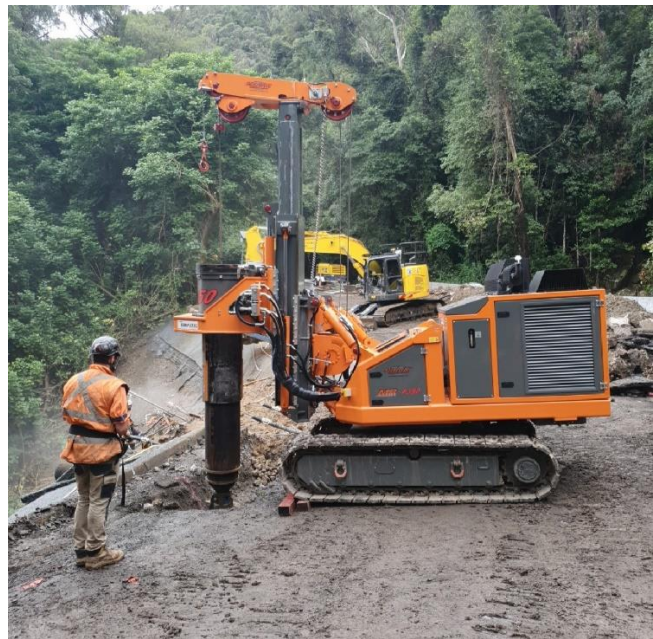


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also undertook slope/ road stabilisation on the low side of the road which was carried out through the implementation of soil nails, piles, diversion walls, capping beam, and a shotcrete wall.

diversion wall was also installed to prevent further erosion and geotechnical issues. On the high side, 12 Rock Catch Fences were installed to prevent further rocks landing on the below road.



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