



Foxleigh Topsoil Strip & Land Rehabilitation

Client:

Middlemount South – Foxleigh Mine

Project Duration:

6 months

Enquires:

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Project Description

AE Group partnered with an experienced rehabilitation consultant to provide strategic assistance in the optimisation of rehabilitated landforms which assisted in reducing overall timelines and costs. This process allowed us to provide a quality product that exceeded the EA requirements for the mine.

Through working collectively with the Environmental Department, we established rehabilitation objectives, targets and success criteria. With this information we were able to optimise the design and develop a detailed mass haul, subsequently, decreasing construction duration and cost.

Overall, we reduced the cut to fill reshaping required and increasing the productivity of the construction fleet while expanding the landform surface area of the mine rehabilitation.

Key Results:

- Topsoil strip and stockpile for mine pit expansion (250,000m³)
- Progressive rehabilitation of spoil dump
- 650,000m³ cut to fill dozer push
- 90 Hectares mine land rehabilitation
- 180,000m³ topsoil placement
- Topsoil strip and stockpile for new levee construction (180,000m³)
- 90 Hectares of hydroseeding

