

ADMATERIALS TECHNOLOGIES PTE LTD

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TEST REPORT

CLIENT NAME : ECOROAD (M) SDN BHD
ADDRESS : NO. T131, JALAN LENGKONGAN 81000 KULAI JOHOR
MALAYSIA

ATTENTION TO : MR. JAMES YONG
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ACCOUNT CHARGEABLE TO : ECOROAD (M) SDN BHD

PROJECT CODE : D0085
PROJECT TITLE : GENERAL TESTING

SUBJECT & TEST STANDARDS : DETERMINATION OF UNCONFINED COMPRESSIVE STRENGTH
BS 1377-7: 1990, SECTION 7

JOB REF. : ADM/12/3068

CLIENT SAMPLE REF. : 1) IRON MINING TEMANGAN KELANTAN SAMPLE WITH ECR SOIL
STABILIZER AGENT 0%
2) IRON MINING TEMANGAN KELANTAN SAMPLE WITH ECR SOIL
STABILIZER AGENT 3.5%

DATE RECEIVED : 12-Jun-2012
DATE OF REPORT : 25-Jun-2012
AGE OF SAMPLE : 7 Days

TOTAL PAGES : 3 (including cover page)



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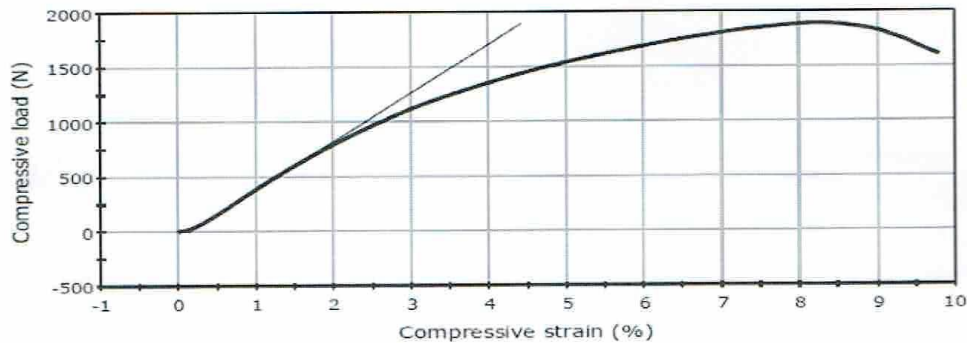


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DETERMINATION OF UNCONFINED COMPRESSIVE STRENGTH

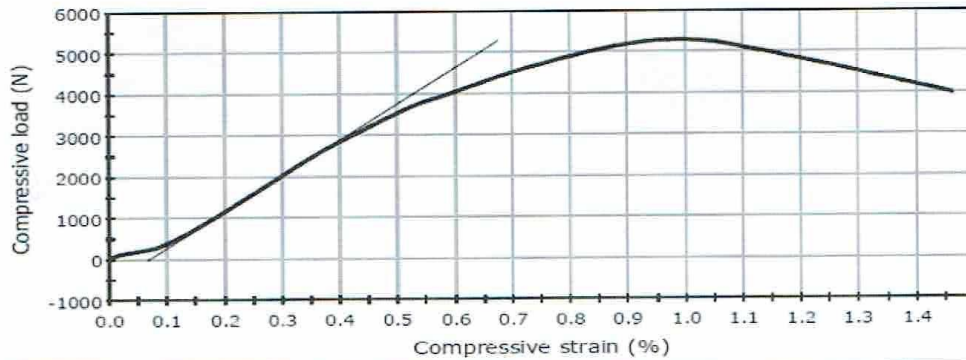
Graph 1



Type of specimen: Undisturbed		Nominal diameter: 76 mm	
Specimen details		Initially	After test
Diameter	D mm	75.59	Mass g
Area	A ₀ mm ²	4485	1357.9
Length	L ₀ mm	151.90	
Volume	cm ³	681	
Mass	g	1360.0	Elastic Modulus (Mpa)
Density	Mg/m ³	2.00	9.8
Maximum axial load		1891.11	N
Axial strain at failure		8.3	%
Unconfined compressive strength q _u		0.39	mPa
Sample no.	IRON MINING TEMANGAN KELANTAN SAMPLE WITH ECR SOIL STABILIZER AGENT 0%		
Soil Description:	Brown Clayey Soil		
Project Description:	GENERAL TESTING		
Test Method:	BS 1377-7: 1990: 7		
Prepared By:	Norhashikin Bte M.Norman	Approved By:	Sherly Wijaya

DETERMINATION OF UNCONFINED COMPRESSIVE STRENGTH

Graph 1



Type of specimen: Undisturbed		Nominal diameter: 76 mm	
Specimen details		Initially	After test
Diameter	D mm	75.53	Mass g
Area	A_0 mm ²	4478	1324.1
Length	L_0 mm	152.00	
Volume	cm ³	681	
Mass	g	1326.3	Elastic Modulus (Mpa)
Density	Mg/m ³	1.95	193.9
Maximum axial load		5297.46	N
Axial strain at failure		1.0	%
Unconfined compressive strength q_u		1.17	mPa
Sample no.	IRON MINING TEMANGAN KELANTAN SAMPLE WITH ECR SOIL STABILIZER AGENT 3.5%		
Soil Description:	Brown Clayey Soil with ECR Soil Stabilizer Agent		
Project Description:	GENERAL TESTING		
Test Method:	BS 1377-7: 1990: 7		
Prepared By:	Norhashikin Bte M.Norman	Approved By:	Sherly Wijaya