

Tailings Storage Facility Spillway Foundation Grouting

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Lao PDR



Grout trial mix performed at grouting site

The Project

Geotech International provided of drilling and grouting to install a seepage grout curtain under the Tailings Storage Facility (TSF) spillway abutments to reduce seepage under and around the abutments of the spillway.

The Services Provided

- ✓ Grout holes drilled using diamond drilling methods combined with core logging and core photographs
- ✓ Water pressure testing performed in all grout holes
- ✓ Grouting trial programme implemented prior to the start of the grouting work
- ✓ Grout property tests performed prior to the commencement of the grout at each grout hole locations
- ✓ Pressure grouting work performed in stages



Boart Longyear drilling equipment used to perform the drilling work at grout hole of the BHX TSF Spillway – Lao PDR



Installation of packer/grout equipment at grout hole on the right abutment of the BHX TSF Spillway



Grout injection in progress performed using DAT instrument readout at the BHX TSF Spillway - Lao PDR



Drilling and Grouting Operation at BHX TSF Spillway – Lao PDR