

# MULROY BAY BRIDGE

## ROTARY BORED



**Title:** Mulroy Bay Bridge

**Contractor:** Ascon Ltd

**Engineer:** RPS

### Description:

This job involved the drilling and installation of 62nr 900mm dia piles. 12 vertical and 60 at a 1:4 rake. The works were carried out from a temporary piled platform in the middle of Mulroy Bay

914mm dia steel tubes were installed to bedrock using rotary bored techniques to a max depth of 26m a rock socket of up to 5.4m was then drilled in front of the tubular piles.

A reinforcement cage of up to 30m was then installed inside this pile.

Concrete was then tremied in.

Piles were tested using integrity, sonic logging and static to 6450kN

Quinn Piling supplied all labour plant and materials including 2 nr Casagrande Piling rigs a B250 and a B300, 2nr Schwing concrete pumps welding sets, excavators and dumpers.

