

Piling Method

The following information has been supplied by GSS Ltd, a piling contractor we have previous experience working with on such installations.

Scope of Work

- Mobilise plant and equipment to site set up temporary barriers and signage, timber bog mats on grass bank, protection to surfaced road.
- Take delivery of piles.
- pontoons delivered and launched by pontoon supplier the same day Piling Contractor would have a safety boat on site to assist.
- Supply and install 3no 219mm dia x 16mm wt S355 steel tubes 6000 mm long capped with welded 16mm thick steel plate and lug for lifting and handling all driven into the river bed 1.50 metres.

Methodology

We would propose to use a 22m, 360-degree long reach excavator with a hydraulic vibro-hammer attachment to handle, position and drive the piles from the river bank. Temporary barriers and signage would be placed around the working area for offloading plant and equipment.

Timber bog mats will be laid on the grass bank for protection from the tracked machine. Plywood boards would be laid on the surfaced road for protection from the tracked machine.

A temporary pile frame would be positioned on site with kentledge weights to stand the piles vertically to enable the excavator to grip and lift the piles. The pontoons would be launched and assembled by Gaelforce with GSS to assist with safety boat. The pontoons are to be held in the final position while the piles are pitched and positioned by the excavator and driven to level.

All plant and equipment demobilised.