



GALLERY CORING & DRILLING

REF: G01

Clients:	THIESS	LEIGHTON
Locations:	Gold Coast, QLD	Collie, WA
Projects:	Hinze Dam	Wellington Dam

DecoTEC has completed several projects involving continuous core drilling and DTH percussion drilling in confined spaces, many located in spillway galleries. This work is high risk due to the nature of the hazard sources and requires careful planning and implementation of risk controls and custom-built equipment. The atmosphere must be constantly monitored and treated which further restricts the type of machinery that can be used and calls for specially trained crews with extensive experience in confined space entry and drilling operations.

This is usually high precision work requiring coring/drilling to be meet fine tolerances. DecoTEC's experienced crews, and extensive inventory of specialised and custom fabricated confined space coring & drilling systems, ensures even the tightest tolerances can be achieved.

As gallery coring & drilling takes place in an environmentally sensitive

mental management" - Matthew Tutton (Thiess Snr Project Engineer)

"We are very happy with the project outcome and DecoTEC's commitment to quality, safety & environmental management" Matt Tutton

location, DecoTEC has developed a highly effective slurry collection and treatment system to ensure zero negative environmental impact without reducing productivity.

Hinge Dam Stage 3 Upgrade

This project included over 600 lineal metres of continuous core drilling (up to 25m deep) of 75mm - 160mm diameter core holes through reinforced concrete and rock which necessitated establishment of systems for ventilation, permanent communication, gas monitoring and a staged slurry collection and treatment system.

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Wellington Dam Upgrade

This project included 900 lineal meters of DTH percussion and core drilling (up to 16m deep) into extremely hard granite necessitating the use of custom fabricated rigs and specialised cutting heads.

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