



Barraba Diatomaceous Earth Plant Upgrade

Project Category: Audit

Client: Australian Diatomaceous Earth

Location: Barraba, New South Wales

Capacity: 4tph

Commodity: Diatomaceous Earth



Location: Barraba, New South Wales

Scope of Work

Site visit and audit to confirm the equipment requirements for a throughput increase, taking into consideration the impact of tie-in to the current plant. The deliverables included, development of PFDs , Mass Balance and basic plant layout drawings.

Flowsheet

The circuit comprises three stages of rolls crushing, fluidised bed drying, product screening, packaging and dispatch to the market.

Notable Feature

Multiple use of rolls crushing size reduction stages, fluidized-bed drying and fine product screening.

Outcome

Ore characterisation data collected was used as the basis for the upgraded plant design incorporating existing equipment and processing techniques.