

## Driving progress on sustainable access road



# Uungula Wind Farm

Twelve Mile Rd, Wuuluman NSW 2820

### CLIENT'S CHALLENGE

Temporary access road construction was challenging due to underlying soft soils with a CBR of 1–3%. The original proposal, which involved lime stabilisation, was costly because of limited resources and community concern around increased truck movements. The client was seeking an alternative solution, bearing in mind that the on-site crushing facility was only producing 75–150 mm aggregate.

### TENSAR SOLUTION

After considering the site conditions and available materials, Tensar proposed a mechanical stabilisation solution utilising a single layer of large-aperture Tensar InterAx geogrid to meet the design requirements of 10,000 ESALs and a minimum CBR of 3%. The client chose to incorporate an additional layer of Class A geotextile for separation. The adaptability of this solution resulted in a 40% reduction in construction costs compared to lime stabilisation.



NXL 1 x layer with Class A geotextile used

# Tensar®

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#### PROJECT DETAILS

Application

**Access Road | No. 548**

Constructed in

**2025**

Project owner

**Squadron Energy**

Contractor

**NACAP**

Consultant

**Icubed Consulting**

Product

**NXL**



General Site conditions (Prior to construction)



After shot

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