Job Report

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HBR 609

THE PROJECT

Equipment: HBR 609

Location: Brisbane Airport Link, AUSTRALIA

Completion time: Airport Link is expected to cater for 95,000 motorists a day in 2012 rising to 120,000 by 2026

Job description: The 609's are installing a combination of steel structural and fibre glass reinforced tube a manchettes. These are for post fracture permeation grouting to stabilise the sand layers with gravels and the soft clays which are interspaced with stiff clays and siltstone

Production: A total of over 23 000 m of horizontal drilling will be carried out over the duration of the contract. The longest being installed are 60m. Most of them installed to date have been installed within an accuracy of 1% (i.e. less the 0.5 m over 50m)

PROJECT DESCRIPTION

- Airport Link is a mainly underground toll road planned between Brisbane's northern suburbs, the airport and the inner city.
- Airport Link will connect the North-South Bypass Tunnel, Inner City Bypass and local road network at Bowen Hills to the northern arterials of Gympie Road and Stafford Road at Kedron and Sandgate Road and the East-West Arterial in the city's north-east.
- Airport Link will comprise two tunnels (one northbound and one southbound) at least 20m apart and up to 50m underground between Windsor and Kedron, and up to 35m underground between Kedron and Clayfield
- There will be three lanes each way between Bowen Hills and Kedron and two lanes each way between Kedron and Toombul/Clayfield. Airport Link is expected to cater for 95,000 motorists a day in 2012 rising to 120,000 by 2026

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