

#### **TEST REPORT**

CLIENT NAME		ECONROAD ASIA PTE LTD
ADDRESS	ŝ	28, GENTING LANE, # 09-07, PLATINUM 28
		SINGAPORE 349585
ATTENTION TO		MR. SURIA LIM
TEL NO	:	6846 8455
FAX NO	:	6842 0438
ACCOUNT	:	ECONROAD ASIA PTE LTD
CHARGEABLE TO		
PROJECT CODE		D0345
PROJECT TITLE	:	GENERAL TESTING
SUBJECT	÷	DETERMINATION OF THE CALIFORNIA BEARING RATIO (CBR)
		BS 1377-4: 1990: 7
TEST STANDARD	:	BS 1377-4. 1990. 7
JOB REF.	1	ADM/13/3196(2)
SAMPLE REFERENCE	:	ORIGINAL SOIL (0%)
DATE RECEIVED	÷	15-Jul-2013
DATE OF REPORT	ŧ	30-Jul-2013
TOTAL PAGES		2 (INCLUDING COVER PAGE)



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 LABORATORY
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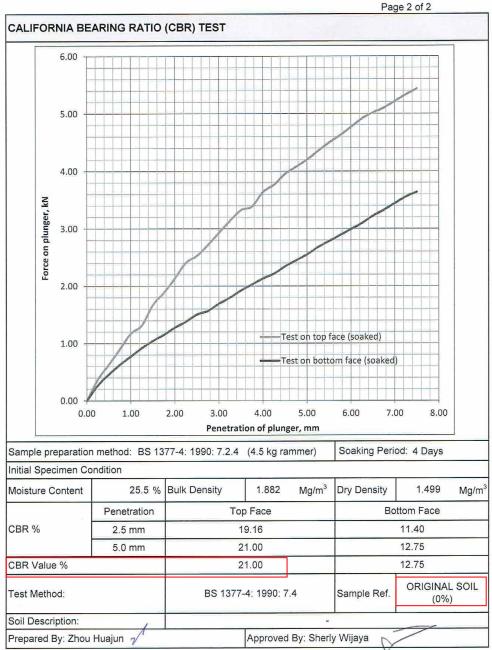
## ADMATERIALS TECHNOLOGIES PTE LTD

 58 Sungei Kadut Loop Singapore 729501
 Co. Reg. No.: 200805959C

 Tel: (65) 6362 9066
 Fax: (65) 6362 2080
 Website: www.admaterials.com.sg



JOB REF: ADM/13/3196(2)





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JOB REF.	ADM/13/3196(3)	
JOB REF.		
JOB REF. SAMPLE REFERENCE	ADM/13/3196(3) ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT	
JOB REF.	ADM/13/3196(3) ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT 15-Jul-2013	
JOB REF. SAMPLE REFERENCE DATE RECEIVED	ADM/13/3196(3) ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT 15-Jul-2013	
JOB REF. SAMPLE REFERENCE DATE RECEIVED	ADM/13/3196(3) ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT 15-Jul-2013	



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 of accreditation under the singapore Accreditation
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 Council - Singapore Laboratory Accreditation Scheme
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Page 2 of 2 CALIFORNIA BEARING RATIO (CBR) TEST 30.00 25.00 20.00 Š Force on plunger, 15.00 10.00 Test on top face (soaked) 5.00 Test on bottom face (soaked) 0.00 5.00 6.00 7.00 8.00 0.00 1.00 2.00 3.00 4.00 Penetration of plunger, mm Soaking Period: 4 Days Sample preparation method: BS 1377-4: 1990: 7.2.4 (4.5 kg rammer) Initial Specimen Condition Mg/m<sup>3</sup> 25.5 % Bulk Density 1.904 Dry Density 1.518 Moisture Content Mg/m<sup>3</sup> Top Face Bottom Face Penetration CBR % 2.5 mm 85.50 162.29 122.79 103.46 5.0 mm 162.29 CBR Value % 103.46 **ORIGINAL SOIL** WITH 3% TERRA Test Method: BS 1377-4: 1990: 7.4 Sample Ref. FIRMA SOIL Soil Description: Approved By: Sherly Wijaya Prepared By: Zhou Huajun 🥠 A



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FAX NO	:	6842 0438
ACCOUNT	1	ECONROAD ASIA PTE LTD
CHARGEABLE TO		
PROJECT CODE	:	D0345
PROJECT TITLE	:	GENERAL TESTING
SUBJECT &	;	COMPACTION TEST (DRY DENSITY/MOISTURE CONTENT)
SUBJECT & TEST STANDARDS	:	COMPACTION TEST (DRY DENSITY/MOISTURE CONTENT) ASTM D1557 - 02
TEST STANDARDS		ASTM D1557 - 02
Contraction of the	•••	ASTM D1557 - 02
TEST STANDARDS	:	ASTM D1557 - 02 ADM/13/3196(1)
TEST STANDARDS JOB REF. CLIENT SAMPLE REF.	:	ASTM D1557 - 02 ADM/13/3196(1) INA 13/006
TEST STANDARDS	:	ASTM D1557 - 02 ADM/13/3196(1)
TEST STANDARDS JOB REF. CLIENT SAMPLE REF.	:	ASTM D1557 - 02 ADM/13/3196(1) INA 13/006
TEST STANDARDS JOB REF. CLIENT SAMPLE REF. SAMPLE REFERENCE	:	ASTM D1557 - 02 ADM/13/3196(1) INA 13/006 ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT
TEST STANDARDS JOB REF. CLIENT SAMPLE REF. SAMPLE REFERENCE DATE RECEIVED	: : : :	ASTM D1557 - 02 ADM/13/3196(1) INA 13/006 ORIGINAL SOIL WITH 3% TERRA FIRMA SOIL STABILIZER AGENT 15-Jul-2013

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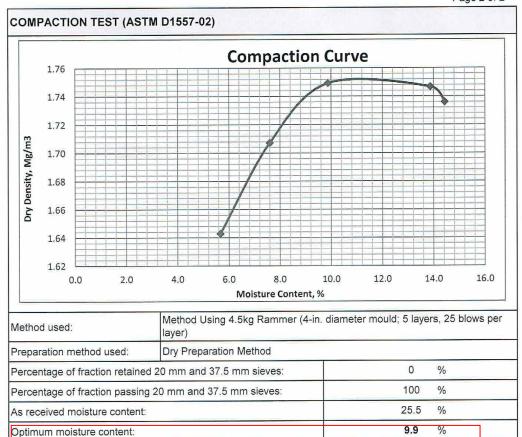
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JOB REF: ADM/13/3196(1) Page 2 of 2



PREPARED BY:

Soil description:

Test Method:

Maximum dry density:

Location:

Greyish Sandy Sand

ASTM D1557 - 02

ZHOU HUA JUN Engineer

APPROVED BY:

Depth excavated

Job ref. Test no.

Sample no.

Date of test

1.75

Mg/m<sup>3</sup>

ADM/13/3196(1)

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-

-

17/7/2013

SHERLY WIJAYA Senior Laboratory Manager

# Site Photo



Existing Shipyard



60-toner Crawler



Delivered TF at Site



Existing soil becomes