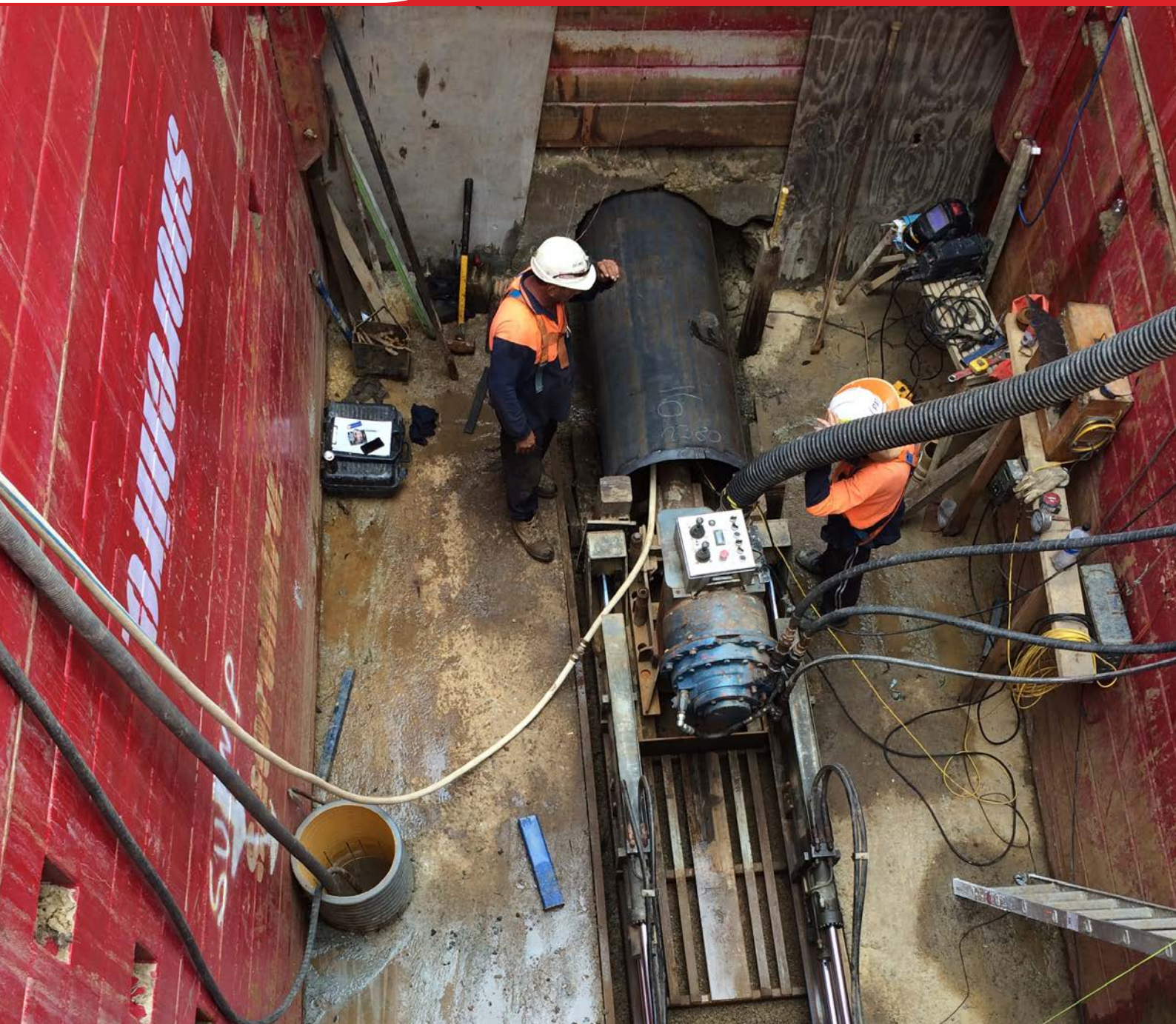


# PEZZIMENTI TUNNELBORE

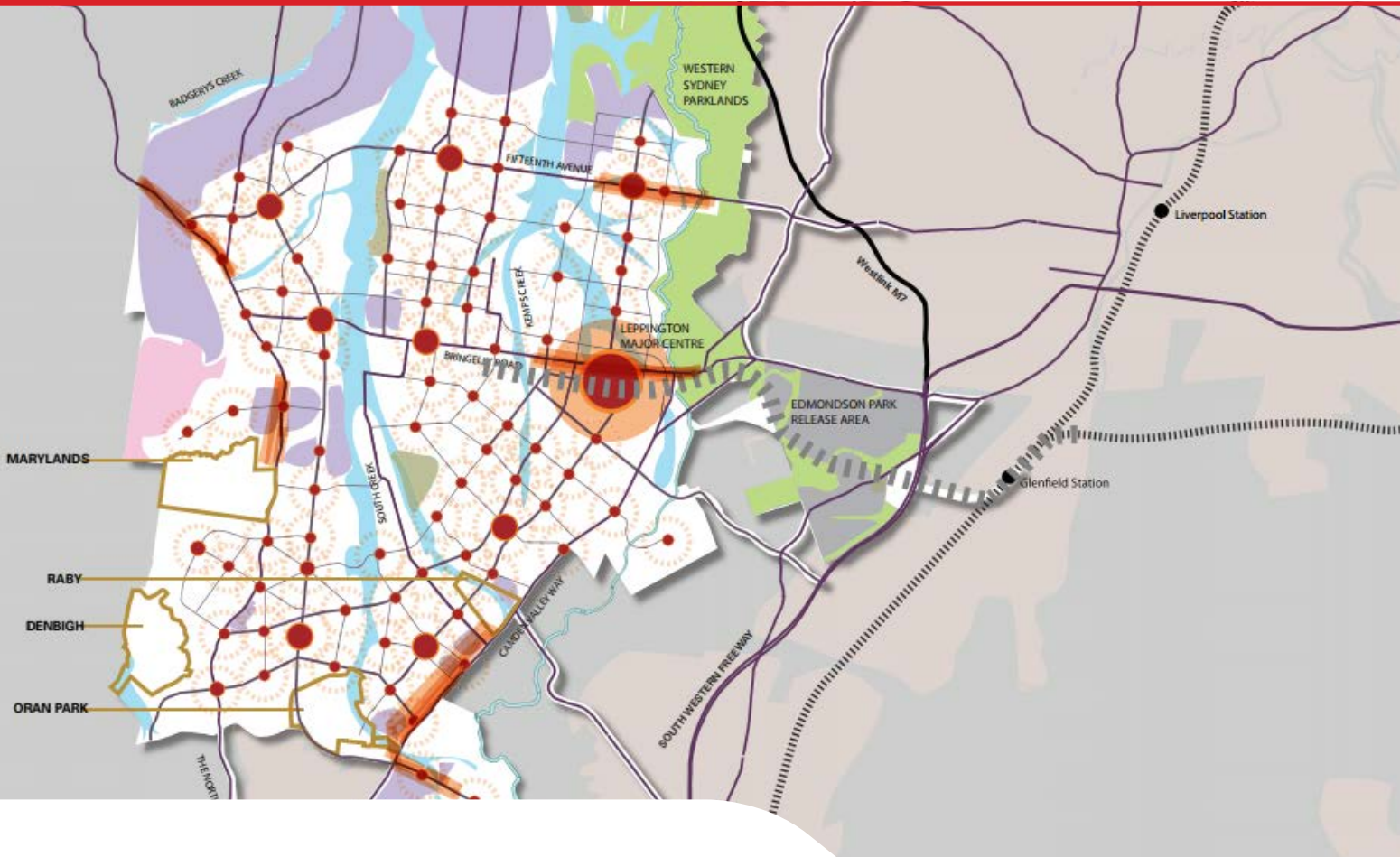


Specialising in: **Highly Accurate, Laser-Guided Microtunnels.**

South West Growth Centre



# South West Growth Centre



The South West Growth Centre is approximately 17,000 hectares in size and includes parts of the Liverpool, Camden and Campbelltown local government areas. It is divided into 18 Precincts that are being progressively released for planning and rezoned for sustainable urban development.

## Project Requirements

The South West Growth Centre will be supported by a Major Centre at Leppington and be serviced by the new South West Rail Link.

It will contain about 110,000 new dwellings for some 300,000 residents -- almost the same population as Canberra.

Method

Pipejack + Freebore

Purpose

Sewer

Ground

Clay and Shale

Features

Highway Crossing, Under Creek



## The Project

Sydney Water are providing sewerage infrastructure such as sewer carriers and sewerage pumping stations. Zinfra Group were awarded contract works including the Bringelly Road, Camden Valley Way and Denham Road sewer carriers.

In turn Zinfra engaged Pezzimenti Tunnelbore to complete a series of microtunnels as detailed below:

	1	2	3	4	5
<b>Location</b>	Camden Valley Way Carrier 1 Ch 736	Camden Valley Way Carrier 2- Ch 556	Bringelly Road Carrier 1	Bringelly Road Carrier 1	Denham Road Carrier Ch 421-559
<b>Method</b>	Freebore	Freebore	Pipejack	Pipejack	Pipejack
<b>Reason for Microtunnel</b>	Eliminate costly special bedding requirements along CVW	Eliminate costly special bedding requirements along CVW	Under Bringelly Rd	Riparian Zone at Scalabrina Creek	Microtunnel under Camden Valley Way
<b>Length (m)</b>	174	176	147	82	138
<b>Outer Casing - (Ømm material)</b>	None	None	610 od steel	610 od steel	762 od steel
<b>Carrier Pipe (Ømm material)</b>	450 GRP Jacking Pipe	450 GRP Jacking Pipe	375 PP	375 PP	525 PP
<b>Bore Diameter (mm)</b>	550	550	630	630	780
<b>Grade (%)</b>	0.4	0.4	0.4	0.4	0.4%
<b>Ground</b>	Shale	Shale	Clay/Shale	Clay/Shale	Clay/Shale

# PEZZIMENTI TUNNELBORE



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

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