



METRONET Ellenbrook Line

Client/s: MELconx Alliance

Location: Perth, Western Australia

Services: Construction Materials Testing

Construction Sciences Units: Perth Laboratory

Project Description:

The METRONET Ellenbrook Line is a transformative public transport project connecting Perth's northeastern suburbs with the broader rail network for the first time. Spanning 21 kilometres from Bayswater to Ellenbrook, this milestone project includes the construction of five new stations: Morley, Noranda, Whiteman Park, and Ellenbrook. With its modern design and sustainable features, the project supports growing communities by enhancing connectivity to jobs, education, healthcare, and recreation.

This AUD \$1.65 billion project, jointly funded by the Australian and Western Australian governments, has created approximately 6,500 jobs and revolutionised the way Perth residents and visitors commute. Highlights include Australia's first ballast box spreader for rail construction, a focus on sustainability with hybrid solar-powered systems, and significant Aboriginal business procurement exceeding AUD \$50 million.

Our Role:

Construction Sciences was engaged to provide construction materials testing services for the METRONET Ellenbrook Line. Through the Perth laboratory, Construction Sciences supported the project by ensuring the quality and compliance of materials used across all major construction elements, including track ballast, bridge structures, and station infrastructure.

*Image courtesy of METRONET.