



STABILISATION OF BATTERS ALONG RAIL CORRIDOR AND CONVEYOR LOOP

STRUCTURAL SOIL NAIL WALL

SNK Group engaged The RIX Group for the stabilisation of embankment batters which run along their rail corridor and conveyor loop managed by Keshab SUBEDI. The privately owned rail system supplies coal daily to the Eraring Power Station – the largest coal powered station in Australia. The works involved soil nailing and placement of steel reinforced shotcrete.

This was a complex multi-disciplinary project with various activities that were completed working under RMS R64 and RMS R68 specification to the full satisfaction of the Principal and delivered to the highest quality.

Working at height in a live rail corridor and alongside an active coal conveyor system required the precise execution of all construction activities. This was completed by using a drill mast attached to a long reach excavator combined with support personnel working from 85ft elevated work platforms as well as by rope access.

Construction activities were scheduled around movements along the train line in consultation with the asset owner ensuring there was no interference to the day-to-day operations of the power station.

CLIENT: SNK Group

LOCATION: Origin Energy Eraring Power Station, Eraring NSW

SCOPE: 1000l/m Soil nails;
2500m² Steel reinforced shotcrete;

VALUE: \$1M

COMPLETION: 2021

