



Shotcrete, Piles & Ground Anchors

Introduction

Specialist Site Services offer full service solutions in Slope Stabilisation, Ground Engineering and Mining Construction and Tunnelling. We are an Australian owned and operated Company established in 1983 to service the growing need for Specialist Contracting. Specialist Site Services is based in the Hunter Valley, NSW, Australia.

Benefits

Celebrating 30 years of continuous service to the Construction and Mining Industry, we offer a wide range of specialist contracting services and treat each project with pride utilising innovative solutions in a personalised and professional way.

Specialist Site Services understand the client needs to streamline their delivery of a construction project. We provide solutions that accommodate both conventional and alternative approaches to specialist contracting based on experience.

Services

Specialist Contracting services include:

- Soil Nailing & Rockbolting
- Ground Anchoring & Mini Piles
- Sub Soil Drainage & Drilling
- Shotcrete & Fibrecrete applications
- Grouting of Redundant Infrastructure
- Bored Piling & Concrete Constructions
- Rockfall Fencing & Protection Meshing
- Shaft Sinking & Permanent Linings
- Tunnel Excavation & Drill-Blast

Experience

Over the past 30 years our people have been involved in constructing Ocean Outfall tunnels, Motorways, Ports, Dams, Large Scale inner city excavations, Tunnel upgrades and Motorway tunnel construction, just to name a few.

Our accredited Management Systems, Safety focus and Environmental awareness are the cornerstones of our company culture. Our current management team are the 2nd generation of Construction professionals committed to delivering Industry Leading services.

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Lend Lease/SSS - Bangalow

SSS won the contract to excavate and construct a Soil Nail retention wall along the Pacific Motorway at Bangalow, Northern NSW. The contract included constructing a footpath & galvanised handrails. The soil nail wall was expected to be in select fill, however, the fill consisted of uncompacted core stones. The entire wall required permeation grouting to a depth of 8m to ensure the stability of the Motorway. SSS installed 3000L/M of DSI hollow bar anchors and fibrecrete.



Baulderstone/SSS - Bulahdelah

SSS was engaged to carry out slope stabilisation of a new Bypass section of the Pacific Motorway. The work entailed rockbolting, meshing, sub-soil drains and fibrecrete/shotcrete. RMS specifications were applied including saw cutting of 2500m² of completed shotcrete, the application of silicone filled crack control jointing according to specification R83. SSS installed 26m long embankment sub-soil drains, +5000m² of coloured shotcrete, +10,000L/M of drilling and bolting.



Civilbuild/SSS - Highfields

SSS was contracted to supply, place & test a DSI solid bar permanent anchoring system conforming to RMS Specification – B114. The post tensioned system required coring through the piles, drilling 25m into the bad strata, water testing and high pressure grouting the poor strata to improve its capacity for anchoring. SSS tested precast concrete anchor corbels on this project to the satisfaction of the RMS. The supply of permanent anchor load cells was also included.



RMS/SSS - Heaton's Gap

SSS were awarded the contract to scale and stabilise the upper cuttings of Heaton's Gap. This included drilling, drainage, meshing and the application of coloured shotcrete. The project was completed early and well with budget to the satisfaction of the RMS. SSS then secured a 2nd contract to stabilise a large slip which materialised during a storm and dangerously encroaching the roadway. This included excavation and construction of an anchor piled shotcrete wall.