

Reference Project

Geotechnical Slope Stabilisation

SH1 Ngauranga Gorge Rock Fall Mitigation and Bench Maintenance

Location	SH1 Ngauranga Gorge
Date	November 2020 – January 2021
Client	Capital Journeys/Waka Kotahi NZTA
Consultant	WSP Wellington

Abseil Access successfully delivered the SH1 Ngauranga Gorge Rock Fall Mitigation during an extended SH1 lane closure over the New Year holiday period. It is part of a resilience works variation in the Wellington Region Network Outcomes Contract (NOC) managed by Capital Journeys.

The work included:

- State Highway rolling lane closures for 7 helicopter lifting operations.
- 352m of ground-based drilling, suspended A-frame drilling, excavator mounted drilling.
- Stakeholder and sub-contractor management.
- Traffic control and debris removal.
- Difficult access earthworks to safely move approx. 200m3 off benches above the live highway.
- 2110m2 of Maccaferri HR50/HR30 Drape mesh installation

Abseil Access completed this scope within the allocated 2-week switchyard isolation period with no damage to the critical high voltage equipment. As result, Abseil Access have been requested to submit proposals to complete additional work which was outside of the original design.

