



# Euro Engineering Enterprises

**ISO 9001 : 2008 Certified**  
(Perfection in Testing & Calibration)

ISSUED TO:  
**Mr. AMAR JEET SINGH**

109, Narang Colony  
Janakpuri New Delhi-110058

Report No: 00597

Report Date: 31.05.2013

Sample received on: 22.05.2013

Sampled By: Customer

Sample description: Soil (Find the Comparative CBR with Cement and TF)

## Test Report

Sl.No	Properties	Test Method	Test Results
01	Free swell index	IS:2720 (Part-40)	30 %
02	Liquid limit		42 %
03	Plastic Limit	IS: 2720 (part-5)	24 %
04	Plasticity Index		18
05	Maximum Dry Density	IS: 2720 (part-8)	1.820 gm/cc
06	Optimum Moisture Content		13.71 %
07	Un Soaked CBR		17 %
08	Soaked CBR		1.5 %
09	Soaked CBR With 3% TF	IS: 2720 (part-16)	40 %
10	Soaked CBR With 6% TF		88 %
11	Soaked CBR With 3% Cement		34 %
12	Grain Size Analysis		
	Gravel	IS: 2720 (part-4)	0.92%
	Sand		8.75%
	Silt and Clay		90.33%

Authorized



- The results indicated only refer to the tested samples and listed parameters and do not endorse any product.
- Total liability of the laboratory is limited to the invoiced amount.
- This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after four weeks from the date of issue of the certificate unless specified otherwise.
- This certificate shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

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# NATIONAL TESTING LABORATORY

B-265, Mangolpuri Industrial Area, Phase-I, Delhi-110083  
Ph. : 011-32469295, 27912990-93 (4 Lines), Tel/fax : 011-27912993  
Email: ntidelhi@yahoo.co.in, Visit us: www.nationaltestinglaboratory.net



## TEST-REPORT

**Issued to:**

Mr. A.S. Sobti  
Terra Firma (Soil Stabilizer)  
109, Narang Colony,  
Janakpuri, New Delhi.

**Report No.:-** 130627GEN151022

**Date of Report:-** 03/07/2013

**Your Ref. No:** Nil

**Date of Receipt:-** 27/06/2013

**Sample Description:-** Soil [Sample No.-1]

<u>S.No.</u>	<u>Test</u>	<u>Test Method</u>	<u>Test Result</u>
1.	CBR Value, % (96 Hrs. Soaked Condition) (Without Chemical)	IS 2720 (P-XVI):1987 Ref. 2007	4.56

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GS

*[Signature]*  
**Lab Incharge**

N. MISHRA  
Director Tech.

*[Signature]*  
**Authorised Signatory**

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
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- (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
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- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.



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T-1544 / T-1545 / T-1743

F.No. FO1 (5.10)

Issued to:  
Mr. A.S. Sobti  
Terra Firma (Soil Stabilizer)  
109, Narang Colony,  
Janakpuri, New Delhi.

## TEST-REPORT

Report No.:- 130702CV1117606  
Date of Report:- 09/07/2013  
Your Ref. No: Nil  
Date of Receipt:- 02/07/2013

Sample Description:- Soil

<u>S.No. Test</u>	<u>Test Method</u>	<u>Test Result</u>
1. CBR Value, % (96 Hrs. Soaked Condition) (With 6% Chemicals)	IS 2720 (P-XVI):1987 Ref. 2007	75.7

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**Lab Incharge**

**C. N. Mishra**  
**Director Test**  
  
**Authorised Signatory**

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T-1564 / T-1545 / T-1743  
F.No. FO1 (5.10)

## TEST-REPORT

Issued to:  
Mr. A.S. Sobti  
Terra Firma (Soil Stabilizer)  
109, Narain Colony,  
Janakpuri, New Delhi-110058

Report No.:- 130709GEN151272  
Date of Report:- 15/07/2013  
Your Ref. No: Nil  
Date of Receipt:- 09/07/2013

Sample Description:- Soil

<u>S.No.Test</u>	<u>Test Method</u>	<u>Test Result</u>
1. CBR Value. % (96 Hrs. Soaked Condition) (With 3% Chemicals)	IS 2720 (P-XVI):1987 Ref. 2007	53.9

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Lab Incharge

C. N. MISHRA  
Director  
Authorised Signatory

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INTERNATIONAL ISO 9001:2008 RECOGNISED LABORATORY



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T-1544 / T-1545 / T-1743

F.No. FO1 (5.10)

## TEST-REPORT

**Issued to:**

Mr. A.S. Sobti  
Terra Firma (Soil Stabilizer)  
109, Narang Colony,  
Janakpuri, New Delhi-110058

Report No.:- 130709GEN151273

Date of Report:- 15/07/2013

Your Ref. No: Nil

Date of Receipt:- 09/07/2013

Sample Description:- GSB

<u>S.No.</u> / <u>Test</u>	<u>Test Method</u>	<u>Test Result</u>
1. CBR Value, % (96 Hrs. Soaked Condition) (With 3% Chemicals) CGSB - 217 CBR)	IS 2720 (P-XVI):1987 Reff. 2007	134.0

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**Lab Incharge**

**C. N. MISHRA**  
*C. N. Mishra*  
**Authorised Signatory**

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