

Project Location:

Punta Catalina,
Dominican Republic

Main Contractor:

Odebrecht-Tecnimont-Estrella

Project period

Sep 2014 -

Method Applied:

5400 columns with Dry Bottom
Feed Vibro Displacement
Stone Columns to a
maximum depth of 20 m

Technical Requirements:

Provide Ground improvement by installing 1.0m diameter 10m/15m/20m length stone columns with 2.5x2.5m triangular grid.



3 Vibro B27 Dry Bottom Feed rigs working on site



site overview

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Quality Control Testing:

Verification testing was by Standard Penetration Tests (SPTs), at the rate of one test every 2500m².

Quality was assessed also by controlling the specified 15% replacement factor and by liquefaction calculations based on post treatment digital CPT data.