



Project Title: PDA Testing West Cape Bridge Structure, West Cape, PEI

Client: Central Prince Contracting Limited

Project Description:

GEMTEC Limited was retained by Central Prince Contracting Limited to conduct dynamic pile testing (PDA) for a single span bridge structure crossing an unnamed stream along Route 14 in West Cape, PEI.

All piles driven for the above project were 310x110 steel H piles. PDA tested piles were finalized in sandstone bedrock at an ultimate geotechnical resistance in compression of 2,200 kN at a penetration resistance of 10 – 15 blows per 25 mm.

GEMTEC Limited conducted PDA testing on three piles along the east foundation in October 2008.

A finalization criterion was established in the field during PDA monitored driving. CAPWAP analyses were completed on the PDA tested piles.

