

# Cataby Project - Civil Works

Value \$14 M



Works completed as Watpac Civil & Mining  
**Director's involvement –Tim Malseed – Operations Manager**

## FACTS

<b>Client</b>	Iluka Resources	<b>Division</b>	Civil and Mining
<b>Contract</b>	Lump Sum	<b>Commenced</b>	January 2018
<b>Location</b>	Cataby, WA	<b>Anticipated Completion</b>	July 2018

## PROJECT OVERVIEW

### **Bulk Earthworks, Internal Roads and Miscellaneous Civil Works (C001)**

Iluka Resources are developing a new mineral sands mine at Cataby as part of the Cataby Mine Development Project. The project is located 150km north of Perth and 17km west of Dandaragan adjacent to the Brand Highway

Watpac are contracted to carry out civil works for the establishment of this new greenfield mine. The Scope of works include; clearing, topsoil strip, bulk earthworks, road construction, drainage, dam construction, HDPE liner and pipework, underground services and other miscellaneous works.

## SPECIFICATIONS

### *EARTHWORKS*

- Clearing, Grubbing & Topsoil Strip – 245Ha
- Cut to Fill Embankment – 400,000m<sup>3</sup>
- Borrow to Fill Clay Dam Liner – 15,000 m<sup>3</sup>
- Foundation works – 120,100m<sup>2</sup>

### *ROADWORKS*

- Win and Place Basecourse, Supply and Place Limestone Subbase – 21,900m<sup>3</sup>
- Bitumen Seal – 30,000m<sup>2</sup>
- Road Signs, Line Marking and Boom Gates

### *GEOMEMBRANE / GEOFABRIC FILTER*

- 0 1.5mm HDPE Liner and Geofabric installation to Dam 17,000m<sup>2</sup>

### *DRAINAGE*

- 0 Underdrainage Piping – 3,500m
- 0 CSP Culverts – 340m
- 0 Reinforced Concrete Culverts – 440m