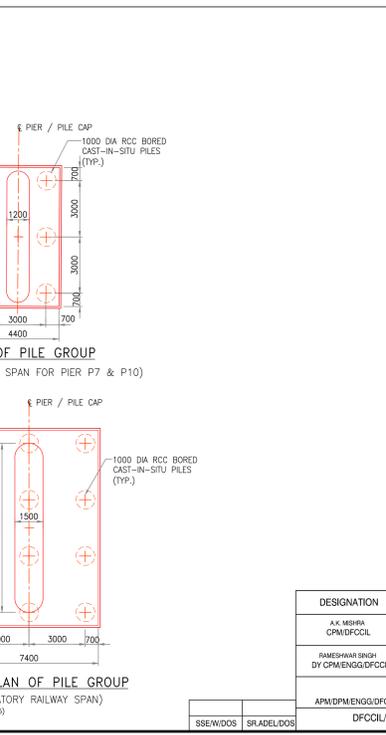
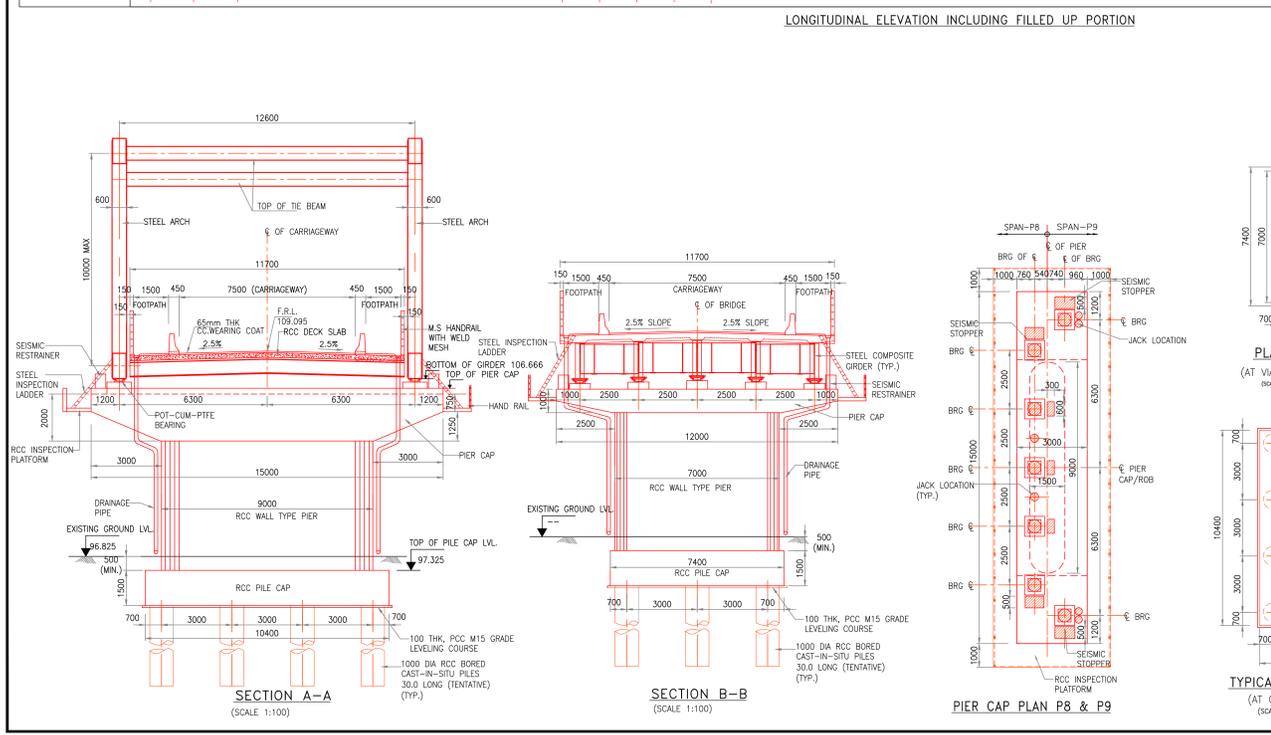


**Bore Hole Details of Soil Exploration at LC - 53**

Depth (m)	Cohesion 'C' & Friction Angle $\phi$	
	For BH-1	For BH-2
1.00	2.50	9.00
4.00	2.50	9.00
7.00	-	-
10.00	-	-
13.00	-	-
16.00	-	-
19.00	-	-
22.00	0.75	29.00
25.00	-	-
28.00	24.50	0.00
31.00	24.50	0.00
34.00	-	-
37.00	23.50	0.00



**Recorded 'N' Value**

Depth (m)	For BH-1		For BH-2	
	1.50	9	10	10
3.00	22	25	-	-
4.50	5	16	-	-
6.00	14	12	-	-
7.50	18	22	-	-
9.00	22	30	-	-
10.50	25	33	-	-
12.00	30	33	-	-
13.50	23	28	-	-
15.00	25	24	-	-
18.00	30	36	-	-
21.00	34	36	-	-
24.00	42	46	-	-
27.00	40	37	-	-
30.00	49	47	-	-
33.00	46	52	-	-
36.00	45	48	-	-
39.55	54	60	-	-

**DESIGNATION SIGNATURE**

DESIGNATION	SIGNATURE	DESIGNATION	SIGNATURE
A.K. MISHRA	[Signature]	C.E/RWD PATNA	[Signature]
PANKAJ SAXENA	[Signature]	EXECUTIVE ENGINEER (RWD-1 WORK DIVISION SASARAM)	[Signature]
APM/DP/ENGG/DFCIL	[Signature]	SUPERINTENDING ENGINEER (RWD-1 WORK DIVISION SASARAM)	[Signature]

**DESIGNATION SIGNATURE**

DESIGNATION	SIGNATURE	DESIGNATION	SIGNATURE
PANKAJ SAXENA	[Signature]	CSE	[Signature]
ATUL KUMAR	[Signature]	MUKESH KUMAR	[Signature]
RUPES KUMAR	[Signature]	M.A. RAHMAN	[Signature]
ALOK KUMAR	[Signature]	AEN/BRD	[Signature]
B.K. YADAV	[Signature]		
S. GOSTEMES	[Signature]		
OM SHANKAR PRASAD	[Signature]		
Sr. DEET/DRMS	[Signature]		

**DESIGNATION SIGNATURE**

DESIGNATION	SIGNATURE	DESIGNATION	SIGNATURE
SSE/INDOS	[Signature]	DFCIL/MGS	[Signature]
SRA/DEL/DO	[Signature]	STATE GOVT. BIHAR	[Signature]
		MGS DIVISION	[Signature]
		HQ ECR/HJP	[Signature]

**Sub Soil Strata**

RL IN 'M'	BH-1	BH-2
100.00		
99.00		
98.00		
97.00		
96.00		
95.00		
94.00		
93.00		
92.00		
91.00		
90.00		
89.00		
88.00		
87.00		
86.00		
85.00		
84.00		
83.00		
82.00		
81.00		
80.00		
79.00		
78.00		
77.00		
76.00		
75.00		
74.00		
73.00		
72.00		
71.00		
70.00		
69.00		
68.00		
67.00		
66.00		
65.00		
64.00		
63.00		
62.00		
61.00		
60.00		
59.00		

**Layers Description Legend Soil Class**

LAYER	DESCRIPTION	LEGEND	SOIL CLASS
LAYER-1	SILTY CLAY OF MEDIUM PLASTICITY WITH GRAVEL	[Symbol]	CI
LAYER-2	SAND SILT WITH GRAVEL	[Symbol]	ML-CL
LAYER-3	SAND SILT WITH GRAVEL	[Symbol]	ML-CL
LAYER-4	SILTY SAND WITH GRAVEL	[Symbol]	SM

**East Central Railway MGS Division**

**PROJECT:** PROPOSED 2-LANE ROB BETWEEN KUDRA-PUSALI ROAD AT Km 601/7-9 AND ROAD Km..... VILLAGE TULSIKUPUR AND NH2 ON MUGHALSARAI - GAYA SECTION IN-LIEU OF LC No. - 53

**TITLE:** GENERAL ARRANGEMENT DRAWING OF ROB AT LC No. 53

**DEALT BY:** A.K.GUPTA **DATE:** 19.05.18 **DRG. NO.:** PPC/DFCC/ROB/LC53 **REV.:** RO

**DRAWN BY:** A.S.RAWAT **SCALE:** AS SHOWN **GAD/01 (Sheet 1 Of 2)**

**CONSULTANTS:** PARK PROJECTS CONSULTANCY PVT.LTD. NEW DELHI