

FOUNDATION ENGINEERING & GROUND IMPROVEMENT

Yas South Integrated Destination Resort

Yas Island

HOSPITALITY & LEISURE - HOTELS & RESORTS • ROTARY BORED PILES • VIBRO REPLACEMENT (STONE COLUMNS)



Client

Miral Asset Management LLC

Consultant

WSP/ Parsons Brinckerhoff

Main Contractor

NSCC International

Location

Abu Dhabi UAE

Start Date

January 2017

Completion Date

July 2017

Project Details

Main Piles

1000 mm dia.	: 346 nos., to depths of 15.75 to 23.6 m
900 mm dia.	: 201 nos., to depths of 17.8 to 23.6 m
750 mm dia.	: 831 nos., to depths of 15.75 to 23.6 m
600 mm dia.	: 485 nos., to depths of 17.8 to 23.6 m
Total length drilled	: 44,112.5 LM

Concrete volume : 20,158 m³

Reinforcement steel : 3,572 tons

Excavation volume : 22,951 m³

Stone Columns

Diameter : 800 mm

Depth : 7.5 to 11.0 m

Total linear meter : 137,805.5 LM

Yas South Integrated Destination Resort is a visionary entertainment resort district located on the southern tip of Yas Island which includes two hotels, 35,000 m² of waterfront retail and restaurants situated along a boardwalk promenade, a state-of-the-art multi-purpose arena, gardens and plazas.