

DREDGING

YANCOAL CAMEBY DOWNS



SCOPE: Within a very short timeframe prior to the wet season, remove as much material as possible from the decant water dam and deposit approximately 700 meters away into the tailings dam.

CHALLENGES: Maxitool Australia was given very little notice for this time critical project, however were able to mobilise equipment and crew on-site within one week of receiving the purchase order.

The decant water dam contained an accumulation of coal fines from the tailings dam as well as site run-off silts which were getting picked up by the in-situ electric water return pump, causing constant pump outages and damage.

ACHIEVEMENTS: Maxitool Australia conducted dredging operations using a horizontal auger dredge, removing more than 1000m³ of solids per day. Maxitool Australia also operated the site provided floccing station, allowing the slurry to shed water quicker at the discharge location. As a result, the Client was able to reinstate the clean water supply to the CHPP and eliminate unnecessary future wear on their pump.



**CAIRNS
MACKAY
BRISBANE
PAPUA NEW GUINEA**

**E
W**

**maxitoolaustralia@maxitool.com.au
www.maxitool.com.au**

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