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## Thermal Resistivity Dryout Curve Reports

<b>Project:</b>	Thermal Resistivity Testing	<b>Job No.:</b>	<b>380621</b>
<b>Client:</b>	Soil Engineering Services Pty Ltd	<b>Sample No.:</b>	<b>1517099</b>
<b>Sampled By:</b>	Client	<b>Start Date:</b>	11/12/2015
<b>Location:</b>	Burdekin River, Queensland	<b>Report Date</b>	7/01/2015

Test Method Used : TR LAB. 2013  
Reference Doc. IEEE Guide for Soil Resistivity Measurements. (IEEE Std 442 - 1981)

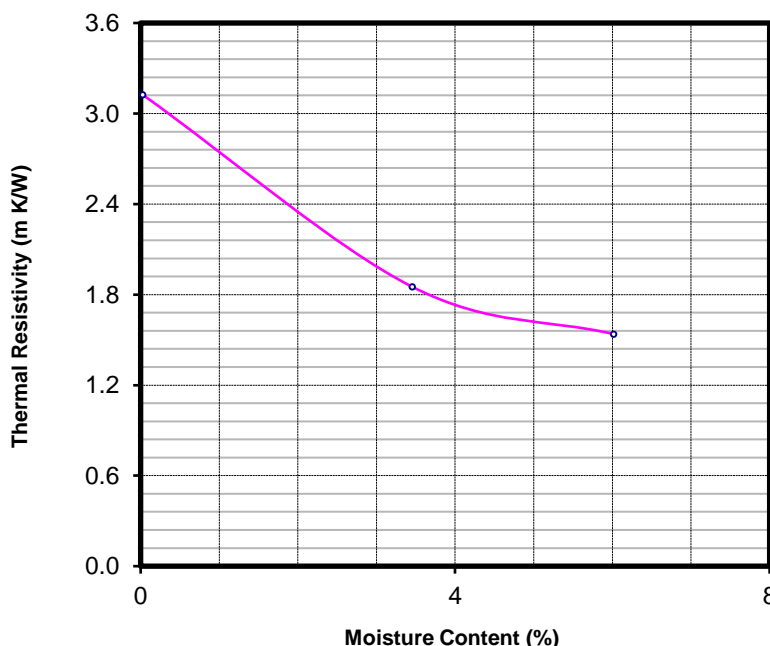
Resistivity Meter: **TC1396** Needle ID.: **0239** Needle Resistance: **82.93 Ohm/m:**

Sample Description:	<b>Sandy Gravel</b>			Actual Ratio
Maximum Dry Density (t/m <sup>3</sup> )	<b>1.72</b>	Actual Density	<b>1.63</b>	94.7
Optimum Moisture Content(%)	<b>10.3</b>	Actual Moisture Content (%)	<b>10.2</b>	99.1

### TEST RESULTS

Moisture Content (%)	Compacted Dry Density t/m <sup>3</sup>	Thermal Conductivity (W / m K)	Thermal Resistivity (m K / W)
0.0	---	0.32	3.13
3.5	---	0.54	1.85
6.0	---	0.65	1.54
10.2	1.630	-	-

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**Remarks:** Sample compacted to 95% Standard and received at <1.0% moisture  
The initial point tested, OMC, returned an unrealistic value due to high water percentage and has not been reported.

Form No.:CG 351.003  
Issue Date: 11/07/2013



Accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

APPROVED SIGNATORY

**A Catton**  
NATA Accreditation No. 12719