

CASE STUDY

FORBURY ROAD CATCH FENCE

✉ info@abseilaccess.co.nz

🌐 www.abseilaccess.co.nz



INTRODUCTION

In February to March 2024, Abseil Access was engaged to deliver a rockfall protection solution at Forbury Road, Saint Clair, Dunedin. The project was commissioned by the client, with Geosolve Dunedin as the consultant. A catch fence was required to protect a new residential property from an old rock retaining wall located at the top of a steep subdivision site.

PROCESS

The scope included site access and assessment, de-vegetation and rock scaling, installation of two sacrificial test anchors drilled 5m deep and tested to 400kN, and twelve RB32G production anchors drilled up to 6m deep in Ø100mm holes to support the fence posts. Concrete foundations were constructed, with production anchor tests successfully carried out to 185kN. A 20m long by 2.3m high Geobrug GBE-100A-R catch fence was supplied and installed, along with temporary catch fences for safety.

Mobilisation was achieved via excavator to the top of the site due to the steep incline. Test anchors were drilled and grouted at either end of the barrier to confirm ground conditions. Production anchors were surveyed and drilled, while reinforced concrete post foundations were constructed under Abseil Access guidance by the client to minimise costs.

OUTCOME

All production anchors were successfully tested against the foundations, ensuring accurate results and minimal ground disturbance. The catch fence was then erected on the completed foundations in line with manufacturer requirements, providing a cost-effective and reliable rockfall protection system for the new property.

