



NEW SOUTHERN RAILWAY International, Domestic, Mascot Stations

SCOPE OF WORKS : Design and construction of diaphragm wall, barrettes, slurry wall, pumping tests and jet grouting for 3 underground stations and 6 break in and break out for TBM.

CLIENT :
TRANSFIELD - BOUYGUES JV

ENGINEER :
CONNELL WAGNER / ACER / HYDER

PROGRAMME :
1995 to 1997

CONTRACT VALUE :
200 MFF

MAIN EQUIPEMENT :
Cutter Bauer BC 30 (50)
Liebherr 853, Manitowoc 4000 and Casagrande
Jet grouting rigs
A modified rig for restricted headroom -crane C50

QUANTITIES :

For stations :

47 648 m² of excavation

45 138 m³ of concrete

6 377 T of steel

200,00 no of couplers

12 no Deep Pumping wells

Thickness \approx 1,20m

For break in and break out boxes :

Jet Grouting : 350 columns

8 500 ml drilling

3 800 ml grouting

9 943 m² barrettes (Lean Concrete)

7 109 m³ slurry wall

