



West Angelas Sustaining Project Bulk Earthworks – Western Hill

CLIENT:

Rio Tinto

LOCATION:

Pilbara, WA

CONTRACT:

Construction

CONTRACT VALUE:

\$120m

PROJECT DURATION:

December 2025 – July 2027

West Angelas is a brownfields mining operation located in Western Australia's Pilbara region. The Western Hill (WH) and Deposit H (DH) expansion project involves the development of new mining areas to support continued iron ore production.

Decmil has been engaged to deliver bulk earthworks (3M CCM) for the development of Western Hill and Deposit H, located approximately 8km north-west and 19km north-east of existing hub facilities respectively.

The works encompass mine prestrip activities, construction of 10km of HME haul roads and 13km of light vehicle access roads, major creek and pipeline crossings, surface water management infrastructure, NPI pad construction, and communications network expansion to support the new mining areas.

SCOPE OF WORKS

Mine Prestrip

- Clearing, grubbing, topsoil and subsoil stripping of mining pits, waste dumps, and stockpiles
- Mining area development and preparation

Haul Road Infrastructure

- 10km of HME haul roads including construction and completion into pits, dumps, and stockpiles
- Major waterway crossing (Turee Creek) and gas pipeline crossing
- Clear, grub, topsoil strip, and drainage works for HME haul roads

Project Data Sheet

Light Vehicle Access

- 13km of light vehicle roads to provide access to NPI and mining areas
- One light vehicle overpass tunnel/grade separation (Deposit H)

Water Management

- Surface water management structures including sedimentation ponds and associated access tracks
- HME and LV turkey's nests and water supplies
- Connection to existing raw water distribution networks

Non-Process Infrastructure

- NPI pad construction including HME park-up facility, offices, cribbing, ablutions, and maintenance hardstand
- Remote blast shelter (RBS) pads and associated access tracks

Communications

- Expansion of mining communications network to support both Western Hill and Deposit H operations

All works to be executed in accordance with Rio Tinto specifications, Australian Standards, and approved design documentation, including construction verification, commissioning, and provision of as-built documentation.

Civil Construction



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