

PEZZIMENTI TUNNELBORE



Specialising in: **Highly Accurate, Laser-Guided Microtunnels.**

Jordan Springs



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WEBSITE | www.pezzimenti.com.au



As part of the on-going redevelopment of the former Australian Defence Industry, Lend Lease required installation of a deep sewer (up to 11m).

The total length of the line required 870 lineal metres of 450mm diameter GRP pipe encased with a Ø660 steel casing. The maximum length of a single drive was 180m. The grade was designed at the very flat value of 0.240%. Lend Lease awarded the works which included open cut sections to Trazlbat. Trazlbat subcontracted the microtunnelling to Pezzimenti Tunnelbore.

Length
Total: 870m
5 Bores.

Bore Diameters
Ø690

Jacked Outer Casing
Ø660 Steel Casing

Carrier Pipe
Ø450 GRP

Ground
Weathered Shale, Clay

Grade
0.240%

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The ground was a weathered shale to clay. The first 4 microtunnels were freebored ie the ground was left to self support, then the steel casing was inserted , followed by the pipes and the annular void grouted.

The last bore was in clay and so was sleeve bored to maintain stability of the bore during microtunnelling.



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For all inquiries – including Job Inspections, Quotations and Project Feasibilities – please don't hesitate to contact Pezzimenti Tunnelbore. We are confident we'll hit the mark on your next microtunneling project.

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When Accuracy Matters.