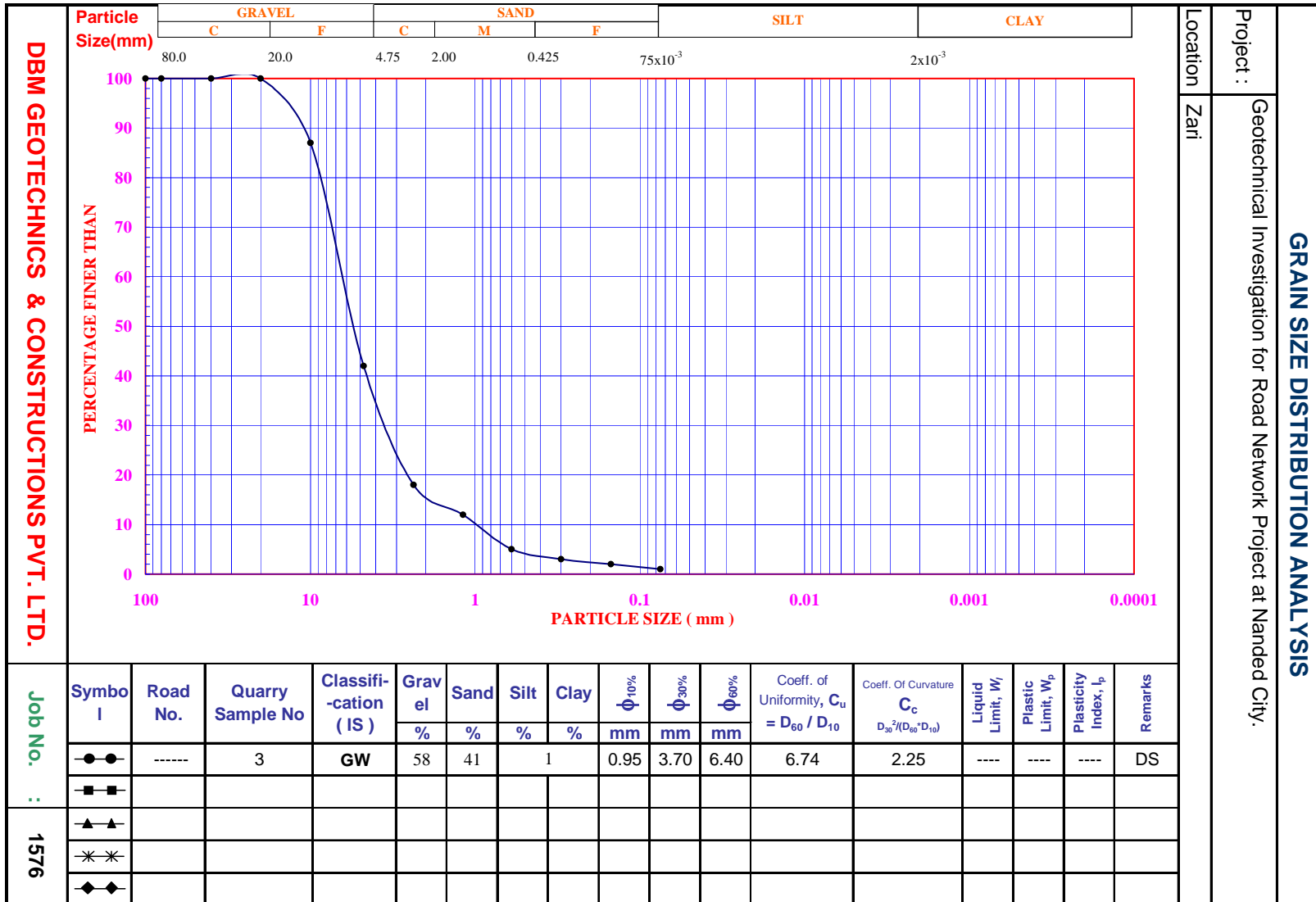




SOIL TEST DATA SHEET																						
Project : Geotechnical Investigation for Road Network Project at Nanded City.																			FLB 04			
Location : Shikhachiwadi																			DATE: 09.06.2006			
Road No.	Quarry Sample No	Sample Type UD / D	Modified Proctor Test		Soil Classification (I.S)	Mechanical Analysis				Consistency Limits			Shear Strength Test			Energy for CBR	Lab.CBR Test Unsoaked		Lab.CBR Test Soaked		Specific Gravity	Remarks
			MDD gm/cc	OMC %		Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index, I <sub>p</sub> %	Type	Cohesion C <sub>u</sub> kg/cm <sup>2</sup>	Degree $\phi$		Penetration at 2.5 mm in %	Penetration at 5 mm in %	Penetration at 2.5 mm in %	Penetration at 5 mm in %		
---	6	DS	1.96	10.5	GW	67	30	3	----	----	----	----	----	----	----	23.16	21.22	20.785	19.400	----		
CHEM : Chemical Analysis			Tuu : Triaxial Test ( Unconsolidated Undrained )				SP : Swelling Pressure or Swelling Potential Test					$\phi$ : Angle of Internal Friction										
COMP : Compaction Test			Tcu : Triaxial Test ( Consolidated Undrained )				SPT : Standard Penetration Test Sample					Cc : Undrained Cohesion										
DS : Direct Shear			Tcd : Triaxial Test ( Consolidated Drained )				UDS : Undisturbed Soil Sample					$\phi'$ : Effective Angle of Internal Friction										
K : Permeability Test			NP : Non Plastic				VL : Laboratory Vane Shear Test					Cc' : Effective Cohesion										
FSI : Free Swell Test			SL : Shrikage Limit Test				UC : Unconfined Compression Test					-----> : Combined Silt + Clay										
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD.</b>																	Job. No. :		<b>1576</b>			



**GRAIN SIZE DISTRIBUTION ANALYSIS**

Project : Geotechnical Investigation for Road Network Project at Nanded City.

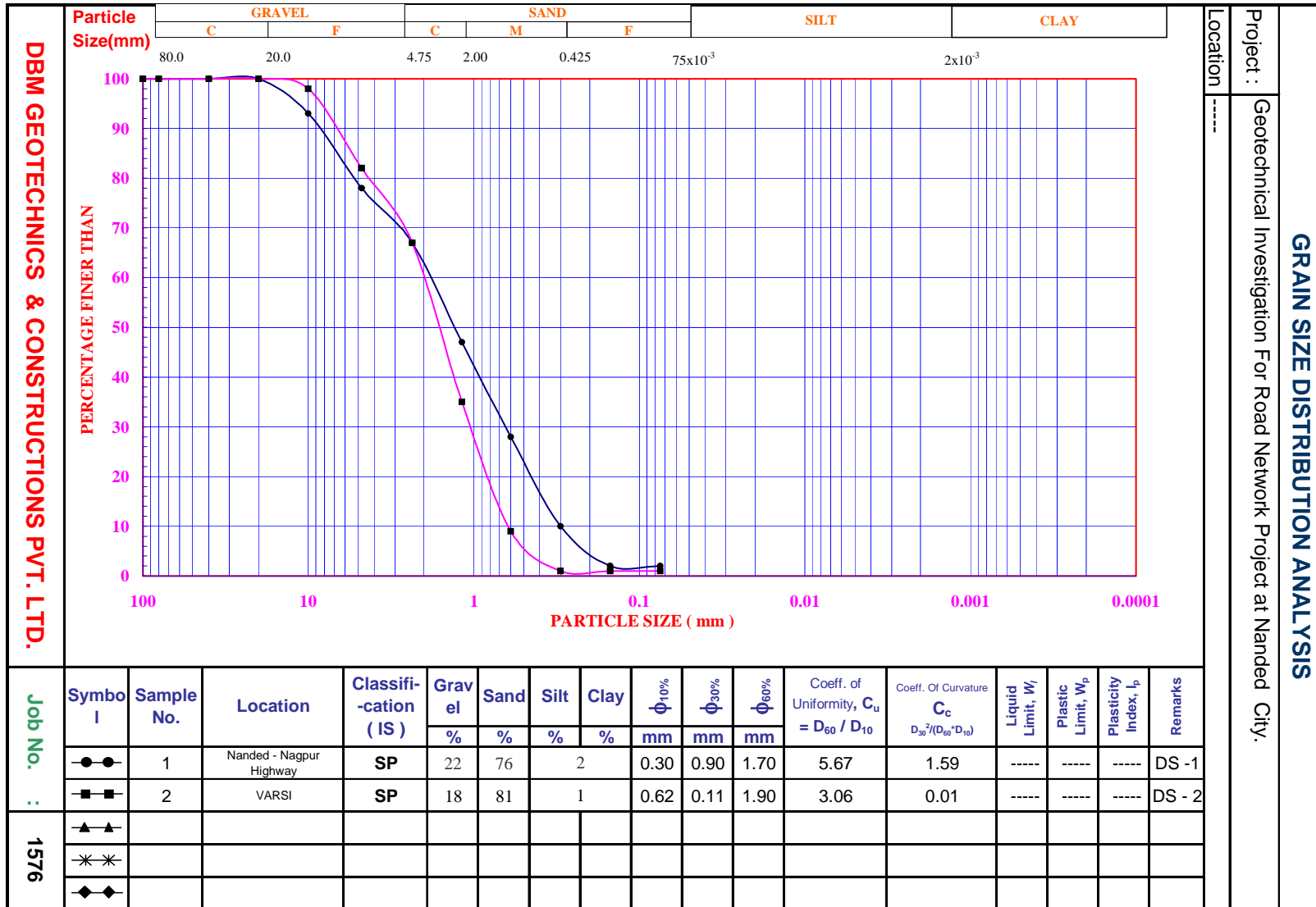
Location : Zari



SOIL TEST DATA SHEET																						
Project : Geotechnical Investigation for Road Network Project at Nanded City.																			FLB 04			
Location : Zari																			DATE: 21.06.2006			
Road No.	Quarry Sample No	Sample Type UD / D	Modified Proctor Test		Soil Classification (I.S)	Mechanical Analysis				Consistency Limits			Shear Strength Test			Energy for CBR	Lab.CBR Test Unsoaked		Lab.CBR Test Soaked		Specific Gravity	Remarks
			MDD gm/cc	OMC %		Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index, I <sub>p</sub> %	Type	Cohesion C <sub>u</sub> kg/cm <sup>2</sup>	Degree $\phi$		Penetration at 2.5 mm in %	Penetration at 5 mm in %	Penetration at 2.5 mm in %	Penetration at 5 mm in %		
-----	3	DS	2.05	11.40	GW	58	41	1	----	----	----	----	----	----	----	26.13	25.73	23.161	21.379	----		
CHEM : Chemical Analysis			Tuu : Triaxial Test ( Unconsolidated Undrained )						SP : Swelling Pressure or Swelling Potential Test						$\phi$ : Angle of Internal Friction							
COMP : Compaction Test			Tcu : Triaxial Test ( Consolidated Undrained )						SPT : Standard Penetration Test Sample						Cc : Undrained Cohesion							
DS : Direct Shear			Tcd : Triaxial Test ( Consolidated Drained )						UDS : Undisturbed Soil Sample						$\phi'$ : Effective Angle of Internal Friction							
K : Permeability Test			NP : Non Plastic						VL : Laboratory Vane Shear Test						Cc' : Effective Cohesion							
FSI : Free Swell Test			SL : Shrikage Limit Test						UC : Unconfined Compression Test						-----> : Combined Silt + Clay							
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD.</b>																	Job. No. :		<b>1576</b>			



<b>TEST ON AGGREGATES SAMPLES</b>							
<b>NAME OF PROJECT :</b>		Geotechnical Investigation work for Road Networking Project at Nanded City.				<b>Date :</b> 21.06.2006	
<b>CONSULTANT :</b>		C. E. S. ( I ) LTD.					
<b>CLIENTS :</b>		-----					
Sr. No.	DESCRIPTION	IS Sieve Designation  in mm	Sikhachivadi Quarry		Zari Quarry	Musalman Wadi	REMARKS
			Sample No.2 mm	Metal 60	Sample No.1 Metal 20 mm	Sample No.1 Metal 20 mm	
1	Particle Size Test	63.00	100	-----	100	100	
		40.00	99.30	-----	1.80	58.64	
		20.00	0.70	-----	12.50	41.36	
		10.00	0.00	-----	73.30	0.00	
		6.30	0.00	-----	11.50	0.00	
		4.75	0.00	-----	0.20	0.00	
2	Particle Size Test	40.00	-----	100	-----	-----	
		25.00	-----	49.4	-----	-----	
		20.00	-----	43.7	-----	-----	
		12.50	-----	6.9	-----	-----	
3	Particle Size Test	12.50	-----	-----	-----	-----	
		10.00	-----	-----	-----	-----	
		4.75	-----	-----	-----	-----	
		2.36	-----	-----	-----	-----	
4	Particle Size Test	10.00	-----	-----	-----	-----	
		4.75	-----	-----	-----	-----	
		2.36	-----	-----	-----	-----	
		1.18	-----	-----	-----	-----	
		0.60	-----	-----	-----	-----	
		0.30	-----	-----	-----	-----	
0.15	-----	-----	-----	-----	-----		
5	Specific Gravity	-----	2.78	2.80	2.76	2.78	
6	Flakiness Index	-----	-----	-----	35.53	19.98	
7	Elongation Index	-----	-----	-----	10.23	10.00	
8	Impact Test value	-----	6.41	6.39	7.04	4.58	
<b>DBM GEOTECHNICS AND CONSTRUCTIONS PVT. LTD.</b>						<b>Job No.</b>	<b>1576</b>





SOIL TEST DATA SHEET																						
Project : Geotechnical Investigation For Road Network Project at Nanded City.																		FLB 04				
Location : -----																		DATE: 14.06.2006				
Sample No.	Location	Sample Type UD / D	Proctor Compaction Test		Soil Classification (I.S)	Mechanical Analysis				Consistency Limits			Shear Strength Test			Energy for CBR	Lab.CBR Test Unsoaked		Lab.CBR Test Soaked		Specific Gravity	Remarks
			MDD gm/cc	OMC %		Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index, I <sub>p</sub> %	Type	Cohesion C <sub>u</sub> kg/cm <sup>2</sup>	Degree $\phi$		Penetration at 2.5 mm in %	Penetration at 5 mm in %	Penetration at 2.5 mm in %	Penetration at 5 mm in %		
1	Nanded - Nagpur Highway	DS -1	-----	-----	SP	22	76	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
2	VARSII	DS - 2	-----	-----	SP	18	81	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
CHEM : Chemical Analysis			T <sub>uu</sub> : Triaxial Test ( Unconsolidated Undrained )			SP : Swelling Pressure or Swelling Potential Test						$\phi$ : Angle of Internal Friction										
COMP : Compaction Test			T <sub>cu</sub> : Triaxial Test ( Consolidated Undrained )			SPT : Standard Penetration Test Sample						C <sub>c</sub> : Undrained Cohesion										
DS : Direct Shear			T <sub>cd</sub> : Triaxial Test ( Consolidated Drained )			UDS : Undisturbed Soil Sample						$\phi'$ : Effective Angle of Internal Friction										
K : Permeability Test			NP : Non Plastic			VL : Laboratory Vane Shear Test						C <sub>c</sub> : Effective Cohesion										
FSI : Free Swell Test			SL : Shrikage Limit Test			UC : Unconfined Compression Test						-----> Combined Silt + Clay										
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD.</b>																	Job. No. :		<b>1576</b>			



<b>FIELD DENSITY OBSERVATIONS</b>										
<b>SITE :</b>		<b>Geotechnical Investigation For Road Network Project At Nanded City.</b>								
<b>Location :</b>		<b>CES NANDED</b>						<b>Date : 24.06.2006</b>		
Sr. No.	ROAD NO	Trial Pit No.	Core Cutter No.	Volume in cc	Weight of Empty Core Cutter gm	Weight of Core Cutter with Soil in gms.	Weight of Wet Soil in gm	Density in gm/cc		Moisture Content %
								Bulk	Dry	
1	Road No.1	1.00	1	863.50	1394	2862	1468	1.70	1.45	17
2	Road No.1	2.00	3	840.00	1530	2992	1462.0	1.74	1.50	16
3	Road No.2	1.00	2	847.80	1604	3064	1460	1.72	1.49	15
4	Road No.2	2.00	1	863.50	1394	2866	1472	1.70	1.49	14
5	Road No.3	1.00	5	871.35	1560	3080	1520	1.74	1.48	17
6	Road no.4	1.00	3	840.00	1530	2972	1442	1.72	1.52	13
7	Road No.5	1.00	5	871.35	1560	3060	1500	1.72	1.53	12
8	Road No.7	1.00	1	863.50	1394	2864	1470	1.70	1.42	19
9	Road No.7	2.00	2	847.80	1604	3085	1482	1.74	1.49	17
10	Road No.7	3.00	3	840.00	1530	2976	1446	1.72	1.44	19
11	Road No.7	4.00	4	847.80	1582	3050	1458	1.73	1.46	18
12	Road No.7	5.00	5	871.35	1560	3046	1486	1.71	1.42	20
13	Road No.7	6.00	6	832.10	1480	2905	1425	1.71	1.42	21
14	Road No.7	7.00	7	824.25	1424	2846	1422	1.73	1.44	20
15	Road No.7	8.00	8	879.20	1552	3022	1470	1.57	1.41	18
16	Road No.8	1.00	1	863.50	1394	2878	1484	1.72	1.44	19
17	Road No.8	2.00	2	847.80	1604	3089	1485	1.75	1.51	16
18	Road No.8	3.00	3	840.00	1530	2980	1450	1.73	1.46	18
19	Road No.8	4.00	4	847.80	1582	3056	1474	1.74	1.47	18
20	Road No.8	5.00	1	863.50	1394	2888	1494	1.73	1.49	16
21	Road No.9	1.00	1	863.50	1394	2882	1488	1.72	1.48	16
22	Road No.9	2.00	5	871.35	1560	3060	1500	1.72	1.47	17
23	Road No.9	3.00	7	824.25	1424	2858	1454	1.74	1.59	9
24	Road No.10	1.00	2	847.80	1604	3084	1480	1.74	1.50	16
25	Road No.10	2.00	5	871.35	1560	3088	1528	1.75	1.49	17
26	Road No.10	3.00	6	832.10	1480	2926	1446	1.73	1.47	18
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD</b>								Job No.		1576



<b>FIELD DENSITY OBSERVATIONS</b>										
<b>SITE :</b>		<b>Geotechnical Investigation For Road Network Project At Nanded City.</b>								
<b>Location :</b>		<b>CES NANDED</b>						<b>Date : 24.06.2006</b>		
Sr. No.	ROAD NO	Trial Pit No.	Core Cutter No.	Volume in cc	Weight of Empty Core Cutter gm	Weight of Core Cutter with Soil in gms.	Weight of Wet Soil in gm	Density in gm/cc		Moisture Content %
								Bulk	Dry	
27	Road No 12	1.00	3	840.00	1530	2999	1469	1.74	1.46	19
28	Road No 13	1.00	1	863.50	1394	2882	1488	1.72	1.47	17
29	Road No 14	1.00	8	879.20	1552	3058	1506	1.71	1.48	16
30	Road No 14	2.00	7	824.25	1424	2856	1432	1.74	1.46	19
31	Road No 15	1.00	6	832.10	1480	2930	1450	1.74	1.52	15
32	Road No16	1.00	4	847.80	1582	3058	1476	1.74	1.51	15
33	Road No 17	1.00	1	863.50	1394	2846	1452	1.68	1.49	13
34	Road No 17	2.00	4	847.80	1582	3044	1462	1.72	1.50	15
35	Road No 18	1.00	2	847.80	1604	3106	1502	1.77	1.50	18
36	Road No 19	1.00	4	847.80	1582	3060	1478	1.74	1.49	17
37	Road No 19	2.00	2	847.80	1604	3104	1500	1.77	1.49	19
38	Road No 19	3.00	1	863.50	1394	2886	14912	1.73	1.57	10
39	Road No 22	1.00	5	871.35	1560	3054	1494	1.71	1.47	16
40	Road No 23	1.00	4	847.80	1582	3058	1476	1.74	1.51	15
41	Road No. 24	1.00	4	847.80	1582	3052	1470	1.73	1.50	15
42	Road No. 24	2.00	3	840.00	1530	2972	1442	1.72	1.48	16
43	Road No 26	1.00	7	824.25	1424	2832	1408	1.71	1.49	15
44	Road No 27	1.00	5	871.35	1560	3065	1505	1.73	1.48	17
45	Road No 27	2.00	4	847.80	1582	3034	1452	1.71	1.49	15
46	Road No.28A	1.00	1	863.50	1394	2892	1498	1.73	1.50	15
47	Road No.28A	2.00	2	847.80	1604	3092	1488	1.76	1.50	17
48	Road No 28	1.00	3	863.50	1394	2892	1498	1.73	1.54	12
49	Road No 28	2.00	6	832.10	1480	2910	1430	1.72	1.46	18
50	Road No 28	3.00	4	847.80	1582	3060	1478	1.74	1.59	9
51	Road No 28	4.00	5	871.35	1560	3049	1488	1.71	1.51	13
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD</b>								Job No.		<b>1576</b>



<b>FIELD DENSITY OBSERVATIONS</b>										
<b>SITE :</b>		<b>Geotechnical Investigation For Road Network Project At Nanded City.</b>								
<b>Location :</b>		<b>CES NANDED</b>						<b>Date : 24.06.2006</b>		
Sr. No.	ROAD NO	Trial Pit No.	Core Cutter No.	Volume in cc	Weight of Empty Core Cutter gm	Weight of Core Cutter with Soil in gms.	Weight of Wet Soil in gm	Density in gm/cc		Moisture Content %
								Bulk	Dry	
52	Road No.29	1.00	1	863.50	1394	2852	1458	1.69	1.48	14
53	Road No.29	2.00	3	840.00	1530	2962	1432	1.70	1.52	12
54	Road No.30	1.00	1	863.50	1394	2910	1516	1.76	1.44	22
55	Road No.30	2.00	2	847.80	1504	3112	1508	1.79	1.48	20
56	Road No.30	3.00	3	840.00	1530	3018	1488	1.77	1.43	24
57	Road No.30	4.00	4	847.80	1582	3117	1535	1.81	1.44	26
58	Road No.31	1.00	5	871.35	1560	3145	1585	1.82	1.44	26
59	Road No.31	2.00	6	832.10	1480	2939	1459	1.75	1.45	21
60	Road No.31	3.00	7	824.25	1424	2864	1440	1.74	1.46	19
61	Road No.32	1.00	1	863.50	1394	2898	1504	1.74	1.48	18
62	Road No.32	2.00	2	847.80	1604	3098	1494	1.76	1.48	19
63	Road No.32	3.00	3	840.00	15300	2998	1468	1.75	1.43	22
64	Road No.32	4.00	4	847.80	1582	3067	1485	1.75	1.47	19
65	Road No.32	5.00	6	832.10	1480	2916	1436	1.73	1.44	20
66	Road No.32	6.00	7	824.25	1424	2860	1442	1.75	1.46	20
67	Road No.32	7.00	2	847.80	1604	30945	1491	1.76	1.49	18
68	Road No.32	8.00	4	847.80	1582	3071	1489	1.76	1.48	19
69	Road No.32	9.00	1	863.50	1394	2907	1513	1.75	1.45	21
70	Road No.32	10.00	5	871.35	1560	3059	1499	1.72	1.46	18
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD</b>							Job No.		1576	



<b>FIELD DENSITY OBSERVATIONS</b>										
<b>SITE :</b>		<b>Geotechnical Investigation For Road Network Project At Nanded City.</b>								
<b>Location :</b>		<b>NANDED</b>						<b>Date : 24.06.2006</b>		
Sr. No.	ROAD NO	Trial Pit No.	Core Cutter No.	Volume in cc	Weight of Empty Core Cutter gm	Weight of Core Cutter with Soil in gms.	Weight of Wet Soil in gm	Density in gm/cc		Moisture Content %
								Bulk	Dry	
71	Road No 34	1.00	3	840.0	1530	2916	1386	1.65	1.44	14
72	Road No 34	2.00	2	847.8	1604	3032	1428	1.68	1.42	18
73	Road No 35	1.00	2	847.8	1604	3082	1478	1.74	1.51	15
74	Road No 35	2.00	1	863.5	1394	2906	1512	1.75	1.50	16
75	Road No 35	3.00	7	824.3	1424	2874	1450	1.75	1.47	20
76	Road No 35	4.00	3	840.0	1530	3005	1475	1.76	1.43	23
77	Road No 37	1.00	1	863.5	1394	2872	1478	1.71	1.46	17
78	Road No.38A	1.00	1	863.5	1394	2966	1512	1.75	1.53	14
79	Road No.38A	2.00	4	847.8	1582	3072	1490	1.75	1.49	18
80	Road No.39	1.00	2	847.8	1604	3112	1508	1.78	1.48	20
81	Road No.39	2.00	4	847.8	1582	3072	1490	1.76	1.51	16
82	Road No.39	3.00	1	863.5	1394	2899	1505	1.74	1.51	15
83	Road No.39	4.00	3	840.0	1530	2992	1462	1.74	1.47	18
84	Road No.39	5.00	5	871.4	1560	3062	1502	1.72	1.49	16
85	Road No40	1.00	1	863.5	1394	2917	1523	1.76	1.44	22
86	Road No40	2.00	6	832.1	1480	2926	1446	1.74	1.42	22
87	Road No40	3.00	8	879.2	1552	3064	1512	1.72	1.43	20
88	Road No 40	4.00	4	847.8	1582	3078	1502	1.72	1.44	22
89	Road No 40	5.00	3	840.0	1530	3002	1472	1.75	1.47	19
90	Road No 41	1.00	2	847.8	1504.4	3138	1534	1.81	1.48	22
91	Road No 41	2.00	4	847.8	1582	3120	1538	1.81	1.47	23
92	Road No 41	3.00	3	840.0	1530	3029	1499	1.78	1.45	22
93	Road No 41	4.00	1	863.5	1394	2953	1559	1.80	1.44	25
94	Road No 42	1.00	5	871.4	1560	3140	1580	1.81	1.46	24
95	Road No 42	2.00	7	824.3	1424	2876	1452	1.76	1.45	21
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD</b>								Job No.		1576



<b>SOIL TEST DATA SHEET</b>																						
<b>Project :</b> Geotechnical Investigation for Road Network Project at Nanded City.																		FLB 04				
<b>Location :</b> 0.5Km From Railway Station (Guru Hotel)																		DATE: 28.06.06				
Road No.	Trial Pit No	Sample Type UD / D	Modified Proctor Test		Soil Classification (I.S)	Mechanical Analysis				Consistency Limits			Shear Strength Test			Free Swell Index %	Lab.CBR Test Unsoaked		Lab.CBR Test Soaked		Specific Gravity	Remarks
			MDD gm/cc	OMC %		Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index, I <sub>p</sub> %	Type	Cohesion C <sub>u</sub> kg/cm <sup>2</sup>	Degree $\phi$		Penetration at 2.5 mm in %	Penetration at 5 mm in %	Penetration at 2.5 mm in %	Penetration at 5 mm in %		
1	T.P. 2	DS	1.445	26.90	CH	4	21	38	37	52	24	28	-----	-----	-----	50	9.20	8.31	6.829	6.335		
CHEM : Chemical Analysis			T <sub>uu</sub> : Triaxial Test ( Unconsolidated Undrained )			SP : Swelling Pressure or Swelling Potential Test						$\phi$ : Angle of Internal Friction										
COMP : Compaction Test			T <sub>cu</sub> : Triaxial Test ( Consolidated Undrained )			SPT : Standard Penetration Test Sample						C <sub>c</sub> : Undrained Cohesion										
DS : Direct Shear			T <sub>cd</sub> : Triaxial Test ( Consolidated Drained )			UDS : Undisturbed Soil Sample						$\phi'$ : Effective Angle of Internal Friction										
K : Permeability Test			NP : Non Plastic			VL : Laboratory Vane Shear Test						C <sub>c'</sub> : Effective Cohesion										
FSI : Free Swell Test			SL : Shrinkage Limit Test			UC : Unconfined Compression Test						-----> : Combined Silt + Clay										
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD.</b>																		Job. No. :		<b>1576</b>		



SOIL TEST DATA SHEET																							
Project : Geotechnical Investigation for Road Network Project at Nanded City.																		FLB 04					
Location : 300 M From Gurudwara Gate No. 1																		DATE: 28.06.2006					
Road No.	Trial Pit No	Sample Type UD / D	Modified Proctor Test		Soil Classification (IS)	Mechanical Analysis				Consistency Limits			Shear Strength Test			Free Swell Index	Lab.CBR Test Unsoaked		Lab.CBR Test Soaked		Specific Gravity	Remarks	
			MDD gm/cc	OMC %		Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index, I <sub>p</sub> %	Type	Cohesion C <sub>u</sub> kg/cm <sup>2</sup>	Degree $\phi$		Penetration at 2.5 mm in %	Penetration at 5 mm in %	Penetration at 2.5 mm in %	Penetration at 5 mm in %			
3	T. P. 1	DS	1.56	24.3	CH	14	15	29	42	54	28	26	----	----	----	45	11.40	11.56	8.73	8.24	----		
CHEM : Chemical Analysis			Tuu : Triaxial Test ( Unconsolidated Undrained )				SP : Swelling Pressure or Swelling Potential Test						$\phi$ : Angle of Internal Friction										
COMP : Compaction Test			Tcu : Triaxial Test ( Consolidated Undrained )				SPT : Standard Penetration Test Sample						Cc : Undrained Cohesion										
DS : Direct Shear			Tcd : Triaxial Test ( Consolidated Drained )				UDS : Undisturbed Soil Sample						$\phi'$ : Effective Angle of Internal Friction										
K : Permeability Test			NP : Non Plastic				VL : Laboratory Vane Shear Test						Cc' : Effective Cohesion										
FSI : Free Swell Test			SL : Shrikage Limit Test				UC : Unconfined Compression Test						-----> : Combined Silt + Clay										
<b>DBM GEOTECHNICS &amp; CONSTRUCTIONS PVT. LTD.</b>																		Job. No. :		<b>1576</b>			



## DYNAMIC CONE PENETERATION TEST

Project **CES NANDED**

DCPT No. : **DCPT 01-TP1**

ROAD NO: 01

Location: Ambedkar Chowk (Near Railway Station)

Diameter of Cone : 50 mm

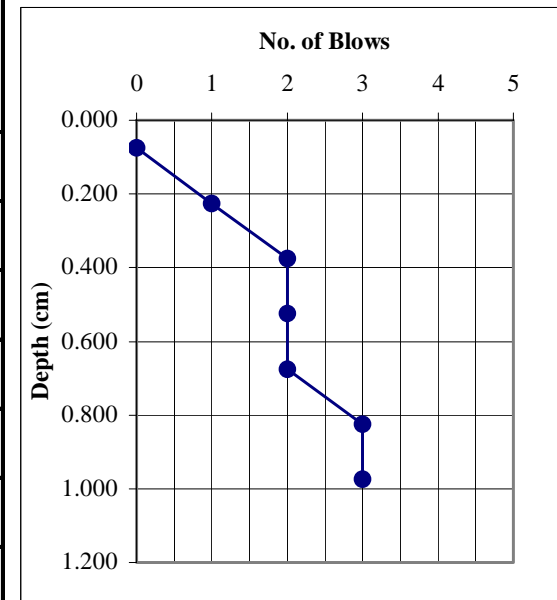
Weight of Hammer : 65 kg.

Height of fall : 750mm

Apex angle : 60

**Date** : 30.05.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	0
2	0.15	0.30	0.15	0.225	1
3	0.30	0.45	0.15	0.375	2
4	0.45	0.60	0.15	0.525	2
5	0.60	0.75	0.15	0.675	2
6	0.75	0.90	0.15	0.825	3
7	0.90	1.05	0.15	0.975	3



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Chckd. By	<b>savitri</b>



## DYNAMIC CONE PENETRATION TEST

Project **CES NANDED**

Diameter of Cone : 50 mm

DCPT No. : **DCPT 01-TP2**

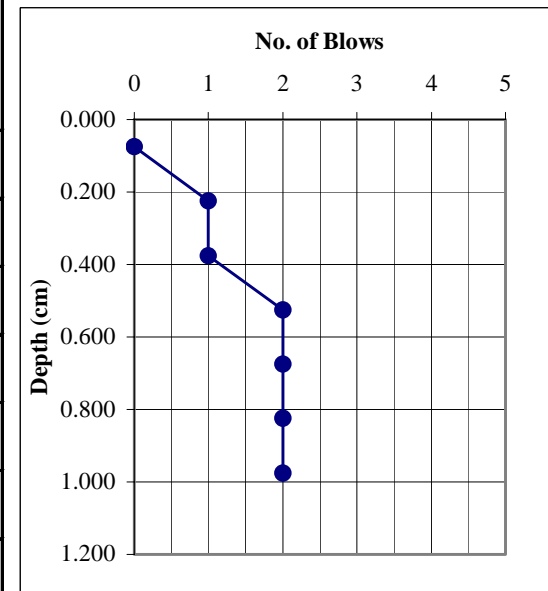
Weight of Hammer : 65 kg.

ROAD NO: 02

Height of fall : 750mm

Location: 500m from Vazirabad police station ( Near Sitlai Manç Apex angle : 60 **Date** : 30.05.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	0
2	0.15	0.30	0.15	0.225	1
3	0.30	0.45	0.15	0.375	1
4	0.45	0.60	0.15	0.525	2
5	0.60	0.75	0.15	0.675	2
6	0.75	0.90	0.15	0.825	2
7	0.90	1.05	0.15	0.975	2



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## DYNAMIC CONE PENETERATION TEST

Project **CES NANDED**

DCPT No. : **DCPT 01-TP2**

ROAD NO: 03

Location: Opposite BS tyres (300 m from Gate No.1)

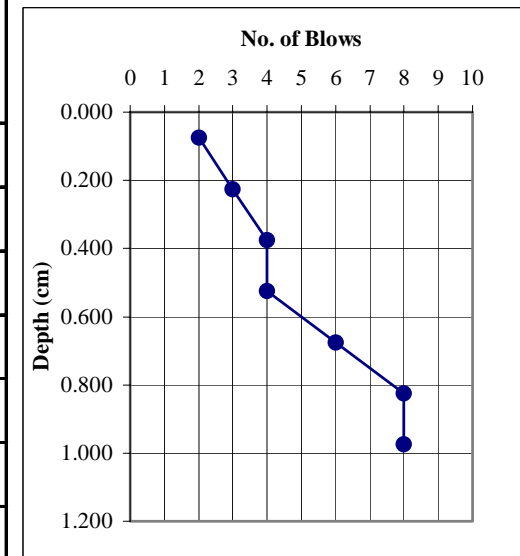
Diameter of Cone : 50 mm

Weight of Hammer : 65 kg.

Height of fall : 750mm

Apex angle : 60      **Date** : 30.05.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	2
2	0.15	0.30	0.15	0.225	3
3	0.30	0.45	0.15	0.375	4
4	0.45	0.60	0.15	0.525	4
5	0.60	0.75	0.15	0.675	6
6	0.75	0.90	0.15	0.825	8
7	0.90	1.05	0.15	0.975	8



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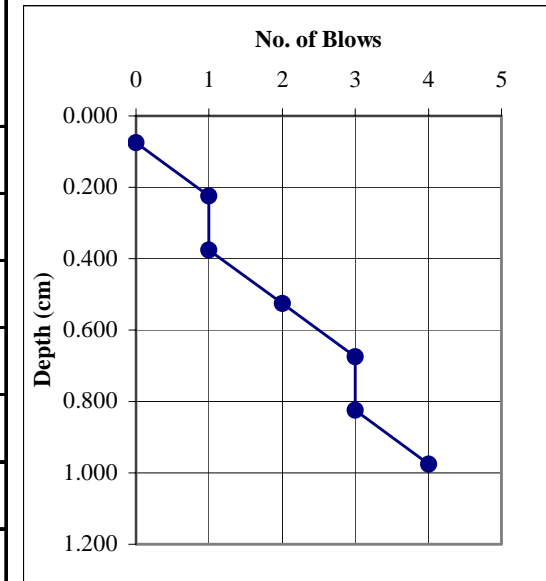


## DYNAMIC CONE PENETERATION TEST

Project **CES NANDED**  
DCPT No. : **DCPT 01-TP1**  
ROAD NO: **07**  
Location: **Raj Corner**

Diameter of Cone : 50 mm  
Weight of Hammer : 65 kg.  
Height of fall : 750mm  
Apex angle : 60      **Date** : 26.05.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	0
2	0.15	0.30	0.15	0.225	1
3	0.30	0.45	0.15	0.375	1
4	0.45	0.60	0.15	0.525	2
5	0.60	0.75	0.15	0.675	3
6	0.75	0.90	0.15	0.825	3
7	0.90	1.05	0.15	0.975	4



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## DYNAMIC CONE PENETERATION TEST

Project **CES NANDED**

DCPT No. : **DCPT 01-TP1**

ROAD NO: 08

Location: Near Hanuman Temple

Diameter of Cone : 50 mm

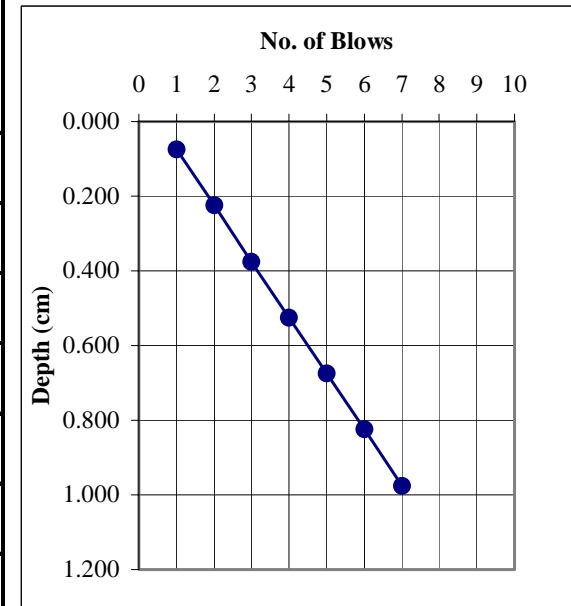
Weight of Hammer : 65 kg.

Height of fall : 750mm

Apex angle : 60

**Date** : 26.05.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	0
2	0.15	0.30	0.15	0.225	1
3	0.30	0.45	0.15	0.375	1
4	0.45	0.60	0.15	0.525	R
5	0.60	0.75	0.15	0.675	R
6	0.75	0.90	0.15	0.825	R
7	0.90	1.05	0.15	0.975	R



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Chkd. By

**savtri**



## DYNAMIC CONE PENETRATION TEST

Project **CES NANDED**

DCPT No. : **DCPT 01-TP2**

ROAD NO: 09

Location: Safa Communication 1000m from Dengunur Naka

Diameter of Cone : 50 mm

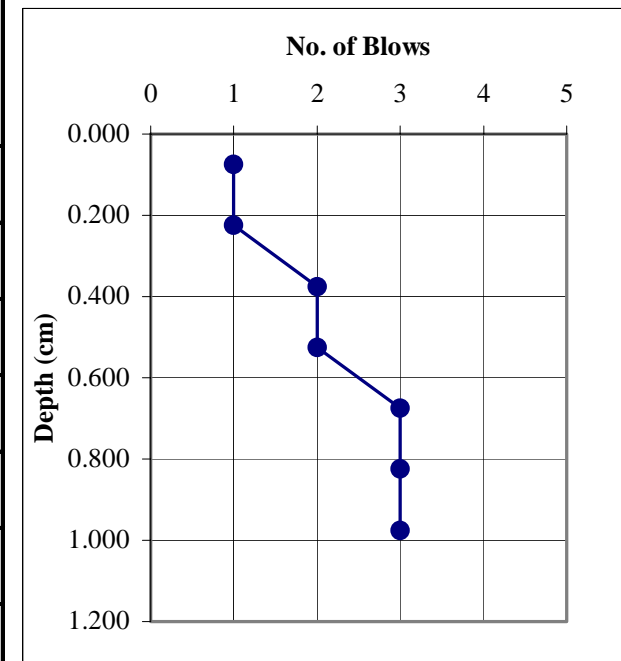
Weight of Hammer : 65 kg.

Height of fall : 750mm

Apex angle : 60

**Date** : 03.06.2006

Sr. No.	Depth (m)		Depth Of Penetration (m)	Average Depth (m)	No Of Blows (N <sub>cd</sub> )
	From	To			
1	0	0.15	0.15	0.075	1
2	0.15	0.30	0.15	0.225	1
3	0.30	0.45	0.15	0.375	2
4	0.45	0.60	0.15	0.525	2
5	0.60	0.75	0.15	0.675	3
6	0.75	0.90	0.15	0.825	3
7	0.90	1.05	0.15	0.975	3



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Chckd. By

**savitri**