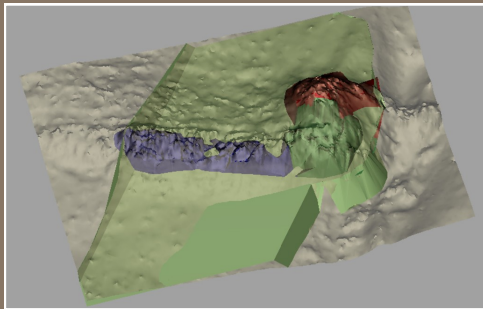


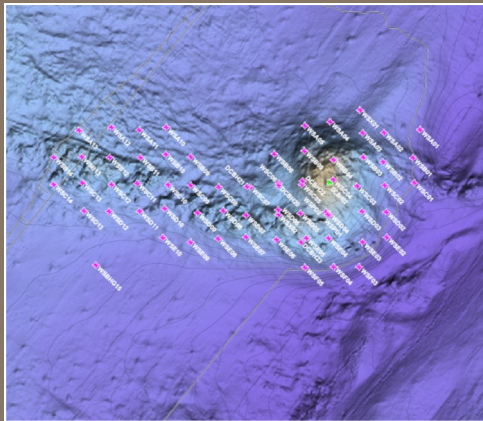
“Where will our knowledge take you?”

Ichthys LNG Development — 3D Dredging Model of Walker Shoal

JKC Joint Venture (for INPEX Browse Ltd)



“ BMT JFA was engaged by JKC Joint Venture on behalf of INPEX to undertake a review of the geotechnical data available at Walker Shoal and to use this information to develop a detailed 3D dredging model ”



INPEX Corporation (INPEX) are the proponent behind plans to export LNG, LPG and condensate from onshore facilities at Blaydin Point as part of the Ichthys LNG project. In order to accommodate the required export facilities it will be necessary to dredge a channel and turning basin which will involve the removal and transport of up to 17 Mm³ to an offshore disposal site.

The dredge material typically consists of unconsolidated sediments, however a significant volume of potentially high strength rock is also located in the dredge area, at a site known as Walker Shoal.

BMT JFA was engaged by JKC Joint Venture on behalf of INPEX to undertake a review of the geotechnical data available at Walker Shoal and to use this information to develop a detailed 3D dredging model of Walker Shoal. The data that was utilised included seismic refraction survey data, strength test results, geological categorizations and field observations as well as the corresponding core photographs.

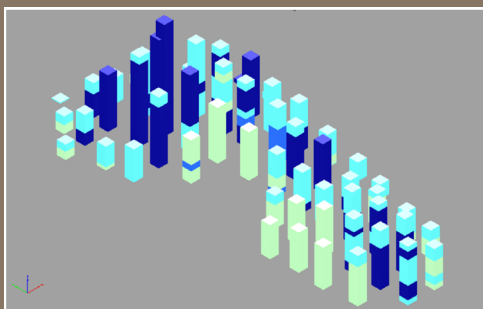
The model was utilised to approximate the volume of material corresponding with a range of different strength categories.

BMT JFA Role

- Review of geological data
- Development of an interpretive 3D model illustrating the geology of the site
- Development of a block 3D model illustrating areas categorised as high strength
- Categorisation of material into UCS strength categories: < 10 Mpa, 10 – 30 Mpa, 30 – 50 Mpa, > 50 Mpa
- Calculation of dredging volumes of each strength category.

Services & Expertise Provided

- Geotechnical investigation management
- Dredging study & assessment.



Location

Blaydin Point, Northern Territory

Date

2010 — 2011