

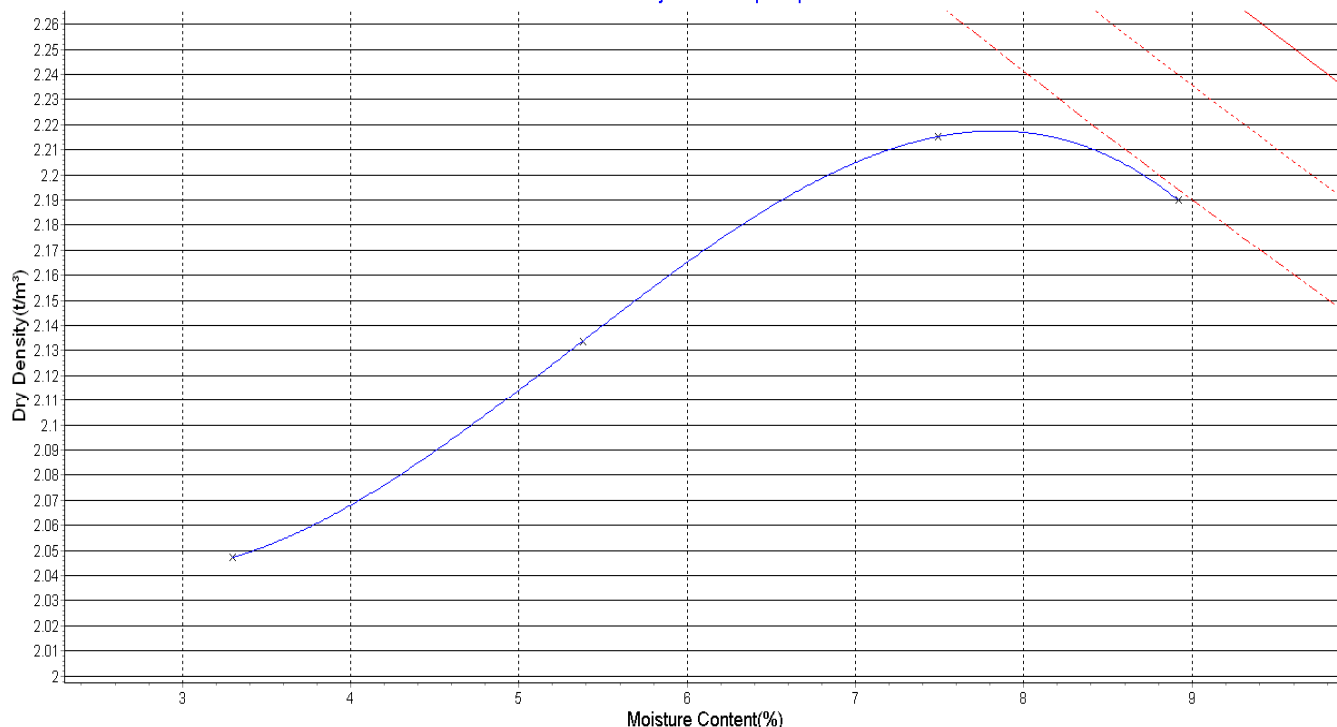
## Moisture Density Relationship Report

|                  |                                         |                    |                     |
|------------------|-----------------------------------------|--------------------|---------------------|
| Client :         | <b>CONSOLID (COD)</b>                   | Report Number:     | <b>BNS227 - 1/1</b> |
| Address :        | <b>PO Box 595, Cleveland, QLD, 4163</b> | Report Date :      | <b>12/12/2016</b>   |
| Project Name :   | <b>SOIL STABILISATION</b>               | Order Number :     | <b>-</b>            |
| Project Number : | <b>BNS227</b>                           | Test Method :      | <b>Q142A</b>        |
| Location:        | <b>Laboratory Testing , Banyo</b>       | <b>Page 1 of 2</b> |                     |

|                   |                                  |                        |  |
|-------------------|----------------------------------|------------------------|--|
| Sample Number :   | <b>BN11544</b>                   | SAMPLE LOCATION        |  |
| Sampling Method : | <b>AS1289.1.2.1 - Clause 6.2</b> | <b>Insitu Material</b> |  |
| Sampled By :      | <b>Matthew Rheinberger</b>       | <b>No Additive</b>     |  |
| Date Sampled :    | <b>30/11/2016</b>                |                        |  |
| Date Tested :     | <b>6/12/2016</b>                 |                        |  |
| Material Type :   | <b>Type 2.5 Roadbase</b>         | Test Number :          |  |
| Material Source : | <b>Hanson - Ferny Grove</b>      | Lot Number :           |  |
| Remarks :         |                                  | Moisture Method :      |  |

|                                        |      |                                           |              |
|----------------------------------------|------|-------------------------------------------|--------------|
| Maximum Size (mm) :                    | 19.0 | Maximum Dry Density (t/m <sup>3</sup> ) : | <b>2.218</b> |
| Oversize Dry (%) :                     |      | Optimum Moisture Content (%) :            | <b>7.8</b>   |
| Oversize Density (t/m <sup>3</sup> ) : |      |                                           |              |

Moisture Density Relationship Graph



× MDR Points      — MDR Line      — SG=2.871 0% voids      - - - SG=2.871 2% voids      - - - SG=2.871 4% voids



Accredited for compliance with ISO/IEC 17025.

APPROVED SIGNATORY

Paul Shaw - Senior Technician  
NATA Accreditation Number  
19460

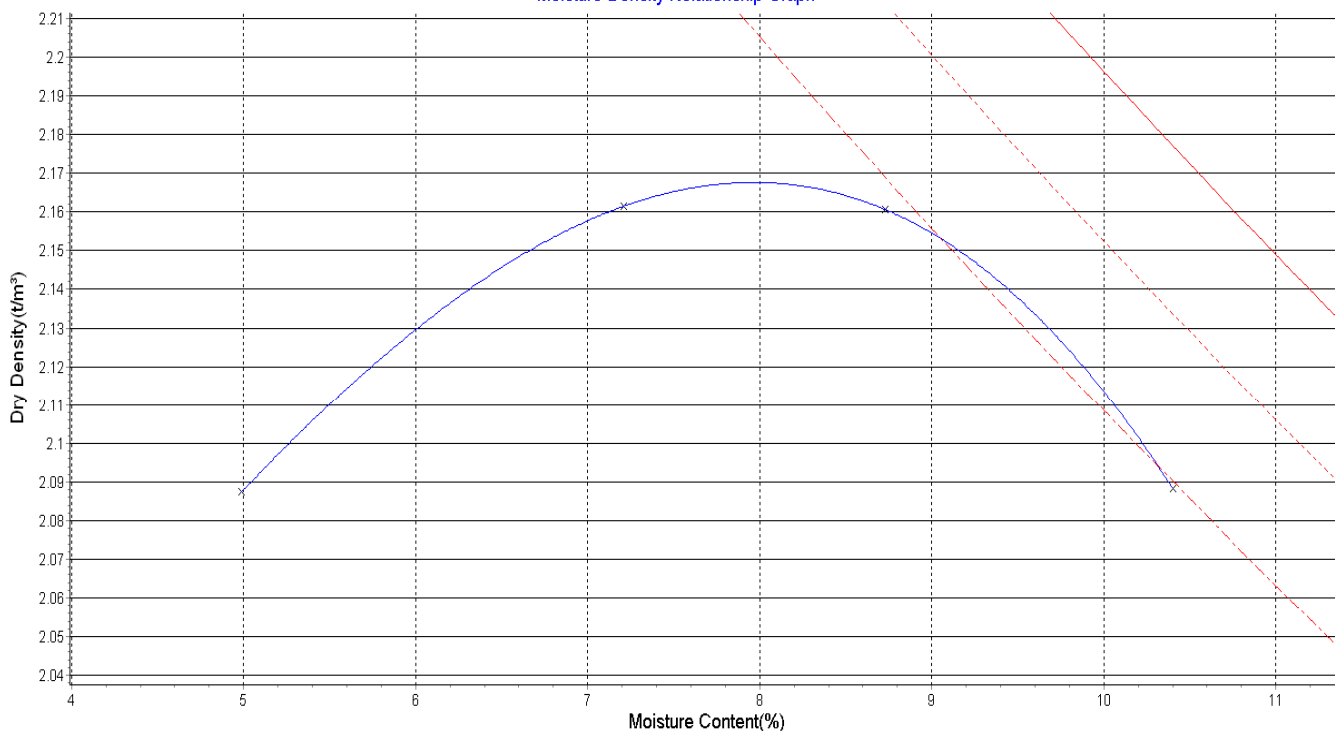
Document Code RF125-7

## Moisture Density Relationship Report

|                  |                                         |                    |                     |
|------------------|-----------------------------------------|--------------------|---------------------|
| Client :         | <b>CONSOLID (COD)</b>                   | Report Number:     | <b>BNS227 - 1/1</b> |
| Address :        | <b>PO Box 595, Cleveland, QLD, 4163</b> | Report Date :      | <b>12/12/2016</b>   |
| Project Name :   | <b>SOIL STABILISATION</b>               | Order Number :     | <b>-</b>            |
| Project Number : | <b>BNS227</b>                           | Test Method :      | <b>Q142A</b>        |
| Location:        | <b>Laboratory Testing , Banyo</b>       | <b>Page 2 of 2</b> |                     |

|                                        |                                  |                                           |              |
|----------------------------------------|----------------------------------|-------------------------------------------|--------------|
| Sample Number :                        | <b>BN11546</b>                   | SAMPLE LOCATION                           |              |
| Sampling Method :                      | <b>AS1289.1.2.1 - Clause 6.2</b> | <b>CONSOILD 2%</b>                        |              |
| Sampled By :                           | <b>Matthew Rheinberger</b>       | <b>With Additive</b>                      |              |
| Date Sampled :                         | <b>30/11/2016</b>                |                                           |              |
| Date Tested :                          | <b>6/12/2016</b>                 |                                           |              |
| Material Type :                        | <b>Type 2.5 Roadbase</b>         | Test Number :                             |              |
| Material Source :                      | <b>Hanson - Ferny Grove</b>      | Lot Number :                              |              |
| Remarks :                              |                                  | Moisture Method :                         | <b>Q102A</b> |
| Maximum Size (mm) :                    | <b>19.0</b>                      | Maximum Dry Density (t/m <sup>3</sup> ) : | <b>2.168</b> |
| Oversize Dry (%) :                     |                                  | Optimum Moisture Content (%) :            | <b>8</b>     |
| Oversize Density (t/m <sup>3</sup> ) : |                                  |                                           |              |

Moisture Density Relationship Graph



× MDR Points      — MDR Line      — SG= 2.814 0% voids      - - - SG= 2.814 2% voids      - - - SG= 2.814 4% voids



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APPROVED SIGNATORY

*Paul Shaw*

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