

CASE STUDY

VENEZUELA



Lankelma's nearshore jack-up platform's maiden investigation was a prestigious project for Puente Nigale, the second bridge crossing over South America's largest lake, Lake Maracaibo, Venezuela. The road and rail bridge covering 10.8 km between Santa Cruz de Mara and Punta de Palmas is being built by Brazilian contractor Odebrecht.

Working for Geohidra, a Venezuelan engineering consultant and contractor, Lankelma completed 60 boreholes, including 2,440m of cone penetration testing; 540m of Geobore-S rotary coring; 311 Standard Penetration Tests and taking 138 Shelby Samples. In the underlying mudstones Lankelma's boreholes reached a maximum depth of 70m.

The Combifloat C5 nearshore platform carried out the investigation up to 10 km offshore using its onboard

PROJECT SPECIFICATION

LOCATION	Lake Maracaibo, Venezuela
CLIENT	Geohidra
DATE OF WORKS	June 2013 – May 2014
TESTING UNDERTAKEN	CPT, SPT, Rotary Drilling, Shelby Samples
RIG	Sandpiper Jack-up Platform

wison-APB wireline deployable CPT system and Dando 9000 Multitech drilling rig.

Lankelma is a member of the International Jack-Up Barge Owners Association (IJUBOA), demonstrating our commitment to our position as a leading marine geotechnical contractor, with trained and competent staff who are serious about the safety of its people and the environment.



Image courtesy of worldatlas.com