

PEZZIMENTI TUNNELBORE



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

Spring Farm





The Sydney Water Networks Alliance designed and managed the construction of a 900mm watermain extension designed to supply water to new release areas around Oran Park.

The design specified the microtunnelling for a Ø1350mm butt jointed concrete jacking pipe. As the shale was competent it was decided to freebore the Ø1550 microtunnel and insert the concrete pipes afterward.

Client / Head Contractor

SWNA

Location

Spring Farm, NSW

Manufacturer

Pezzimenti Laserbore™

Categories

**Custom Manufacture
Freebore
Shale**

Spring Farm



+ Custom Design & Manufacture - Ø1550 Head.

A new Ø1550 head was built and commissioned for the project. All components were designed and manufactured in-house by Pezzimenti Laserbore™.

After commissioning, the head achieved production up to 45m per day in the shale. The spoil was transported back along the bore by an enclosed auger system and lifted to the surface by a bucket elevator.

After a breakdown 10m from the end, the bore was completed using the intercept method from the upstream end.



+ Jacking Frame secured in Shaft



+ Manufacture of the 1550 Head in house.



+ Concreting in the Jacking Frame

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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.

+ WEBSITE

www.pezzimenti.com.au

+ PHONE

61 (2) 4735 6676



In-house Custom Design and Manufacture for Microtunnelling Solutions.