#### Summary

Table No.	Table Name	Table Description <sup>(1)</sup>	Tab Name
1	Test Metadata <sup>(2a)</sup>	Metadata for every test performed on TfNSW contract	Table 1 – Test metadata
2	Sampling Metadata (2b)	Metadata for sampling	Table 2 – Sampling metadata
3	Audit Trail <sup>(2c)</sup>	Audit trail data for all tests performed on TfNSW contract	Table 3 – Audit trail
4a	Specific Test Data – Field Nuclear Density (TfNSW T173)	TfNSW T173 Field wet density of road construction materials (Nuclear gauge in direct transmission method)	Table 4a – TfNSW T173
4b	Specific Test Data – Compaction Control (TfNSW T120, T162 & T166)	TfNSW T120 Moisture content of road construction materials (Standard method), TfNSW T162 Compaction control test (rapid method) & TfNSW T166 Relative compaction of road construction materials	Table 4b – TfNSW T120, T162 & T166
4c	Specific Test Data – Atterberg Limits (TfNSW T108 & T109)	TfNSW T108 Liquid limit of road construction materials & TfNSW T109 Plastic limit and plasticity index of road construction materials	Table 4c – TfNSW T108 & T109
4d	Specific Test Data – Particle Size Distribution (TfNSW T106)	TfNSW T106 Coarse particle size distribution of road construction materials (by washing)	Table 4d – TfNSW T106
4e	Specific Test Data – California Bearing Ratio (CBR) (TfNSW T111 & T117)	TfNSW T111 Dry density/moisture relationship of road construction materials & TfNSW T117 California bearing ratio of remoulded specimens of road construction material	Table 4e – TfNSW T111 & T117

#### Notes:

- <sup>(1)</sup> TfNSW T... refers to the corresponding TfNSW Test Method.
- <sup>(2)</sup> (a) The metadata requested is for all testing performed for the contract, including tests that have been abandoned.

(b) The metadata requested is for all sampling performed for the contract.

- (c) The data requested is for all changes made to the LIMS data relevant to the contract.
- <sup>(3)</sup> Submit the following in PDF format:
  - External calibration certificate of each nuclear density gauge used for the life of the contract as per TfNSW T173.
  - Test certificates, upon request by TfNSW.

#### Table 1: Test Metadata

Field Name	Definition
Laboratory Name	
Accreditation / Site Number	Laboratory's NATA accreditation number
Contract Number	
Contract Name	TfNSW contract title, e.g. Nowra Bridge, Mona Vale Road East (Manor Road to Foley Street)
Report Number	NATA issued unique test report or test certificate number
Report Issue Date	Date on which the unique test report or test certificate was issued to client/customer
Client Reference Number / Client Sample ID	Client unique sample identification number
Client Test Request Number	
Laboratory Work Request Number	Laboratory's reference number traceable to Client Test Request number
Unique Worksheet ID / Forms ID <sup>(1)</sup>	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Worksheet Name	
Tested By	Name of laboratory technician/laboratory analyst/field technician who performed the analysis or test
Test Start Date	Date on which laboratory technician/laboratory analyst/field technician commenced work on sample (i.e. date when sample was obtained)
Test Completion Date	Date on which laboratory technician/laboratory analyst/field technician completed test and reported test results for authorisation
Test Method Number	Test method reference number e.g. T166 (TS 02795.28), T173 (TS 02795.36)
Checked By	Name of person who performed the check. This can be the same person as person who carried out the test, or an Authorised Signatory, or another person, depending on how work is allocated and completed within a laboratory
Authorised Signatory	Laboratory's appointed signatory as per NATA requirements
Comments and/or Remarks – Worksheet	Any information or observations, sample homogeneity/representivity, etc that is required for accurate interpretation of test results reported
Comments and/or Remarks – Test Report or Test Certificate	Any information or observations, sample homogeneity/representivity, etc that is required for accurate interpretation of test results reported

#### Note:

<sup>(1)</sup> The metadata requested is for all testing performed for the contract, including tests that have been abandoned.

#### Table 2: Sampling Metadata

Field Name	Definition
Laboratory Name	
Accreditation / Site Number	Laboratory's NATA accreditation number
Client Reference Number / Client Sample ID	Client's unique sample identification number
Client Test Request Number	
Laboratory Work Request Number	Laboratory's reference number traceable to Client Test Request Number
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Sampled By	Name of laboratory technician/laboratory analyst/field technician who conducted the sampling
Date Sampled	
Test Method Number	Test method reference number related to sampling e.g. AS 1289.1.2.1, T100 (TS 02794.1)
Material Type / Description	"Material Type" refers to materials such as DGB20, Selected Material, etc. "Material Description" can be soil, gravel, etc
Unique Lot Number	
Lot Location: Start Chainage / GPS Coordinates	
Lot Location: Finish Chainage / GPS Coordinates	
Lot Location: Left-Right Offsets (2) / GPS Coordinates	
Lot Location: Layer Number	
Sample Location: RL	
Sample Location: Chainage / GPS Coordinates	
Sample Location: Offset (2) / GPS Coordinates	

#### Notes:

<sup>(1)</sup> The metadata requested is for all sampling performed for the contract.

<sup>(2)</sup> The "offset" is relative to the Control Line.

#### Table 3: Audit Trail

Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Worksheet Name	Name and/or number given to a worksheet or workbook that is unique for capturing raw data
Field Changed <sup>(2)</sup>	Name of any field that has been amended
Field Changed - Type	Possible types can be "Metadata", "Input", "Calculated values", or "End result"
Original Value	
Original Value entered by	Name of person who captured or recorded the data and test results
Original Date / Time Stamp	Date and time of data entry
New Value	The value that has been validated to be the correct value
Original Value changed by	Name of person who changed the original data
Change Date / Time Stamp	Date and time the change was made
Reason for Change	

#### Notes:

<sup>(1)</sup> The data requested is for all changes made to the LIMS data relevant to the contract.

<sup>(2)</sup> The "Field Changed" details should align with the field names stated in Tables 1 to 4e.

Table 4a: Specific Test Data	- Field Nuclear Density (TfNSW T173)
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Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Time of Test	Time of test, as per TfNSW T173 (referencing AS 1289.5.8.1)
Nuclear Moisture Density Gauge Number	A unique number allocated to nuclear density gauge, as per equipment requirements in AS ISO/IEC 17025
Field Density Standard Count	
Field Moisture Standard Count	
Field Wet Density	
Field Dry Density	
Moisture Content of Soil (from Gauge)	Moisture content value, obtained from nuclear density gauge, as per TfNSW T173
Field Density Count	
Field Moisture Count	
Sample Test Depth	
Nuclear Gauge Calibration Constant A	A nuclear gauge calibration constant, obtained from calibration certificate
Nuclear Gauge Calibration Constant B	A nuclear gauge calibration constant, obtained from calibration certificate
Nuclear Gauge Calibration Constant C	A nuclear gauge calibration constant, obtained from calibration certificate
Nuclear Gauge Calibration Date	Calibration date obtained from calibration certificate
Nuclear Gauge Density Range (Min)	Minimum value of density range which is valid for the nuclear gauge, obtained from calibration certificate
Nuclear Gauge Density Range (Max)	Maximum value of density range which is valid for the nuclear gauge, obtained from calibration certificate

#### Table 4b: Specific Test Data – Compaction Control (TfNSW T120, T162 & T166)

Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Mass of Sample (Field)	Weight of sample (taken from below nuclear gauge and to depth of probe), as per TfNSW T173
Mass of Material Retained (19.0 mm Sieve)	
Percent of Proportion of Material Retained (19.0 mm Sieve)	
Mass of Material Retained (37.5 mm Sieve)	
Percent of Proportion of Material Retained (37.5 mm Sieve)	
Mass of Material Retained (37.5 mm Sieve) in water	
Density of Material Retained (37.5 mm Sieve)	
Container Number (Field)	A unique number allocated to container in which sample is weighed, as per TfNSW T120 (for determining Field Moisture Content, if not previously determined when performing TfNSW T173)
Mass of Container (Field)	
Mass of Container and Wet Soil (Field)	
Mass of Container and Dry Soil (Field)	
Moisture Content of Soil	Moisture content value, determined as per TfNSW T120 (if not previously determined when performing TfNSW T173)
Compaction Applied	This can be "standard" or "modified", as per TfNSW T162
Mould Number (Point 1)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Sub-sample used (Point 1)	
Mass of Water added or removed (Point 1)	
Percent of Water added or removed (Point 1)	
Mass of Mould (Point 1)	
Mass of Compacted Specimen and Mould (Point 1)	
Volume of Mould (Point 1)	
Wet Density (Point 1)	Wet density value for Point 1, calculated as per TfNSW T162
Converted Wet Density (Point 1)	Converted wet density value for Point 1, calculated as per TfNSW T162
Mould Number (Point 2)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Sub-sample used (Point 2)	
Mass of Water added or removed (Point 2)	
Percent of Water added or removed (Point 2)	
Mass of Mould (Point 2)	
Mass of Compacted Specimen and Mould (Point 2)	
Volume of Mould (Point 2)	

Field Name	Definition
Wet Density (Point 2)	Wet density value for Point 2, calculated as per TfNSW T162
Converted Wet Density (Point 2)	Converted wet density value for Point 2, calculated as per TfNSW T162
Mould Number (Point 3)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Sub-sample used (Point 3)	
Mass of water added or removed (Point 3)	
Percent of Water added or removed (Point 3)	
Mass of Mould (Point 3)	
Mass of Compacted Specimen and Mould (Point 3)	
Volume of Mould (Point 3)	
Wet Density (Point 3)	Wet density value for Point 3, calculated as per TfNSW T162
Converted Wet Density (Point 3)	Converted wet density value for Point 3, calculated as per TfNSW T162
Maximum Converted Wet Density	Maximum converted wet density value, calculated as per TfNSW T162
Apparent Moisture Variation	Apparent moisture variation value, calculated as per TfNSW T162
Maximum Moisture Adjustment for any sub-sample	
Optimum Moisture Content (Calculated)	Optimum moisture content value, calculated as per TfNSW T162
Maximum Wet Bulk Density	Maximum wet bulk density value, calculated as per TfNSW T166
Relative Compaction	Relative compaction, calculated as per TfNSW T166. This is also known as Hilf Density Ratio
Lower Limit of Characteristic Q Value for Lot (Calculated) (QL)	Lower limit of characteristic Q value, calculated as per TfNSW Q6
Lower Specification Limit of Characteristic Q Value	Specified minimum characteristic value of relative compaction in TfNSW R44
Moisture Range	This is expressed as the ratio (in percentage) of the field moisture content obtained from TfNSW T120 to the optimum moisture content at standard compactive effort
Lower Specification Limit for Moisture Range	Default lower limit is 60%, but may be modified on a project specific basis, as per TfNSW R44
Upper Specification Limit for Moisture Range	Default upper limit is 90%, but may be modified on a project specific basis, as per TfNSW R44

#### Note:

<sup>(1)</sup> "Point 1", "Point 2" and "Point 3" refers to the three points established as per T162 to determine the maximum converted wet density.

#### Table 4c: Specific Test Data – Atterberg Limits (TfNSW T120, T108 & T109)

Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Start Time of homogeneity mixing and curing	
Finish Time of homogeneity mixing and curing	
Start Date of homogeneity mixing and curing	
Finish Date of homogeneity mixing and curing	
LL Container Number (Point 1)	A unique number allocated to container in which sample is weighed, as per TfNSW T108
LL Mass of Container (Point 1)	
LL Mass of Container and Wet Soil (Point 1)	
LL Mass of Container and Dry Soil (Point 1)	
LL Moisture Content of Soil (Point 1)	
LL Number of Blows (Point 1)	
LL Container Number (Point 2)	A unique number allocated to container in which sample is weighed, as per TfNSW T108
LL Mass of Container (Point 2)	
LL Mass of Container and Wet Soil (Point 2)	
LL Mass of Container and Dry Soil (Point 2)	
LL Moisture Content of Soil (Point 2)	
LL Number of Blows (Point 2)	
LL Container Number (Point 3)	A unique number allocated to container in which sample is weighed, as per TfNSW T108
LL Mass of Container (Point 3)	
LL Mass of Container and Wet Soil (Point 3)	
LL Mass of Container and Dry Soil (Point 3)	
LL Moisture Content of Soil (Point 3)	
LL Number of Blows (Point 3)	
LL Container Number (Point 4)	A unique number allocated to container in which sample is weighed, as per TfNSW T108
LL Mass of Container (Point 4)	
LL Mass of Container and Wet Soil (Point 4)	
LL Mass of Container and Dry Soil (Point 4)	
LL Moisture Content of Soil (Point 4)	
LL Number of Blows (Point 4)	
LL Liquid Limit	Liquid Limit value, calculated as per TfNSW T108
LL Lower Specification Limit (if applicable)	

Field Name	Definition
LL Upper Specification Limit (if applicable)	
PL Container Number (Determination 1)	A unique number allocated to container in which sample is weighed, as per TfNSW T109
PL Mass of Container (Determination 1)	
PL Mass of Container and Wet Soil (Determination 1)	
PL Mass of Container and Dry Soil (Determination 1)	
PL Moisture Content of Soil (Determination 1)	
PL Container Number (Determination 2)	A unique number allocated to container in which sample is weighed, as per TfNSW T109
PL Mass of Container (Determination 2)	
PL Mass of Container and Wet Soil (Determination 2)	
PL Mass of Container and Dry Soil (Determination 2)	
PL Moisture Content of Soil (Determination 2)	
PL Plastic Limit	Plastic Limit value, calculated as per TfNSW T109
PL Lower Specification Limit (if applicable)	
PL Upper Specification Limit (if applicable)	
PI Plasticity Index	Plasticity Index value, calculated as per TfNSW T109
PI Lower Specification Limit	
PI Upper Specification Limit	
Method of Preparation	This can be "natural state", "oven dried - dry sieved", or "air dried - dry sieved", as per TfNSW T109

#### Table 4d: Specific Test Data – Particle Size Distribution (TfNSW T106)

Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Mass Retained 200 mm Sieve	
Percent Passing 200 mm Sieve	
Minimum Specification Limit 200 mm Sieve (Percentage)	
Upper Specification Limit 200 mm Sieve (Percentage)	
Mass Retained 75 mm Sieve	
Percent Passing 75 mm Sieve	
Lower Specification Limit 75 mm Sieve (Percentage)	
Upper Specification Limit 75 mm Sieve (Percentage)	
Mass Retained 63 mm Sieve	
Percent Passing 63 mm Sieve	
Lower Specification Limit 63 mm Sieve (Percentage)	
Upper Specification Limit 63 mm Sieve (Percentage)	
Mass Retained 53 mm Sieve	
Percent Passing 53 mm Sieve	
Lower Specification Limit 53 mm Sieve (Percentage)	
Upper Specification Limit 53 mm Sieve (Percentage)	
Mass Retained 37.5 mm Sieve	
Percent Passing 37.5 mm Sieve	
Lower Specification Limit 37.5 mm Sieve (Percentage)	
Upper Specification Limit 37.5 mm Sieve (Percentage)	
Mass Retained 26.5 mm Sieve	
Percent Passing 26.5 mm Sieve	
Lower Specification Limit 26.5 mm Sieve (Percentage)	
Upper Specification Limit 26.5 mm Sieve (Percentage)	
Mass Retained 19.0 mm Sieve	
Percent Passing 19.0 mm Sieve	
Lower Specification Limit 19.0 mm Sieve (Percentage)	
Upper Specification Limit 19.0 mm Sieve (Percentage)	
Total Dry Mass Passing 19.0 mm Sieve	
Total Dry Mass Sub-sample Passing 19.0 mm Sieve	

Field Name	Definition
Dry Mass Sub-sample Passing 19.0 mm Sieve after Washing over 0.075 mm Sieve	
Mass Retained 13.2 mm Sieve	
Percent Passing 13.2 mm Sieve	
Lower Specification Limit 13.2 mm Sieve (Percentage)	
Upper Specification Limit 13.2 mm Sieve (Percentage)	
Mass Retained 9.5 mm Sieve	
Percent Passing 9.5 mm Sieve	
Lower Specification Limit 9.5 mm Sieve (Percentage)	
Upper Specification Limit 9.5 mm Sieve (Percentage)	
Mass Retained 6.7 mm Sieve	
Percent Passing 6.7 mm Sieve	
Lower Specification Limit 6.7 mm Sieve (Percentage)	
Upper Specification Limit 6.7 mm Sieve (Percentage)	
Mass Retained 4.75 mm Sieve	
Percent Passing 4.75 mm Sieve	
Lower Specification Limit 4.75 mm Sieve (Percentage)	
Upper Specification Limit 4.75 mm Sieve (Percentage)	
Mass Retained 2.36 mm Sieve	
Percent Passing 2.36 mm Sieve	
Lower Specification Limit 2.36 mm Sieve (Percentage)	
Upper Specification Limit 2.36 mm Sieve (Percentage)	
Total Dry Mass Passing 2.36 mm Sieve	
Total Dry Mass Sub-sample Passing 2.36 mm Sieve	
Mass Retained 1.18 mm Sieve	
Percent Passing 1.18 mm Sieve	
Lower Specification Limit 1.18 mm Sieve (Percentage)	
Upper Specification Limit 1.18 mm Sieve (Percentage)	
Mass Retained 0.600 mm Sieve	
Percent Passing 0.600 mm Sieve	
Lower Specification Limit 0.600 mm Sieve (Percentage)	
Upper Specification Limit 0.600 mm Sieve (Percentage)	
Mass Retained 0.425 mm Sieve	

Field Name	Definition
Percent Passing 0.425 mm Sieve	
Lower Specification Limit 0.425 mm Sieve (Percentage)	
Upper Specification Limit 0.425 mm Sieve (Percentage)	
Mass Retained 0.300 mm Sieve	
Percent Passing 0.300 mm Sieve	
Lower Specification Limit 0.300 mm Sieve (Percentage)	
Upper Specification Limit 0.300 mm Sieve (Percentage)	
Mass Retained 0.150 mm Sieve	
Percent Passing 0.150 mm Sieve	
Lower Specification Limit 0.150 mm Sieve (Percentage)	
Upper Specification Limit 0.150 mm Sieve (Percentage)	
Mass Retained 0.075 mm Sieve	
Percent Passing 0.075 mm Sieve	
Lower Specification Limit 0.075 mm Sieve (Percentage)	
Upper Specification Limit 0.075 mm Sieve (Percentage)	

Table 4e: Specific Test Data	- California Bearing Ratio (CBR	) (TfNSW T111, T117 & T120)
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Field Name	Definition
Unique Worksheet ID / Forms ID	LIMS generated unique identification number given to a worksheet or workbook
Unique Sample ID / Specimen ID	Identification number that is unique to a specific sample for which all tests and raw data is traceable to
Compaction Applied	This can be "standard" or "modified", as per TfNSW T111
Mould Number (Point 1)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Mould (Point 1)	
Mass of Mould and Compacted Specimen (Point 1)	
Mould Volume (Point 1)	
Container Number (Point 1)	A unique number allocated to container, as per equipment requirements in AS ISO/IEC 17025
Mass of Container (Point 1)	
Mass of Container and Wet Soil (Point 1)	
Mass of Container and Dry Soil (Point 1)	
Moisture Content of Soil (Point 1)	Moisture content value for Point 1, determined as per TfNSW T120
Dry Density (Point 1)	Dry density value for Point 1, calculated as per TfNSW T111
Mould Number (Point 2)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Mould (Point 2)	
Mass of Mould and Compacted Specimen (Point 2)	
Mould Volume (Point 2)	
Container Number (Point 2)	A unique number allocated to container, as per equipment requirements in AS ISO/IEC 17025
Mass of Container (Point 2)	
Mass of Container and Wet Soil (Point 2)	
Mass of Container and Dry Soil (Point 2)	
Moisture Content of Soil (Point 2)	Moisture content value for Point 2, determined as per TfNSW T120
Dry Density (Point 2)	Dry density value for Point 2, calculated as per TfNSW T111
Mould Number (Point 3)	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
Mass of Mould (Point 3)	
Mass of Mould and Compacted Specimen (Point 3)	
Mould Volume (Point 3)	
Container Number (Point 3)	A unique number allocated to container, as per equipment requirements in AS ISO/IEC 17025
Mass of Container (Point 3)	
Mass of Container and Wet Soil (Point 3)	
Mass of Container and Dry Soil (Point 3)	
Moisture Content of Soil (Point 3)	Moisture content value for Point 3, determined as per TfNSW T120

Field Name	Definition
Dry Density (Point 3)	Dry density value for Point 3, calculated as per TfNSW T111
Maximum Dry Density	Maximum dry density value, calculated as per TfNSW T111
Optimum Moisture Content	Optimum moisture content value, calculated as per TfNSW T111
Container Number (At Placement)	A unique number allocated to container, as per equipment requirements in AS ISO/IEC 17025
Mass of Container (At Placement)	
Mass of Container and Wet Soil (At Placement)	
Mass of Container and Dry Soil (At Placement)	
Moisture Content of Soil (At Placement)	Moisture Content of Soil, determined as per TfNSW T120
Laboratory Moisture Ratio (At Placement)	Laboratory Moisture Ratio, calculated as per TfNSW T117
Lower Specified Limit for Laboratory Moisture Ratio (At Placement)	As specified in TfNSW T117
Upper Specified Limit for Laboratory Moisture Ratio (At Placement)	As specified in TfNSW T117
CBR Mould Number	A unique number allocated to mould, as per equipment requirements in AS ISO/IEC 17025
CBR Effective Volume of Mould	Effective volume, calculated as per TfNSW T117
CBR Mass of Mould and Compacted Specimen	
CBR Mass of Mould	
Dry Density	Dry Density value, calculated as per TfNSW T117
Laboratory Density Ratio (At Placement)	Laboratory Density Ratio value, calculated as per TfNSW T117
Lower Specified Limit for Laboratory Density Ratio (At Placement)	As specified in TfNSW T117
Upper Specified Limit for Laboratory Density Ratio (At Placement)	As specified in TfNSW T117
Surcharge (kg)	
Soaking Period (days)	This may be "unsoaked", "4 days", or "10 days"
Initial Displacement Reading for Swell	
Final Displacement Reading for Swell (after Soaking Period)	
Swell (Percent)	Swell value, calculated as per TfNSW T117
Seating Load	
Load at 0.0 mm Penetration	
Load at 0.5 mm Penetration	
Load at 1.0 mm Penetration	
Load at 1.5 mm Penetration	

Field Name	Definition
Load at 2.0 mm Penetration	
Load at 2.5 mm Penetration	
Load at 3.0 mm Penetration	
Load at 4.0 mm Penetration	
Load at 5.0 mm Penetration	
Load at 7.5 mm Penetration	
Load at 10.0 mm Penetration	
Load at 12.5 mm Penetration	
Correction Value Applied (mm)	Correction applied to penetration, as per T117
CBR Value at 2.5 mm Penetration	CBR value corresponding to 2.5 mm penetration (after correction applied), calculated as per TfNSW T117
CBR Value at 5.0 mm Penetration	CBR value corresponding to 5.0 mm penetration (after correction applied), calculated as per TfNSW T117
CBR Value Adopted	CBR value adopted, taken as the greater of the CBR value at either 2.5 mm or 5 mm penetration
Lower Limit of Characteristic Q Value for Lot (Calculated) (QL) (if applicable)	Lower limit of characteristic Q value, calculated as per TfNSW Q6
CBR Lower Specification Limit	As per relevant specification requirements
Moisture Content of Soil (Top 30 mm)	Moisture content value, determined as per TfNSW T120, using only top 30 mm of specimen
Moisture Content of Soil (Entire Specimen)	Moisture content value, determined as per TfNSW T120, using entire specimen

#### Notes:

<sup>(1)</sup> "Point 1", "Point 2" and "Point 3" refers to the three points established as per T111 to determine the maximum dry density and optimum moisture content.

<sup>(2)</sup> "At Placement" refers to the time of placement inside the mould.