



## JINGARRI ESTATE – ALL STAGES

### Background

VALMEC completed all 4 stages of this subdivision work in Karratha. The works started with the construction of an on-site construction camp so that personnel could be accommodated on-site. From there over 10 ha of land was cleared and stripped to accommodate the works. Over 60,000m<sup>3</sup> of fill was imported, placed and compacted on the site. All sewer reticulation, water reticulation, electrical reticulation, drainage and road works were then completed within the client’s timeframes.

### Challenges

The site had significant areas of Gilgai (highly reactive soils) which needed to be treated. The randomness and uncertain nature of this material created significant challenges for the site team. Areas identified as Gilgai were isolated, surveyed and treated throughout the earthworks and underground services construction, with all areas being signed off as compliant at the completion of the works.

### Advantage

The client received the benefit of a highly experienced land development team. The works required a wide range of skill and expertise that VALMEC were able to provide from within the team, including electrical reticulation.

<b>Client</b>	Pindan/Otan
<b>Location</b>	Karratha, Western Australia
<b>Scope of Work</b>	Rio Tinto subdivision in Nickol West, Karratha for Pindan. > Clearing; > Bulk Earthworks; > Roadworks; > Kerbing; > Common service trench; and > Sewer. Special features include: 14,761m <sup>2</sup> roadworks including black and red asphalt, kerbing, road signage and line marking.
<b>Delivery Time</b>	30 weeks
<b>Completion Date</b>	November 2013