Chembase-University Reports Summary

University Reports

"It cost you nothing to find out how much you can save $$$"

Lab Testing Australian Standard

Sydney University

UNSW University

Douglas Partners Reports

Construction Sciences

ARRB / NTRO

Other Related Reports

Award Chemicals

Formulated for quality

GAUGE Industrial & Environmental

ATPAVE

Chembase International Group Pty Ltd ABN 98 660 823 316

University Tests & Reports

All Tests & Reports

Our products have undergone extensive Research and Development and testing in partnership with the University of Sydney and the University of New South Wales, Douglas Partners, specializing in geotechnical engineering, Gauge Industrial and Environmental, Award chemicals, as well as our internal team of experts. Our internal Research and Development tests have demonstrated the product's effectiveness for roads on a variety of testing environments and soil surfaces.

All Tests & Reports

Laboratory Testing Australian Standard

A — Australian Geotech Testing – Australian Standard – PDF Files

Chembase Soil Testing manual	
A1	Geotech Testing- AGT Level 1 Compaction Report
A2	AS 1289.2.1.6 2005
A3	AS 1289.3.1.2 2009
A4	AS 1289.3.3.1 2009
A5	AS 1289.3.6.1 2009
A6	AS 1289.3.6.3 2020 B
A7	AS 1289.4.3.1 2021
A9	AS 5101-5- 2008
A10	AS 1289.3.6.3 2020
A11	AS 1289.5.1.1 2017
A12	AS 1289- 6-1-1- 2014
A13	AS 1289-6-1-1- 2014

B — Australian Geotech Testing – Australian Standard – Videos Laboratory Test Guide

Australian Standard – Videos Laboratory Test Guide
B1 – B28

C — Australian Geotech Testing – Australian Standard – Related Files

C1	Chembase Soil Testing Manual
C2	Chembase Soil Test Guide
C3	Chembase Use Design Guide Rev. B2 14-09-2026

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University of Sydney Reports

Chembase Sydney University Full report August 2020 54Pages

1. University of Sydney Introduction, Clay & Properties
2. University of Sydney Additives-Material and Effects
3. University of Sydney Important Factors
4. University of Sydney Soil Replacement by Recycled Crushed Glass
5. University of Sydney Soil Replacement by Shredded Plastic
6. University of Sydney Effects of Wet-Dry Cycles of Chembase Stabilised Clay
7. University of Sydney Effects of Freeze-Thaw Cycles
8. University of Sydney Microscopic Studies
9. University of Sydney Dust Suppression Investigation

- APPENDIX A University of Sydney Triaxial Test Results
- APPENDIX B Sydney University CBR Test
- APPENDIX C Sydney University CBR Test Details on Soil Sent from Douglas Partners

Other Sydney University Reports

B	Sydney-University-Additives-Material-and-Effects
C	Sydney-University-Report-Gorricks-Lane-21-12-2023
D	Sydney-University-Rubber-Oil-Petroleum-Report-S1700
E	Chembase Soil Testing manual
F	Sydney Uni. - Summary Report 3P

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University of NSW Report

- B **UNSW University Full Report 25th September 2020** 47Pages
- B **UNSW University Full Report 24th June 2021** 64Pages
- C **UNSW University Report 24 June 2021** 50Pages
- D UNSW Uni. Report for Shredded Plastic and Crushed Glass, CBR-Sea Water, Ash Waste -01-06-22 18P
- E UNSW Uni. Effects of freeze then thaw 9P
- F UNSW Uni. Summary Report 170421 6P
- G UNSW Uni. Summary Report v0.1 3P

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Douglas Partners Report

A Douglas Part. CBR Reports 2019-22

A-1a	Douglas Part. CBR Report Douglas Part. 11-11-19 P4
A-1a	Douglas Part. CBR reports 23-07-19 P5
A-1a	Douglas Part. CBR Results with sandy clay 29-10-19 P7
A-1a	Douglas Part. Yanderra CBR Report 09-12-19 v1 P4
A-1b	Douglas Part. Yanderra CBR Report 09-12-19 v2 P3
A-2a	Douglas Part. Camden CBR Report 14-12-20 P3
A-2b	Douglas Part. Camden Material Test Report 08-02-21 P1
A-2c	Douglas Part. Camden Material Test Report 23-04-21 P1
A-2d	Douglas Part. Camden Material Test Report 12-07-21 P1
A-3a	Douglas Part. Peats Ridge CBR Report 16-03-21
A-3b	Douglas Part. Port Douglas Material Test Report 12-07-21 P2
A-4a	Douglas Part. Port Douglas Material Test Report 04-08-21 P1
A-4b	Douglas Part. Port Douglas Material Test Report 09-08-21 P2
A-5a	Douglas-Part. Middle Dural CBR-Report-29-07-21 v1 P3
A-5a	Douglas-Part. Middle Dural CBR-Report-29-07-21 v2 P3
A-5b	Douglas-Part. Middle Dural CBR-Report-30--07-21
A-6a	Douglas Part. Norseman WA CBR Report 19-01-21
A-6b	Douglas-Part. WA CBR-Report 12-07-21 P1
A-7a	Douglas Part. Tamworth CBR Report. 31-03-21 P2
A-7b	Douglas-Part. WA CBR-Report 22-07-21 P2
A-7c	Douglas-Part. WA CBR-Report 30-07-21 v1 P3
A-7c	Douglas-Part. WA CBR-Report 30-07-21 v2 P3
A-7d	Douglas-Part-Peats-Ridge NSW-Test-Result-01-06-21 P2

Douglas Partners Report

B Douglas Part. ARRB Requested Reports 10-07-23

B-1	Douglas Part. ARRB Material Soil Test Report 27-10-22 P4
B-2	Douglas Part. ARRB Material Soil Test Report 25-10-22 P15
B-3	Douglas Part. ARRB Material Soil Test Report 25-07-22 P1
B-4	Douglas Part. ARRB Raw Data Test Report 25-07-22 P1
B-5	Douglas Part. ARRB Material Soil Test Report 25-10-22 P77
B-6a	Douglas Part. ARRB Atterberg FMC Report 02-11-20 P1
B-6b	Douglas Part. ARRB Atterberg FMC Report 09-06-22 P7
B-7	Doulas Part. 4 ARRB Lime Demand Test 24-01-23 3P
B-8	Douglas Part. ARRB Weathering 27.10.2020 (R 1% Lime 0.30% Chembase) 12-09-22
B-9	Douglas Part. ARRB Weathering 27.10.2020 (F 2% Lime Only) 12-09-22
B-10	Douglas Part. ARRB Weathering 27.10.2020 (I 2% Lime 0.12% Chembase) 12-09-22
B-11	Douglas Part. ARRB Weathering 27.10.2020 (L 2% Lime 0.24% Chembase) 12-09-22
B-12	Douglas Part. ARRB Weathering 27.10.2020 (O 3% Lime 0.18% Chembase) 12-09-22

Douglas Partners Report

C Douglas Part. ARRB Gorricks Lane Test Reports

C-1a	Douglas Part. ARRB Gorrick's lane Douglas work orders 27-11-23 P2
C-1b	Gorricks Lane, Traffic Flow Report 28-11-23 P2
C-1c	Douglas Part. ARRB Gorricks Lane Material Test Issuea1 12-12-23 P1
C-1d	Douglas Part. ARRB Gorricks Lane, Material Test Report 23-12-23 P6
C-1e	Douglas Part. ARRB Middle Dural PDS CBR Report 29-07-21 P3
C-1f	Douglas Part. ARRB Middle Dural Material Test Report 28-11-23 P6
C-1g	Douglas Part. ARRB Middle Dural Issue 2 tests incl. UCS 05-12-23 P11
C-2	Gorricks Lane, Material Test Report 12-01-24 P1
C-3a	Douglas Part. ARRB Gorricks Lane Draft Plans 12-01-24 P1
C-3d	Douglas Part. ARRB Gorricks Lane, Material Test 16-01-24 P8

D Douglas Part. NT CBR Reports 20-06-23

D-1	Douglas Part. Arafura NT Issue 1 - CBR 200 Lab Report 22-6-23 P2
D-2	Douglas Part. Arafura NT Issue 2 - CBR 230 Lab Report 22-6-23 P4
D-3	Douglas Part. Arafura NT Issue 3 - CBR 250 Lab Report 22-6-23 P4
D-4	Douglas Part. Arafura NT Issue 4 - CBR 240 Lab Report 22-6-23 P4
D-5	Douglas Part. Arafura NT Permeability & Clay Test Report 14-09-23 P6

Douglas Partners Report

E Douglas Partners Middle Dural 2023-24

E-MD1	Douglas Part. ARRB Middle Dural PDS CBR Report 29-07-21 P3
E-MD2	Douglas Part. ARRB Middle Dural Material Test Report 28-11-23 P6
E-MD3	Douglas Part. ARRB Middle Dural Issue 2 tests incl. UCS 05-12-23 P11

G Douglas Partners Lismore Road Trial July 2026

G1-	Douglas Part. ARRB Lismore 7 Days Reports
G1-	Douglas Part. ARRB Lismore 28 Days Reports
G1-	Douglas Part. ARRB Lismore 3 Months Reports

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F Douglas Partners Gorricks Lane 2023-24

F-1a	Douglas Part. ARRB Gorricks Lane, Douglas work orders 27-11-23 P2
F-1b	Gorricks Lane, Traffic Flow Report 28-11-23 P2
F-1c	Douglas Part. ARRB Gorricks Lane, Material Test Issuea1 12-12-23 P1
F-1d	Douglas Part. ARRB Gorricks Lane, Material Test Report 23-12-23 P6
F-2a	Douglas Part. ARRB Gorricks Lane, Draft Plans 12-01-24 P1
F-2b	Douglas Part. ARRB Gorricks Lane, Material Test Report 12-01-24 P1
F-2c	Douglas Part. ARRB Gorricks Lane, Material Test 16-01-24 P8

Construction Science Reports ARRB / NTRO

A

Capillary Rise Reports

B

California Bearing Ratio CBR Reports

C

Atterberg Reports

D

Unconfined Compressive Strength UCS Reports

Construction Sciences

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Gauge Ind. & Environmental

- **A** Gauge Industrial Camden Herb Farm Case Study March 2022
- **B** Gauge Industrial Gorricks Lane Study Report v1.0
- **C** Gauge Industrial Carinda Road first visit 08-10-21
- **D** Gauge Industrial Environmental Statement Jan. 2021
- **E** Gauge Industrial Statement of Support Feb. 2020
- **F** Camden Road Trial at Camden 16 Jan 2021
- **G** Camden Trial Notes Observations Jan 2021
- **H** Middle-Dural-NSW-Chembase-Road-Trial-01-Feb-2022
- **I** Peats-Ridge-NSW-Trial-Test-Report-v1.0-21-August-2021
- **J** Gauge Industrial - Chembase ARRB TIPES March 2022

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A **ARRB-NTRO** Phase II progress Tests & Reports

B **ABBR-NTRO** Phase II Requested Tests and Reports 2023-2024

C **ARRB-NTRO** Phase III progress Tests & Reports

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ATPAVE

Chembase User Design Guide Rev. B2
14-09-2026

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University Reports -Summary

- **A** Brief Uni. Reports & Summaries
- **B** UNSW Uni. Summary Report
- **C** UNSW Uni. Draft Progress Report 15 June 2020
- **D** UNSW Uni. Liquefaction Test Result EMAILS Dating from 25th Aug. 2020
- **E** UNSW Uni. CBR Summary Report 17-05-21 6P
- **F** UNSW Summary Report 17-05-21 6P
- **G** Canada Laboratory Correspondence

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Other Related Reports

Maintains Ecological Balance

Maintains Ecological Balance

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SDS (Safety Data Sheets)

Chembase Polymer Stabiliser SDS July 2025

Chembase Activator SDS July 2025

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CTS – Chembase Environmental Statement

CTS - Gauge Industrial Environmental Statement

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CTS - Chembase Statement of Support

CTS - Gauge Industrial Statement of Support Feb. 2020

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Chembase International Group FAQs1

A1. CIGroup CTS FAQ’s

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CIGroup Soil Test Guide

Chembase Soil Test Guide on Field Sampling

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Further Reading

Chembase Technical Information

CTS - Technical Information

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Chembase References

CTS References

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Other Related Reading Folders: 1 - 18

1	Road Statistic	7	Wind Farm Roads	13	Freezing Conditions
2	Soil Stabilisation	8	Farms & Cattle Feed Lots	14	Salt
3	Road Construction Costs	9	Drill Rigs	15	Dust Suppression
4	EPA	10	Mines	16	Brick Manufacture
5	Construction Foundations	11	Liquefaction	17	Sand
6	Reservoir & Dams	12	Recycling Type	18	Lime Road Construction

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CTS Research & Development

Chembase Completed R&D

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Chembase Current R&D

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Chembase Future R&D (Coming Soon)

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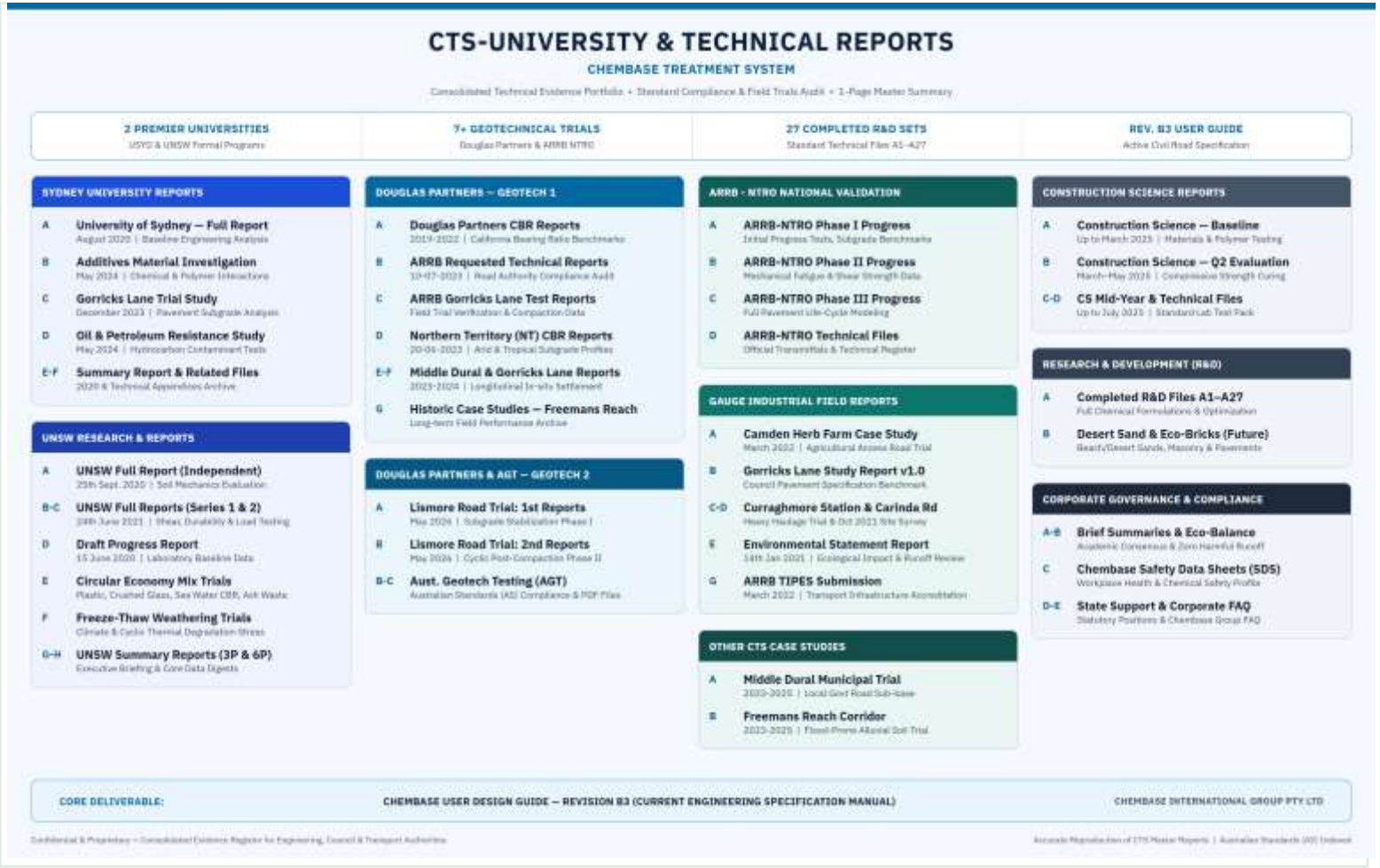
CTS – University Reports Chart



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https://chembase.com.au/university-tests-reports/

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