



Project: BHP Jansen O-Cell Load Test Piles

Highlights

Owner: BHP Billiton
Client / Contractor: SNC Lavalin
Contract Value: Approx. \$2 million

Work Completed: August 2012
Region: Saskatoon, SK (North)
Technology/Service: CFA Load Test Program

Scope

As part of pre-construction for the production facilities, Keller was awarded a contract to supply and install several Continuous Flight Auger (CFA) full scale pile load tests. BHP - Jansen Potash Project will have an annual capacity of 10M tonnes and a 50 year lifespan.

Fast Facts

- Supply and Installation of :
- (4) full scale Continuous Flight Auger (CFA) Load Tests Piles
 - Pile sizes ranging from 610mm to 914mm
 - 914mm X 27.1m length CFA pile - load tested to 7,289 kN
 - Testing to failure using Osterberg Load Cells (O-Cells)

Results/Value

Successful load test program carried out on-time, on-budget with no safety incidents, providing timely, valuable information to the projects geo-technical team to assist in their design of the site wide piling and foundations program.