



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

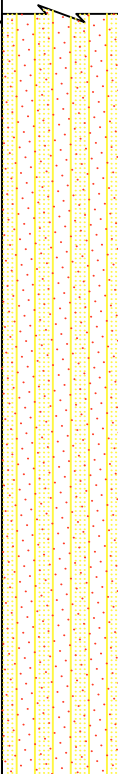
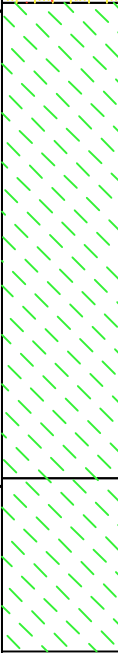
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.120

Co-ordinates E=672300.842
N=2479299.660

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	10	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 309.442 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
16.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		8	13	12				25	
								SPT-11	16.50-16.95
		9	11	16				27	
								*UDS-6	17.50-17.95
								SPT-12	18.05-18.50
								DS-8	19.00
		6	8	12				20	
								SPT-13	19.50-19.95
		7	9	12				21	
								*UDS-7	20.50-20.95
23.70m Very stiff, yellowish grey, silty clay with sand mixture, gravel, decomposed rock fragments.								SPT-14	21.05-21.50
								DS-9	22.00
		8	9	13				22	
								SPT-15	22.50-22.95
								*UDS-8	23.50-23.95
		10	10	13				23	
								SPT-16	24.05-24.50
								DS-10	25.00
		12	10	15				25	
								SPT-17	25.50-25.95
28.50m Hard, yellowish grey, silty clay with sand mixture, gravel, decomposed rock fragments.								*UDS-9	26.50-26.95
		13	14	15				29	
								SPT-18	27.05-27.50
								DS-11	28.00
		16	19	25				44	
								SPT-19	28.50-28.95
30.25m								*UDS-10	29.50-29.60
		18	20	26				46	
								SPT-20	29.80-30.25
N.B. - '*' means sample could not be recovered.									



BH-120/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

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Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.121

Co-ordinates E=672362.785
N=2479282.510

Field Test	Nos	Samples	Nos	Commencement Date : 02/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 03/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.811 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Filled up with brownish grey, clayey silt. Obs. boulder.								DS-1	0.50
								DS-2	1.00
		5	4	6			10	SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		7	6	7			13	SPT-2	2.95-3.40
								DS-3	4.00
		6	7	10			17	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		9	10	14			24	SPT-4	5.95-6.40
								DS-4	7.00
		7	9	15			24	SPT-5	7.50-7.95
								UDS-3	8.50-8.95
		8	12	14			26	SPT-6	8.95-9.40
								DS-5	10.00
		9	13	15			28	SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		7	10	9			19	SPT-8	12.05-12.50
								DS-6	13.00
		6	9	11			20	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		8	10	9			19	SPT-10	15.05-15.50
								DS-7	16.00
		10	12	13			25	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

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Job No : 4732

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Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.121

Co-ordinates E=672362.785
N=2479282.510

Field Test	Nos	Samples	Nos	Commencement Date : 02/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 03/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.811 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.10 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		11	13	14	27		SPT-12	18.05-18.50
					32		DS-8	19.00
20.00m Hard, yellowish brown, clayey silt with sand mixture.		13	15	17	35		SPT-13	19.50-19.95
					36		*UDS-7	20.50-20.95
		9	15	20	40		SPT-14	21.05-21.50
					37		DS-9	22.00
23.00m Hard, yellowish brown, clayey silt with decomposed rock & sand mixture.		10	14	22	37		SPT-15	22.50-22.95
					≥100		*UDS-8	23.50-23.95
		11	17	23	50		SPT-16	24.05-24.50
					Refusal		DS-10	25.00
		10	15	22	50		SPT-17	25.50-25.95
					5.0cm Pentn.		DS-11	26.50
		24	39	50	2.0cm Pentn.		SPT-18	27.00-27.35
27.50m Highly weathered, yellowish grey, fine grained, fractured rock.		100			NX, drilling from 27.50m to 30.00m		*SPT-19	27.50-27.52
							R1	CR=32% RQD=NIL
							R2	CR=35% RQD=NIL
							R3	CR=37% RQD=NIL
30.00m								27.50 28.25 29.00 30.00

N.B. - '*' means sample could not be recovered.



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CETEST

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Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.122

Co-ordinates E=672392.818
N=2479284.653

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 01/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 306.642 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Filled up with brownish grey, clayey silt. Obs. boulder.	0.00m 0.50m								DS-1	0.50
									DS-2	1.00
		5	6	8			14		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		7	7	9			16		SPT-2	2.95-3.40
									DS-3	4.00
		8	8	11			19		SPT-3	4.50-4.95
Stiff to very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									UDS-2	5.50-5.95
		10	13	13			26		SPT-4	5.95-6.40
									DS-4	7.00
		10	12	14			26		SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		10	14	16			30		SPT-6	8.95-9.40
									DS-5	10.00
		11	15	17			32		SPT-7	10.50-10.95
	11.00m								*UDS-4	11.50-11.95
		12	16	17			33		SPT-8	12.05-12.50
									DS-6	13.00
		13	17	19			36		SPT-9	13.50-13.95
Dense to medium dense, reddish brown, silty sand. Obs. gravel & kankars.									*UDS-5	14.50-14.95
		14	18	18			36		SPT-10	15.05-15.50
									DS-7	16.00
		12	15	17			32		SPT-11	16.50-16.95
	18.00m								*UDS-6	17.50-17.95



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

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Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.122

Co-ordinates E=672392.818
N=2479284.653

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 01/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 306.642 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Dense to medium dense, reddish brown, silty sand. Obs. gravel & kankars.		13	16	14	30		SPT-12	18.05-18.50
					22		DS-8	19.00
20.00m Medium dense, yellowish brown, clayey silty sand.		7	10	12			SPT-13	19.50-19.95
					23		*UDS-7	20.50-20.95
22.00m Hard, yellowish brown, clayey silt with decomposed rock. Obs. sand mixture.		6	9	14			SPT-14	21.05-21.50
					72		DS-9	22.00
		19	32	40			SPT-15	22.50-22.95
					85		DS-10	23.50
		22	40	45			SPT-16	24.00-24.45
		18	33	50	>100		SPT-17	25.00-25.35
25.80m Highly weathered, yellowish brown, fine grained fractured rock. Obs. boulder.		100			5.0cm Pentn. Refusal		*SPT-18	25.80-25.83
26.50m Highly weathered, yellowish brown, fine grained, fractured rock.					3.0cm Pentn. NX, drilling from 25.80m to 35.00m		R1	CR=29% RQD=NIL
							R2	CR=33% RQD=NIL
							R3	CR=33% RQD=NIL
28.00m Moderately weathered, yellowish brown, fine grained, fractured rock.							R4	CR=56% RQD=21%
							R5	CR=61% RQD=24%
							R6	CR=63% RQD=25%
							R7	CR=59% RQD=NIL
31.00m Moderately weathered, light blackish grey, fine grained, fractured rock.							R8	CR=56% RQD=43%
31.75m Moderately weathered, light blackish grey, fine grained, fractured rock.							R9	CR=43% RQD=20%
							R10	CR=40% RQD=15%
							R11	CR=44% RQD=24%
34.00m Moderately weathered, light blackish grey, fine grained, fractured rock.							R12	CR=56% RQD=28%
35.00m N.B. - '*' means sample could not be recovered.								



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CETEST

Job No : 4732

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Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.123

Co-ordinates E=672428.214
N=2479314.934

Field Test	Nos	Samples	Nos	Commencement Date : 26/03/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 28/03/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 305.434 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.								DS-1	0.50
								DS-2	1.00
		4	6	8			14	SPT-1	1.55-2.00
								UDS-1	2.50-2.95
		10	10	12			22	SPT-2	2.95-3.40
								DS-3	4.00
		11	12	14			26	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		12	14	16			30	SPT-4	5.95-6.40
								DS-4	7.00
		12	13	14			27	SPT-5	7.50-7.95
9.50m Medium dense to dense, reddish brown, silty sand. Obs. kankars & gravel.		12	13	15			28	UDS-3	8.50-8.95
								SPT-6	8.95-9.40
								DS-5	10.00
		12	12	14			26	SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		12	12	14			26	SPT-8	12.05-12.50
								DS-6	13.00
		11	13	14			27	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		12	14	17			31	SPT-10	15.05-15.50
17.80m 18.00m								DS-7	16.00
		11	15	15			30	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



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BORE LOG DATA SHEET

BORE HOLE NO.123

Co-ordinates	E=672428.214 N=2479314.934
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Field Test	Nos	Samples	Nos	Commencement Date :	26/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	17	Undisturbed (UDS)	7	Completion Date :	28/03/2024
		Penetrometer (SPT)	17	Bore Hole Diameter :	150 mm./N.X
		Disturbed (DS)	10	Level Of Ground :	305.434 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.50 m.

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CETEST

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Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.124

Co-ordinates E=672426.069
N=2479279.026

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.262 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 13.25 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		8	10	12				SPT-1	1.50-1.95
Very stiff, reddish brown, clayey silt. Obs. moorum & kankars.					22			UDS-1	2.50-2.95
		11	13	14				SPT-2	2.95-3.40
					27			DS-3	4.00
4.50m		13	18	24				SPT-3	4.50-4.95
					42			UDS-2	5.50-5.95
		15	26	33				SPT-4	5.95-6.40
Hard, reddish brown, clayey silt with sand mixture & kankars. Obs. moorum.					59			DS-4	7.00
		16	27	32				SPT-5	7.50-7.95
					59			*UDS-3	8.50-8.60
		17	28	35				SPT-6	8.80-9.25
					63			DS-5	9.70
10.00m		10	13	16				SPT-7	10.50-10.95
					29			*UDS-4	11.50-11.95
		11	12	17				SPT-8	12.05-12.50
					29			DS-6	13.00
Medium dense to dense, reddish brown, silty sand. Obs. kankars & gravel.		12	14	16				WS-1	13.25
					30			SPT-9	13.50-13.95
					25			*UDS-5	14.50-14.95
		12	12	13				SPT-10	15.05-15.50
					30			DS-7	16.00
		13	13	17				SPT-11	16.50-16.95
18.00m								*UDS-6	17.50-17.95



BH-124/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.124

Co-ordinates E=672426.069
N=2479279.026

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.262 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.25 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, reddish brown, silty sand. Obs. kankars & gravel.		14	18	21	39		SPT-12	18.05-18.50
							DS-8	19.00
19.50m Medium dense, yellowish brown to reddish brown, clayey silty sand with decomposed rock. Obs. boulder & gravel.		9	10	14	24		SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
		8	11	15	26		SPT-14	21.05-21.50
							DS-9	22.00
22.50m Very dense, yellowish brown to reddish brown, clayey silty sand with decomposed rock. Obs. boulder & gravel.		35	33	40	73		SPT-15	22.50-22.95
							DS-10	23.20
24.00m Completely to highly weathered, yellowish brown, coarse to medium grained, fractured rock. Obs. boulder.		40	60		>100	5.0cm Pentn. Refusal	SPT-16	23.50-23.70
		100				3.0cm Pentn. Refusal	*SPT-17	24.00-24.03 24.00
		100				2.0cm Pentn.	R1	CR=16% RQD=NIL
25.50m Highly weathered, yellowish brown, coarse to medium grained, fractured rock. Obs. boulder.						NX, drilling from 24.00m to 35.00m	*SPT-18	24.75-24.77 24.75
							R2	CR=24% RQD=NIL
27.00m Highly weathered, yellowish brown, coarse to medium grained, fractured rock.							R3	CR=27% RQD=NIL
27.75m Completely weathered, reddish brown, coarse grained, decomposed & disintegrated rock collected as sludge.						Refusal	R4	CR=29% RQD=NIL
							R5	CR=25% RQD=NIL
29.25m Moderately weathered, yellowish brown, medium grained, fractured rock.							R6	CR=NIL RQD=NIL
							DS-11	CR=NIL RQD=NIL
30.75m Slightly weathered, yellowish brown, medium grained, fractured rock.							*SPT-19	28.50-28.53 28.50
							DS-12	CR=NIL RQD=NIL
31.50m Moderately to slightly weathered, light blackish grey, medium grained, fractured rock.							*SPT-20	29.25-29.27 29.25
							R8	CR=45% RQD=26%
							R9	CR=45% RQD=NIL
							R10	CR=77% RQD=53%
							R11	CR=60% RQD=NIL
							R12	CR=65% RQD=33%
							R13	CR=61% RQD=37%
							R14	CR=60% RQD=37%
							R15	CR=62% RQD=NIL
35.00m								35.00

N.B. - '*' means sample could not be recovered.



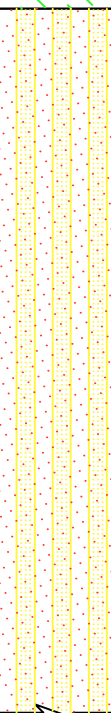
BH-124/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.125

Co-ordinates	E=672461.487 N=2479288.912
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Field Test	Nos	Samples	Nos	Commencement Date :	21/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	14	Undisturbed (UDS)	6	Completion Date :	22/03/2024
		Penetrometer (SPT)	14	Bore Hole Diameter :	150 mm./N.X
		Disturbed (DS)	10	Level Of Ground :	304.952 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.45 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES		
		EACH DIVN=15CM								Ref. No	Depth (m)	
Stiff to very stiff, reddish brown, silty clay with moorum & sand mixture.										DS-1	0.50	
										DS-2	1.00	
		4	5	6		11				SPT-1	1.55-2.00	
										DS-3	2.50	
		5	5	7		12				UDS-1	3.00-3.45	
										SPT-2	3.45-3.90	
		6	7	9		16				DS-4	4.50	
										SPT-3	5.00-5.45	
		8	9	9		18				UDS-2	6.00-6.45	
										SPT-4	6.45-6.90	
Medium dense to dense, light brown, silty sand.										DS-5	7.50	
		8	10	11		21				SPT-5	8.00-8.45	
		9	11	11		22				UDS-3	9.10-9.55	
										SPT-6	9.55-10.00	
										DS-6	10.50	
		9	10	13		23				SPT-7	11.00-11.45	
		10	14	15		29				UDS-4	12.00-12.45	
										SPT-8	12.45-12.90	
										DS-7	13.50	
11	12	15		27				SPT-9	14.00-14.45			
								*UDS-5	15.00-15.45			
12	15	21		36				SPT-10	15.60-16.05			
								DS-8	16.50			
								36				
	11	16	20					SPT-11	17.10-17.55			



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.125

Co-ordinates E=672461.487
N=2479288.912

Field Test	Nos	Samples	Nos	Commencement Date : 21/03/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 22/03/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.952 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.45 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, light brown, silty sand.		12	17	23	40			*UDS-6	18.00-18.45
								SPT-12	18.60-19.05
								DS-9	19.50
21.00m Very dense, silty sand with clay binder & kankars. Obs. decomposed rock.		21	35	50	>100			SPT-13	20.00-20.32
								DS-10	20.80
21.50m Highly weathered, yellowish grey, medium to fine grained, fractured rock. Obs. boulder.		100						*SPT-14	21.50-21.53
22.25m Highly weathered, yellowish grey, medium to fine grained, fractured rock.								R1	CR=29% RQD=NIL
								R2	CR=33% RQD=NIL
								R3	CR=38% RQD=20%
								R4	CR=29% RQD=19%
								R5	CR=30% RQD=22%
								R6	CR=46% RQD=NIL
								R7	CR=45% RQD=NIL
								R8	CR=50% RQD=NIL
								R9	CR=49% RQD=40%
								R10	CR=46% RQD=NIL
								R11	CR=49% RQD=39%
30.00m Moderately weathered, light grey to blackish grey, fine grained, fractured rock.									29.00-30.00

N.B. - '*' means sample could not be recovered.



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BORE LOG DATA SHEET

BORE HOLE NO.126

Co-ordinates	E=672500.273 N=2479302.694
--------------	-------------------------------

Field Test	Nos	Samples	Nos	Commencement Date :	19/03/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	7	Completion Date :	21/03/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground :	304.777 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.30 m.

[illegible]



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.126

Co-ordinates E=672500.273
N=2479302.694

Field Test	Nos	Samples	Nos	Commencement Date : 19/03/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	7	Completion Date : 21/03/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.777 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, light brown, silty sand.		10	15	21	36		SPT-12	18.50-18.95
					>100		*UDS-7	19.50-19.60
20.00m Very desne, light brownish grey, silty sand with clay binder & decomposed rock.		24	33	50			SPT-13	20.00-20.34
21.10m Highly weathered, reddish brown to yellowish grey, medium to fine grained, fractured rock. Obs. boulder.		100			Refusal		*SPT-14	21.10-21.13
21.75m					4.0cm Pentn.		R1	CR=23% RQD=NIL
23.25m					3.0cm Pentn.		R2	CR=37% RQD=NIL
					NX. drilling from 21.10m to 30.00m		R3	CR=40% RQD=13%
							R4	CR=42% RQD=NIL
26.25m							R5	CR=46% RQD=18%
27.75m							R6	CR=45% RQD=18%
							R7	CR=42% RQD=13%
							R8	CR=66% RQD=26%
							R9	CR=62% RQD=34%
							R10	CR=68% RQD=NIL
							R11	CR=77% RQD=33%
							R12	CR=70% RQD=61%
30.00m								30.00

N.B. - '*' means sample could not be recovered.



BORE LOG DATA SHEET

BORE HOLE NO.127

Co-ordinates	E=672536.325 N=2479297.014
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Field Test	Nos	Samples	Nos	Commencement Date :	19/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	16	Undisturbed (UDS)	7	Completion Date :	26/03/2024
		Penetrometer (SPT)	16	Bore Hole Diameter :	150 mm./N.X
		Disturbed (DS)	10	Level Of Ground :	304.529 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.40 m.

[illegible]



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.127

Co-ordinates E=672536.325
N=2479297.014

Field Test	Nos	Samples	Nos	Commencement Date : 19/03/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 26/03/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.529 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 13.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, light brown, silty sand.		11	14	18	32			*UDS-6 SPT-12 DS-9	18.05-18.50 18.60-19.05 19.50
21.50m Very stiff, brownish grey, silty clay with boulder, decomposed rock & sand mixture.		12	17	21	38			SPT-13 *UDS-7	20.00-20.45 21.00-21.10
23.00m Hard, brownish grey, silty clay with boulder, decomposed rock & sand mixture.		10	13	14	27			SPT-14 DS-10	21.70-22.15 22.50
24.00m Highly weathered, yellowish grey, medium to fine grained, fractured rock. Obs. boulder.		24	37	50	>100			SPT-15	23.00-23.35
24.75m Highly to moderately weathered, yellowish grey, medium to fine grained, fractured rock.		100			Refusal			*SPT-16 R1 R2 R3 R4 R5 R6 R7 R8	24.00-24.02 CR=30% RQD=NIL 24.75 CR=30% RQD=NIL 25.50 CR=32% RQD=NIL 26.25 CR=30% RQD=NIL 27.00 CR=36% RQD=NIL 27.75 CR=32% RQD=NIL 28.50 CR=38% RQD=NIL 29.25 CR=48% RQD=NIL 30.00
30.00m									

N.B. - '*' means sample could not be recovered.



BH-127/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : T.SAHA Created on : 01/04/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.128

Co-ordinates E=672582.725
N=2479324.008

Field Test	Nos	Samples	Nos	Commencement Date : 14/03/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 16/03/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.933 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : Not found

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
									UDS-1	1.50-1.95
									SPT-1	1.95-2.40
Very stiff, reddish brown, clayey silt. Obs. sand mixture.									DS-3	3.00
									SPT-2	3.50-3.95
									DS-4	4.20
									UDS-2	4.60-5.05
									SPT-3	5.05-5.50
									DS-5	6.00
									SPT-4	6.50-6.95
06.50m									UDS-3	7.50-7.95
									SPT-5	7.95-8.40
Hard, reddish brown, clayey silt. Obs. sand mixture.									DS-6	8.80
									SPT-6	9.20-9.65
									DS-7	10.00
10.00m									*UDS-4	10.50-10.60
									SPT-7	10.80-11.25
Very dense, yellowish brown, silty sand. Obs. kankars.									DS-8	11.80
									SPT-8	12.50-12.95
									DS-9	13.50
12.50m									SPT-9	14.00-14.45
Medium dense, yellowish brown, silty sand. Obs. kankars.									SPT-10	15.00-15.45
15.45m										
N.B. - '*' means sample could not be recovered.										



BORE LOG DATA SHEET

BORE HOLE NO.129

Co-ordinates	E=672653.030 N=2479307.422
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Field Test	Nos	Samples	Nos	Commencement Date : 26/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 27/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.638 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.70 m.

[illegible]

BORE LOG DATA SHEET

BORE HOLE NO.129

Co-ordinates	E=672653.030 N=2479307.422
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Field Test	Nos	Samples	Nos	Commencement Date : 26/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	13	Undisturbed (UDS)	6	Completion Date : 27/03/2024
		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
		Disturbed (DS)	8	Level Of Ground : 303.638 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
11.00m Stiff to very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars.										



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.130

Co-ordinates E=672749.086
N=2479300.054

Field Test	Nos	Samples	Nos	Commencement Date : 29/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 31/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.759 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
		6	8	8			16		SPT-1	1.50-1.95
									UDS-1	2.55-3.00
		6	8	11			19		SPT-2	3.00-3.45
4.50m Hard, reddish brown, silty clay with sand mixture & kankars.									DS-3	4.00
		10	15	21			36		SPT-3	4.50-4.95
									UDS-2	5.50-5.80
		12	16	25			41		SPT-4	5.80-6.25
									DS-4	7.00
		13	18	25			43		SPT-5	7.50-7.95
									*UDS-3	8.50-8.60
11.00m Medium dense to dense, light brown, silty sand with kankars.		15	20	32			52		SPT-6	8.80-9.25
									DS-5	9.80
		15	19	34			53		SPT-7	10.50-10.95
									DS-6	11.50
									*UDS-4	12.00-12.45
13.00m		11	13	13			26		SPT-8	12.70-13.15



BH-130/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.130

Co-ordinates E=672749.086
N=2479300.054

Field Test	Nos	Samples	Nos	Commencement Date : 29/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 31/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.759 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense to dense, light brown, silty sand with kankars.									DS-7	13.50
		9	11	12					*SPT-9	14.00-14.45
									*UDS-5	15.00-15.45
		9	10	12					SPT-10	15.60-16.05
									DS-8	16.50
		8	11	14					SPT-11	17.00-17.45
									*UDS-6	18.20-18.65
		11	13	11					SPT-12	18.80-19.25
									DS-9	19.70
		12	12	19					SPT-13	20.00-20.45



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N.B. - '*' means sample could not be recovered.



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 08/04/2024

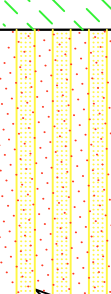
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.131

Co-ordinates E=672757.270
N=2479271.940

Field Test	Nos	Samples	Nos	Commencement Date : 01/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 02/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.620 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.70 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Stiff, reddish brown, silty clay with sand mixture. Obs. kankars.								DS-1	0.50
								DS-2	1.00
		5	7	7		14		SPT-1	1.50-1.95
								DS-3	2.50
		4	6	7		13		UDS-1	3.00-3.45
								SPT-2	3.45-3.90
								DS-4	4.50
		8	13	22		35		SPT-3	5.00-5.45
		11	15	24		39		*UDS-2	6.00-6.10
		9	11	17		28		SPT-4	6.40-6.85
Very stiff to hard, light brown, clayey silt with sand & kankars.		9	10	21		31		DS-5	7.50
								SPT-5	8.00-8.45
								UDS-3	9.00-9.30
								SPT-6	9.30-9.75
								DS-6	10.50
		11	12	17		29		SPT-7	11.00-11.45
								*UDS-4	12.00-12.45
		10	13	20		33		SPT-8	12.60-13.05
Medium dense to dense, light brown, silty sand with kankars.									



BH-131/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.131

Co-ordinates E=672757.270
N=2479271.940

Field Test	Nos	Samples	Nos	Commencement Date : 01/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 02/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.620 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.70 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, light brown, silty sand with kankars.								DS-7	13.50
		11	12	19	31			SPT-9	14.00-14.45
								*UDS-5	15.00-15.45
		11	14	19	33			SPT-10	15.60-16.05
								DS-8	16.50
		12	14	21	35			SPT-11	17.00-17.45
								*UDS-6	18.00-18.45
		13	16	23	39			SPT-12	18.60-19.05
								DS-9	19.50
		12	15	24	39			SPT-13	20.00-20.45



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 10/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.132

Co-ordinates E=672092.428
N=2479239.237

Field Test	Nos	Samples	Nos	Commencement Date : 03/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.054 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.60 m

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, silty clay with kankars.								DS-1	0.50
								DS-2	1.00
		4	5	7		12		SPT-1	1.50-1.95
								DS-3	2.50
								UDS-1	3.00-3.45
		7	7	9		16		SPT-2	3.45-3.90
								DS-4	4.50
		10	12	16		28		SPT-3	5.00-5.45
								*UDS-2	6.00-6.10
		9	11	15		26		SPT-4	6.30-6.75
8.50m Very stiff, reddish brown, clayey silt with sand mixture & kankars.								DS-5	7.30
		8	13	19		32		SPT-5	8.00-8.45
								UDS-3	9.00-9.30
10.50m Medium dense, reddish brown, silty sand with kankars.		9	12	18		30		SPT-6	9.30-9.75
								DS-6	10.20
11.00m									



BH-132/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 10/04/2024

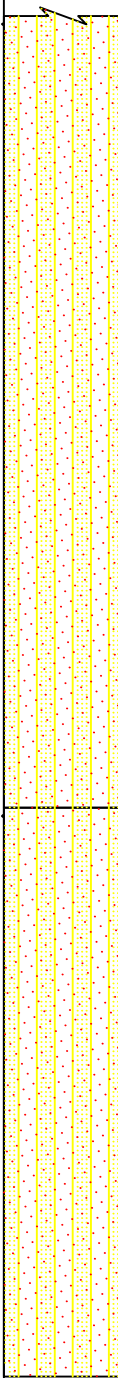
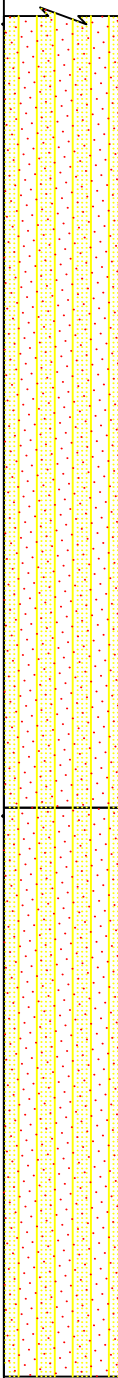
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.132

Co-ordinates E=672092.428
N=2479239.237

Field Test	Nos	Samples	Nos	Commencement Date : 03/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.054 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.60 m

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense, reddish brown, silty sand with kankars.		8	11	13		<u>24</u>		SPT-7	11.00-11.45
								UDS-4	12.00-12.45
		9	10	15		<u>25</u>		SPT-8	12.45-12.90
								DS-7	13.50
		9	11	12		<u>23</u>		SPT-9	14.00-14.45
								*UDS-5	15.00-15.45
		11	12	15		<u>27</u>		SPT-10	15.60-16.05
								DS-8	16.50
		13	19	22		<u>41</u>		SPT-11	17.00-17.45
								*UDS-6	18.00-18.45
Dense, brownish grey, silty sand. Obs. kankars.		12	18	24		<u>42</u>		SPT-12	18.50-18.95
								DS-9	19.50
		13	17	25		<u>42</u>		SPT-13	20.00-20.45
N.B. - '*' means sample could not be recovered.									



BH-132/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.133

Co-ordinates E=672580.887
N=2479266.135

Field Test	Nos	Samples	Nos	Commencement Date : 16/03/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 18/03/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 304.283 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : Not found

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
		3	5	7					SPT-1	1.00-1.45
									DS-2	2.00
									UDS-1	2.50-2.95
		5	7	10					SPT-2	2.95-3.40
									DS-3	4.00
		5	10	14					SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		6	12	16					SPT-4	5.95-6.40
									DS-4	7.00
									SPT-5	7.50-7.95
07.50m		8	13	18					UDS-3	8.50-8.95
									SPT-6	8.95-9.40
		9	14	19					DS-5	10.00
10.00m									SPT-7	10.50-10.95
		11	12	14					*UDS-4	11.50-11.95
									SPT-8	12.10-12.55
		10	12	11					DS-6	13.00
									SPT-9	13.50-13.95
		11	12	12						
									SPT-10	15.00-15.45
		11	13	17						
15.45m										

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 13/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.134

Co-ordinates E=672458.089
N=2479227.975

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 07/04/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.318 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Stiff to very stiff, reddish brown, silty clay. Obs. kankars & moorum.									DS-1	0.50
									DS-2	1.00
								13	SPT-1	1.50-1.95
		3	6	7						
								21	UDS-1	2.50-2.95
		5	9	12					SPT-2	2.95-3.40
								25	DS-3	4.00
		7	11	14					SPT-3	4.50-4.95
								34	UDS-2	5.50-5.95
		10	14	20					SPT-4	5.95-6.40
05.50m										
Hard, reddish brown, silty clay. Obs. kankars & moorum.									DS-4	7.00
		11	13	18				31	SPT-5	7.50-7.95
08.50m										
Very stiff, reddish brown, silty clay. Obs. kankars & moorum.								29	UDS-3	8.50-8.95
		10	12	17					SPT-6	8.95-9.40
10.50m										
Medium dense, yellowish brown, silty sand. Obs. kankars.								26	DS-5	10.00
		8	11	15					SPT-7	10.50-10.95
								26	*UDS-4	11.50-11.95
		9	10	16					SPT-8	12.10-12.55
								24	DS-6	13.00
		7	11	13					SPT-9	13.50-13.95
15.45m										
		8	12	15				27	SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.										



BH-134/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO.135

Co-ordinates	E=672488.637 N=2479242.401
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Field Test	Nos	Samples	Nos	Commencement Date : 23/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	17	Undisturbed (UDS)	7	Completion Date : 24/03/2024
		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
		Disturbed (DS)	10	Level Of Ground : 305.265 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 13.35 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH	DIVN=15CM							Ref. No	Depth (m)
Stiff to very stiff, reddish brown, silty clay with moorum & sand mixture.										DS-1	0.50
										DS-2	1.00
		5	5	5		10				SPT-1	1.55-2.00
										UDS-1	2.50-2.95
		5	6	7		13				SPT-2	2.95-3.40
										DS-3	4.00
		6	7	9		16				SPT-3	4.50-4.95
										UDS-2	5.50-5.95
		7	7	9		16				SPT-4	5.95-6.40
										DS-4	7.00
Medium dense to dense, light brown, silty sand. Obs. kankars.										DS-5	10.00
										SPT-7	10.50-10.95
		9	11	13		24				*UDS-4	11.50-11.95
										SPT-8	12.10-12.55
		10	12	14		26				DS-6	13.00
										SPT-9	13.50-13.95
		10	13	17		30				*UDS-5	14.50-14.95
										SPT-10	15.10-15.55
		10	12	12		24				DS-7	16.00
										SPT-11	16.50-16.95
								*UDS-6	17.50-17.95		



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.135

Co-ordinates E=672488.637
N=2479242.401

Field Test	Nos	Samples	Nos	Commencement Date : 23/03/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 24/03/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 305.265 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.35 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, light brown, silty sand. Obs. kankars.		9	14	20	34		SPT-12	18.10-18.55
							DS-8	19.00
		11	15	22	37		SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
		9	14	17	31		SPT-14	21.10-21.55
22.00m Hard, brownish grey, silty clay with sand mixture & decomposed rock fragments.					>100		DS-9	22.00
		34	50		>100	3.0cm Pentn.	SPT-15	22.50-22.68
		42	50		>100	5.0cm Pentn.	DS-10	23.20
24.00m Highly weathered, reddish to yellowish grey, medium grained, fractured rock. Obs. boulder.		100			Refusal	3.0cm Pentn.	SPT-16	23.60-23.80
24.75m Highly weathered, reddish to yellowish grey, medium grained, fractured rock.					NX, drilling from 24.00m to 30.00m		*SPT-17	24.00-24.03 24.00
							R1	CR=29% RQD=NIL 24.75
							R2	CR=26% RQD=NIL 25.50
							R3	CR=32% RQD=NIL 26.25
							R4	CR=36% RQD=NIL 27.00
27.00m Moderately weathered, yellowish grey, medium to fine grained, fractured rock.							R5	CR=45% RQD=NIL 27.75
							R6	CR=46% RQD=NIL 28.50
							R7	CR=49% RQD=NIL 29.25
29.25m Moderately weathered, yellowish grey, medium to fine grained, fractured rock.							R8	CR=56% RQD=NIL 30.00
30.00m								

N.B. - '*' means sample could not be recovered.



BH-135/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.136

Co-ordinates E=672541.214
N=2479233.357

Field Test	Nos	Samples	Nos	Commencement Date : 18/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 22/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.117 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff to hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									DS-1	0.50
		8	10	14				24	SPT-1	1.00-1.45
									DS-2	2.00
		10	16	17				33	UDS-1	2.50-2.95
									SPT-2	2.95-3.40
		5	8	11				19	DS-3	4.00
									SPT-3	4.50-4.95
		7	10	15				25	UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
07.50m Hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.		10	14	21				35	SPT-5	7.50-7.95
		11	10	24				34	UDS-3	8.50-8.95
									SPT-6	8.95-9.40
									DS-5	10.00
10.50m Medium dense, reddish brown, silty sand. Obs. kankars.		6	8	10				18	SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	6	12				18	SPT-8	12.10-12.55
									DS-6	13.00
		9	10	12				22	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		8	7	10				17	SPT-10	15.10-15.55
18.00m		7	9	9				18	DS-7	16.00
									SPT-11	16.50-16.95
									*UDS-6	17.50-17.95



BH-136/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.136

Co-ordinates E=672541.214
N=2479233.357

Field Test	Nos	Samples	Nos	Commencement Date : 18/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 22/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.117 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.80 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense, reddish brown, silty sand. Obs. kankars.		8	11	13	24		SPT-12	18.10-18.55
18.60m							DS-8	19.00
Medium dense to very dense, light brown, silty sand with kankars & decomposed rock fragments.		9	10	15	25		SPT-13	19.50-19.95
21.40m					>100		*UDS-7	20.50-20.60
Highly weathered, yellowish grey, medium grained, fractured rock. Obs. boulder.		24	31	50	100		SPT-14	20.80-21.15
22.00m					5.0cm Pentn. Refusal		*SPT-15	21.40-21.43
					3.0cm Pentn.		R1	CR=25% RQD=NIL
					NX. drilling from 21.40m to 30.00m		R2	CR=26% RQD=NIL
							R3	CR=26% RQD=NIL
							R4	CR=27% RQD=NIL
							R5	CR=29% RQD=NIL
							R6	CR=31% RQD=NIL
							R7	CR=36% RQD=NIL
							R8	CR=40% RQD=NIL
							R9	CR=45% RQD=25%
							R10	CR=40% RQD=16%
							R11	CR=34% RQD=NIL
30.00m								28.00 29.00 30.00

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 01/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.137

Co-ordinates E=672610.627
N=2479179.367

Field Test	Nos	Samples	Nos	Commencement Date : 23/03/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 24/03/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.064 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									DS-1	0.50
		2	3	5				8	SPT-1	1.00-1.45
									DS-2	2.00
									UDS-1	2.50-2.95
		5	7	11				18	SPT-2	2.95-3.40
									DS-3	4.00
		6	9	12				21	SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		8	12	15				27	SPT-4	5.95-6.40
									DS-4	7.00
08.00m Hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.		9	13	16				29	SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		11	14	18				32	SPT-6	8.95-9.40
									DS-5	10.00
10.00m Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		11	11	14				25	SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		9	13	10				23	SPT-8	12.10-12.55
									DS-6	13.00
		10	12	14				26	SPT-9	13.50-13.95
15.45m		12	14	17				31	SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 13/04/2024

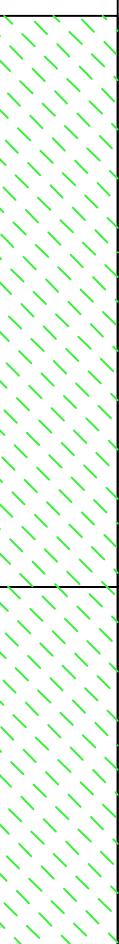
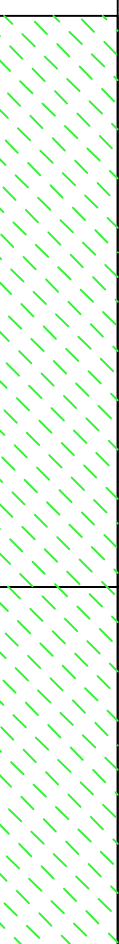
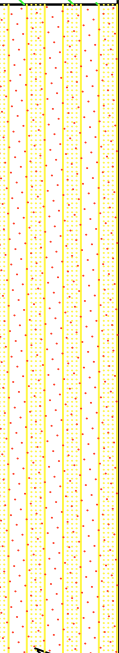
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.138

Co-ordinates E=672736.937
N=2479172.790

Field Test	Nos	Samples	Nos	Commencement Date : 05/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.862 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay. Obs. kankars.									DS-1	0.50
									DS-2	1.00
		7	9	10			19		SPT-1	1.50-1.95
									DS-3	2.50
		7	10	11			21		UDS-1	3.00-3.45
									SPT-2	3.45-3.90
									DS-4	4.50
		10	11	16			27		SPT-3	5.00-5.45
									UDS-2	6.00-6.30
		13	21	23			44		SPT-4	6.30-6.75
6.00m Hard, light reddish brown, clayey silt with sand mixture. Obs. kankars.									DS-5	7.50
		14	22	23			45		SPT-5	8.00-8.45
		16	23	24			47		UDS-3	9.00-9.40
									SPT-6	9.40-9.85
									DS-6	10.30
		10	10	13			23		SPT-7	10.80-11.25
10.00m Medium dense, reddish brown to light brown, silty sand. Obs. kankars.		8	12	12			24		*UDS-4	12.00-12.45
									SPT-8	12.60-13.05
									DS-7	13.50
		7	13	14			27		SPT-9	14.00-14.45
									*UDS-5	15.00-15.45
		8	13	15			28		SPT-10	15.60-16.05
17.00m									DS-8	16.50



BH-138/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 13/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.138

Co-ordinates E=672736.937
N=2479172.790

Field Test	Nos	Samples	Nos	Commencement Date : 05/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.862 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
17.00m		10	10	12	22		SPT-11	17.00-17.45
Medium dense, reddish brown to light brown, silty sand. Obs. kankars.					27		*UDS-6	18.10-18.55
		10	13	14			SPT-12	18.70-19.15
							DS-9	19.80
20.00m		15	18	23	41		SPT-13	20.50-20.95
Hard, brownish grey, silty clay with sand mixture & decomposed rock.					>100		*UDS-7	21.50-21.60
		32	39	50			SPT-14	22.00-22.35
22.60m		100					*SPT-15	22.60-22.63
Highly weathered, yellowish brown, fine grained, fractured rock. Obs. boulder.					5.0cm Pentn. Refusal		R1	22.60-22.63
					3.0cm Pentn. NX, drilling from 22.60m to 30.00m		R2	CR=24% RQD=NIL
							R3	CR=25% RQD=NIL
24.50m							R4	CR=26% RQD=NIL
Highly weathered, yellowish brown, fine grained, fractured rock.							R5	CR=28% RQD=NIL
							R6	CR=30% RQD=NIL
							R7	CR=32% RQD=NIL
							R8	CR=35% RQD=NIL
							R9	CR=36% RQD=NIL
							R10	CR=39% RQD=NIL
30.00m								30.00

N.B. - '*' means sample could not be recovered.



BH-138/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.139

Co-ordinates	E=671958.527 N=2479213.870
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Field Test	Nos	Samples	Nos	Commencement Date : 21/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	20	Undisturbed (UDS)	9	Completion Date : 21/05/2024
		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
		Disturbed (DS)	12	Level Of Ground : 306.758 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, clayey silt with kankar & sand mixture.									DS-1	0.50
									DS-2	1.00
		7	8	9		17			SPT-1	1.50-1.95
						23			UDS-1	2.50-2.95
		7	10	13					SPT-2	2.95-3.40
						27			DS-3	4.00
		11	13	14					SPT-3	4.50-4.95
						29			UDS-2	5.50-5.95
		12	14	15					SPT-4	5.95-6.40
						27			DS-4	7.00
		11	13	14					SPT-5	7.50-7.95
						28			UDS-3	8.50-8.95
		12	13	15					SPT-6	8.95-9.40
									DS-5	10.00
		10.40m				27			SPT-7	10.50-10.95
		Medium dense to dense, yellowish brown, silty sand with kankar		11	13	14		28		*UDS-4
10	12			16				SPT-8	12.00-12.45	
						32		DS-6	13.00	
12	13			19				SPT-9	13.50-13.95	
						34		*UDS-5	14.50-14.95	
12	14			20				SPT-10	15.00-15.45	
						34		DS-7	16.00	
							SPT-11	16.50-16.95		
17.80m							*UDS-6	17.50-17.95		



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.139

Co-ordinates E=671958.527
N=2479213.870

Field Test	Nos	Samples	Nos	Commencement Date : 21/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 21/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 306.758 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankar		14	16	20			36	
							SPT-12	18.00-18.45
							DS-8	19.00
		14	15	20			35	
							SPT-13	19.50-19.95
		16	17	21			38	
							*UDS-7	20.50-20.95
							SPT-14	21.00-21.45
							DS-9	22.00
		15	17	20			37	
Hard, yellowish grey, silty clay with decomposed rock fragments.								
		13	15	19			34	
							*UDS-9	26.50-26.95
							SPT-18	27.00-27.45
							DS-11	28.00
		14	16	20			36	
							SPT-19	28.50-28.95
							DS-12	29.50
		15	17	21			38	
							SPT-20	30.00-30.45



BH-139/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

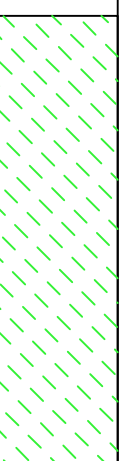
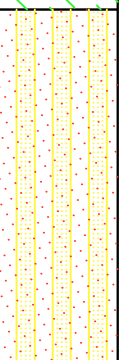
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.140

Co-ordinates E=672042.413
n=2479215.682

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 07/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.350 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
								22	SPT-1	1.50-1.95
		7	10	12					UDS-1	2.50-2.95
								23	SPT-2	2.95-3.40
		6	9	14					DS-3	4.00
								36	SPT-3	4.50-4.95
		11	17	19					*UDS-2	5.50-5.60
								44	SPT-4	5.80-6.25
		12	20	24					DS-4	7.00
Hard, reddish brown, silty clay with sand mixture & kankar.									SPT-5	7.50-7.95
		14	19	23				42	*UDS-3	8.50-8.60
								48	SPT-6	8.80-9.25
		16	22	26					DS-5	10.00
								30	SPT-7	10.50-10.95
		12	14	16					*UDS-4	11.50-11.95
								19	SPT-8	12.05-12.50
		9	7	12					DS-6	13.00
								17	SPT-9	13.50-13.95
		10	9	8					*UDS-5	14.50-14.95
Medium dense, yellowish brown, silty sand. Obs. kankar.								25	SPT-10	15.05-15.50
		11	12	13						



BH-140/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

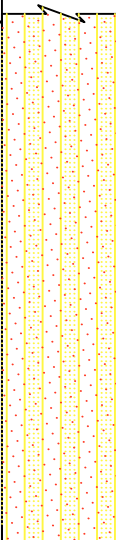
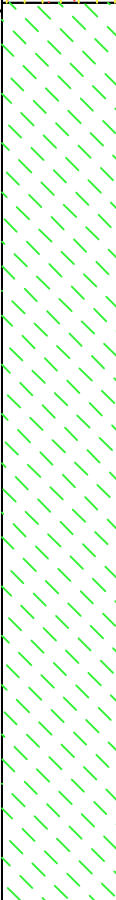
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.140

Co-ordinates E=672042.413
n=2479215.682

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 07/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.350 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand. Obs. kankar.								DS-7	16.00
		10	10	12				SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		8	11	13				SPT-12	18.05-18.50
								DS-8	19.00
Hard, yellowish grey, silty clay with sand mixture & kankar.		10	12	14				SPT-13	19.50-19.95
								*UDS-7	20.50-20.95
		9	12	16				SPT-14	21.05-21.50
								DS-9	22.00
		11	16	20				SPT-15	22.50-22.95
								*UDS-8	23.50-23.60
		11	18	22				SPT-16	23.80-24.25
								DS-10	25.00
		14	16	25				SPT-17	25.50-25.95
								*UDS-9	26.50-26.60
N.B. - '*' means sample could not be recovered.		14	23	29				SPT-18	26.80-27.25
								DS-11	28.00
		16	24	28				SPT-19	28.50-28.95
								DS-12	29.50





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.141

Co-ordinates E=672094.476
N=2479037.799

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 06/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.875 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish / brownish grey, silty clay.									DS-1	0.50
									DS-2	1.00
								24	SPT-1	1.50-1.95
		7	9	15					DS-3	2.50
									UDS-1	3.00-3.45
5.00m									SPT-2	3.45-3.90
									DS-4	4.50
								30		
		9	12	18					SPT-3	5.00-5.45
									UDS-2	6.00-6.45
Hard, reddish / brownish grey, silty clay.									SPT-4	6.45-6.90
									DS-5	7.50
								34		
		10	14	20					SPT-5	8.00-8.45
									UDS-3	9.00-9.45
8.00m									SPT-6	9.45-9.90
									DS-6	10.50
								21		
		5	9	12					SPT-7	11.00-11.45
									*UDS-4	12.00-12.45
Very stiff, reddish / brownish grey, silty clay.									SPT-8	12.55-13.00
									DS-7	13.50
								25		
		6	11	14					SPT-9	14.00-14.45
									*UDS-5	15.00-15.45
12.50m										
								26		
		7	11	15						
Medium dense to dense, brownish grey, silty sand.										
								28		
		8	12	16						
								31		
15.75m										
		8	13	18						



BH-141/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.141

Co-ordinates E=672094.476
N=2479037.799

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 06/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.875 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 9.70 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, brownish grey, silty sand.		9	15	20	35		SPT-10	15.55-16.00
							DS-8	16.50
		6	8	14	22		SPT-11	17.00-17.45
							UDS-6	18.00-18.45
		7	9	15	24		SPT-12	18.55-19.00
							DS-9	19.50
		8	10	17	27		SPT-13	20.00-20.45
							*UDS-7	21.00-21.45
		8	13	18	31		SPT-14	21.55-22.00
							DS-10	22.50
Very stiff, yellowish / brownish grey, silty clay.		9	15	20	35		SPT-15	23.00-23.45
							*UDS-8	24.00-24.45
		9	17	22	39		SPT-16	24.55-25.00
Hard, yellowish / brownish grey, silty clay.							DS-11	25.00
		6	12	15	27		SPT-17	25.50-25.95
							DS-12	26.50
		7	14	17	31		SPT-18	27.00-27.45
							DS-13	28.00
		7	16	18	34		SPT-19	29.00-29.45
		6	17	19	36		SPT-20	30.00-30.45



BH-141/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.142

Co-ordinates E=672293.994
N=2479142.074

Field Test	Nos	Samples	Nos	Commencement Date : 29/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	3	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	18	Level Of Ground : 308.027 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.55-3.00
									SPT-2	3.00-3.45
									DS-3	4.00
									SPT-3	4.50-4.95
6.00m										
									*UDS-2	5.50-5.85
									SPT-4	6.00-6.45
									DS-4	7.00
									SPT-5	7.50-7.95
									*UDS-3	8.50-8.85
									SPT-6	9.00-9.45
Hard, reddish brown, silty clay with sand mixture.									DS-5	10.00
									SPT-7	10.50-10.95
									DS-6	11.50
									SPT-8	12.00-12.45
									DS-7	13.00
									SPT-9	13.50-13.95
									DS-8	14.50
13.50m									SPT-10	15.00-15.45
									DS-9	16.00
									SPT-11	16.50-16.95
17.80m										
									DS-10	17.50



BH-142/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.142

Co-ordinates E=672293.994
N=2479142.074

Field Test	Nos	Samples	Nos	Commencement Date : 29/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	3	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	18	Level Of Ground : 308.027 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Very dense, yellowish brown, silty sand.		17	23	28	51			SPT-12	18.00-18.45
								DS-11	19.00
		19	25	30	55			SPT-13	19.50-19.95
								DS-12	20.50
		20	27	32	59			SPT-14	21.00-21.45
								DS-13	22.00
		18	22	30	52			SPT-15	22.50-22.95
								DS-14	23.50
		20	23	33	56			SPT-16	24.00-24.45
								DS-15	25.00
Hard, brownish grey, silty clay with steel grey patches.Obs. sand mixture.		15	18	23	41			SPT-17	25.50-25.95
								DS-16	26.50
		18	20	24	44			SPT-18	27.00-27.45
								DS-17	28.00
		19	22	25	47			SPT-19	28.50-28.95
								DS-18	29.50
		20	24	29	53			SPT-20	30.00-30.45

N.B. - '*' means sample could not be recovered.



BH-142/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.143

Co-ordinates E=672402.465
N=2479108.979

Field Test	Nos	Samples	Nos	Commencement Date : 28/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	2	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	19	Level Of Ground : 307.997 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay. Obs. sand mixture.		6	8	11					DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									*UDS-1	2.50-2.95
									SPT-2	3.00-3.45
									DS-3	4.00
4.50m										
Hard, reddish brown, silty clay. Obs. sand mixture.		8	15	18					SPT-3	4.50-4.95
									UDS-2	5.55-6.00
									SPT-4	6.00-6.45
									DS-4	7.00
									SPT-5	7.50-7.95
									DS-5	8.50
10.00m										
Hard, reddish brown, silty clay with sand mixture.		10	15	27					SPT-6	9.00-9.45
									DS-6	10.00
									SPT-7	10.50-10.95
									DS-7	11.50
									SPT-8	12.00-12.45
									DS-8	13.00
13.50m										
Very dense, yellowish brown, silty sand.		14	22	33					SPT-9	13.50-13.95
									DS-9	14.50
									SPT-10	15.00-15.45
									DS-10	16.00
									SPT-11	16.50-16.95
17.80m									DS-11	17.50



BH-143/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

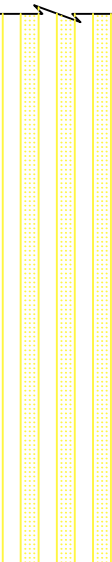
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.143

Co-ordinates E=672402.465
N=2479108.979

Field Test	Nos	Samples	Nos	Commencement Date : 28/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	2	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	19	Level Of Ground : 307.997 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Very dense, yellowish brown, silty sand.		15	23	31	54		SPT-12	18.00-18.45
							DS-12	19.00
		16	24	33	57		SPT-13	19.50-19.95
							DS-13	20.50
		14	25	33	58		SPT-14	21.00-21.45
							DS-14	22.00
		11	24	30	54		SPT-15	22.50-22.95
							DS-15	23.50
		13	18	39	57		SPT-16	24.00-24.45
							DS-16	25.00
Hard, brownish grey, silty clay with steel grey patches. Obs. sand mixture.		15	16	23	39		SPT-17	25.50-25.95
							DS-17	26.50
		13	15	25	40		SPT-18	27.00-27.45
							DS-18	28.00
		15	20	27	47		SPT-19	28.50-28.95
							DS-19	29.50
		19	22	28	50		SPT-20	30.00-30.45



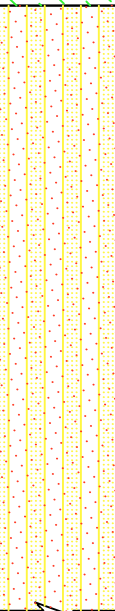
N.B. - '*' means sample could not be recovered.

BORE LOG DATA SHEET

BORE HOLE NO.144

Co-ordinates	E=672522.215 N=2479070.077
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Field Test	Nos	Samples	Nos	Commencement Date :	25/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	19	Undisturbed (UDS)	8	Completion Date :	25/05/2024
		Penetrometer (SPT)	19	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	13	Level Of Ground :	307.547 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	10.15 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish / brownish grey, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		3	4	5		<u>9</u>			SPT-1	1.50-1.95
									DS-3	2.50
		3	5	6		<u>11</u>			UDS-1	3.00-3.45
									SPT-2	3.45-3.90
									DS-4	4.50
		4	6	7		<u>13</u>			SPT-3	5.00-5.45
									UDS-2	6.00-6.45
		5	7	9		<u>16</u>			SPT-4	6.45-6.90
									DS-5	7.50
		7	9	11		<u>20</u>			SPT-5	8.00-8.45
									UDS-3	9.00-9.45
		8	11	13		<u>24</u>			SPT-6	9.45-9.90
									DS-6	10.50
		11.00m					<u>26</u>		SPT-7	11.00-11.45
Medium dense, brownish grey, silty sand.								*UDS-4	12.00-12.45	
								<u>30</u>	SPT-8	12.55-13.00
		9	14	16					DS-7	13.50
								<u>34</u>	SPT-9	14.00-14.45
		11	16	18					*UDS-5	15.00-15.45
								<u>36</u>	SPT-10	15.55-16.00
		12	17	19					DS-8	16.50
17.80m						<u>32</u>	SPT-11	17.00-17.45		



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

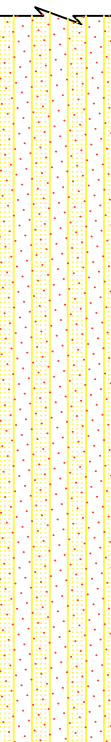
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.144

Co-ordinates E=672522.215
N=2479070.077

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.547 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.15 m.

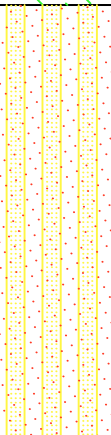
DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense, brownish grey, silty sand.		11	17	19				*UDS-6	18.00-18.45
								SPT-12	18.55-19.00
								DS-9	19.50
		9	13	17				SPT-13	20.00-20.45
								*UDS-7	21.00-21.45
		7	10	12				SPT-14	21.55-22.00
								DS-10	22.50
		8	12	15				SPT-15	23.00-23.45
								*UDS-8	24.00-24.45
		9	14	18				SPT-16	24.55-25.00
Very stiff / hard, yellowish / brownish grey, silty clay with sand mixture.		7	12	17				DS-11	25.50
								SPT-17	26.00-26.45
		9	14	20				DS-12	27.00
								SPT-18	27.50-27.95
								DS-13	28.50
		9	16	25				SPT-19	30.00-30.45

N.B. - '*' means sample could not be recovered.



BORE HOLE NO.145

Co-ordinates	E=672580.810 N=2479051.570
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DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		3	4	6		10			SPT-1	1.50-1.95
									DS-3	2.50
		4	5	8		13			UDS-1	3.00-3.45
									SPT-2	3.45-3.90
									DS-4	4.50
		5	8	10		18			SPT-3	5.00-5.45
									UDS-2	6.00-6.45
		5	9	12		21			SPT-4	6.45-6.90
Stiff to very stiff, reddish / dark grey, silty clay with sand mixture.								DS-5	7.50	
	6	10	13		23			SPT-5	8.00-8.45	
								UDS-3	9.00-9.45	
	6	11	15		26			SPT-6	9.45-9.90	
10.60m						30		DS-6	10.50	
		7	13	17				SPT-7	11.00-11.45	
						34		*UDS-4	12.00-12.45	
		10	15	19				SPT-8	12.55-13.00	
								DS-7	13.50	
15.45m		12	16	20		36		SPT-9	15.00-15.45	
N.B. - '*' means sample could not be recovered.										



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.146

Co-ordinates E=672499.783
N=2478996.252

Field Test	Nos	Samples	Nos	Commencement Date : 24/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.110 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, clayey silt with kankar & sand mixture.								DS-1	0.50
								DS-2	1.00
		6	8	9		17		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		7	9	10		19		SPT-2	2.95-3.40
								DS-3	4.00
		9	10	12		22		SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		11	13	15		28		SPT-4	5.95-6.40
								DS-4	7.00
8.50m Hard, reddish brown, clayey silt with kankar & sand mixture.		12	14	16		30		SPT-5	7.50-7.95
								UDS-3	8.50-8.95
		12	15	17		32		SPT-6	8.95-9.40
								DS-5	10.00
10.50m Medium dense to dense, yellowish brown, silty sand with kankar.		13	15	19		34		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		13	14	18		32		SPT-8	12.00-12.45
								DS-6	13.00
		12	15	19		34		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		12	16	20		36		SPT-10	15.00-15.45
								DS-7	16.00
17.80m		11	13	15		28		SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-146/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

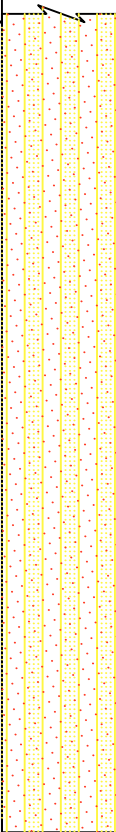
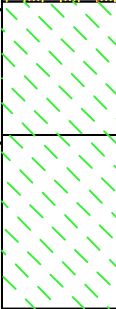
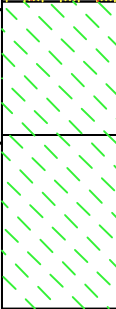
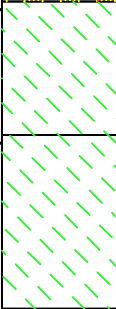
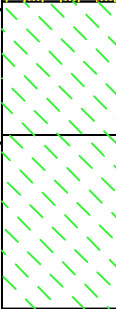
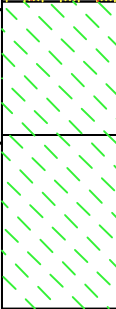
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.146

Co-ordinates E=672499.783
N=2478996.252

Field Test	Nos	Samples	Nos	Commencement Date : 24/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.110 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankar.		12	14	15				29	
								SPT-12	18.00-18.45
								DS-8	19.00
		12	15	17				32	
								SPT-13	19.50-19.95
		13	15	19				34	
								*UDS-7	20.50-20.95
								SPT-14	21.00-21.45
								DS-9	22.00
		11	16	17				33	
Very stiff, yellowish grey, silty clay with decomposed rock fragments.								34	
		13	15	19				SPT-16	24.00-24.45
Hard, yellowish grey, silty clay with decomposed rock fragments.								DS-10	25.00
		14	16	20				36	
								SPT-17	25.50-25.95
								*UDS-9	26.50-26.95
		10	13	16				29	
								SPT-18	27.00-27.45
								DS-11	28.00
		12	14	18				32	
								SPT-19	28.50-28.95
								DS-12	29.50
		13	15	20				35	
								SPT-20	30.00-30.45

N.B. - '*' means sample could not be recovered.



BH-146/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

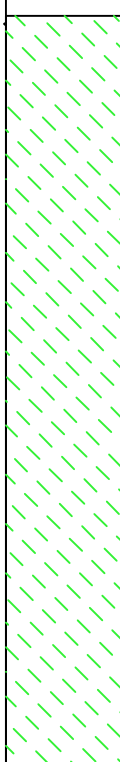
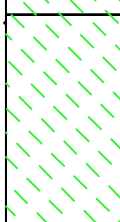
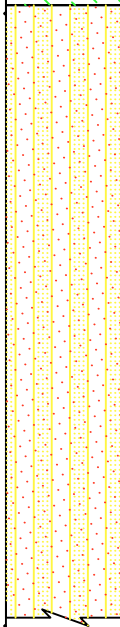
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.147

Co-ordinates E=672425.385
N=2479022.104

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.448 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH DIVN=15CM							Ref. No	Depth (m)	
0.00m Very stiff, reddish brown, clayey silt with sand mixture & kankar.		7	9	10					DS-1	0.50	
									DS-2	1.00	
									SPT-1	1.50-1.95	
									UDS-1	2.50-2.95	
		9	11	12					SPT-2	2.95-3.40	
									DS-3	4.00	
		10	12	14					SPT-3	4.50-4.95	
									UDS-2	5.50-5.95	
		11	13	14					SPT-4	5.95-6.40	
									DS-4	7.00	
11	14	15					SPT-5	7.50-7.95			
							UDS-3	8.50-8.95			
8.50m Hard, reddish brown, clayey silt with sand mixture & kankar.		12	15	17				SPT-6	8.95-9.40		
								DS-5	10.00		
		13	14	18					SPT-7	10.50-10.95	
10.95m Medium dense to dense, yellowish brown, silty sand with kankar.		9	11	12					*UDS-4	11.50-11.95	
									SPT-8	12.00-12.45	
										DS-6	13.00
										SPT-9	13.50-13.95
		10	12	14						*UDS-5	14.50-14.95
										SPT-10	15.00-15.45
		9	13	15						DS-7	16.00
										SPT-11	16.50-16.95
		10	13	14						*UDS-6	17.50-17.95
17.80m											





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

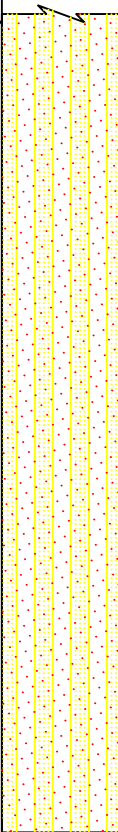
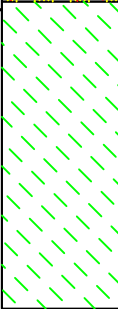
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.147

Co-ordinates E=672425.385
N=2479022.104

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.448 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankar.		11	14	16				30	
								SPT-12	18.00-18.45
								DS-8	19.00
		12	15	17				32	
								SPT-13	19.50-19.95
		13	15	18				33	
								*UDS-7	20.50-20.95
								SPT-14	21.00-21.45
								DS-9	22.00
		10	12	14				26	
Hard, yellowish grey, silty clay with decomposed rock fragments.								28	
		11	13	15				SPT-15	22.50-22.95
								*UDS-8	23.50-23.95
								SPT-16	24.00-24.45
								DS-10	25.00
		12	17	17				34	
								SPT-17	25.50-25.95
								*UDS-9	26.50-26.95
		13	15	19				34	
								SPT-18	27.00-27.45
		14	16	20				36	
								DS-11	28.00
								SPT-19	28.50-28.95
		15	17	21				38	
								DS-12	29.50
								SPT-20	30.00-30.45

N.B. - '*' means sample could not be recovered.



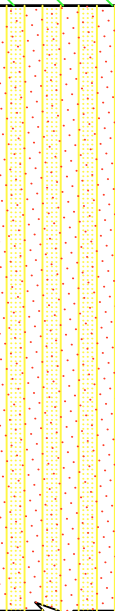
BH-147/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.148

Co-ordinates	E=672274.748 N=2473066.699
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Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 27/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.926 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH DIVN=15CM							Ref. No	Depth (m)	
Stiff to very stiff, reddish / brownish grey, sitly clay. Obs. sand mixture.										DS-1	0.50
										DS-2	1.00
		4	4	5		<u>9</u>				SPT-1	1.50-1.95
										DS-3	2.50
		5	5	6		<u>11</u>				UDS-1	3.00-3.45
										SPT-2	3.45-3.90
										DS-4	4.50
		5	6	8		<u>14</u>				SPT-3	5.00-5.45
										UDS-2	6.00-6.45
		6	8	10		<u>18</u>				SPT-4	6.45-6.90
										DS-5	7.50
		6	10	12		<u>22</u>				SPT-5	8.00-8.45
										UDS-3	9.00-9.45
		5	12	14		<u>26</u>				SPT-6	9.45-9.90
										DS-6	10.50
						<u>24</u>				SPT-7	11.00-11.45
Medium dense to dense, brownish grey, silty sand.		5	11	13		<u>28</u>			*UDS-4	12.00-12.45	
									SPT-8	12.55-13.00	
		5	13	15		<u>34</u>			DS-7	13.50	
		7	16	18		<u>31</u>			SPT-9	14.00-14.45	
									*UDS-5	15.00-15.45	
		6	14	17		<u>35</u>			SPT-10	15.55-16.00	
									DS-8	16.50	
							SPT-11	17.00-17.45			



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

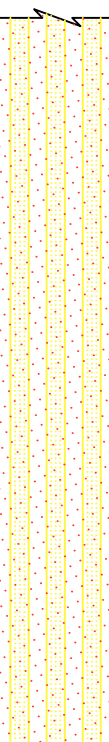
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.148

Co-ordinates E=672274.748
N=2473066.699

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 27/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.926 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.10 m.

DESCRIPTION	SYMBOL	N-VALUE										SAMPLES			
		EACH DIVN=15CM										Ref. No	Depth (m)		
Medium dense to dense, brownish grey, silty sand.		8	18	21								*UDS-6	18.00-18.45		
												SPT-12	18.55-19.00		
												DS-9	19.50		
		9	20	23									SPT-13	20.00-20.45	
													*UDS-7	21.00-21.45	
													SPT-14	21.55-22.00	
		6	15	19										DS-10	22.50
														SPT-15	23.00-23.45
														*UDS-8	24.00-24.45
		7	17	21										SPT-16	24.55-25.00
														DS-11	25.50
														SPT-17	26.00-26.45
Hard, yellowish/dark grey, silty clay with sand mixtrue.		7	19	23									DS-12	27.00	
													SPT-18	27.50-27.95	
		8	18	21										DS-13	28.50
														SPT-19	30.00-30.45
		N.B. - '*' means sample could not be recovered.													



BH-148/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.149

Co-ordinates E=672135.628
N=2478945.014

Field Test	Nos	Samples	Nos	Commencement Date : 03/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 04/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.853 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
Very stiff, reddish / brownish grey, silty clay.								DS-2	1.00
							24	SPT-1	1.50-1.95
		8	10	14				DS-3	2.50
								UDS-1	3.00-3.45
3.45m								SPT-2	3.45-3.90
Hard, reddish / brownish grey, silty clay.		10	12	18				DS-4	4.50
							33	SPT-3	5.00-5.45
		11	14	19				UDS-2	6.00-6.45
								SPT-4	6.45-6.90
		12	16	20			36	DS-5	7.50
								SPT-5	8.00-8.45
		10	12	15			27	UDS-3	9.00-9.45
11.00m								SPT-6	9.45-9.90
		12	14	17			31	DS-6	10.50
								SPT-7	11.00-11.45
		9	11	14			25	*UDS-4	12.00-12.45
								SPT-8	12.55-13.00
		9	13	16			29	DS-7	13.50
Medium dense to dense, yellowish / brownish grey, silty sand.								SPT-9	14.00-14.45
		10	15	18			33	*UDS-5	15.00-15.45
15.75m									



BH-149/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

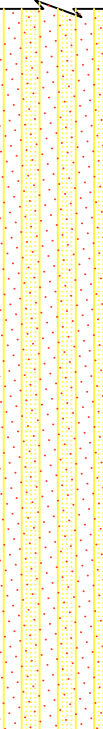
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.149

Co-ordinates E=672135.628
N=2478945.014

Field Test	Nos	Samples	Nos	Commencement Date : 03/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 04/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.853 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.50 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
15.75m		9	16	19	<u>35</u>	SPT-10	15.55-16.00
Medium dense to dense, yellowish / brownish grey, silty sand.						DS-8	16.50
		10	15	18	<u>33</u>	SPT-11	17.00-17.45
						*UDS-6	18.00-18.45
		10	16	18	<u>34</u>	SPT-12	18.55-19.00
						DS-9	19.50
		8	14	16	<u>30</u>	SPT-13	20.00-20.45
						*UDS-7	21.00-21.45
		10	15	17	<u>32</u>	SPT-14	21.55-22.00
						DS-10	22.50
23.00m				<u>35</u>	SPT-15	23.00-23.45	
Hard, yellowish / brownish grey, silty clay.		11	16	19			
24.55m					<u>22</u>	*UDS-8	24.00-24.45
		8	10	12		SPT-16	24.55-25.00
						DS-11	25.50
		10	12	14	<u>26</u>	SPT-17	26.00-26.45
						DS-12	27.00
		12	13	15	<u>28</u>	SPT-18	27.50-27.95
						DS-13	28.50
		11	14	16	<u>30</u>	SPT-19	29.00-29.45
		29.45m				<u>34</u>	SPT-20
Hard, yellowish / brownish grey, silty clay.	13	16	18				
30.45m							
N.B. - '*' means sample could not be recovered.							



BH-149/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

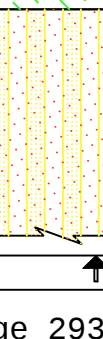
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.150

Co-ordinates E=672056.720
N=2478966.019

Field Test	Nos	Samples	Nos	Commencement Date : 04/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 05/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.672 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES				
		EACH DIVN=15CM							Ref. No	Depth (m)			
0.00m		6	11	13	<u>24</u>				DS-1	0.50			
Very stiff, reddish / brownish grey, silty clay.									DS-2	1.00			
									SPT-1	1.50-1.95			
									DS-3	2.50			
	3.45m		7	14	17	<u>31</u>	UDS-1	3.00-3.45					
	SPT-2						3.45-3.90						
	Hard, reddish / brownish grey, silty clay.		8	15	18	<u>33</u>	DS-4	4.50					
							SPT-3	5.00-5.45					
			9	17	20	<u>37</u>	UDS-2	6.00-6.45					
							SPT-4	6.45-6.90					
			8	15	18	<u>33</u>	DS-5	7.50					
SPT-5							8.00-8.45						
		9	18	20	<u>38</u>	UDS-3	9.00-9.45						
						SPT-6	9.45-9.90						
13.50m		9	16	19	<u>35</u>	DS-6	10.50						
						SPT-7	11.00-11.45						
						Medium dense to dense, brownish grey, silty sand.		10	18	21	<u>39</u>	*UDS-4	12.00-12.45
												SPT-8	12.55-13.00
15.75m		8	17	19	<u>36</u>	DS-7	13.50						
						SPT-9	14.00-14.45						
								*UDS-5	15.00-15.45				



BH-150/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

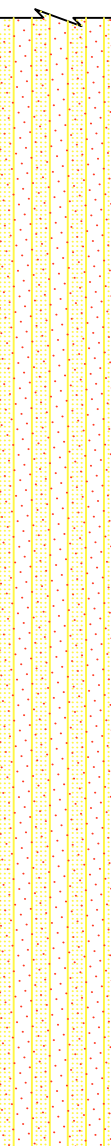
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.150

Co-ordinates E=672056.720
N=2478966.019

Field Test	Nos	Samples	Nos	Commencement Date : 04/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 05/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.672 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
15.75m Medium dense to dense, brownish grey, silty sand.		8	19	21	40			SPT-10	15.55-16.00
								DS-8	16.50
		7	15	19	34			SPT-11	17.00-17.45
								*UDS-6	18.00-18.45
		8	17	21	38			SPT-12	18.55-19.00
								DS-9	19.50
		8	18	23	41			SPT-13	20.00-20.45
								*UDS-7	21.00-21.45
		9	20	22	42			SPT-14	21.55-22.00
								DS-10	22.50
		7	12	15	27			SPT-15	23.00-23.45
								*UDS-8	24.00-24.45
		8	14	17	31			SPT-16	24.55-25.00
								DS-11	25.50
		8	16	18	34			SPT-17	26.00-26.45
27.00m Very stiff to hard, yellowish grey, silty clay.					38		DS-12	27.00	
		9	18	20			SPT-18	27.50-27.95	
							DS-13	28.50	
		6	14	15	29		SPT-19	29.00-29.45	
30.00m Hard, yellowish grey, silty clay.					33		SPT-20	30.00-30.45	
		7	16	17					
N.B. - '*' means sample could not be recovered.									



BH-150/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.151

Co-ordinates E=671984.238
N=2478986.107

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.075 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish / brownish grey, silty clay.									DS-1	0.50
									DS-2	1.00
		7	9	12				21	SPT-1	1.50-1.95
									DS-3	2.50
		9	12	15				27	UDS-1	3.00-3.45
Hard, reddish / brownish grey, silty clay.									SPT-2	3.45-3.90
									DS-4	4.50
		7	15	21				36	SPT-3	5.00-5.45
		8	18	25				43	UDS-2	6.00-6.45
		7	19	27				46	SPT-4	6.45-6.90
Dense, brownish grey, silty sand.									DS-5	7.50
		9	21	28				49	SPT-5	8.00-8.45
									UDS-3	9.00-9.45
		8	18	23				41	SPT-6	9.55-10.00
		9	20	25				45	DS-6	10.50
									SPT-7	11.00-11.45
		7	17	19				36	*UDS-4	12.00-12.45
									SPT-8	12.55-13.00
									DS-7	13.50
									SPT-9	14.00-14.45
									*UDS-5	15.00-15.45



BH-151/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

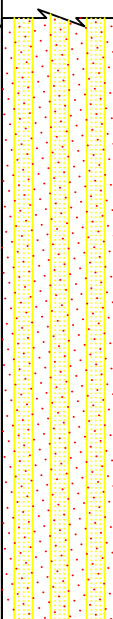
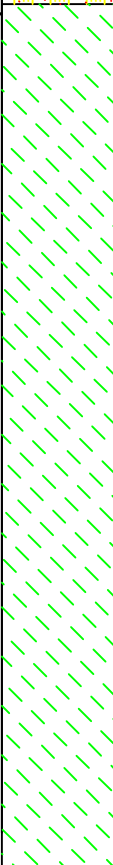
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.151

Co-ordinates E=671984.238
N=2478986.107

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.075 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Dense, brownish grey, silty sand.		8	19	21	<u>40</u>		SPT-10	15.55-16.00
							DS-8	16.50
		7	15	19	<u>34</u>		SPT-11	17.00-17.45
							UDS-6	18.00-18.45
		8	17	21	<u>38</u>		SPT-12	18.55-19.00
							DS-9	19.50
		6	14	18	<u>32</u>		SPT-13	20.00-20.45
							*UDS-7	21.00-21.45
		7	15	19	<u>34</u>		SPT-14	21.55-22.00
							DS-10	22.50
Hard, brownish / yellowish grey, silty clay.		8	17	21	<u>38</u>		SPT-15	23.00-23.45
							*UDS-8	24.00-24.45
		8	18	23	<u>41</u>		SPT-16	24.55-25.00
							DS-11	25.50
		6	15	20	<u>35</u>		SPT-17	26.00-26.45
							DS-12	27.00
		7	17	23	<u>40</u>		SPT-18	27.50-27.95
							DS-13	28.50
		8	16	22	<u>38</u>		SPT-19	29.00-29.45
		8	17	24	<u>41</u>		SPT-20	30.00-30.45
N.B. - '*' means sample could not be recovered.								



BH-151/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.152

Co-ordinates E=671949.251
N=2479148.251

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 22/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 306.677 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, clayey silt with kankar & sand mixture.								DS-1	0.50
								DS-2	1.00
		9	10	12		22		SPT-1	1.50-1.95
						25		UDS-1	2.50-2.95
		10	12	13				SPT-2	2.95-3.40
						28		DS-3	4.00
		10	13	15				SPT-3	4.50-4.95
8.50m Hard, reddish brown, clayey silt with kankar & sand mixture.						29		UDS-2	5.50-5.95
		12	14	15				SPT-4	5.95-6.40
						30		DS-4	7.00
10.30m Dense, yellowish brown, silty sand with kankar.		13	14	16				SPT-5	7.50-7.95
						35		UDS-3	8.50-8.95
		14	16	19				SPT-6	8.95-9.40
						36		DS-5	10.00
		14	16	20				SPT-7	10.50-10.95
						34		UDS-4	11.50-11.95
		15	15	19				SPT-8	12.00-12.45
17.80m						36		DS-6	13.00
		14	16	20				SPT-9	13.50-13.95
						35		*UDS-5	14.50-14.95
		15	16	19				SPT-10	15.00-15.45
								DS-7	16.00
		16	18	20		38		SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-152/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

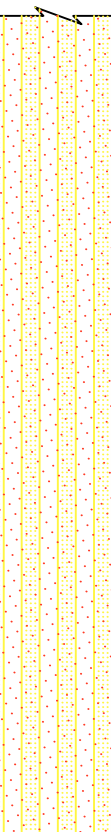
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.152

Co-ordinates E=671949.251
N=2479148.251

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 22/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 306.677 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.30 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Dense, yellowish brown, silty sand with kankar.		17	18	21	39	SPT-12	18.00-18.45
						DS-8	19.00
		17	20	22	42	SPT-13	19.50-19.95
						*UDS-7	20.50-20.95
		13	19	22	41	SPT-14	21.00-21.45
						DS-9	22.00
		14	18	20	38	SPT-15	22.50-22.95
						UDS-8	23.50-23.95
		15	20	21	41	SPT-16	24.00-24.45
						DS-10	25.00
Hard, yellowish grey, silty clay with decomposed rock fragments.		16	20	22	42	SPT-17	25.50-25.95
						*UDS-9	26.50-26.95
		12	14	18	32	SPT-18	27.00-27.45
						DS-11	28.00
		13	15	19	34	SPT-19	28.50-28.95
						DS-12	29.50
		15	17	19	36	SPT-20	30.00-30.45



BH-152/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.153

Co-ordinates E=671948.454
N=2479091.400

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 22/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.038 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		5	6	10		16		SPT-1	1.50-1.95
								DS-3	2.50
		7	9	13		22		UDS-1	3.00-3.45
								SPT-2	3.45-3.90
		8	11	15		26		DS-4	4.50
								SPT-3	5.00-5.45
		9	12	17		29		UDS-2	6.00-6.45
								SPT-4	6.45-6.90
								DS-5	7.50
8.00m		10	14	19		33		SPT-5	8.00-8.45
		8	12	18		30		UDS-3	9.00-9.45
								SPT-6	9.45-9.90
								DS-6	10.50
10.70m		10	14	21		35		SPT-7	11.00-11.45
		11	15	23		38		*UDS-4	12.00-12.45
								SPT-8	12.55-13.00
		12	17	25		42		DS-7	13.50
								SPT-9	14.00-14.45
		14	19	27		46		*UDS-5	15.00-15.45
								SPT-10	15.55-16.00
								DS-8	16.50
		16	21	27		48		SPT-11	17.00-17.45
17.80m									



BH-153/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

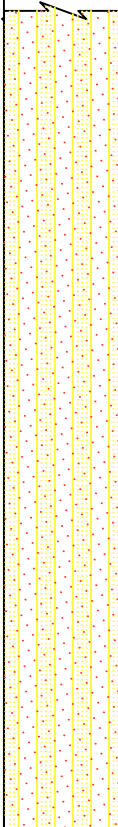
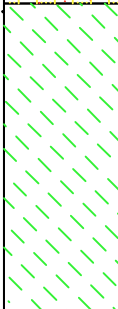
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.153

Co-ordinates E=671948.454
N=2479091.400

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 22/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.038 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES		
		EACH DIVN=15CM						Ref. No	Depth (m)	
Dense, dark grey, silty sand with traces of mica.						41			*UDS-6	18.00-18.45
		13	18	23					SPT-12	18.55-19.00
						45			DS-9	19.50
		15	19	26					SPT-13	20.00-20.45
						32			*UDS-7	21.00-21.45
		13	15	17					SPT-14	21.55-22.00
						38			DS-10	22.50
		16	18	20					SPT-15	23.00-23.45
						46			*UDS-8	24.00-24.45
		14	21	25					SPT-16	24.55-25.00
Hard, yellowish / brownish grey, silty clay with sand mixture.						51			DS-11	25.50
		15	23	28					SPT-17	26.00-26.45
									DS-12	27.00
						43			SPT-18	27.55-28.00
									DS-13	28.50
						46				
		14	22	24				SPT-19	30.00-30.45	
N.B. - '*' means sample could not be recovered.										



BH-153/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.154

Co-ordinates	E=671989.682 N=2479037.826
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Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	19	Undisturbed (UDS)	8	Completion Date : 23/05/2024
		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
		Disturbed (DS)	14	Level Of Ground : 306.888 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.30 m.

[illegible]



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

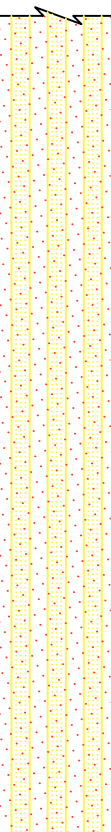
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.154

Co-ordinates E=671989.682
N=2479037.826

Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 23/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 306.888 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, dark grey, silty sand.									
Hard, yellowish grey, silty clay.									



BH-154/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

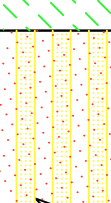
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.155

Co-ordinates E=671954.772
N=2478922.589

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 07/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.342 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish / brownish grey, silty clay.								DS-1	0.50
								DS-2	1.00
							22	SPT-1	1.50-1.95
		8	10	12				DS-3	2.50
								UDS-1	3.00-3.45
							30	SPT-2	3.45-3.90
		10	14	16				DS-4	4.50
								SPT-3	5.00-5.45
		9	13	17			30	UDS-2	6.00-6.45
								SPT-4	6.45-6.90
6.45m Hard, reddish / brownish grey, silty clay.		9	15	19			34	DS-5	7.50
								SPT-5	8.00-8.45
		8	14	18			32	UDS-3	9.00-9.45
								SPT-6	9.55-10.00
		9	17	21			38	DS-6	10.50
								SPT-7	11.00-11.45
		8	16	15			31	*UDS-4	12.00-12.45
								SPT-8	12.55-13.00
		9	14	17			31	DS-7	13.50
								SPT-9	14.00-14.45
14.00m Medium dense to dense, brownish grey, silty sand.		8	12	16			28	*UDS-5	15.00-15.45
15.75m									



BH-155/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

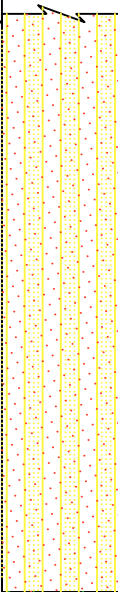
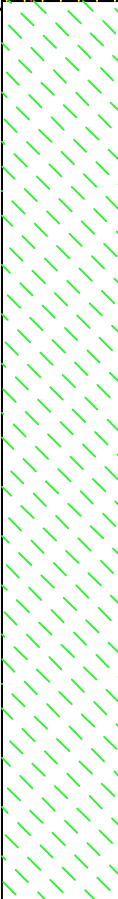
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.155

Co-ordinates E=671954.772
N=2478922.589

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 07/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.342 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.10 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, brownish grey, silty sand.		9	14	18	32	SPT-10	15.55-16.00
						DS-8	16.50
		10	16	21	37	SPT-11	17.00-17.45
		11	18	23	41	*UDS-6	18.00-18.45
						SPT-12	18.55-19.00
Hard, yellowish / brownish grey, silty clay.		12	19	25	44	DS-9	19.50
						SPT-13	20.00-20.45
						*UDS-7	21.00-21.45
		12	20	28	48	SPT-14	21.55-22.00
						DS-10	22.50
		11	18	25	43	SPT-15	23.00-23.45
						*UDS-8	24.00-24.45
		12	22	27	49	SPT-16	24.55-25.00
						DS-11	25.50
		13	21	26	47	SPT-17	26.00-26.45
N.B. - '*' means sample could not be recovered.						*UDS-9	27.00-27.10
		14	23	28	51	SPT-18	27.30-27.75
						DS-12	28.30
		16	24	29	53	SPT-19	28.80-29.25
						DS-13	29.70
		18	23	32	55	SPT-20	30.00-30.45



BH-155/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.156

Co-ordinates E=672063.158
N=2478909.773

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 05/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.844 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.									DS-1	0.50
									DS-2	1.00
		9	12	15				27	SPT-1	1.50-1.95
									UDS-1	2.50-2.95
2.95m										
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.		10	14	17				31	SPT-2	2.95-3.40
									DS-3	4.00
		11	16	19				35	SPT-3	4.50-4.95
									*UDS-2	5.50-5.60
		12	18	22				40	SPT-4	5.80-6.25
									DS-4	7.00
		9	14	19				33	SPT-5	7.50-7.95
8.50m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.									UDS-3	8.50-8.95
		11	13	17				30	SPT-6	8.95-9.40
									DS-5	10.00
		9	12	14				26	SPT-7	10.50-10.95
12.00m										
Medium dense to dense, yellowish brown, silty sand. Obs. kankar.									*UDS-4	11.50-11.95
		6	10	11				21	SPT-8	12.05-12.50
									DS-6	13.00
		8	12	16				28	SPT-9	13.50-13.95
15.75m										
									*UDS-5	14.50-14.95
		10	13	16				29	SPT-10	15.05-15.50



BH-156/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.156

Co-ordinates E=672063.158
N=2478909.773

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 05/06/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.844 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
15.75m Medium dense to dense, yellowish brown, silty sand. Obs. kankar.								DS-7	16.00
		13	16	18				SPT-11	16.50-16.95
							34		
		12	17	20				*UDS-6	17.50-17.95
							37	SPT-12	18.05-18.50
								DS-8	19.00
		13	16	19				SPT-13	19.50-19.95
							35		
		14	18	22				*UDS-7	20.50-20.95
							40	SPT-14	21.05-21.50
25.00m Hard, yellowish grey, silty clay with sand mixture. Obs. kankar.								DS-9	22.00
		13	15	21				SPT-15	22.50-22.95
							36		
		15	18	23				*UDS-8	23.50-23.95
							41	SPT-16	24.05-24.50
								DS-10	25.00
		14	19	24				SPT-17	25.50-25.95
							43		
		16	21	25				*UDS-9	26.50-26.60
							46	SPT-18	26.80-27.25
30.00m								DS-11	28.00
		17	22	28				SPT-19	28.50-28.95
							50	DS-12	29.50
		16	23	30				SPT-20	30.00-30.45
							53		

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

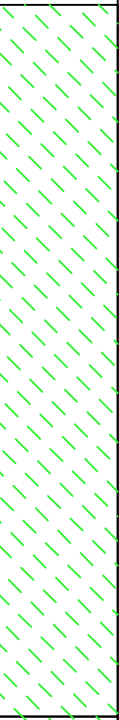
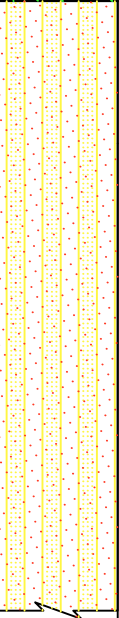
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.157

Co-ordinates E=672157.470
N=2478895.620

Field Test	Nos	Samples	Nos	Commencement Date : 29/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.948 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.15 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Very stiff, reddish / brownish grey, silty clay with sand mixture.								DS-1	0.50
								DS-2	1.00
		6	7	9		16		SPT-1	1.50-1.95
								DS-3	2.50
		7	9	12		21		UDS-1	3.00-3.45
								SPT-2	3.45-3.90
		7	10	13		23		DS-4	4.50
								SPT-3	5.00-5.45
		8	12	15		27		UDS-2	6.00-6.45
								SPT-4	6.45-6.90
Hard, reddish / brownish grey, silty clay with sand mixture.		8	14	17		31		DS-5	7.50
								SPT-5	8.00-8.45
		9	16	19		35		UDS-3	9.00-9.45
								SPT-6	9.45-9.90
Medium dense to dense, brownish grey, silty sand.		9	17	20		37		DS-6	10.50
								SPT-7	11.00-11.45
		10	17	21		38		*UDS-4	12.00-12.45
								SPT-8	12.55-13.00
		9	16	20		36		DS-7	13.50
								SPT-9	14.00-14.45
		7	14	17		31		*UDS-5	15.00-15.45
								SPT-10	15.55-16.00
		8	16	19		35		DS-8	16.50
								SPT-11	17.00-17.45



BH-157/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

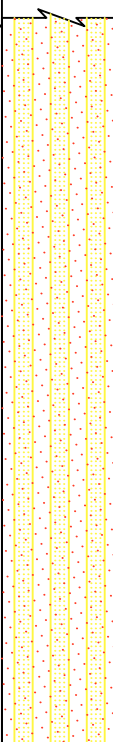
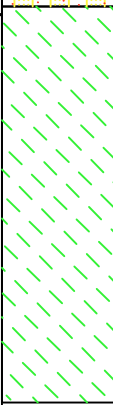
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.157

Co-ordinates E=672157.470
N=2478895.620

Field Test	Nos	Samples	Nos	Commencement Date : 29/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.948 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.15 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, brownish grey, silty sand.									
Hard, yellowish / brownish grey, silty clay with sand mixture.									
N.B. — ‘*’ means sample could not be recovered.									



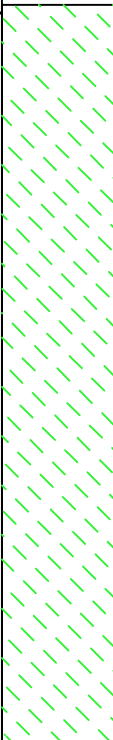
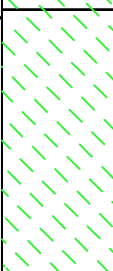
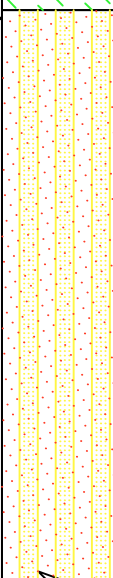
BH-157/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.158

Co-ordinates	E=672308.375 N=2478876.053
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Field Test	Nos	Samples	Nos	Commencement Date : 28/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	10	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.709 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.25 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH DIVN=15CM								Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture.										DS-1	0.50
										DS-2	1.00
		6	7	8					15	SPT-1	1.50-1.95
									21	UDS-1	2.50-2.95
		8	10	11						SPT-2	2.95-3.40
									24	DS-3	4.00
		8	11	13						SPT-3	4.50-4.95
									29	UDS-2	5.50-5.95
		10	13	16						SPT-4	5.95-6.40
									27	DS-4	7.00
8.50m Hard, reddish brown, silty clay with sand mixture.									SPT-5	7.50-7.95	
									32	UDS-3	8.50-8.95
		11	14	18						SPT-6	8.95-9.40
									31	DS-5	10.00
11.40m Medium dense to dense, yellowish brown, silty sand with kankar.		10	14	17					SPT-7	10.50-10.95	
									24	*UDS-4	11.50-11.95
		7	11	13						SPT-8	12.00-12.45
									25	DS-6	13.00
		8	12	13						SPT-9	13.50-13.95
									31	*UDS-5	14.50-14.95
		7	14	17						SPT-10	15.00-15.45
									31	DS-7	16.00
17.80m		9	13	18					SPT-11	16.50-16.95	
										*UDS-6	17.50-17.95



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

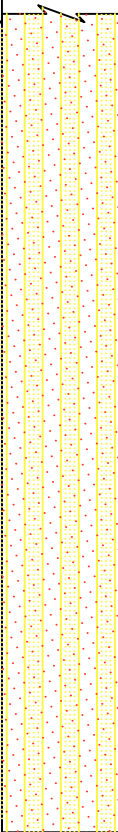
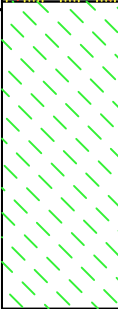
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.158

Co-ordinates E=672308.375
N=2478876.053

Field Test	Nos	Samples	Nos	Commencement Date : 28/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	10	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.709 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.25 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankar.		10	14	18			32	
							SPT-12	18.05-18.50
							DS-8	19.00
		11	16	19			35	
							SPT-13	19.50-19.95
		11	15	18			33	
							*UDS-7	20.50-20.95
							SPT-14	21.00-21.45
		11	16	19			35	
							DS-9	22.00
Hard, yellowish grey, silty clay with decomposed rock fragments.		12	17	20			37	
							SPT-16	24.05-24.50
		11	16	20			36	
							DS-10	25.00
							SPT-17	25.50-25.95
		10	13	18			31	
							*UDS-9	26.50-26.95
							SPT-18	27.00-27.45
		12	15	19			34	
							DS-11	28.00
		12	16	20			36	
							*UDS-10	29.50-29.95
							SPT-20	30.00-30.45



BH-158/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.159

Co-ordinates	E=672453.478 N=2478854.538
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Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	20	Undisturbed (UDS)	9	Completion Date : 23/05/2024
		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
		Disturbed (DS)	12	Level Of Ground : 307.299 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 11.00 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH	DIVN=15CM						Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		8	9	10		19			SPT-1	1.50-1.95
						22			UDS-1	2.50-2.95
		9	10	12					SPT-2	2.95-3.40
						23			DS-3	4.00
		10	11	12					SPT-3	4.50-4.95
						29			UDS-2	5.50-5.95
		10	13	16					SPT-4	5.95-6.40
						28			DS-4	7.00
		11	13	15					SPT-5	7.50-7.95
						32			UDS-3	8.50-8.95
		12	15	17					SPT-6	8.95-9.40
						29			DS-5	10.00
		12	14	15					SPT-7	10.50-10.95
						22			WS-1	11.00
									UDS-4	11.55-12.00
12.00m		9	10	12					SPT-8	12.00-12.45
					24			DS-6	13.00	
	9	11	13					SPT-9	13.50-13.95	
					26			*UDS-5	14.50-14.95	
	10	12	14					SPT-10	15.00-15.45	
					25			DS-7	16.00	
	11	12	13					SPT-11	16.50-16.95	
17.80m								*UDS-6	17.50-17.95	



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

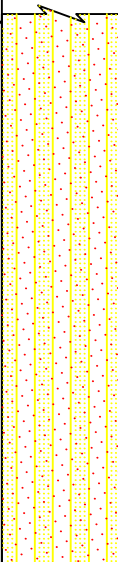
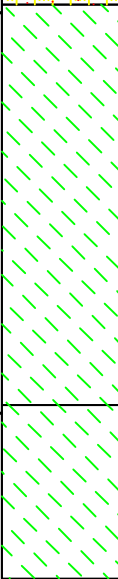
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.159

Co-ordinates E=672453.478
N=2478854.538

Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 23/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.299 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 11.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand with kankar.		10	13	15				28	
								SPT-12	18.00-18.45
								DS-8	19.00
		7	11	14				25	
								SPT-13	19.50-19.95
								*UDS-7	20.50-20.95
		6	10	16				26	
								SPT-14	21.00-21.45
								DS-9	22.00
		7	11	15				26	
Very stiff, yellowish grey, silty clay with decomposed rock fragments.								SPT-15	22.50-22.95
								*UDS-8	23.50-23.95
		9	12	14				26	
								SPT-16	24.00-24.45
								DS-10	25.00
		10	12	15				27	
								SPT-17	25.50-25.95
								UDS-9	26.50-26.95
		12	13	16				29	
								SPT-18	26.95-27.40
Hard, yellowish grey, silty clay with decomposed rock fragments.								DS-11	28.00
		14	16	17				33	
								SPT-19	28.50-28.95
								DS-12	29.50
		15	18	20				38	
								SPT-20	30.00-30.45

N.B. - '*' means sample could not be recovered.



BH-159/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 04/06/2024

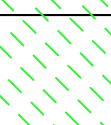
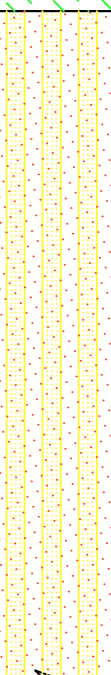
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.160

Co-ordinates E=672511.555
N=2478889.872

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 27/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.982 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.50 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, clayey silt with kankar & sand mixture.									DS-1	0.50
									DS-2	1.00
		5	6	8			14		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		7	9	11			20		SPT-2	2.95-3.40
									DS-3	4.00
		7	10	12			22		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		9	11	14			25		SPT-4	5.95-6.40
									DS-4	7.00
8.95m Hard, reddish brown, clayey silt with kankar & sand mixture.		12	14	15			29		SPT-5	7.50-7.95
									UDS-3	8.50-8.95
10.30m Medium dense to dense, yellowish brown, silty sand with kankars		11	15	17			32		SPT-6	8.95-9.40
									DS-5	10.00
		12	16	19			35		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		9	12	14			26		SPT-8	12.00-12.45
									DS-6	13.00
		10	12	15			27		SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		10	14	17			31		SPT-10	15.00-15.45
									DS-7	16.00
17.80m		12	14	18			32		SPT-11	16.50-16.95
									*UDS-6	17.50-17.95



BH-160/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 04/06/2024

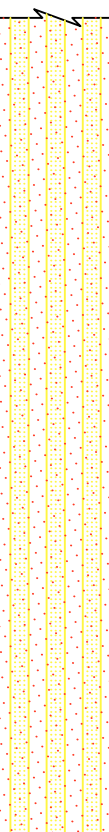
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO. 160

Co-ordinates E=672511.555
N=2478889.872

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	9	Completion Date : 27/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.982 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.50 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense to dense, yellowish brown, silty sand with kankars		13	15	19			34	SPT-12	18.00-18.45
								DS-8	19.00
		14	16	20			36	SPT-13	19.50-19.95
								*UDS-7	20.50-20.95
		13	15	18			33	SPT-14	21.00-21.45
								DS-9	22.00
		14	16	20			36	SPT-15	22.50-22.95
								*UDS-8	23.50-23.95
		15	17	21			38	SPT-16	24.00-24.45
								DS-10	25.00
Hard, yellowish grey, silty clay with decoomosed rock fragments.		14	15	20			35	SPT-17	25.50-25.95
								*UDS-9	26.50-26.95
		12	14	17			31	SPT-18	27.00-27.45
								DS-11	28.00
		13	16	20			36	SPT-19	28.50-28.95
								DS-12	29.50
		14	17	22			39	SPT-20	30.00-30.45
N.B. - '*' means sample could not be recovered.									

N.B. - '*' means sample could not be recovered.



BH-160/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.161

Co-ordinates E=672557.264
N=247883.456

Field Test	Nos	Samples	Nos	Commencement Date : 21/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	9	Completion Date : 21/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.134 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		4	6	9	15			SPT-1	1.50-1.95
								DS-3	2.50
								UDS-1	3.00-3.45
		6	9	12	21			SPT-2	3.45-3.90
								DS-4	4.50
		8	10	14	24			SPT-3	5.00-5.45
								UDS-2	6.00-6.45
		9	13	15	28			SPT-4	6.45-6.90
								DS-5	7.50
8.00m		11	15	18	33			SPT-5	8.00-8.45
								UDS-3	9.00-9.45
		12	16	20	36			SPT-6	9.45-9.90
								DS-6	10.50
11.00m		14	19	24	43			SPT-7	11.00-11.45
								*UDS-4	12.00-12.45
		16	21	27	48			SPT-8	12.55-13.00
								DS-7	13.50
14.00m		18	23	29	52			SPT-9	14.00-14.45
								*UDS-5	15.00-15.45
		20	25	32	57			SPT-10	15.50-15.95
								DS-8	16.50
		22	24	34	58			SPT-11	17.00-17.45
17.80m									



BH-161/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

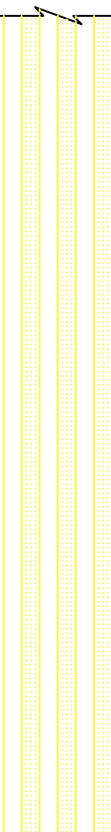
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.161

Co-ordinates E=672557.264
N=247883.456

Field Test	Nos	Samples	Nos	Commencement Date : 21/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	9	Completion Date : 21/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	13	Level Of Ground : 307.134 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Very dense, brownish grey, silty sand.								*UDS-6	18.00-18.45
		20	23	33			56	SPT-12	18.55-19.00
								DS-9	19.50
		21	25	34			59	SPT-13	20.00-20.45
								*UDS-7	21.00-21.45
		18	21	29			50	SPT-14	21.55-22.00
								DS-10	22.50
		21	23	33			56	*UDS-8	23.00-23.45
								SPT-15	23.55-24.00
								DS-11	24.50
		23	26	36			62	SPT-16	25.00-25.45
								*UDS-9	26.00-26.45
Hard, brownish grey to yellowish grey, silty clay with kankar.		21	25	34			59	SPT-17	26.55-27.00
								DS-12	27.50
		20	24	33			57	SPT-18	28.00-28.45
								DS-13	29.00
		21	25	26			51	SPT-19	30.00-30.45



BH-161/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.162

Co-ordinates E=672821.567
N=2479584.698

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.898 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.50 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand & kankar.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
4.50m										
Hard, reddish brown, silty clay with sand & kankar.									SPT-3	4.50-4.95
									UDS-2	5.50-5.80
									SPT-4	5.80-6.25
									DS-4	7.00
									SPT-5	7.55-8.00
									*UDS-3	8.45-8.90
8.30m										
Medium dense to dense, brownish grey, silty sand. Obs. kankar.									SPT-6	9.00-9.45
									DS-5	10.00
									SPT-7	10.55-11.00
									*UDS-4	11.50-11.95
									SPT-8	12.10-12.55
									DS-6	13.00
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.10-15.55
15.75m										



BH-162/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO.162

Co-ordinates	E=672821.567 N=2479584.698
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Field Test	Nos	Samples	Nos	Commencement Date :	15/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	16	Undisturbed (UDS)	7	Completion Date :	15/05/2024
		Penetrometer (SPT)	16	Bore Hole Diameter :	150 mm./NX.
		Disturbed (DS)	10	Level Of Ground :	298.898 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	10.50 m

[illegible]

N.B. - '*' means sample could not be recovered.



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.163

Co-ordinates E=672943.408
N=2479506.600

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	7	Level Of Ground : 298.497 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Filled up soil with brownish grey, clayey silt with boulder, kankars & sand.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									DS-3	2.50
									UDS-1	3.00-3.45
									SPT-2	3.45-3.90
									DS-4	4.50
									SPT-3	5.00-5.45
									UDS-2	6.00-6.45
									SPT-4	6.45-6.90
									DS-5	7.50
									SPT-5	8.00-8.45
									*UDS-3	9.00-9.45
									SPT-6	9.60-10.05
									DS-6	10.50
									SPT-7	11.00-11.45
									*UDS-4	12.00-12.45
									SPT-8	12.60-13.05
									DS-7	13.50
									SPT-9	14.00-14.45
									SPT-10	15.00-15.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.164

Co-ordinates E=673098.007
N=2479398.016

Field Test	Nos	Samples	Nos	Commencement Date : 14/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	3	Completion Date : 14/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 300.656 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 9.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Medium, reddish / brownish grey, silty clay.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									DS-3	2.50
									UDS-1	3.00-3.45
									SPT-2	3.45-3.90
									DS-4	4.50
5.00m										
Stiff to very stiff, reddish / brownish grey, silty clay.									SPT-3	5.00-5.45
									UDS-2	6.00-6.45
									SPT-4	6.45-6.90
7.50m									DS-5	7.50
Medium dense, brownish grey, silty sand.									SPT-5	8.00-8.45
									DS-6	9.00
									WS-1	9.10
									SPT-6	9.50-9.95
									DS-7	10.20
									SPT-7	10.50-10.95
									DS-8	11.50
									*UDS-3	12.00-12.45
									SPT-8	12.55-13.00
									DS-9	13.50
N.B. - '*' means sample could not be recovered.									SPT-9	14.00-14.45
									SPT-10	15.00-15.45
15.45m										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.165

Co-ordinates E=673200.164
N=2479327.382

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 299.777 m.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.									DS-1	0.50
									DS-2	1.00
						14			SPT-1	1.50-1.95
		4	6	8					UDS-1	2.50-2.95
						12			SPT-2	2.95-3.40
		5	6	6					DS-3	4.00
						15			SPT-3	4.50-4.95
		7	6	9					UDS-2	5.50-5.95
						19			SPT-4	5.95-6.40
		6	9	10					DS-4	7.00
7.50m Medium dense, yellowish brown, silty sand. Obs. kankar & gravels.						16			SPT-5	7.50-7.95
		6	7	9					*UDS-3	8.50-8.95
						11			SPT-6	9.05-9.50
		4	6	5					DS-5	10.00
						14			SPT-7	10.50-10.95
		6	5	9					*UDS-4	11.50-11.95
						17			SPT-8	12.05-12.50
		5	7	10					DS-6	13.00
						17			SPT-9	13.50-13.95
		7	8	9					*UDS-5	14.50-14.95
N.B. - '*' means sample could not be recovered. 15.50m						20			SPT-10	15.05-15.50
		9	10	10						





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.166

Co-ordinates E=673309.269
N=2479252.475

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 298.226 m.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.									DS-1	0.50
									DS-2	1.00
							16		SPT-1	1.50-1.95
		6	7	9						
							19		UDS-1	2.50-2.95
		6	10	9					SPT-2	2.95-3.40
							24		DS-3	4.00
		8	11	13					SPT-3	4.50-4.95
							29		UDS-2	5.50-5.95
7.50m Medium dense, yellowish brown, silty sand with kankar.		10	13	16					SPT-4	5.95-6.40
							17		DS-4	7.00
		7	7	10					SPT-5	7.50-7.95
							12		*UDS-3	8.50-8.95
		4	6	6					SPT-6	9.05-9.50
							14		DS-5	10.00
		5	7	7					SPT-7	10.50-10.95
15.00m N.B. - '*' means sample could not be recovered.							19		*UDS-4	11.50-11.95
		6	9	10					SPT-8	12.05-12.50
							22		DS-6	13.00
		8	10	12					SPT-9	13.50-13.95
							23		*UDS-5	14.50-14.95
		10	12	11					SPT-10	15.05-15.50



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.167

Co-ordinates E=673393.306
N=2479193.715

Field Test	Nos	Samples	Nos	Commencement Date : 09/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 10/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 297.457 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
								18	SPT-1	1.50-1.95
		8	7	11						
								23	UDS-1	2.50-2.95
		8	10	13					SPT-2	2.95-3.40
								26	DS-3	4.00
		10	12	14					SPT-3	4.50-4.95
7.50m Medium dense, yellowish brown, silty sand with kankar.								30	UDS-2	5.50-5.95
		12	14	16					SPT-4	5.95-6.40
								21	DS-4	7.00
		9	11	10					SPT-5	7.50-7.95
								25	*UDS-3	8.50-8.95
		11	12	13					SPT-6	9.05-9.50
								22	DS-5	10.00
15.50m		7	10	12					SPT-7	10.50-10.95
								17	*UDS-4	11.50-11.95
		8	9	8					SPT-8	12.05-12.50
								22	DS-6	13.00
N.B. - '*' means sample could not be recovered.		9	10	12					SPT-9	13.50-13.95
								27	*UDS-5	14.50-14.95
		10	12	15					SPT-10	15.05-15.50





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 25/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.168

Co-ordinates E=673482.447
N=2479130.310

Field Test	Nos	Samples	Nos	Commencement Date : 20/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	3	Completion Date : 21/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 293.258 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with stone chip, boulder & ash etc.									DS-1	0.50
									DS-2	1.00
1.30m		3	3	4					SPT-1	1.50-1.95
Medium, light reddish brown, silty clay. Obs. sand mixture & grey patches.									UDS-1	2.50-2.95
		2	3	3					SPT-2	3.00-3.45
									DS-3	4.00
		2	3	4					SPT-3	4.50-4.95
5.50m									UDS-2	5.50-5.95
Stiff to very stiff, reddish brown, silty clay with sand mixture.		5	6	8					SPT-4	6.00-6.45
									DS-4	7.00
		6	7	10					SPT-5	7.50-7.95
		6	8	12					UDS-3	8.55-9.00
									SPT-6	9.00-9.45
									DS-5	10.00
10.50m		13	15	17					SPT-7	10.50-10.95
Hard, brownish grey, silty clay with sand mixture.									DS-6	11.50
		20	21	23					SPT-8	12.00-12.45
									DS-7	13.00
		15	22	24					SPT-9	13.50-13.95
									DS-8	14.50
		18	29	85					SPT-10	15.00-15.45
15.45m										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET**BORE HOLE NO.170**Co-ordinates E=673606.450
N=2479038.021

Field Test	Nos	Samples	Nos	Commencement Date : 10/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	2	Completion Date : 12/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.988 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 8.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Filled up soil with reddish brown, silty sand with kankar, gravels & boulder.								DS-1	0.50
								DS-2	1.00
		1	1	1		2		SPT-1	1.50-1.95
								DS-3	2.50
								*UDS-1	3.00-3.45
5.00m Soft, yellowish grey, silty clay with sand mixture.		1	1	1		2		SPT-2	3.55-4.00
								DS-4	4.50
								SPT-3	5.00-5.45
								UDS-2	6.00-6.45
		7	10	14		24		SPT-4	6.45-6.90
6.00m Very stiff, yellowish grey, silty clay with decomposed rock & sand mixture.								DS-5	7.50
								WS-1	8.10
		8	16	24		40		SPT-5	8.00-8.45
								DS-6	9.00
								*SPT-6	9.50-9.55
8.00m Hard, yellowish grey, silty clay with decomposed rock & sand mixture.								*SPT-7	9.97-10.00
10.00m Highly to moderately weathered, yellowish grey, medium grained, fractured rock.									
15.25m 15.75m									



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.170

Co-ordinates E=673606.450
N=2479038.021

Field Test	Nos	Samples	Nos	Commencement Date : 10/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	2	Completion Date : 12/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.988 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 8.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH	DIVN=15CM						Ref. No	Depth (m)	
Moderately weathered, pinkish white, coarse grained, fractured rock.	15.75m								R8	CR=43% RQD=NIL	16.00
									R9	CR=45% RQD=17%	16.75
									R10	CR=51% RQD=16%	17.50
									R11	CR=47% RQD=17%	18.25
									R12	CR=47% RQD=16%	19.00
									R13	CR=45% RQD=20%	19.75
									R14	CR=47% RQD=NIL	20.50
									R15	CR=31% RQD=NIL	21.25
									R16	CR=40% RQD=NIL	22.00
									R17	CR=41% RQD=NIL	22.75
Moderately to slightly weathered, pinkish white, coarse grained, fractured rock.	22.75m								R18	CR=67% RQD=NIL	23.50
									R19	CR=45% RQD=NIL	24.25
									R20	CR=64% RQD=16%	25.00
									R21	CR=53% RQD=NIL	25.75
									R22	CR=67% RQD=19%	26.50
									R23	CR=61% RQD=24%	27.25
Slightly weathered to fresh, pinkish white, coarse grained, fractured rock.	27.25m								R24	CR=72% RQD=NIL	28.00
									R25	CR=76% RQD=NIL	28.75
									R26	CR=89% RQD=51%	29.50
	30.00m								R27	CR=55% RQD=NIL	30.00
N.B. — '*' means sample could not be recovered.											



BH-170/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.171

Co-ordinates E=673653.778
N=2479012.509

Field Test	Nos	Samples	Nos	Commencement Date : 16/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	3	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 294.546 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Filled up with coal dust.		NX. rotary drilling from 10.50m to 15.00m						DS-1	0.50
								DS-2	1.00
		13						SPT-1	1.50-1.95
2.00m		6	7	6					
Stiff to very stiff, yellowish grey, silty clay.		11						UDS-1	2.50-2.95
		5	6	5				SPT-2	2.95-3.40
		12						DS-3	4.00
		5	6	6				SPT-3	4.50-4.95
		25						UDS-2	5.50-5.95
		8	11	14				SPT-4	5.95-6.40
		28						DS-4	7.00
		8	12	16				SPT-5	7.50-7.95
		43						UDS-3	8.50-8.95
		13	17	26				SPT-6	8.95-9.40
8.00m		>100						SPT-7	10.00-10.10
Dense, yellowish white, silty sand.		10.0 cm Pentn.						*SPT-8	10.50-10.54 10.50
		10.0 cm Refusal						R1	CR=NIL
10.00m		4.0 cm Pentn.						DS-5	RQD=NIL
10.50m		10.0 cm Refusal						*SPT-9	11.25-11.28 11.25
		10.0 cm Refusal						R2	CR=NIL
		3.0 cm Pentn.						DS-6	RQD=NIL
		10.0 cm Refusal						*SPT-10	12.00-12.03 12.00
		3.0 cm Pentn.						R3	CR=NIL
		10.0 cm Refusal						DS-7	RQD=NIL
		4.0 cm Pentn.						*SPT-11	12.75-12.79 12.75
		10.0 cm Refusal						DS-8	CR=NIL
		3.0 cm Pentn.						*SPT-12	13.50-13.53 13.50
		10.0 cm Refusal						R5	CR=NIL
14.25m		2.0 cm Pentn.						*SPT-13	14.25-14.27 14.25
Highly weathered, light pinkish white, coarse grained, fractured rock.								R6	CR=26% RQD=NIL
									15.00
15.00m									



BH-171/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.172

Co-ordinates E=673688.733
N=2478993.257

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	3	Completion Date : 20/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 294.323 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.85 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up with coal dust.		5	6	5					DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
2.00m										
Stiff to very stiff, yellowish grey, silty clay.		4	6	7					*UDS-1	2.50-2.95
									SPT-2	3.00-3.45
		5	7	11					DS-3	4.00
									SPT-3	4.50-4.95
									UDS-2	5.50-5.95
7.00m		6	10	13					SPT-4	5.95-6.40
									DS-4	7.00
									SPT-5	7.50-7.95
Medium dense, yellowish grey, silty sand.		8	11	16						
8.70m										
Very dense, yellowish grey, silty sand.		37	100						*UDS-3	8.60-8.70
9.30m									SPT-6	8.70-8.92
Completely weathered, light pinkish grey, fully decomposed rock.		100	7.0	cm	Pentn.				*SPT-7	9.30-9.33 9.30
		3.0	cm	Pentn.	Refusal				R1	CR=NIL/RQD=NIL
		100			Refusal				*SPT-8	10.00-10.04 10.00
		4.0	cm	Pentn.	Refusal				R2	CR=NIL/RQD=NIL
		100			Refusal				*SPT-9	10.75-10.78 10.75
		3.0	cm	Pentn.	Refusal				R3	CR=NIL/RQD=NIL
		100			Refusal				DS-7	11.50-11.54 11.50
		4.0	cm	Pentn.	Refusal				SPT-10	CR=NIL/RQD=NIL
		100			Refusal				*SPT-11	12.25-12.28 12.25
		3.0	cm	Pentn.	Refusal				R5	CR=NIL/RQD=NIL
13.75m		100			Refusal				*SPT-12	13.00-13.03 13.00
		3.0	cm	Pentn.	Refusal				R6	CR=NIL/RQD=NIL
		2.0	cm	Pentn.					DS-10	13.75-13.77 13.75
Highly weathered, light pinkish white coarse grained, fractured rock.									R7	CR=24% RQD=NIL
14.50m										
Highly weathered, light pinkish white coarse grained, fractured rock.									R8	CR=29% RQD=NIL
15.75m										
		NX. rotary drilling from 9.30m to 30.00m								14.50 15.25



BH-172/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.172

Co-ordinates E=673688.733
N=2478993.257

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	3	Completion Date : 20/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 294.323 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 1.85 m.

DESCRIPTION	SYMBOL	N-VALUE							Ref. No	SAMPLES	
		EACH	DIVN=15CM							Depth (m)	
15.75m									R9	CR=28% RQD=NIL	16.00
Highly weathered, light pinkish white coarse grained, fractured rock.									R10	CR=31% RQD=NIL	16.75
									R11	CR=36% RQD=NIL	17.50
									R12	CR=33% RQD=NIL	18.25
									R13	CR=40% RQD=18%	19.00
18.25m									R14	CR=46% RQD=NIL	19.75
Moderately weathered, pinkish white, coarse grained, fractured rock.									R15	CR=45% RQD=NIL	20.50
									R16	CR=48% RQD=NIL	21.25
									R17	CR=49% RQD=32%	22.00
									R18	CR=47% RQD=NIL	22.75
23.50m									R19	CR=49% RQD=NIL	23.50
Moderately to slightly weathered, pinkish white, coarse grained, fractured rock.									R20	CR=57% RQD=NIL	24.25
									R21	CR=60% RQD=NIL	25.00
									R22	CR=54% RQD=NIL	25.75
									R23	CR=58% RQD=NIL	26.50
									R24	CR=53% RQD=NIL	27.25
									R25	CR=56% RQD=NIL	28.00
									R26	CR=60% RQD=14%	28.75
									R27	CR=62% RQD=28%	29.50
									R28	CR=70% RQD=46%	30.00
30.00m											
N.B. — ‘*’ means sample could not be recovered.											





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.173

Co-ordinates E=673800.773
N=2479031.097

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	12	Undisturbed (UDS)	2	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	12	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 293.599 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.15 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
Filled with coal dust.								DS-2	1.00
						14		SPT-1	1.50-1.95
		4	6	8				*UDS-1	2.40-2.85
						12		SPT-2	2.95-3.40
3.50m Stiff, yellowish grey, silty clay with sand mixture.		4	5	7				DS-3	4.00
						14		SPT-3	4.50-4.95
						13		UDS-2	5.50-5.95
		4	5	8				SPT-4	5.95-6.40
6.80m Medium dense, yellowish white, silty sand with kankars.						28		DS-4	7.00
		10	13	15				SPT-5	7.50-7.95
						>100		DS-5	8.50
		40	100					SPT-6	9.00-9.20
9.00m Very dense, yellowish white, silty sand with kankar.		100	50			cm Pentn.		*SPT-7	9.40-9.43 9.40
		3.0	cm			Refusal		R1	CR=NIL/RQD=NIL
		100				Refusal		*SPT-8	10.00-10.0310.00
		3.0	cm			Pentn.		R2	CR=NIL/RQD=NIL
Completely weathered, light pinkish grey, fully decomposed rock.		100				Refusal		*SPT-9	10.75-10.7810.75
		3.0	cm			Pentn.		R3	CR=NIL/RQD=NIL
		100				Refusal		*SPT-10	11.50-11.5411.50
		4.0	cm			Pentn.		R4	CR=NIL/RQD=NIL
13.00m Highly weathered, light whitish grey to light pinkish grey, coarse grained, fractured rock.		100				Refusal		*SPT-11	12.25-12.2812.25
		3.0	cm			Pentn.		R5	CR=NIL/RQD=NIL
		100				Refusal		*SPT-12	13.00-13.0213.00
		2.0	cm			Pentn.		R6	CR=24% RQD=NIL
13.75m Highly to moderately weathered, light whitish grey to light pinkish grey, coarse grained, fractured rock.								R7	CR=29% RQD=NIL
								R8	CR=27% RQD=15%
									14.50
									15.25
15.75m									

NX. rotary drilling from
9.40m to 30.00m

BH-173/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.173

Co-ordinates E=673800.773
N=2479031.097

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	12	Undisturbed (UDS)	2	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	12	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 293.599 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 1.15 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Highly to moderately weathered, light whitish grey to light pinkish grey, coarse grained, fractured rock.								R9	CR=32% RQD=18% 16.00
								R10	CR=35% RQD=24% 16.75
								R11	CR=46% RQD=44% 17.50
								R12	CR=51% RQD=41% 18.25
								R13	CR=40% RQD=NIL 19.00
								R14	CR=44% RQD=36% 19.75
								R15	CR=42% RQD=32% 20.50
								R16	CR=40% RQD=28% 21.50
								R17	CR=47% RQD=37% 22.00
								R18	CR=44% RQD=15% 22.75
								R19	CR=45% RQD=20% 23.50
								R20	CR=44% RQD=19% 24.25
								R21	CR=52% RQD=15% 25.00
								R22	CR=57% RQD=44% 25.75
								R23	CR=47% RQD=45% 26.50
								R24	CR=51% RQD=49% 27.25
								R25	CR=48% RQD=29% 28.00
								R26	CR=47% RQD=18% 28.75
								R27	CR=50% RQD=15% 29.50
								R28	CR=53% RQD=NIL 30.00
Moderately weathered, light whitish grey to light pinkish grey, coarse grained, fractured rock.									
N.B. - '*' means sample could not be recovered.									



BH-173/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.174

Co-ordinates E=672391.701
N=2479787.727

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 301.881 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.50 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
									SPT-3	4.50-4.95
5.95m										
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.									UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
8.20m										
Medium dense, yellowish brown, silty sand. Obs. kankars.										
									SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
									SPT-6	9.05-9.50
									DS-5	10.00
									SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
15.45m									SPT-8	12.05-12.50
N.B. - '*' means sample could not be recovered.									DS-6	13.00
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.00-15.45



BORE LOG DATA SHEET

BORE HOLE NO.175

Co-ordinates	E=672438.987 N=2479803.001
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Field Test	Nos	Samples	Nos	Commencement Date :	16/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	14	Undisturbed (UDS)	6	Completion Date :	16/05/2024
		Penetrometer (SPT)	14	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	8	Level Of Ground :	301.413 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	12.20 m.

[illegible]



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

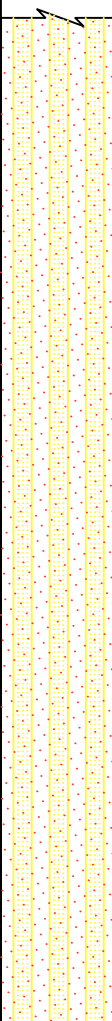
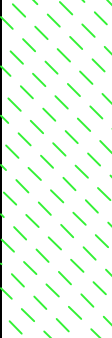
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.175

Co-ordinates E=672438.987
N=2479803.001

Field Test	Nos	Samples	Nos	Commencement Date : 16/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 301.881 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH	DIVN=15CM						Ref. No	Depth (m)	
Medium dense, yellowish brown, silty sand. Obs. kankars.										*UDS-4	11.50-11.95
		12	11	15					26	SPT-8	12.05-12.50
										DS-6	13.00
		9	12	13					25	SPT-9	13.50-13.95
										*UDS-5	14.50-14.95
		11	13	16					29	SPT-10	15.05-15.50
										DS-7	16.00
		10	13	15					28	SPT-11	16.50-16.95
										*UDS-6	17.50-17.95
		13	16	19					35	SPT-12	18.05-18.50
Hard, yellowish grey, silty clay with sand mixture & decomposed rock.									DS-8	18.80	
		14	18	22					40	SPT-13	19.20-19.65
		16	21	24					45	SPT-14	20.00-20.45
N.B. - '*' means sample could not be recovered.											



BH-175/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.176

Co-ordinates E=672482.786
N=2479861.361

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 301.731 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								17		
		7	8	9					SPT-1	1.50-1.95
								22		
		8	10	12					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
								24		
Hard, reddish brown, silty clay with sand mixture & kankars.		9	11	13					SPT-3	4.50-4.95
								34		
		11	15	19					UDS-2	5.50-5.85
Medium dense, yellowish brown, silty sand with kankars.									SPT-4	5.85-6.30
								30		
		10	14	16					SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
								16		
		5	7	9					SPT-6	9.10-9.55
									DS-5	10.00
								16		
		6	8	8					SPT-7	10.50-10.95
11.00m										



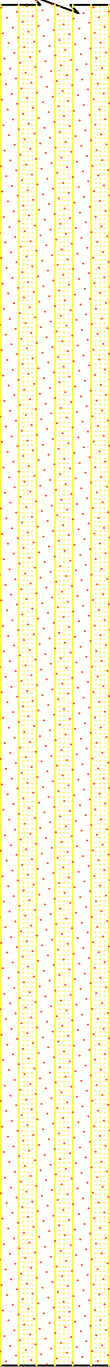
BH-176/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO.176

Co-ordinates	E=672482.786 N=2479861.361
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Field Test	Nos	Samples	Nos	Commencement Date :	13/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	13	Undisturbed (UDS)	6	Completion Date :	14/05/2024
		Penetrometer (SPT)	13	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	8	Level Of Ground :	301.731 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	8.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES			
		EACH	DIVN=15CM						Ref. No	Depth (m)		
Medium dense, yellowish brown, silty sand with kankars.										*UDS-4	11.50-11.95	
		6	9	10		19				SPT-8	12.05-12.50	
										DS-6	13.00	
		7	11	10		21				SPT-9	13.50-13.95	
										*UDS-5	14.50-14.95	
		7	11	12		23				SPT-10	15.05-15.50	
										DS-7	16.00	
		8	11	12		23				SPT-11	16.50-16.95	
										*UDS-6	17.50-17.95	
		9	11	13		24				SPT-12	18.10-18.55	
										DS-8	19.00	
				8	10	12		22			SPT-13	20.00-20.45

N.B. - '*' means sample could not be recovered.

N.B. - '*' means sample could not be recovered.



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.177

Co-ordinates E=672541.707
N=2479774.863

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 12/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 301.980 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankars.	0.00m									
									DS-1	0.50
									DS-2	1.00
								20	SPT-1	1.50-1.95
		7	9	11						
									UDS-1	2.50-2.95
								25	SPT-2	2.95-3.40
		8	11	14						
									DS-3	4.00
								28	SPT-3	4.50-4.95
		10	13	15						
	5.61m							35	*UDS-2	5.50-5.61
		12	16	19					SPT-4	5.61-6.06
									DS-4	7.00
								34	SPT-5	7.50-7.95
		11	15	19						
	8.30m							14	*UDS-3	8.50-8.95
		6	6	8					SPT-6	9.05-9.50
									DS-5	10.00
								15	SPT-7	10.50-10.95
		6	7	8						
								17	*UDS-4	11.50-11.95
		7	8	9					SPT-8	12.00-12.45
									DS-6	13.00
	13.50m									



BH-177/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

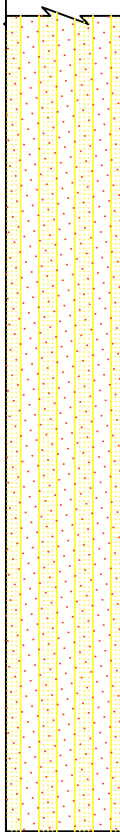
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.177

Co-ordinates E=672541.707
N=2479774.863

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 12/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 301.980 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 8.90 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense, yellowish brown, silty sand with kankars.		7	9	10	19			SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		8	10	10	20			SPT-10	15.05-15.50
								DS-7	16.00
		8	10	11	21			SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		7	9	11	20			SPT-12	18.00-18.45
								DS-8	19.00
		8	11	11	22			SPT-13	20.00-20.45
N.B. - '*' means sample could not be recovered.									





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.178

Co-ordinates E=672640.777
N=2479744.641

Field Test	Nos	Samples	Nos	Commencement Date : 07/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.110 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up with fly ash.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
2.10m		2	2	3				5	DS-3	2.00
									UDS-1	2.50-2.95
		5	5	6				11	SPT-2	2.95-3.40
									DS-4	4.00
		6	7	7				14	SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		5	7	6				13	SPT-4	5.95-6.40
									DS-5	7.00
		7	9	11				20	SPT-5	7.50-7.95
Stiff to very stiff, reddish brown, silty clay with sand mixture & kankars.										
									UDS-3	8.50-8.95
		8	12	14				26	SPT-6	8.95-9.40
									DS-6	10.00
		7	10	13				23	SPT-7	10.50-10.95
		8	10	12				22	*UDS-4	11.50-11.95
									SPT-8	12.00-12.45
									DS-7	13.00
13.50m										



BH-178/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.178

Co-ordinates E=672640.777
N=2479744.641

Field Test	Nos	Samples	Nos	Commencement Date : 07/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.110 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Stiff to very stiff, reddish brown, silty clay with sand mixture & kankars.		6	9	7	16		SPT-9	13.50-13.95
							*UDS-5	14.50-14.95
		5	7	6	13		SPT-10	15.00-15.45
							DS-8	16.00
		6	8	8	16		SPT-11	16.50-16.95
Medium dense, yellowish brown, silty sand with kankars.							*UDS-6	17.50-17.95
		6	8	9	17		SPT-12	18.05-18.50
							DS-9	19.00
		7	9	10	19		SPT-13	20.00-20.45

N.B. - '*' means sample could not be recovered.



BH-178/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.179

Co-ordinates E=672718.469
N=2479715.983

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.712 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Stiff to very stiff, reddish brown, silty clay with sand & kankars.									DS-1	0.50
									DS-2	1.00
		6	7	7			14		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		7	9	10			19		SPT-2	2.95-3.40
4.50m Very stiff to hard, reddish brown, silty clay with sand & kankars.									DS-3	4.00
		9	15	17			32		SPT-3	4.50-4.95
									UDS-2	5.50-5.85
		10	16	20			36		SPT-4	5.85-6.30
8.20m Medium dense, yellowish brown, silty sand with kankars.									DS-4	7.00
		8	12	15			27		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		5	6	8			14		SPT-6	9.05-9.50
									DS-5	10.00
		6	7	8			15		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	9	8			17		SPT-8	12.00-12.45
									DS-6	13.00
13.50m										



BH-179/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

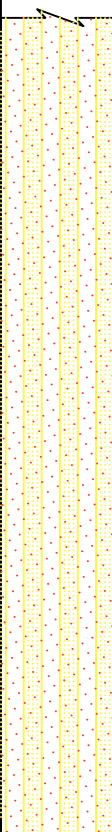
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.179

Co-ordinates E=672718.469
N=2479715.983

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.712 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES			
		EACH DIVN=15CM						Ref. No	Depth (m)		
Medium dense, yellowish brown, silty sand with kankars.		6	8	8		16			SPT-9	13.50-13.95	
									*UDS-5	14.50-14.95	
		7	9	10		19			SPT-10	15.05-15.50	
									DS-7	16.00	
		7	9	9		18			SPT-11	16.50-16.95	
									*UDS-6	17.50-17.95	
		6	8	9		17			SPT-12	18.00-18.45	
									DS-8	19.00	
		7	9	10		19			SPT-13	20.00-20.45	
N.B. - '*' means sample could not be recovered.											





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.180

Co-ordinates E=672725.769
N=2479766.005

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.566 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								17	SPT-1	1.50-1.95
		7	8	9						
								19	UDS-1	2.50-2.95
		6	9	10					SPT-2	2.95-3.40
5.50m Hard, reddish brown, silty clay with sand mixture & kankars.									DS-3	4.00
								24	SPT-3	4.50-4.95
		8	10	14						
								33	UDS-2	5.50-5.75
		12	16	17					SPT-4	5.75-6.20
								31	DS-4	7.00
8.30m Medium dense, yellowish brown, silty sand with kankars.									SPT-5	7.50-7.95
		10	15	16						
								17	UDS-3	8.50-8.95
		7	9	8					SPT-6	8.95-9.40
								19	DS-5	10.00
		7	9	10					SPT-7	10.50-10.95
13.50m								20	*UDS-4	11.50-11.95
		8	10	10					SPT-8	12.05-12.50
									DS-6	13.00



BH-180/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

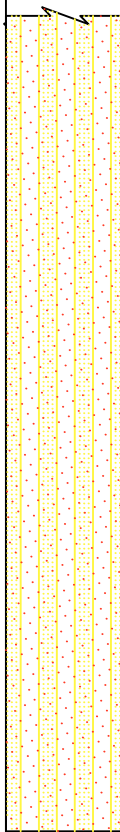
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.180

Co-ordinates E=672725.769
N=2479766.005

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.566 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense, yellowish brown, silty sand with kankars.		7	9	9	18			SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		7	10	11	21			SPT-10	15.00-15.45
								DS-7	16.00
		6	8	10	18			SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		7	9	10	19			SPT-12	18.05-18.50
								DS-8	19.00
		8	11	11	22			SPT-13	20.00-20.45
N.B. - '*' means sample could not be recovered.									





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.181

Co-ordinates E=672604.799
N=2479879.598

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 299.534 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Filled up with fly ash.	0.00m 0.30m									
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								18	SPT-1	1.50-1.95
		5	8	10						
								20	UDS-1	2.50-2.95
		6	9	11					SPT-2	2.95-3.40
Hard, reddish brown, silty clay with sand mixture & kankars.									DS-3	4.00
								23	SPT-3	4.50-4.95
		7	10	13						
								33	UDS-2	5.50-5.80
Medium dense, yellowish brown, silty sand with kankars.		11	15	18					SPT-4	5.80-6.25
									DS-4	7.00
								26	SPT-5	7.50-7.95
		8	12	14						
								18	UDS-3	8.50-8.95
		6	8	10					SPT-6	8.95-9.40
									DS-5	10.00
								15	SPT-7	10.50-10.95
		6	7	8						
								14	*UDS-4	11.50-11.95
		6	7	7					SPT-8	12.05-12.50
									DS-6	13.00
	13.50m									



BH-181/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

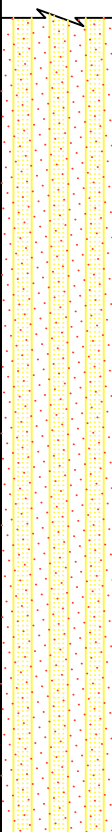
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.181

Co-ordinates E=672604.799
N=2479879.598

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 299.534 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES		
		EACH DIVN=15CM						Ref. No	Depth (m)	
Medium dense, yellowish brown, silty sand with kankars.		7	8	9		<u>17</u>			SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		7	9	9		<u>18</u>			SPT-10	15.05-15.50
									DS-7	16.00
		8	10	11		<u>21</u>			SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		7	10	12		<u>22</u>			SPT-12	18.00-18.45
									DS-8	19.00
		8	11	12		<u>23</u>			SPT-13	20.00-20.45

N.B. - '*' means sample could not be recovered.

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.182

Co-ordinates E=672625.134
N=2479818.633

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 08/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.581 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Filled up with fly ash & boulder pieces.	0.00m 0.30m									
Very stiff, reddish brown, silty clay with sand & kankars.									DS-1	0.50
									DS-2	1.00
								21		
		7	10	11					SPT-1	1.50-1.95
								19		
		6	9	10					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
								28		
Hard, reddish brown, silty clay with sand & kankars.									DS-3	4.00
									SPT-3	4.50-4.95
								33		
Medium dense, yellowish brown, silty sand with kankars.		11	15	18					UDS-2	5.50-5.85
									SPT-4	5.85-6.30
								30		
		10	14	16					DS-4	7.00
									SPT-5	7.50-7.95
								17	*UDS-3	8.50-8.95
		6	8	9					SPT-6	9.05-9.50
								15	DS-5	10.00
		6	8	7					SPT-7	10.50-10.95
								16	*UDS-4	11.50-11.95
		7	8	8					SPT-8	12.00-12.45
									DS-6	13.00

13.50m



BH-182/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

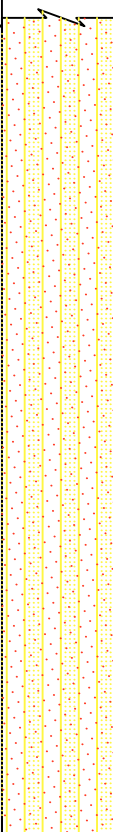
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.182

Co-ordinates E=672625.134
N=2479818.633

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 08/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.581 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
13.50m		8	8	9	17		SPT-9	13.50-13.95
Medium dense, yellowish brown, silty sand with kankars.							*UDS-5	14.50-14.95
		7	9	10	19		SPT-10	15.00-15.45
							DS-7	16.00
		7	8	9	17		SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		8	9	10	19		SPT-12	18.05-18.50
							DS-8	19.00
		8	10	11	21		SPT-13	20.00-20.45
20.45m								
N.B. - '*' means sample could not be recovered.								





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.183

Co-ordinates E=672739.847
N=2479835.829

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 24/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.188 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						13		SPT-1	1.50-1.95
		4	6	7					
						14		UDS-1	2.50-2.95
		5	7	7				SPT-2	2.95-3.40
						16		DS-3	4.00
		6	7	9				SPT-3	4.50-4.95
						19		UDS-2	5.50-5.95
		6	9	10				SPT-4	5.95-6.40
8.00m Dense, yellowish brown, silty sand with kankars.						20		DS-4	7.00
		7	9	11				SPT-5	7.50-7.95
						18		*UDS-3	8.50-8.95
		6	8	10				SPT-6	9.10-9.55
						19		DS-5	10.00
		7	8	11				SPT-7	10.50-10.95
						19		*UDS-4	11.50-11.95
		7	9	10				SPT-8	12.05-12.50
						17		DS-6	13.00
		6	8	9				SPT-9	13.50-13.95
15.50m						20		*UDS-5	14.50-14.95
		7	10	10				SPT-10	15.05-15.50





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

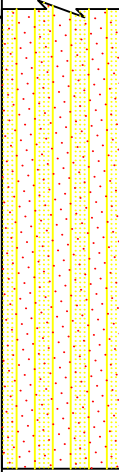
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BORE LOG DATA SHEET

BORE HOLE NO.183

Co-ordinates E=672739.847
N=2479835.829

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 24/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 300.188 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Dense, yellowish brown, silty sand with kankars.										
									DS-7	16.00
		8	9	10			19		SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		8	11	12			23		SPT-12	18.10-18.55
									DS-8	19.00
		9	12	14			26		SPT-13	20.00-20.45

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.184

Co-ordinates E=672713.101
N=2479911.454

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 27/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.590 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
							24	SPT-1	1.50-1.95
		10	11	13				UDS-1	2.50-2.95
							23	SPT-2	2.95-3.40
		9	11	12				DS-3	4.00
							20	SPT-3	4.50-4.95
		9	10	10				UDS-2	5.50-5.95
							16	SPT-4	5.95-6.40
		5	7	9				DS-4	7.00
6.00m Medium dense, yellowish brown, silty sand with kankars.								SPT-5	7.50-7.95
		6	9	10			19	*UDS-3	8.50-8.95
							18	SPT-6	9.00-9.45
		6	9	9				DS-5	10.00
							19	SPT-7	10.50-10.95
		7	8	11				*UDS-4	11.50-11.95
							18	SPT-8	12.05-12.50
		6	8	10				DS-6	13.00
							22	SPT-9	13.50-13.95
		7	10	12				*UDS-5	15.00-15.45
16.00m		8	11	14			25	SPT-10	15.50-15.95



BH-184/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.184

Co-ordinates E=672713.101
N=2479911.454

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 27/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.590 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 8.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
16.00m								DS-7	16.50
Medium dense, yellowish brown, silty sand with kankars.		8	10	14	24			SPT-11	17.00-17.45
					28			*UDS-6	18.00-18.45
		10	13	15				SPT-12	18.55-19.00
19.50m					>100			DS-8	19.50
Hard, yellowish grey, silty clay with sand & decomposed rock fragments.		39	48	52	5.0cm Pentn.			SPT-13	20.00-20.35
					Refusal				
21.00m		100			3.0cm Pentn.			*SPT-14	21.00-21.03 21.00
Moderately weathered, yellowish grey, medium grained, fractured rock.					NX. drilling from 21.00m to 25.00m			R1	CR=41% RQD=NIL
								R2	CR=44% RQD=16%
								R3	CR=45% RQD=NIL
								R4	CR=47% RQD=NIL
								R5	CR=57% RQD=16%
24.00m									24.00
25.00m									25.00

N.B. - '*' means sample could not be recovered.



BH-184/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.185

Co-ordinates E=672758.693
N=2479901.360

Field Test	Nos	Samples	Nos	Commencement Date : 28/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 300.110 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
							20	SPT-1	1.50-1.95
		7	9	11					
							19	UDS-1	2.50-2.95
		6	9	10				SPT-2	2.95-3.40
								DS-3	4.00
							24	SPT-3	4.50-4.95
		8	11	13					
							29	UDS-2	5.50-5.95
8.00m Medium dense to dense, yellowish brown, silty sand with kankars.		10	13	16				SPT-4	5.95-6.40
								DS-4	7.00
		8	10	11			21	SPT-5	7.50-7.95
								*UDS-3	8.50-8.95
							13	SPT-6	9.00-9.45
		6	7	6				DS-5	10.00
							15	SPT-7	10.50-10.95
		6	7	8				*UDS-4	11.50-11.95
							16	SPT-8	12.05-12.50
		7	8	8				DS-6	13.00
16.00m							18	SPT-9	13.50-13.95
		6	8	10				*UDS-5	14.50-14.95
							19	SPT-10	15.00-15.45
		7	9	10				DS-7	16.00



BH-185/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

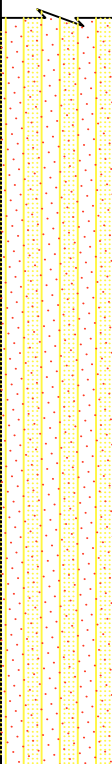
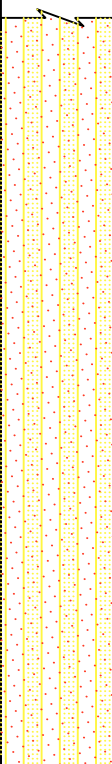
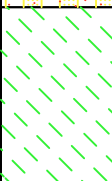
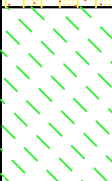
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.185

Co-ordinates E=672758.693
N=2479901.360

Field Test	Nos	Samples	Nos	Commencement Date : 28/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 300.110 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH DIVN=15CM							Ref. No	Depth (m)	
16.00m						15					
Medium dense to dense, yellowish brown, silty sand with kankars.		6	7	8					SPT-11	16.50-16.95	
										*UDS-6	17.50-17.95
		8	11	13		24			SPT-12	18.10-18.55	
									DS-8	19.00	
						22			SPT-13	19.50-19.95	
									*UDS-7	20.50-20.95	
		10	13	15		28			SPT-14	21.05-21.50	
									DS-9	22.00	
						48			SPT-15	22.50-22.95	
						29			*UDS-8	23.50-23.60	
23.60m		10	13	16				SPT-16	23.60-24.05		
Very stiff to hard, yellowish grey, silty clay with decomposed rock fragments.						42					
		14	19	23				SPT-17	25.00-25.45		
25.45m											
N.B. - '*' means sample could not be recovered.											





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.186

Co-ordinates E=672798.117
N=2479861.982

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 20/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 299.318 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						21		SPT-1	1.50-1.95
		5	9	12				UDS-1	2.50-2.95
						24		SPT-2	2.95-3.40
		6	10	14				DS-3	4.00
						22		SPT-3	4.50-4.95
		6	9	13				UDS-2	5.50-5.95
						23		SPT-4	5.95-6.40
		7	10	13				DS-4	7.00
8.00m Medium dense, yellowish brown, silty sand with kankars.								SPT-5	7.50-7.95
		8	11	13				*UDS-3	8.50-8.95
						18		SPT-6	9.05-9.50
		7	9	9				DS-5	10.00
						17		SPT-7	10.50-10.95
		6	8	9				*UDS-4	11.50-11.95
						18		SPT-8	12.15-12.60
		8	8	10				DS-6	13.00
						19		SPT-9	13.50-13.95
		7	9	10				*UDS-5	14.50-14.95
15.50m						21		SPT-10	15.05-15.50
		7	10	11					



BH-186/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.186

Co-ordinates E=672798.117
N=2479861.982

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 20/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 299.318 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
15.50m								DS-7	16.00
Medium dense, yellowish brown, silty sand with kankars.		8	10	10				SPT-11	16.50-16.95
					20				
		8	10	12				*UDS-6	17.50-17.95
					22			SPT-12	18.10-18.55
								DS-8	19.00
		7	9	11				SPT-13	19.50-19.95
					20			*UDS-7	20.20-20.65
		8	10	11				SPT-14	20.80-21.25
21.50m								DS-9	22.00
Hard, yellowish brown, silty clay with sand & kankars.		4	15					SPT-15	22.50-22.74
23.00m		100						*SPT-16	23.00-23.03 23.00
Highly weathered, light yellowish to light blackish grey, fine grained, fractured rock. Obs. boulder.					9.0cm Pentn. Refusal			R1	CR=25% RQD=NIL
23.75m					3.0cm Pentn.			R2	CR=27% RQD=NIL
Highly weathered, light yellowish grey, fine grained, fractured rock.					NX. drilling from 23.00m to 25.00m			R3	CR=32% RQD=NIL
25.00m									24.50 25.00

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.187

Co-ordinates E=672807.480
N=2479929.742

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 04/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.267 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						14		SPT-1	1.50-1.95
		5	6	8					
						10		UDS-1	2.50-2.95
		4	5	5				SPT-2	2.95-3.40
						14		DS-3	4.00
		5	6	8				SPT-3	4.50-4.95
						15		UDS-2	5.50-5.95
		6	7	8				SPT-4	5.95-6.40
8.10m Loose to medium dense, yellowish brown, silty sand with kankars.						16		DS-4	7.00
		7	8	8				SPT-5	7.50-7.95
						9		*UDS-3	8.50-8.95
		4	4	5				SPT-6	9.00-9.45
						13		DS-5	10.00
		5	7	6				SPT-7	10.50-10.95
13.50m						12		*UDS-4	11.50-11.95
		5	6	6				SPT-8	12.00-12.45
								DS-6	13.00



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Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.188

Co-ordinates E=672835.841
N=2479911.202

Field Test	Nos	Samples	Nos	Commencement Date : 27/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.512 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								21	SPT-1	1.50-1.95
		7	10	11						
								17	UDS-1	2.50-2.95
		5	7	10					SPT-2	2.95-3.40
								19	DS-3	4.00
		6	9	10					SPT-3	4.50-4.95
								20	UDS-2	5.50-5.95
8.00m Medium dense, yellowish brown, silty sand with kankars.		7	9	11					SPT-4	5.95-6.40
								19	DS-4	7.00
		6	8	11					SPT-5	7.50-7.95
								18	*UDS-3	8.50-8.95
		7	9	9					SPT-6	9.05-9.50
								15	DS-5	10.00
		6	7	8					SPT-7	10.50-10.95
16.00m									*UDS-4	11.50-11.95
		7	9	10				19	SPT-8	12.00-12.45
								20	DS-6	13.00
		7	10	10					SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		9	9	10				19	SPT-10	15.10-15.55
									DS-7	16.00





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 11/05/2024

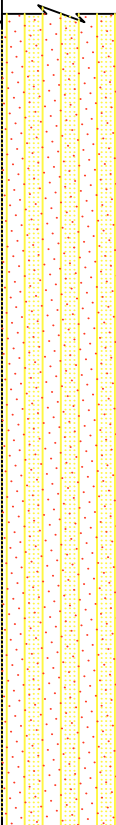
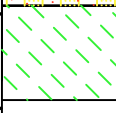
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.188

Co-ordinates E=672835.841
N=2479911.202

Field Test	Nos	Samples	Nos	Commencement Date : 27/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.512 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 7.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand with kankars.		16.00m							
		8	10	11				SPT-11	16.50-16.95
		24						*UDS-6	17.50-17.95
		9	11	13				SPT-12	18.05-18.50
		26						DS-8	19.00
		10	12	14				SPT-13	19.50-19.95
		23						*UDS-7	20.50-20.95
		9	11	12				SPT-14	21.05-21.50
		28						DS-9	22.00
		10	13	15				SPT-15	22.50-22.95
Hard, yellowish grey, silty clay with decomposed rock fragments.		24.45m						*UDS-8	23.50-23.95
		9	11	13				SPT-16	24.00-24.45
		25.45m							
		11	16	19				SPT-17	25.00-25.45
N.B. - '*' means sample could not be recovered.									





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.189

Co-ordinates E=672847.587
N=2479971.833

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 296.438 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
4.50m										
Dense, reddish brown, silty sand with clay binder & kankars.									SPT-3	4.50-4.95
									*UDS-2	5.50-5.60
									SPT-4	5.60-6.05
									DS-4	7.00
									SPT-5	7.50-7.95
7.00m										
Medium dense, yellowish brown, silty sand with kankars.										
									*UDS-3	8.50-8.95
									SPT-6	9.00-9.45
									DS-5	10.00
									SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
15.45m										
N.B. - '*' means sample could not be recovered.									DS-6	13.00
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.00-15.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.190

Co-ordinates E=672889.027
N=2479931.779

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.950 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.05 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up soil consists of yellowish brown, silty sand with kankar & boulder pieces.									DS-1	0.50
									DS-2	1.00
		10	12	14			26		SPT-1	1.50-1.95
2.50m										
Very stiff, reddish brown, silty clay with sand mixture & kankar.		8	9	11			20		UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
		9	10	11			21		SPT-3	4.50-4.95
		8	7	9			16		UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
		8	10	12			22		SPT-5	7.50-7.95
8.00m										
Medium dense, yellowish brown, silty sand with kankar.		7	9	11			20		*UDS-3	8.50-8.95
									SPT-6	9.00-9.45
									DS-5	10.00
		7	8	10			18		SPT-7	10.50-10.95
		8	11	11			22		*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
		9	10	11			21		SPT-9	13.50-13.95
15.75m		7	9	12			21		*UDS-5	14.50-14.95
									SPT-10	15.05-15.50



BH-190/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

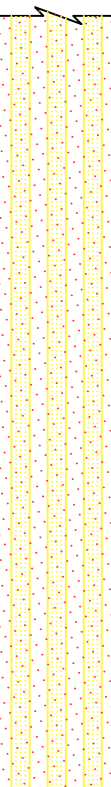
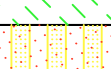
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.190

Co-ordinates E=672889.027
N=2479931.779

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.950 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.05 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand with kankar.		24							DS-7	16.00
		8	11	13					SPT-11	16.50-16.95
		23							*UDS-6	17.50-17.95
		8	11	12					SPT-12	18.00-18.45
		27							DS-8	19.00
		10	13	14					SPT-13	19.50-19.95
		24							*UDS-7	20.50-20.95
		9	11	13					SPT-14	21.05-21.50
		26							DS-9	22.00
		9	12	14					SPT-15	22.50-22.95
Very stiff, yellowish grey, silty clay with decomposed rock fragments.		29							*UDS-8	23.50-23.95
		11	13	16					SPT-16	24.00-24.45
Dense, yellowish grey, silty sand with clay binder & decomposed rock fragments.		32							SPT-17	25.00-25.45
		12	15	17						

N.B. - '*' means sample could not be recovered.



BH-190/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.191

Co-ordinates E=672883.650
N=2479886.748

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 24/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.671 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff to hard, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						22		SPT-1	1.50-1.95
		7	10	12				UDS-1	2.50-2.95
						23		SPT-2	2.95-3.40
		9	11	12				DS-3	4.00
						20		SPT-3	4.50-4.95
		7	9	11				UDS-2	5.50-5.95
						31		SPT-4	5.95-6.40
		10	14	17				DS-4	7.00
7.50m Medium dense, yellowish brown, silty sand with kankars.						18		SPT-5	7.50-7.95
		6	8	10				*UDS-3	8.50-8.95
						21		SPT-6	9.10-9.55
		7	10	11				DS-5	10.00
						20		SPT-7	10.50-10.95
		7	9	11				*UDS-4	11.50-11.95
						21		SPT-8	12.05-12.50
		8	11	10				DS-6	13.00
						19		SPT-9	13.50-13.95
		7	9	10				*UDS-5	14.50-14.95
15.50m		7	10	10		20		SPT-10	15.05-15.50





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.191

Co-ordinates E=672883.650
N=2479886.748

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 24/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 298.671 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
15.50m Medium dense, yellowish brown, silty sand with kankars.								DS-7	16.00
		8	11	12			23	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		8	10	12			22	SPT-12	18.10-18.55
								DS-8	19.00
		9	12	13			25	SPT-13	19.50-19.95
								*UDS-7	20.50-20.95
		10	11	13			24	SPT-14	21.15-21.60
								DS-9	22.00
		9	12	14			26	SPT-15	22.50-22.95
23.50m Very stiff, yellowish grey, silty clay with decomposed rock fragments.								*UDS-8	23.50-23.95
		8	11	14			25	SPT-16	24.10-24.55
		9	12	14			26	SPT-17	25.00-25.45
25.45m									
N.B. - '*' means sample could not be recovered.									





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

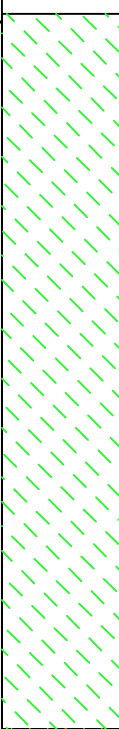
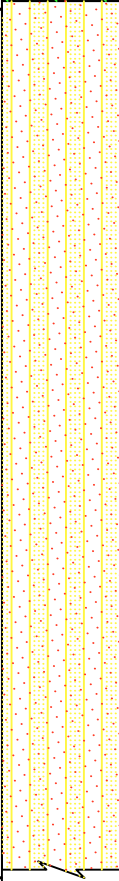
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.192

Co-ordinates E=672944.906
N=2479933.352

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 296.568 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff to hard, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						18		SPT-1	1.50-1.95
		7	9	9					
						17		UDS-1	2.50-2.95
		6	8	9				SPT-2	2.95-3.40
						22		DS-3	4.00
		8	10	12				SPT-3	4.50-4.95
						33		UDS-2	5.50-5.95
		11	15	18				SPT-4	5.95-6.40
7.00m Medium dense, yellowish brown, silty sand with kankars.								DS-4	7.00
						19		SPT-5	7.50-7.95
		7	9	10					
						20		*UDS-3	8.50-8.95
		7	9	11				SPT-6	9.05-9.50
						17		DS-5	10.00
		6	8	9				SPT-7	10.50-10.95
						21		*UDS-4	11.50-11.95
		7	10	11				SPT-8	12.05-12.50
						20		DS-6	13.00
15.50m								SPT-9	13.50-13.95
		7	9	11					
								*UDS-5	14.50-14.95
						18		SPT-10	15.05-15.50
		6	8	10					



BH-192/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

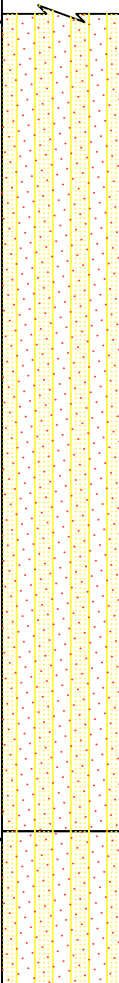
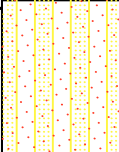
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.192

Co-ordinates E=672944.906
N=2479933.352

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 296.568 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 8.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand with kankars.									DS-7	16.00
		8	10	10					SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		8	9	10					SPT-12	18.05-18.50
									DS-8	19.00
		7	10	11					SPT-13	19.50-19.95
									*UDS-7	20.50-20.95
		11	13	14					SPT-14	21.05-21.50
									DS-9	22.00
		10	13	15					SPT-15	22.50-22.95
Dense, yellowish grey, silty sand with decomposed rock fragments.									*UDS-8	23.50-23.95
		10	14	18					SPT-16	25.00-25.45

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.193

Co-ordinates E=672932.201
N=2479891.412

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 19/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 297.819 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						20		SPT-1	1.50-1.95
		6	9	11					
						17		UDS-1	2.50-2.95
		5	7	10				SPT-2	2.95-3.40
						24		DS-3	4.00
		7	10	14				SPT-3	4.50-4.95
8.00m Medium dense, yellowish brown, silty sand. Obs. kankars.								UDS-2	5.50-5.95
		9	12	14				SPT-4	5.95-6.40
								DS-4	7.00
						27		SPT-5	7.50-7.95
		8	11	16					
								UDS-3	8.50-8.95
		6	8	9				SPT-6	8.95-9.40
						17			
								DS-5	10.00
15.50m								SPT-7	10.50-10.95
		5	7	9					
						16			
								*UDS-4	11.50-11.95
		7	8	10				SPT-8	12.05-12.50
						18			
								DS-6	13.00
		6	8	9				SPT-9	13.50-13.95
						17			
								*UDS-5	14.50-14.95
		7	9	11				SPT-10	15.10-15.55
						20			



BH-193/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.194

Co-ordinates E=672921.322
N=2479846.065

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 297.433 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 8.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
		6	8	9	17			SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		5	8	10	18			SPT-2	2.95-3.40
								DS-3	4.00
		6	9	9	18			SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		7	9	11	20			SPT-4	5.95-6.40
								DS-4	7.00
7.30m Medium dense, yellowish brown, silty sand with kankars.					24			SPT-5	7.50-7.95
		9	11	13				*UDS-3	8.50-8.95
					23			SPT-6	9.05-9.50
		8	10	13				DS-5	10.00
					23			SPT-7	10.50-10.95
		9	11	12				*UDS-4	11.50-11.95
					22			SPT-8	12.10-12.55
		9	11	11				DS-6	13.00
					25			SPT-9	13.50-13.95
		10	12	13				*UDS-5	14.50-14.95
15.00m N.B. - '*' means sample could not be recovered.					24			SPT-10	15.00-15.45
		9	11	13					





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.195

Co-ordinates E=672950.043
N=2479996.226

Field Test	Nos	Samples	Nos	Commencement Date : 11/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 12/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 296.010 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.05 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankars.	0.00m							DS-1	0.50
								DS-2	1.00
						17		SPT-1	1.50-1.95
		7	8	9				UDS-1	2.50-2.95
						19		SPT-2	2.95-3.40
		7	9	10				DS-3	4.00
						18		SPT-3	4.50-4.95
	4.50m	6	9	9				UDS-2	5.50-5.95
						14		SPT-4	5.95-6.40
		5	6	8				DS-4	7.00
Medium dense, yellowish brown, silty sand with kakars.						17		SPT-5	7.50-7.95
		6	8	9				*UDS-3	8.50-8.95
						16		SPT-6	9.05-9.50
		6	7	9				DS-5	10.00
						17		SPT-7	10.50-10.95
		7	9	8				*UDS-4	11.50-11.95
						19		SPT-8	12.00-12.45
		8	9	10				DS-6	13.00
						20		SPT-9	13.50-13.95
		8	10	10				*UDS-5	14.50-14.95
N.B. - '*' means sample could not be recovered.						20		SPT-10	15.05-15.50
	15.50m	7	9	11					



BH-195/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.196

Co-ordinates E=673010.136
N=2479992.501

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.557 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
		6	8	12			20		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		11	13	14			27		SPT-2	2.95-3.40
									DS-3	4.00
		10	9	7			16		SPT-3	4.50-4.95
5.90m									*UDS-2	5.50-5.95
Medium dense, yellowish brown, silty sand with kankars.		7	8	9			17		SPT-4	6.05-6.50
									DS-4	7.00
		8	7	12			19		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		7	9	13			22		SPT-6	9.05-9.50
									DS-5	10.00
		10	9	11			20		*SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		11	12	13			25		SPT-8	12.05-12.50
									DS-6	13.00
		10	11	14			25		SPT-9	13.50-13.95
15.50m										
		12	12	16			28		*UDS-5	14.50-14.95
									SPT-10	15.05-15.50
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.197

Co-ordinates E=673041.449
N=2479951.127

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 23/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.501 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		6	8	9			17		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		7	10	11			21		SPT-2	2.95-3.40
									DS-3	4.00
		7	9	10			19		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		5	6	8			14		SPT-4	5.95-6.40
									DS-4	7.00
5.40m Medium dense, yellowish brown, silty sand with kankars.		5	6	7			13		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		6	8	8			16		SPT-6	9.05-9.50
									DS-5	10.00
		7	9	10			19		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	9	9			18		SPT-8	12.00-12.45
									DS-6	13.00
		7	9	10			19		SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
15.50m		8	10	12			22		SPT-10	15.05-15.50
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

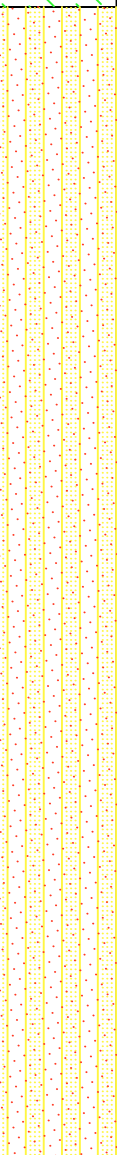
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.198

Co-ordinates E=673134.079
N=2480014.521

Field Test	Nos	Samples	Nos	Commencement Date : 15/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 16/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.538 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 4.40 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH DIVN=15CM								Ref. No	Depth (m)
0.00m										DS-1	0.50
Medium, brownish grey, silty clay with sand mixture.										DS-2	1.00
		3	3	4				<u>7</u>	SPT-1	1.50-1.95	
										UDS-1	2.50-2.95
		3	4	4			<u>8</u>	SPT-2	2.95-3.40		
4.00m									DS-3	4.00	
Medium dense, yellowish brown, silty sand with kankar.		6	8	11			<u>19</u>	SPT-3	4.50-4.95		
									*UDS-2	5.50-5.95	
		7	10	13			<u>23</u>	SPT-4	6.00-6.45		
									DS-4	7.00	
		7	10	12			<u>22</u>	SPT-5	7.50-7.95		
									*UDS-3	8.50-8.95	
		8	11	13			<u>24</u>	SPT-6	9.05-9.50		
									DS-5	10.00	
		7	10	13			<u>23</u>	SPT-7	10.50-10.95		
									*UDS-4	11.50-11.95	
		9	10	12			<u>22</u>	SPT-8	12.00-12.45		
									DS-6	13.00	
	9	11	13			<u>24</u>	SPT-9	13.50-13.95			
N.B. - '*' means sample could not be recovered.								*UDS-5	14.50-14.95		
15.45m								SPT-10	15.00-15.45		





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.199

Co-ordinates E=673219.834
N=2480053.357

Field Test	Nos	Samples	Nos	Commencement Date : 14/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 15/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 291.525 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 3.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with sand, clay & bolder pieces.									DS-1	0.50
1.00m									DS-2	1.00
Stiff, brownish grey, silty clay.		3	4	4			8		SPT-1	1.50-1.95
3.00m							9		UDS-1	2.50-2.95
		3	4	5					SPT-2	2.95-3.40
									DS-3	4.00
							7		SPT-3	4.50-4.95
		3	3	4					*UDS-2	5.50-5.95
Loose, yellowish grey to yellowish brown, silty sand with kankar.							8		SPT-4	6.05-6.50
		3	4	4					DS-4	7.00
							10		SPT-5	7.50-7.95
		4	5	5					*UDS-3	8.50-8.95
							9		SPT-6	9.10-9.55
		5	4	5					DS-5	10.00
10.50m							11		SPT-7	10.50-10.95
		5	5	6					*UDS-4	11.50-11.95
							11		SPT-8	12.00-12.45
Medium dense, yellowish grey to yellowish brown, silty sand with kankar.		6	5	6					DS-6	13.00
							15		SPT-9	13.50-13.95
		7	7	8					*UDS-5	14.50-14.95
							16		SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.		7	8	8						
15.45m										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

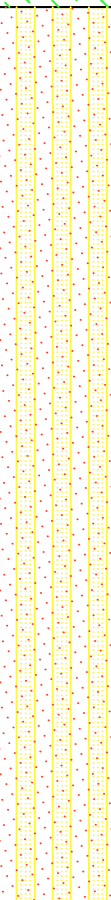
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.200

Co-ordinates E=673029.747
N=2479888.222

Field Test	Nos	Samples	Nos	Commencement Date : 22/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 23/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.687 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
Very stiff, reddish brown, silty clay with sand mixture.									DS-2	1.00
		5	7	8		15			SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		6	7	9		16			SPT-2	2.95-3.40
									DS-3	4.00
		7	9	9		18			SPT-3	4.50-4.95
5.40m						15		UDS-2	5.50-5.95	
Medium dense, yellowish brown, silty sand with kankars.		6	8	7				SPT-4	5.95-6.40	
								DS-4	7.00	
		6	7	9		16		SPT-5	7.50-7.95	
								*UDS-3	8.50-8.95	
		5	6	7		13		SPT-6	9.05-9.50	
								DS-5	10.00	
		6	8	9		17		SPT-7	10.50-10.95	
								*UDS-4	11.50-11.95	
		7	9	11		20		SPT-8	12.10-12.55	
						DS-6	13.00			
15.50m	7	9	10		19		SPT-9	13.50-13.95		
							*UDS-5	14.50-14.95		
	8	10	11		21		SPT-10	15.05-15.50		
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.201

Co-ordinates E=673070.796
N=2479797.269

Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.719 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.35 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, silty clay with sand mixture.								DS-1	0.50
								DS-2	1.00
								SPT-1	1.50-1.95
								UDS-1	2.50-2.95
								SPT-2	2.95-3.40
								DS-3	4.00
								SPT-3	4.50-4.95
								UDS-2	5.50-5.95
								SPT-4	5.95-6.40
								DS-4	7.00
Medium dense, yellowish brown, silty sand with kankars.								SPT-5	7.50-7.95
								*UDS-3	8.50-8.95
								SPT-6	9.05-9.50
								DS-5	10.00
								SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
								SPT-8	12.05-12.50
								DS-6	13.00
								SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
15.45m								SPT-10	15.00-15.45

N.B. - '*' means sample could not be recovered.

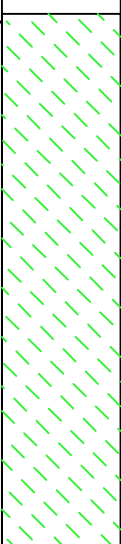
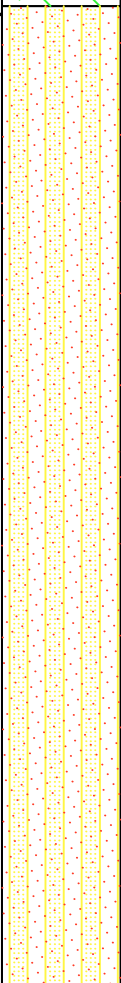


BORE LOG DATA SHEET

BORE HOLE NO.202

Co-ordinates	E=673151.251 N=2479796.097
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Field Test	Nos	Samples	Nos	Commencement Date :	14/04/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	10	Undisturbed (UDS)	5	Completion Date :	15/04/2024
		Penetrometer (SPT)	10	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	6	Level Of Ground :	295.534 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	7.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
Very stiff, reddish brown, silty clay with sand & kankars.									DS-2	1.00
		7	9	11		20			SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		7	10	12		22			SPT-2	2.95-3.40
									DS-3	4.00
	8	10	13		23			SPT-3	4.50-4.95	
5.50m						14			UDS-2	5.50-5.95
Medium dense, yellowish brown, silty sand with kankars.		5	6	8					SPT-4	5.95-6.40
									DS-4	7.00
						13			SPT-5	7.50-7.95
		5	6	7					*UDS-3	8.50-8.95
						15			SPT-6	9.10-9.55
									DS-5	10.00
		6	7	7		14			SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	9	10		19			SPT-8	12.05-12.50
							DS-6	13.00		
	7	9	9		18			SPT-9	13.50-13.95	
								*UDS-5	14.50-14.95	
	8	10	11		21			SPT-10	15.00-15.45	
15.45m										
N.B. - '*' means sample could not be recovered.										

N.B. - '*' means sample could not be recovered.



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.203

Co-ordinates E=673237.101
N=2479795.628

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 295.253 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 7.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								15	SPT-1	1.50-1.95
		6	7	8						
								24	UDS-1	2.50-2.95
		7	11	13					SPT-2	2.95-3.40
									DS-3	4.00
								23	SPT-3	4.50-4.95
		8	10	13						
5.30m Medium dense, yellowish brown, silty sand with kankars.									UDS-2	5.50-5.95
								19	SPT-4	5.95-6.40
		7	10	9						
								17	DS-4	7.00
		6	8	9					SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
								19	SPT-6	9.05-9.50
		6	9	10					DS-5	10.00
								18	SPT-7	10.50-10.95
		7	8	10					*UDS-4	11.50-11.95
15.45m N.B. - '*' means sample could not be recovered.								20	SPT-8	12.05-12.50
		7	9	11					DS-6	13.00
								22	SPT-9	13.50-13.95
		8	10	12					*UDS-5	14.50-14.95
								23	SPT-10	15.05-15.50
		9	11	12						





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.204

Co-ordinates E=673251.754
N=2479757.998

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 294.544 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankars.	0.00m									
									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
Medium dense, yellowish brown, silty sand with kankars.	5.00m									
									SPT-3	4.50-4.95
									UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
									SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
N.B. - '*' means sample could not be recovered.									SPT-6	9.05-9.50
									DS-5	10.00
									SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.00-15.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.205

Co-ordinates E=673304.074
N=2479705.711

Field Test	Nos	Samples	Nos	Commencement Date : 16/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 292.545 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 5.75 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH DIVN=15CM							Ref. No	Depth (m)	
0.00m Very stiff, brownish / dark greyish, silty clay with sand & kankars.									DS-1	0.50	
									DS-2	1.00	
		8	11	14				25	SPT-1	1.50-1.95	
									DS-3	2.50	
									UDS-1	3.00-3.45	
3.00m Medium dense to dense, reddish / brownish grey, medium sand.		6	7	10				17	SPT-2	3.45-3.90	
									DS-4	4.50	
		6	8	10				18	SPT-3	5.00-5.45	
									UDS-2	6.00-6.45	
		7	9	12				21	SPT-4	6.45-6.90	
									DS-5	7.50	
		6	8	11				19	SPT-5	8.00-8.45	
									DS-6	8.80	
		6	10	13				23	UDS-3	9.00-9.45	
									SPT-6	9.45-9.90	
									DS-7	10.40	
		8	12	19				31	SPT-7	11.00-11.45	
									DS-8	11.80	
		10	16	23				39	*UDS-4	12.00-12.45	
									SPT-8	12.55-13.00	
15.45m N.B. - '*' means sample could not be recovered.									DS-9	13.50	
		11	15	25				40	SPT-9	14.00-14.45	
		12	18	29				47	SPT-10	15.00-15.45	





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.206

Co-ordinates E=673425.543
N=2480078.353

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 06/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 290.982 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 2.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		4	5	6			11		SPT-1	1.50-1.95
2.40m Medium, brownish grey, silty clay with sand mixture & kankar pieces.							6		UDS-1	2.50-2.95
		2	3	3					SPT-2	2.95-3.40
3.50m									DS-3	4.00
		4	6	5			11		SPT-3	4.50-4.95
									*UDS-2	5.50-5.95
		5	6	6			12		SPT-4	6.00-6.45
									DS-4	7.00
		6	8	9			17		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		7	9	10			19		SPT-6	9.05-9.50
									DS-5	10.00
		7	9	11			20		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		8	9	10			19		SPT-8	12.00-12.45
									DS-6	13.00
		7	9	11			20		SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		8	10	12			22		SPT-10	15.00-15.45
15.00m N.B. - '*' means sample could not be recovered.										



BH-206/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.207

Co-ordinates E=673473.895
N=2479999.493

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 07/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 291.139 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 3.05 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		6	7	7				14	SPT-1	1.50-1.95
2.30m Medium, blackish grey, silty clay.									UDS-1	2.50-2.95
		2	2	3				5	SPT-2	2.95-3.40
3.50m									DS-3	4.00
		4	4	5				9	SPT-3	4.50-4.95
									*UDS-2	5.50-5.95
		4	5	5				10	SPT-4	6.05-6.50
									DS-4	7.00
		6	5	7				12	SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		6	7	9				16	SPT-6	9.05-9.50
									DS-5	10.00
		7	8	9				17	SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	8	8				16	SPT-8	12.00-12.45
									DS-6	13.00
		7	9	10				19	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		8	10	11				21	SPT-10	15.05-15.50
15.50m										

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.208

Co-ordinates E=673524.499
N=2479867.508

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.941 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 3.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		7	8	9			17		SPT-1	1.50-1.95
2.40m										
Medium, blackish grey, silty clay.									UDS-1	2.50-2.95
		2	3	3			6		SPT-2	2.95-3.40
3.60m										
Medium dense, yellowish grey, silty sand with kankar.									DS-3	4.00
		4	5	6			11		SPT-3	4.50-4.95
									*UDS-2	5.50-5.95
		5	6	6			12		SPT-4	6.05-6.50
									DS-4	7.00
		5	7	7			14		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		6	7	8			15		SPT-6	9.05-9.50
									DS-5	10.00
		7	8	9			17		SPT-7	10.50-10.95
N.B. - '*' means sample could not be recovered.									*UDS-4	11.50-11.95
		7	9	9			18		SPT-8	12.00-12.45
									DS-6	13.00
		8	9	10			19		SPT-9	13.50-13.95
15.50m									*UDS-5	14.50-14.95
		8	10	11			21		SPT-10	15.05-15.50





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.209

Co-ordinates E=673632.194
N=2479906.347

Field Test	Nos	Samples	Nos	Commencement Date : 09/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 10/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 291.95 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 2.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with sand, clay & bolders.									DS-1	0.50
1.00m									DS-2	1.00
Loose, yellowish brown, silty sand.		3	2	4			6		SPT-1	1.50-1.95
		2	2	3			5		UDS-1	2.50-2.95
									SPT-2	2.95-3.40
3.60m									DS-3	4.00
Medium, brownish grey, silty clay.		2	3	4			7		SPT-3	4.50-4.95
5.20m									*UDS-2	5.50-5.95
		5	6	6			12		SPT-4	6.05-6.50
									DS-4	7.00
		6	6	7			13		SPT-5	7.50-7.95
		6	7	6			13		*UDS-3	8.50-8.95
									SPT-6	9.00-9.45
Medium dense, brownish grey, silty clay with kankar.		7	8	8			16		DS-5	10.00
									SPT-7	10.50-10.95
		7	8	9			17		*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
		8	9	10			19		DS-6	13.00
									SPT-9	13.50-13.95
		8	10	10			20		*UDS-5	14.50-14.95
									SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.										



BH-209/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.210

Co-ordinates E=673740.334
N=2479835.912

Field Test	Nos	Samples	Nos	Commencement Date : 12/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 13/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.872 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 3.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Filled up with sand, clay & bolder pieces.	0.00m 0.30m								DS-1	0.50
Loose, reddish brown, silty sand.						4			DS-2	1.00
		2	2	2					SPT-1	1.50-1.95
						5			UDS-1	2.50-2.95
		2	2	3					SPT-2	2.95-3.40
Bronwish grey, silty clay.	3.60m								WS-1	3.70
	4.30m					9			DS-3	4.00
Medium dense, brownish grey to yellowish grey, silty sand with kankar.		4	5	4					SPT-3	4.50-4.95
						11			*UDS-2	5.50-5.95
		5	5	6					SPT-4	6.00-6.45
						13			DS-4	7.00
		5	6	7					SPT-5	7.50-7.95
						14			*UDS-3	8.50-8.95
		6	7	7					SPT-6	9.05-9.50
						13			DS-5	10.00
		6	7	6					SPT-7	10.50-10.95
						15			*UDS-4	11.50-11.95
N.B. - '*' means sample could not be recovered.		7	7	8					SPT-8	12.05-12.50
						17			DS-6	13.00
		7	8	9					SPT-9	13.50-13.95
						19			*UDS-5	14.50-14.95
	15.45m	8	10	9					SPT-10	15.00-15.45



BH-210/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 20/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.211

Co-ordinates E=673886.539
N=2479888.540

Field Test	Nos	Samples	Nos	Commencement Date : 11/06/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 12/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.639 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 3.05 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with sand, clay & bolder pieces.									DS-1	0.50
1.10m									DS-2	1.00
Stiff, yellowish grey, silty clay with sand mixture.		4	5	5				10	SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		5	5	6				11	SPT-2	2.95-3.40
3.60m									DS-3	4.00
Medium to stiff, brownish grey, silty clay.		2	3	3				6	SPT-3	4.50-4.95
									*UDS-2	5.50-5.95
		3	4	4				8	SPT-4	6.05-6.50
									DS-4	7.00
		3	4	5				9	SPT-5	7.50-7.95
8.30m									*UDS-3	8.50-8.95
Medium dense, brownish grey, silty sand with kankar.		5	6	6				12	SPT-6	9.05-9.50
									DS-5	10.00
		5	6	7				13	SPT-7	10.50-10.95
11.30m									*UDS-4	11.50-11.95
Medium dense, yellowish grey, silty sand with kankar.		6	7	8				15	SPT-8	12.10-12.55
									DS-6	13.00
		7	6	8				14	SPT-9	13.50-13.95
N.B. - '*' means sample could not be recovered.									*UDS-5	14.50-14.95
		8	10	9				19	SPT-10	15.00-15.45
15.45m										



BH-211/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.212

Co-ordinates E=673976.434
N=2479851.935

Field Test	Nos	Samples	Nos	Commencement Date : 30/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 02/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	5	Level Of Ground : 292.386 m.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 4.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Reddish brown, silty clay with sand mixture.									DS-1	0.50
1.00m									DS-2	1.00
Medium dense, reddish brown, silty sand with kankar.		5	6	6		12			SPT-1	1.50-1.95
3.00m									UDS-1	2.50-2.95
		7	6	7		13			SPT-2	2.95-3.40
									DS-3	4.00
		5	6	7		13			SPT-3	4.50-4.95
									WS-1	4.60
Medium dense, light blackish grey, silty sand. Obs. mica.		4	5	6		11			UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
		5	6	7		13			SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		6	8	8		16			SPT-6	9.05-9.50
9.90m									DS-5	10.00
Medium dense, yellowish brown, silty sand.		6	8	9		17			SPT-7	10.50-10.95
									*UDS-4	11.30-11.75
		9	11	13		24			SPT-8	11.80-12.25
									SPT-9	12.90-13.11
12.90m Very dense, yellowish brown, silty sand. Obs. decomposed rock fragments in SPT09		31	100			>100			*SPT-10	13.25-13.27 13.25
13.25m		100	6.0	cm	Penth.	Refusal			R1	CR=22% RQD=NIL
		2.0	cm	Penth.					R2	CR=25% RQD=NIL
Highly weathered, light pinkish white, coarse grained, fractured rock.		NX. rotary drilling from 13.25m to 25.00m							R3	CR=27% RQD=NIL
14.75m										
Highly to moderately weathered, light pinkish white, coarse grained, fractured rock.										
15.75m										

BH-212/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Sumona

Created on : 11/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.212

Co-ordinates E=673976.434
N=2479851.935

Field Test	Nos	Samples	Nos	Commencement Date : 30/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 02/06/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	5	Level Of Ground : 292.386 m.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 4.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Highly to moderately weathered, light pinkish white, coarse grained, fractured rock.	15.75m							R4	CR=30% RQD=NIL
								R5	CR=29% RQD=NIL
								R6	CR=35% RQD=NIL
								R7	CR=34% RQD=NIL
								R8	CR=37% RQD=NIL
								R9	CR=39% RQD=NIL
								R10	CR=38% RQD=NIL
								R11	CR=37% RQD=NIL
								R12	CR=34% RQD=NIL
								R13	CR=37% RQD=NIL
								R14	CR=39% RQD=NIL
								R15	CR=44% RQD=NIL
								R16	CR=48% RQD=NIL
	25.00m								

N.B. - '*' means sample could not be recovered.



BH-212/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.213

Co-ordinates E=673987.972
N=2479878.636

Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.716 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 5.3 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
						11		SPT-1	1.50-1.95
		9	6	5					
						11		UDS-1	2.50-2.95
		5	4	7				SPT-2	2.95-3.40
Medium dense, whitish grey to light blackish grey, silty sand with gravels. Obs. mica.								DS-3	4.00
						10		SPT-3	4.50-4.95
		6	5	5					
						13		*UDS-2	5.50-5.95
		3	5	8				SPT-4	6.05-6.50
7.00m								DS-4	7.00
Stiff, blackish grey, clayey silt with sand mixture.						15		SPT-5	7.50-7.95
		5	7	8					
8.30m								*UDS-3	8.50-8.95
						18		SPT-6	9.05-9.50
		4	9	9				DS-5	10.00
						20		SPT-7	10.50-10.95
Medium dense, light grey, silty sand. Obs. kankars.		7	10	10					
						19		*UDS-4	11.50-11.95
		8	10	9				SPT-8	12.05-12.50
		100	3.0	cm	>100			*SPT-9	12.80-12.83
13.00m		100	4.0	cm	Refusal			*SPT-10	13.00-13.04
Highly weathered, light yellowish brown, coarse to medium grained, fractured rock.								R1	CR=25% RQD=NIL
								R2	CR=21% RQD=NIL
								R3	CR=26% RQD=NIL
								R4	CR=28% RQD=NIL
								R5	CR=26% RQD=NIL
								R6	CR=28% RQD=NIL
14.50m									
Highly weathered, light yellowish brown, coarse to medium grained, fractured rock.									
17.80m									



BH-213/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 03/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.213

Co-ordinates E=673987.972
N=2479878.636

Field Test	Nos	Samples	Nos	Commencement Date : 23/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 292.716 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 5.3 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Highly weathered, light yellowish brown, coarse to medium grained, fractured rock.								R7	CR=28% RQD=NIL 18.25
								R8	CR=32% RQD=16% 19.00
								R9	CR=33% RQD=16% 19.75
								R10	CR=34% RQD=14% 20.50
								R11	CR=40% RQD=30% 21.25
								R12	CR=36% RQD=NIL 22.00
Moderately weathered, pinkish grey, fine grained, fractured rock.								R13	CR=38% RQD=25% 22.75
								R14	CR=42% RQD=26% 23.50
								R15	CR=44% RQD=34% 24.25
								R16	CR=40% RQD=NIL 25.00
								R17	CR=41% RQD=14% 25.75
								R18	CR=40% RQD=14% 26.50
								R19	CR=41% RQD=NIL 27.25
								R20	CR=42% RQD=NIL 28.00
								R21	CR=41% RQD=NIL 28.75
								R22	CR=50% RQD=14% 29.50
Moderately weathered, pinkish grey, fine grained, fractured rock.								R23	CR=58% RQD=NIL 30.00
N.B. - '*' means sample could not be recovered.									



BH-213/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : SKD Created on : 08/07/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.AD1

Co-ordinates E=666898.266
N=2483994.683

Field Test	Nos	Samples	Nos	Commencement Date : 24/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	2	Completion Date : 26/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	4	Level Of Ground : 299.823 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm						Ref. No	Depth (m)
0.00m									
Stiff, yellowish brown, silty clay with sand mixture & kankar.								DS-1	0.50
								DS-2	1.00
		3	5	7		12		SPT-1	1.50-1.95
2.50m									
Medium dense, light grey, silty sand. Observed kankar & rock fragments.								*UDS-1	2.50-2.95
		5	6	7		13		SPT-2	3.05-3.50
								DS-3	4.00
		7	7	8		15		SPT-3	4.50-4.95
								*UDS-2	5.50-5.95
		10	11	12		23		SPT-4	6.05-6.50
Very dense, light grey, silty sand. Observed kankar & rock fragments.								DS-4	7.00
		12	14	16		30		SPT-5	7.50-7.95
		27	53			>100		SPT-6	8.50-8.70
8.50m									
Highly to moderately weathered, whitish grey, coarse grained, fractured rock.		100				Refusal		*SPT-7	9.00-9.04
		4.0				Pentn.		R1	9.00
9.00m									
		NX rotary drilling from 9.00m to 30.00m						R2	CR=40% RQD=Nil
								R3	CR=39% RQD=13%
								R4	CR=37% RQD=Nil
								R5	CR=35% RQD=Nil
								R6	CR=44% RQD=Nil
								R7	CR=45% RQD=Nil
								R8	CR=48% RQD=Nil
15.00m									
15.25m									



BH-1/Sheet-1



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : SKD Created on : 08/07/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.AD1

Co-ordinates E=666898.266
N=2483994.683

Field Test	Nos	Samples	Nos	Commencement Date : 24/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	2	Completion Date : 26/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	4	Level Of Ground : 299.823 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm						Ref. No	Depth (m)
Highly to moderately weathered, pinkish grey, coarse grained, fractured rock.	15.25m							R9	CR=41% RQD=Nil 15.75
								R10	CR=36% RQD=Nil 16.50
								R11	CR=43% RQD=20% 17.25
								R12	CR=49% RQD=17% 18.00
								R13	CR=40% RQD=25% 18.75
								R14	CR=47% RQD=24% 19.50
								R15	CR=48% RQD=Nil 20.25
								R16	CR=45% RQD=Nil 21.00
								R17	CR=48% RQD=13% 21.75
								R18	CR=47% RQD=23% 22.50
								R19	CR=43% RQD=32% 23.25
								R20	CR=53% RQD=28% 24.00
								R21	CR=55% RQD=28% 24.75
								R22	CR=47% RQD=23% 25.50
	25.50m							R23	CR=35% RQD=Nil 26.25
Highly to moderately weathered, whitish grey, coarse grained, fractured rock.								R24	CR=36% RQD=Nil 27.00
								R25	CR=37% RQD=Nil 27.75
								R26	CR=36% RQD=Nil 28.50
								R27	CR=35% RQD=Nil 29.25
								R28	CR=43% RQD=Nil 30.00
	30.00m								
N.B. - '*' means sample could not be recovered.									



BORE HOLE NO.AD2

Co-ordinates	E=666525.132 N=2483634.251
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Field Test	Nos	Samples	Nos	Commencement Date :	19/06/2024
				Completion Date :	24/06/2024
Penetrometer (SPT)	3	Undisturbed (UDS)	0	Bore Hole Diameter :	150mm / NX.
Cone (Pc)		Penetrometer (SPT)	3	Level Of Ground :	300.671 M.
		Disturbed (DS)	2	Water Struck At :	
Vane (V)		Water Sample (WS)	0	Standing Water Level :	1.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES		
		EACH DIVN. = 15cm							Ref. No	Depth (m)	
0.00m											
Filled up with fly ash.									DS-1	0.50	
1.00m									DS-2	1.00	
Loose, light grey, silty sand with kankar & gravel.						5			SPT-1	1.50-1.95	
2.30m									SPT-2	2.30-2.50	
Very dense, light grey, silty sand with kankar & gravel.									*SPT-3	2.80-2.83	2.80
2.80m									R1	CR=26% RQD=Nil	↓ 3.50
Highly to moderately weathered, pinkish grey, coarse grained, fractured rock.									R2	CR=29% RQD=Nil	↓ 4.25
									R3	CR=33% RQD=Nil	↓ 5.00
									R4	CR=44% RQD=27%	↓ 5.75
									R5	CR=43% RQD=25%	↓ 6.50
									R6	CR=48% RQD=20%	↓ 7.25
									R7	CR=52% RQD=28%	↓ 8.00
7.25m									R8	CR=51% RQD=15%	↓ 8.75
Moderately weathered, pinkish grey, coarse grained, fractured rock.									R9	CR=56% RQD=27%	↓ 9.50
9.50m									R10	CR=44% RQD=19%	↓ 10.25
Moderately weathered, pinkish grey, coarse grained, fractured rock.									R11	CR=49% RQD=37%	↓ 11.00
11.75m									R12	CR=51% RQD=13%	↓ 11.75
Highly/moderately weathered, pinkish grey, coarse grained, fractured rock.									R13	CR=44% RQD=Nil	↓ 12.50
									R14	CR=47% RQD=Nil	↓ 13.25
									R15	CR=48% RQD=Nil	↓ 14.00
									R16	CR=37% RQD=Nil	↓ 14.75
									R17	CR=37% RQD=Nil	↓ ~
15.25m											



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : SKD Created on : 08/07/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.AD2

Co-ordinates E=666525.132
N=2483634.251

Field Test	Nos	Samples	Nos	Commencement Date : 19/06/2024
Penetrometer (SPT)	3	Undisturbed (UDS)	0	Completion Date : 24/06/2024
Cone (Pc)		Penetrometer (SPT)	3	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	2	Level Of Ground : 300.671 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm						Ref. No	Depth (m)
Highly/moderately weathered, pinkish grey, coarse grained, fractured rock.	15.25m							R18	CR=40% RQD=Nil 15.50
								R19	CR=32% RQD=Nil 16.25
								R20	CR=39% RQD=Nil 17.00
								R21	CR=40% RQD=Nil 17.75
								R22	CR=37% RQD=Nil 18.50
								R23	CR=33% RQD=Nil 19.25
								R24	CR=36% RQD=Nil 20.00
								R25	CR=53% RQD=Nil 20.75
								R26	CR=45% RQD=Nil 21.50
								R27	CR=39% RQD=Nil 22.25
								R28	CR=40% RQD=Nil 23.00
								R29	CR=48% RQD=Nil 23.75
								R30	CR=40% RQD=Nil 24.50
								R31	CR=49% RQD=Nil 25.25
Moderately weathered, pinkish grey, coarse grained, fractured rock.	26.75m							R32	CR=39% RQD=Nil 26.00
								R33	CR=55% RQD=21% 26.75
								R34	CR=56% RQD=32% 27.50
								R35	CR=42% RQD=Nil 28.25
								R36	CR=57% RQD=21% 29.00
N.B. - '*' means sample could not be recovered.	30.00m								30.00





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

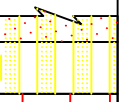
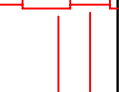
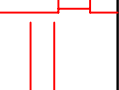
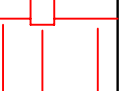
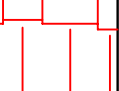
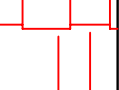
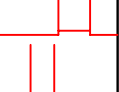
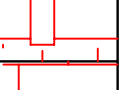
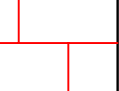
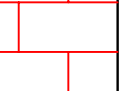
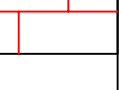
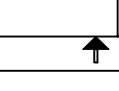
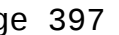
Job No : 4732 Created by : SKD Created on : 08/07/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.AD3

Co-ordinates E=672493.000
N=2484544.000

Field Test	Nos	Samples	Nos	Commencement Date : 22/06/2024
Penetrometer (SPT)	12	Undisturbed (UDS)	5	Completion Date : 23/06/2024
Cone (Pc)		Penetrometer (SPT)	12	Bore Hole Diameter : 150mm / NX.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 289.500 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm						Ref. No	Depth (m)
Medium dense to dense, reddish brown, silty sand with kankar. Observed gravel & decomposed rock fragments.		8	12	13	25	36	53	SPT-10	15.05-15.50
Very dense, reddish brown, silty sand with kankar. Observed gravel & decomposed rock fragments.		100						SPT-11 *SPT-12	15.70-15.90 16.00-16.03
Highly to moderately weathered, blackish grey, medium grained, fractured rock.								R1	16.00-16.03
								R2	16.75-17.50
								R3	17.50-18.25
								R4	18.25-19.00
								R5	19.00-19.75
								R6	19.75-20.50
								R7	20.50-21.25
								R8	21.25-22.00
								R9	22.00-22.75
								R10	22.75-23.50
Moderately to slightly weathered, light blackish grey, medium grained, fractured rock.								R11	23.50-24.25
								R12	24.25-25.00
								R13	25.00-25.75
								R14	25.75-26.50
								R15	26.50-27.25
								R16	27.25-28.00
								R17	28.00-28.75
								R18	28.75-29.50
								R19	29.50-30.00
N.B. - '*' means sample could not be recovered.									



BH-3/Sheet-2



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET **BORE HOLE NO. CHST-01(M)**

Co-ordinates E=672453.824
N=2479647.090

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	7	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.566 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		9	10	12					SPT-1	1.50-1.95
		10	12	14					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
		11	13	16					DS-3	4.00
									SPT-3	4.50-4.95
		13	19	25					UDS-2	5.50-5.80
									SPT-4	5.80-6.25
									DS-4	7.00
7.40m		7	9	10					SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		7	8	10					SPT-6	9.05-9.50
									DS-5	10.00
		10	9	11					SPT-7	10.50-10.95
		7	12	13					*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
		8	7	11					DS-6	13.00
									SPT-9	13.50-13.95
		10	10	11					*UDS-5	14.50-14.95
									SPT-10	15.05-15.50
									DS-7	16.00
		11	11	13					SPT-11	16.50-16.95
		9	12	11					*UDS-6	17.50-17.95
									SPT-12	18.05-18.50
									DS-8	19.00
		12	13	14					SPT-13	19.50-19.95
20.20m										
									*UDS-7	20.50-20.95
		11	14	18					SPT-14	21.05-21.50
21.50m										
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO. CHST-02(M)

Co-ordinates E=672580.033
N=2479609.033

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.591 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up soil consists of fly ash.									DS-1	0.50
									DS-2	1.00
		4	6	6					SPT-1	1.50-1.95
2.00m										
		6	10	11					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
		8	12	14					SPT-3	4.50-4.95
Very stiff to hard, reddish brown, silty clay with sand mixture & kankars.		8	13	16					UDS-2	5.50-5.95
									SPT-4	5.95-6.40
		9	12	16					DS-4	7.00
									SPT-5	7.50-7.95
		9	14	17					UDS-3	8.50-8.95
									SPT-6	8.95-9.40
9.70m										
		7	9	10					DS-5	10.00
									SPT-7	10.50-10.95
		7	9	11					*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
		7	8	10					DS-6	13.00
									SPT-9	13.50-13.95
		8	10	11					*UDS-5	14.50-14.95
Medium dense to dense, yellowish brown, silty sand with kankars.									SPT-10	15.05-15.50
		8	11	12					DS-7	16.00
									SPT-11	16.50-16.95
		9	11	13					*UDS-6	17.50-17.95
									SPT-12	18.05-18.50
		10	13	16					DS-8	19.00
									SPT-13	19.50-19.95
		12	20	28					DS-9	20.50
21.45m									SPT-14	21.00-21.45
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET **BORE HOLE NO. CHST-03(M)**

Co-ordinates E=672393.354
N=2479583.644

Field Test	Nos	Samples	Nos	Commencement Date : 28/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	7	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 304.606 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		6	7	8					SPT-1	1.50-1.95
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.									UDS-1	2.50-2.95
		9	10	12					SPT-2	2.95-3.40
									DS-3	4.00
		9	11	16					SPT-3	4.50-4.95
									UDS-2	5.50-5.95
5.95m		11	15	23					SPT-4	5.95-6.40
									DS-4	7.00
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.		13	16	21					SPT-5	7.50-7.95
		17	18	24					*UDS-3	8.50-8.60
									SPT-6	8.80-9.25
									DS-5	10.00
10.50m		9	10	11					SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	9	12					SPT-8	12.05-12.50
									DS-6	13.00
		8	12	13					SPT-9	13.50-13.95
Medium dense, yellowish brown, silty sand. Obs. kankars.									*UDS-5	14.50-14.95
		9	13	15					SPT-10	15.05-15.50
									DS-7	16.00
		11	11	15					SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		10	11	13					SPT-12	18.05-18.50
									DS-8	19.00
		9	12	11					SPT-13	19.50-19.95
20.50m									*UDS-7	20.50-20.95
Hard, yellowish grey, silty clay with sand mixture & kankars.		10	14	17					SPT-14	21.05-21.50
21.50m										
N.B. - '*' means sample could not be recovered.										



BORE LOG DATA SHEET

BORE HOLE NO. CHST-04(M)

Co-ordinates	E=672515.822 N=2479543.313
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Field Test	Nos	Samples	Nos	Commencement Date : 24/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 25/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.610 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level :



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

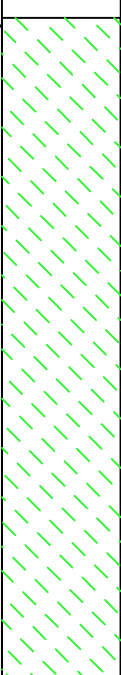
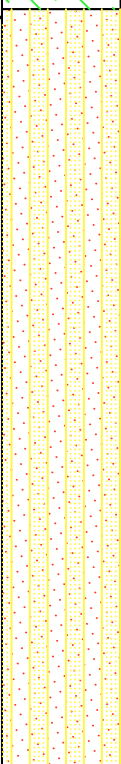
Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET BORE HOLE NO. CHST-05(M)

Co-ordinates E=672586.420
N=2479527.461

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.246 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankars.		0.00m							DS-1	0.50
									DS-2	1.00
		3	8	14					SPT-1	1.50-1.95
		6	11	12					*UDS-1	2.50-2.95
									SPT-2	3.00-3.45
									DS-3	4.00
		6	11	11					SPT-3	4.50-4.95
		7	10	12					UDS-2	5.55-6.00
									SPT-4	6.00-6.45
									DS-4	7.00
		6	10	10					SPT-5	7.50-7.95
Medium dense to dense, yellowish brown, silty sand with kankars.		10.00m							DS-5	10.00
		7	12	13					SPT-7	10.50-10.95
									DS-6	11.50
		8	13	15					*UDS-4	12.00-12.45
									SPT-8	12.55-13.00
									DS-7	13.50
		8	15	18					SPT-9	14.00-14.45
		7	14	17					*UDS-5	15.00-15.45
									SPT-10	15.55-16.00
									DS-8	16.50
		8	15	19					SPT-11	17.00-17.45
		8	17	21					*UDS-6	18.00-18.45
							SPT-12	18.55-19.00		
									DS-9	19.50
		9	19	23					SPT-13	20.00-20.45
		9	20	25					SPT-14	21.00-21.45
		21.45m								
N.B. - '*' means sample could not be recovered.										



BH-5/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO. CHST-06(M)

Co-ordinates	E=672168.756 N=479400.676
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Field Test	Nos	Samples	Nos	Commencement Date : 29/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	7	Completion Date : 29/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 308.305 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level :



Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET **BORE HOLE NO. CHST-07(M)**

Co-ordinates E=672366.777
N=2479388.617

Field Test	Nos	Samples	Nos	Commencement Date : 25/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 27/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.421 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		8	13	14					SPT-1	1.50-1.95
Very stiff, reddish brown, silty clay with sand mixture & kankars.									UDS-1	2.50-2.80
		10	14	16					SPT-2	2.80-3.25
									DS-3	4.00
		9	13	16					SPT-3	4.50-4.95
									UDS-2	5.50-5.95
5.95m		14	17	17					SPT-4	5.95-6.40
									DS-4	7.00
Hard, reddish brown, silty clay with sand mixture & kankars.		12	15	20					SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		13	16	22					SPT-6	8.95-9.40
9.50m									DS-5	10.00
		9	9	10					SPT-7	10.50-10.95
									*UDS-4	11.45-11.90
		9	8	13					SPT-8	12.00-12.45
Medium dense, yellowish brown, silty sand with kankars.									DS-6	13.00
		10	11	12					SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		10	10	15					SPT-10	15.10-15.55
									DS-7	16.00
		10	13	12					SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
18.55m		10	13	15					SPT-12	18.10-18.55
									DS-8	19.00
Hard, yellowish grey, silty clay with sand mixture & decomposed rock.		13	15	18					SPT-13	19.50-19.95
									DS-9	20.50
		12	15	21					SPT-14	21.00-21.45
21.45m										
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO. CHST-08(M)

Co-ordinates E=672494.247
N=2479349.039

Field Test	Nos	Samples	Nos	Commencement Date : 27/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 28/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.774 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		7	9	13				22	SPT-1	1.45-1.90
									DS-3	2.50
									UDS-1	3.00-3.45
		9	13	12				25	SPT-2	3.45-3.90
									DS-4	4.50
		10	13	14				27	SPT-3	5.00-5.45
									UDS-2	6.00-6.45
		12	14	16				30	SPT-4	6.45-6.90
									DS-5	7.50
									SPT-5	8.00-8.45
		13	17	19				36		
									UDS-3	9.00-9.45
		14	21	18				39	SPT-6	9.45-9.90
8.00m									DS-6	10.50
		7	8	9				17	SPT-7	11.00-11.45
									*UDS-4	12.00-12.45
									SPT-8	12.60-13.05
		9	9	9				18	DS-7	13.50
									SPT-9	14.00-14.45
		9	10	10				20		
									*UDS-5	15.00-15.45
		12	11	13				24	SPT-10	15.60-16.05
									DS-8	16.50
		10	11	15				26	SPT-11	17.00-17.45
									*UDS-6	18.00-18.45
		12	14	19				33	SPT-12	18.60-19.05
									DS-9	19.50
		11	15	20				35	SPT-13	20.00-20.45
									SPT-14	21.00-21.45
		9	14	18				32		
21.45m										
N.B. - '*' means sample could not be recovered.										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.

CETEST

Job No : 4732

Created by : Chandrani

Created on : 21/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO. CHST-09(M)

Co-ordinates E=672475.766
N=2478904.876

Field Test	Nos	Samples	Nos	Commencement Date : 02/06/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	5	Completion Date : 02/06/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 307.274 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level :

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
Very stiff, reddish / brownish grey, silty clay.								DS-2	1.00
		5	7	10			17	SPT-1	1.50-1.95
								DS-3	2.50
							22	UDS-1	3.00-3.45
		6	9	13				SPT-2	3.45-3.90
							27	DS-4	4.50
		7	11	16				SPT-3	5.00-5.45
							25	UDS-2	6.00-6.45
		6	10	15				SPT-4	6.45-6.90
						30	DS-5	7.50	
9.45m	7	13	17				SPT-5	8.00-8.45	
						32	UDS-3	9.00-9.45	
	6	14	18				SPT-6	9.45-9.90	
						36	DS-6	10.50	
12.00m								SPT-7	11.00-11.45
							40	*UDS-4	12.00-12.45
		9	18	22				SPT-8	12.55-13.00
							34	DS-7	13.50
								SPT-9	14.00-14.45
		7	16	18			37	*UDS-5	15.00-15.45
								SPT-10	15.55-16.00
		7	17	20				DS-8	16.50
							33	SPT-11	17.00-17.45
		Dense, brownish grey, silty sand.	6	15	18			36	DS-9
21.45m	7	17	19				SPT-12	18.50-18.95	
						39	DS-10	19.50	
	6	18	21				SPT-13	20.00-20.45	
	7	21	23			44	SPT-14	21.00-21.45	
N.B. - '*' means sample could not be recovered.									





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.PMT 1

Co-ordinates E=672418.199
N=2479651.799

Field Test	Nos	Samples	Nos	Commencement Date : 02/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 04/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 304.021 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.50 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									DS-3	2.50
									SPT-2	3.00-3.45
									DS-4	4.00
									SPT-3	4.50-4.95
									DS-5	5.50
6.00m									SPT-4	6.00-6.45
									DS-6	7.00
									SPT-5	7.50-7.95
									DS-7	8.50
									SPT-6	9.00-9.45
									DS-8	10.00
									SPT-7	10.50-10.95
11.50m									DS-9	11.50
									SPT-8	12.00-12.45
									DS-10	13.00
									SPT-9	13.50-13.95
									DS-11	14.50
									SPT-10	15.00-15.45
									DS-12	16.00
									SPT-11	16.50-16.95
									DS-13	17.50
									SPT-12	18.00-18.45
									DS-14	19.50
20.00m									SPT-13	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 2 Co-ordinates E=672452.925 N=2479564.505

Field Test	Nos	Samples	Nos	Commencement Date : 01/06/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	0	Completion Date : 03/06/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 304.336 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm.						Ref. No	Depth (m)
0.00m Very stiff to hard, reddish brown, clayey silt with sand mixture & kankar.								DS-1	0.50
								DS-2	1.00
		5	7	10			17	SPT-1	1.50-1.95
								DS-3	2.50
		7	12	13			25	SPT-2	3.00-3.45
								DS-4	4.00
		11	17	19			36	SPT-3	4.50-4.95
								DS-5	5.50
		10	14	16			30	SPT-4	6.00-6.45
								DS-6	7.00
9.00m Medium dense to dense, yellowish brown, silty sand with kankar.		9	12	15			27	SPT-5	7.50-7.95
								DS-7	8.50
		7	10	10			20	SPT-6	9.00-9.45
								DS-8	10.00
		8	11	10			21	SPT-7	10.50-10.95
								DS-9	11.50
		6	10	13			23	SPT-8	12.00-12.45
								DS-10	13.00
		9	12	14			26	SPT-9	13.50-13.95
								DS-11	14.50
19.00m Hard, yellowish grey, silty clay with decomposed rock fragments. 20.00m		10	11	14			25	SPT-10	15.00-15.45
								DS-12	16.00
		10	13	16			29	SPT-11	16.50-16.95
								DS-13	17.50
		12	16	18			34	SPT-12	18.00-18.45
								DS-14	18.85
		11	16	19			35	SPT-13	19.30-19.75
		10	14	20			34	SPT-14	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 3 Co-ordinates E=672623.322 N=2479589.669

Field Test	Nos	Samples	Nos	Commencement Date : 06/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 08/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 302.417 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar & gravels.									DS-1	0.50
									DS-2	1.00
		8	13	15				28	SPT-1	1.50-1.95
									DS-3	2.50
								34	SPT-2	3.00-3.45
		14	16	18					DS-4	4.00
									SPT-3	4.50-4.95
		15	17	20				37	DS-5	5.50
3.00m Hard, reddish brown, silty clay with sand mixture. Obs. kankar & gravel.									SPT-4	6.00-6.45
									DS-6	7.00
		16	19	21				40	SPT-5	7.50-7.95
									DS-7	8.50
								42	SPT-6	9.00-9.45
		15	20	22					DS-8	10.00
									SPT-7	10.50-10.95
		8	10	12				22	DS-9	11.50
8.00m									SPT-8	12.00-12.45
									DS-10	13.00
		9	11	12				23	SPT-9	13.50-13.95
									DS-11	14.50
								24	SPT-10	15.00-15.45
		10	12	12					DS-12	16.00
									SPT-11	16.50-16.95
		11	13	13				26	DS-13	17.50
									SPT-12	18.00-18.45
								31	DS-14	19.00
		12	15	16					SPT-13	20.00-20.45
		12	17	20				37		
								40		
		13	19	21						
								41		
20.00m		14	19	22						



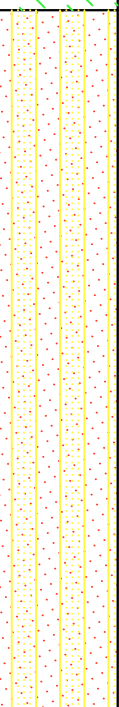
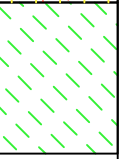


Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 4 Co-ordinates E=672335.157
N=2479730.599

Field Test	Nos	Samples	Nos	Commencement Date : 04/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 05/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 302.950 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.00 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, clayey silt with sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
		4	5	5			10		SPT-1	1.50-1.95
									DS-3	2.50
		7	8	10			18		SPT-2	3.00-3.45
									DS-4	4.00
		6	10	14			24		SPT-3	4.50-4.95
									DS-5	5.50
		6	12	13			25		SPT-4	6.00-6.45
									DS-6	7.00
		7	10	14			24		SPT-5	7.50-7.95
									DS-7	8.50
8.20m Medium dense to dense, yellowish brown, silty sand with kankar.									SPT-6	9.00-9.45
		5	7	9			16		DS-8	10.00
									SPT-7	10.50-10.95
		6	8	8			16		DS-9	11.50
									SPT-8	12.00-12.45
		7	9	10			19		DS-10	13.00
									SPT-9	13.50-13.95
		9	10	13			23		DS-11	14.50
									SPT-10	15.00-15.45
		11	14	15			29		DS-12	16.00
									SPT-11	16.50-16.95
		12	14	16			30		DS-13	17.50
17.90m Hard, yellowish grey, silty clay with sand mixture & kankar.									SPT-12	18.00-18.45
		13	15	16			31		DS-14	19.50
20.00m									SPT-13	20.00-20.45
		14	16	16			32			





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 5 Co-ordinates E=672078.271 N=2479846.020

Field Test	Nos	Samples	Nos	Commencement Date : 09/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 10/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 307.120 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture.		8	11	13					DS-1	0.50
									DS-2	1.00
		9	13	14					SPT-1	1.50-1.95
									DS-3	2.50
		10	13	16					SPT-2	3.00-3.45
									DS-4	4.00
		11	14	16					SPT-3	4.50-4.95
									DS-5	5.50
		13	16	20					SPT-4	6.00-6.45
									DS-6	7.00
7.50m Hard, reddish brown, silty clay with sand mixture.		12	14	18					SPT-5	7.50-7.95
									DS-7	8.50
		14	17	21					SPT-6	9.00-9.45
									DS-8	10.00
		8	11	13					SPT-7	10.50-10.95
									DS-9	11.50
		10	12	15					SPT-8	12.00-12.45
									DS-10	13.00
		10	13	16					SPT-9	13.50-13.95
									DS-11	14.50
11.60m Medium dense to dense, brownish grey, silty sand with kankar.		12	15	17					SPT-10	15.00-15.45
									DS-12	16.00
		11	14	19					SPT-11	16.50-16.95
									DS-13	17.50
		8	11	13					SPT-12	18.00-18.45
									DS-14	19.00
		12	16	20						
									SPT-13	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 6 Co-ordinates E=672029.738
N=2479629.269

Field Test	Nos	Samples	Nos	Commencement Date : 08/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 09/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 308.715 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.50 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
Very stiff, reddish brown, clayey silt with sand mixture & kankar.									DS-3	2.50
									SPT-2	3.00-3.45
									DS-4	4.00
									SPT-3	4.50-4.95
									DS-5	5.50
6.00m									SPT-4	6.00-6.45
									DS-6	7.00
Hard, reddish brown, clayey silt with sand mixture & kankar.									SPT-5	7.50-7.95
									DS-7	8.50
									SPT-6	9.00-9.45
10.00m									DS-8	10.00
									SPT-7	10.50-10.95
									DS-9	11.50
									SPT-8	12.00-12.45
									DS-10	13.00
									SPT-9	13.50-13.95
Medium dense to dense, yellowish brown, silty sand with kankar.									DS-11	14.50
									SPT-10	15.00-15.45
									DS-12	16.00
									SPT-11	16.50-16.95
									DS-13	17.50
									SPT-12	18.00-18.45
									DS-14	19.00
20.00m									SPT-13	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 7 Co-ordinates E=672239.168
N=2479399.320

Field Test	Nos	Samples	Nos	Commencement Date : 12/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 13/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 306.357 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.10 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.		10	13	16	29				DS-1 DS-2 SPT-1	0.50 1.00 1.50-1.95
3.00m		8	16	20	36				DS-3 SPT-2	2.50 3.00-3.45
		7	14	19	33				DS-4 SPT-3	4.00 4.50-4.95
		8	19	22	41				DS-5 SPT-4	5.50 6.00-6.45
		12	19	25	44				DS-6 SPT-5	7.00 7.50-7.95
		11	21	27	48				DS-7 SPT-6	8.50 9.00-9.45
		9	15	18	33				DS-8 SPT-7	10.00 10.50-10.95
		7	13	13	26				DS-9 SPT-8	11.50 12.00-12.45
12.30m		9	11	13	24				DS-10 SPT-9	13.00 13.50-13.95
		8	12	13	25				DS-11 SPT-10	14.50 15.00-15.45
		10	11	12	23				DS-12 SPT-11	16.00 16.50-16.95
		9	12	14	26				DS-13 SPT-12	17.50 18.00-18.45
		11	12	13	25				DS-14 SPT-13	19.50 20.00-20.45
20.00m										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET **BORE HOLE NO.PMT 8** Co-ordinates E=672408.681 N=2479179.595

Field Test	Nos	Samples	Nos	Commencement Date : 05/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 06/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 306.523 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.00 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m Stiff, reddish brown, silty clay with sand mixture. Obs. gravels & kankar.									DS-1	0.50
									DS-2	1.00
1.50m		3	5	9				14	SPT-1	1.50-1.95
									DS-3	2.50
		5	9	11				20	SPT-2	3.00-3.45
									DS-4	4.00
		7	10	12				22	SPT-3	4.50-4.95
6.00m									DS-5	5.50
		14	26	30				56	SPT-4	6.00-6.45
									DS-6	7.00
		14	25	31				56	SPT-5	7.50-7.95
									DS-7	8.50
		15	28	32				60	SPT-6	9.00-9.45
10.00m									DS-8	10.00
		15	18	20				38	SPT-7	10.50-10.95
									DS-9	11.50
		15	17	21				38	SPT-8	12.00-12.45
									DS-10	13.00
		7	12	18				30	SPT-9	13.50-13.95
									DS-11	14.50
		6	11	17				28	SPT-10	15.00-15.45
									DS-12	16.00
		6	12	15				27	SPT-11	16.50-16.95
									DS-13	17.50
		7	12	13				25	SPT-12	18.00-18.45
18.50m									DS-14	19.00
20.00m		6	12	12				24	SPT-13	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 9 Co-ordinates E=672021.503
N=-2479179.595

Field Test	Nos	Samples	Nos	Commencement Date : 30/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 31/05/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 307.83 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.00 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
0.00m									DS-1	0.50
Very stiff, reddish brown, silty clay with sand.									DS-2	1.00
							21		SPT-1	1.50-1.95
		8	10	11					DS-3	2.50
									SPT-2	3.00-3.45
							29		DS-4	4.00
		7	13	16					SPT-3	4.50-4.95
4.50m									DS-5	5.50
Hard, reddish brown, silty clay with sand.									SPT-4	6.00-6.45
									DS-6	7.00
									SPT-5	7.50-7.95
									DS-7	8.50
									SPT-6	9.00-9.45
									DS-8	10.00
Medium dense to dense, reddish brown to yellowish brown, silty sand. Obs. kankar.									SPT-7	10.50-10.95
									DS-9	11.50
									SPT-8	12.00-12.45
									DS-10	13.00
									SPT-9	13.50-13.95
									DS-11	14.50
12.00m									SPT-10	15.00-15.45
Hard, light yellowish brown, silty clay. Obs. kankar.									DS-12	16.00
									SPT-11	16.50-16.95
									DS-13	17.50
									SPT-12	18.00-18.45
									DS-14	19.50
									SPT-13	20.00-20.45
19.00m										
20.00m										





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 10 Co-ordinates E=672344.963 N=2479043.094

Field Test	Nos	Samples	Nos	Commencement Date : 31/05/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 01/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 307.235 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.20 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
		6	8	9			17		SPT-1	1.50-1.95
									DS-3	2.50
		7	10	12			22		SPT-2	3.00-3.45
									DS-4	4.00
		12	14	16			30		SPT-3	4.50-4.95
									DS-5	5.50
									SPT-4	6.00-6.45
		13	15	17			32		DS-6	7.00
Hard, reddish brown, silty clay with sand mixture & kankar.									SPT-5	7.50-7.95
		12	15	18			33		DS-7	8.50
									SPT-6	9.00-9.45
		13	16	19			35		DS-8	10.00
									SPT-7	10.50-10.95
		12	15	23			38		DS-9	11.50
									SPT-8	12.00-12.45
		8	11	14			25		DS-10	13.00
									SPT-9	13.45-13.90
		9	12	14			26		DS-11	14.50
Medium dense, reddish brown to light yellowish brown, silty sand. Obs. kankar.									SPT-10	15.00-15.45
		10	13	12			25		DS-12	16.00
									SPT-11	16.50-16.95
		10	11	13			24		DS-13	17.50
									SPT-12	18.00-18.45
		11	13	13			26		DS-14	19.00
									SPT-13	20.00-20.45
		10	12	15			27			





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 17/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 11 Co-ordinates E=672759.594
N=2479932.961

Field Test	Nos	Samples	Nos	Commencement Date : 11/06/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	0	Completion Date : 12/06/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	14	Level Of Ground : 298.372 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 7.90 m

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm.						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		10	11	15			26	SPT-1	1.50-1.95
								DS-3	2.50
		9	12	18			30	SPT-2	3.00-3.45
								DS-4	4.00
		7	10	13			23	SPT-3	4.50-4.95
								DS-5	5.50
		8	9	12			21	SPT-4	6.00-6.45
6.50m								DS-6	7.00
		7	7	10			17	SPT-5	7.50-7.95
								DS-7	8.50
		8	7	5			12	SPT-6	9.00-9.45
								DS-8	10.00
		9	10	6			16	SPT-7	10.50-10.95
								DS-9	11.50
		7	8	9			17	SPT-8	12.00-12.45
								DS-10	13.00
		10	10	12			22	SPT-9	13.50-13.95
								DS-11	14.50
		7	11	13			24	SPT-10	15.00-15.45
								DS-12	16.00
		9	12	14			26	SPT-11	16.50-16.95
								DS-13	17.50
18.00m		13	17	19			36	SPT-12	18.00-18.45
								DS-14	19.50
20.00m		14	16	21			37	SPT-13	20.00-20.45





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 20/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 12 Co-ordinates E=673965.794 N=2479864.122

Field Test	Nos	Samples	Nos	Commencement Date : 14/06/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	0	Completion Date : 15/06/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	20	Level Of Ground : 291.277 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 4.50 m

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm.						Ref. No	Depth (m)
Very loose to loose, light grey, silty sand. Obs. kankar.								DS-1	0.50
		1	1	3		4		SPT-1	1.00-1.45
								DS-2	2.00
		1	1	2		3		SPT-2	2.50-2.95
								DS-3	3.50
		2	2	3		5		SPT-3	4.00-4.45
								DS-4	5.00
		2	2	4		6		SPT-4	5.50-5.95
								DS-5	6.50
		3	4	4		8		SPT-5	7.00-7.45
								DS-6	8.00
		5	6	7		13		SPT-6	8.50-8.95
								DS-7	9.50
		3	4	4		8		SPT-7	10.00-10.45
								DS-8	11.00
Completely weathered, light pinkish grey, fully decomposed rock.								DS-9	11.50
								*SPT-8	12.00-12.0212.00
								R1	CR=NIL RQD=NIL
								DS-10	12.75





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 20/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 12 Co-ordinates E=673965.794 N=2479864.122

Field Test	Nos	Samples	Nos	Commencement Date : 14/06/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	0	Completion Date : 15/06/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	20	Level Of Ground : 291.277 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 4.50 m

DESCRIPTION	SYMBOL	N-VALUE			SAMPLES	
		EACH DIVN. = 15cm.			Ref. No	Depth (m)
Completely weathered, light pinkish grey, fully decomposed rock.	12.75m	100	Refusal		*SPT-9	12.75-12.77 12.75
		2.0 cm	Penth.		R2	CR=NIL RQD=NIL
			Refusal		DS-11	
		100	Refusal		*SPT-10	13.50-13.53 13.50
		3.0 cm	Penth.		R3	CR=NIL RQD=NIL
			Refusal		DS-12	
		100	Refusal		*SPT-11	14.25-14.29 14.25
		4.0 cm	Penth.		R4	CR=NIL RQD=NIL
			Refusal		DS-13	
		100	Refusal		*SPT-12	15.00-15.02 15.00
		2.0 cm	Penth.		R5	CR=NIL RQD=NIL
			Refusal		DS-14	
		100	Refusal		*SPT-13	15.75-15.78 15.75
		3.0 cm	Penth.		R6	CR=NIL RQD=NIL
			Refusal		DS-15	
		100	Refusal		*SPT-14	16.50-16.52 16.50
		2.0 cm	Penth.		R7	CR=NIL RQD=NIL
			Refusal		DS-16	
		100	Refusal		*SPT-15	17.25-17.29 17.25
		4.0 cm	Penth.		R8	CR=NIL RQD=NIL
			Refusal		DS-17	
		100	Refusal		*SPT-16	18.00-18.03 18.00
		3.0 cm	Penth.		R9	CR=NIL RQD=NIL
			Refusal		DS-18	
		100	Refusal		*SPT-17	18.75-18.77 18.75
		2.0 cm	Penth.		R10	CR=NIL RQD=NIL
			Refusal		DS-19	
		100	Refusal		*SPT-18	19.50-19.54 19.50
		4.0 cm	Penth.		R11	CR=NIL RQD=NIL
			Refusal		DS-20	
	20.00m	100	Refusal		*SPT-19	20.00-20.04 20.00
		4.0 cm	Penth.			

N.B. - '*' means sample could not be recovered.





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 20/06/2024 Sheet No:

BORE LOG DATA SHEET BORE HOLE NO.PMT 13 Co-ordinates E=673728.6061 N=2479006.320

Field Test	Nos	Samples	Nos	Commencement Date : 12/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	0	Completion Date : 16/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	7	Level Of Ground : 294.446 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN. = 15cm.						Ref. No	Depth (m)
0.00m									
Filled up with coal dust.								DS-1	0.50
1.00m								DS-2	1.00
		7	7	10	17			SPT-1	1.50-1.95
								DS-3	2.50
		4	5	7	12			SPT-2	3.00-3.45
								DS-4	4.00
		8	9	11	20			SPT-3	4.50-4.95
Very stiff, yellowish grey, silty clay wioth sand mixture. Obs. kankar.								DS-5	5.50
		8	13	15	28			SPT-4	6.00-6.45
								DS-6	7.00
		6	7	10	17			SPT-5	7.50-7.95
								DS-7	8.30
		24	52		>100			SPT-6	8.60-8.80
		100	5.0	cm	Pentn. Refusal			*SPT-7	9.00-9.04 9.00
			4.0	cm	Pentn.			R1	CR=40% RQD=NIL 9.75
								R2	CR=39% RQD=NIL 10.50
Highly to moderately weathered, pinkish brown, medium to coarse grained, fractured rock.								R3	CR=33% RQD=16% 11.25
								R4	CR=43% RQD=NIL 12.00
								R5	CR=32% RQD=NIL 12.75
12.75m									

NX. rotary drilling from 9.00m to 20.00m





Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West. **CETEST**

Job No : 4732 Created by : Sumona Created on : 20/06/2024 Sheet No:

BORE LOG DATA SHEET **BORE HOLE NO.PMT 13** Co-ordinates E=673728.6061
N=2479006.320

Field Test	Nos	Samples	Nos	Commencement Date : 12/06/2024
Penetrometer (SPT)	7	Undisturbed (UDS)	0	Completion Date : 16/06/2024
Cone (Pc)		Penetrometer (SPT)	7	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	7	Level Of Ground : 294.446 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 1.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN. = 15cm.							Ref. No	Depth (m)
Highly to moderately weathered, pinkish brown, medium to coarse grained, fractured rock.	12.75m								R6	CR=40% RQD=17% ↓ 13.50
									R7	CR=42% RQD=35% ↓ 14.25
									R8	CR=35% RQD=NIL ↓ 15.00
									R9	CR=39% RQD=NIL ↓ 15.75
									R10	CR=41% RQD=15% ↓ 16.50
									R11	CR=45% RQD=17% ↓ 17.25
									R12	CR=40% RQD=19% ↓ 18.00
	18.00m								R13	CR=57% RQD=NIL ↓ 18.75
									R14	CR=53% RQD=13% ↓ 19.50
									R15	CR=59% RQD=NIL ↓ 20.00
Moderately weathered, pinkish brown, medium to coarse grained, fractured rock.	20.00m									
N.B. - '*' means sample could not be recovered.										



Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH01	UDS01	2.50	Reddish brown clayey silt with sand & decomposed rock fragments.	2.02	1.79	2.63	12 S	0.388	TRSH-UU		1.46	0	46	23	14	CI		49	37	14
							13 T		3.0	1.472										
							12 C		2.0	1.459										
									1.0	1.449										
BH01	SPT03	4.50	Reddish brown, silty sand with traces of clay binder & kankar.													SM		69	25	6
BH01	SPT04	6.05	Brownish grey silty sand with clay binder													SM		77	23 (Silt+Clay)	
BH01	SPT08	12.05	Brownish grey silty sand													SP		97	3 (Silt+Clay)	
BH01	SPT09	13.50	Yellowish brown clayey silt with traces of sand mixtures.										34	16		CL				
BH02	UDS01	2.50	Reddish brown clayey silt with sand mixture	2.03	1.78		13 S		UNCONFD		1.25	0	39	19	16	CI		35	42	23
							14 T		0.0	1.266										
									0.0	1.248										
									0.0	1.236										
									REMOULD		1.18	0								
									0.0	1.194										
									0.0	1.187										
									0.0	1.159										
BH02	UDS02	5.50	Reddish brown clayey silt with sand mixture	2.02	1.77		15 S		TRSH-UU		1.77	0				CI*		28	47	25
							14 T		3.0	1.784										
									2.0	1.763										
									1.0	1.763										
BH02	SPT05	7.50	Brownish grey silty sand with clay binder.													SM		81	19 (Silt+Clay)	
BH02	SPT10	15.00	Brownish grey silty sand,													SM	4	81	15 (Silt+Clay)	
BH03	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.02	1.76		14 S		TRSH-UU		1.40	0				CI*		43	44	13
							15 T		3.0	1.414										
									2.0	1.406										
									1.0	1.380										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH03	UDS02	5.50	Reddish brown clayey silt / clayey silt with traces of sand mixture.	2.06	1.78	2.64	15 S 16 T		UNCONFD	1.69	0		44	17		SC		51	40	9
									0.0	1.707										
									0.0	1.688										
									0.0	1.675										
									REMOULD	1.57	0									
									0.0	1.585										
									0.0	1.563										
									0.0	1.562										
BH03	SPT05	7.50	Reddish brown clayey silt with sand and kankars.										45	17		CI				
BH03	SPT06	9.05	Brownish grey silty sand with clay binder.													SM	4	80	16 (Silt+Clay)	
BH03	SPT09	13.50	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH04	UDS02	6.00	Reddish brown, clayey silt with sand mixture & decomposed rock fragments	2.11	1.80		18 S 17 T		UNCONFD	1.06	0		40	19	12	CI		46	41	13
									0.0	1.077										
									0.0	1.054										
									0.0	1.049										
									REMOULD	0.86	0									
									0.0	0.871										
									0.0	0.861										
									0.0	0.848										
BH04	UDS03	9.00	Reddish brown, clayey silt with sand.	2.08	1.78		16 S 17 T		TRSH-UU	1.75	0					SM		52	40	8
									3.0	1.766										
									2.0	1.751										
									1.0	1.733										
BH04	SPT07	11.00	Reddish brown, clayey silt with traces of sand mixture.										46	17		CI				
BH04	SPT08	12.40	Yellowish grey silty sand with traces of gravels pieces.													SM-SP	6	85	9 (Silt+Clay)	
BH04	SPT12	18.50	Brownish grey silty sand with clay binder													SM		86	14 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH04	SPT13	20.00	Brownish grey clayey silt with traces of sand mixture.													CI*		14	70	16
BH05	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.	2.06	1.73		18 S		TRSH-UU		1.50	0				CI*		44	40	16
							19 T		3.0	1.511										
									2.0	1.507										
									1.0	1.482										
BH05	UDS03	8.50	Reddish brown, clayey silt with sand mixture.	1.96	1.71		15 T		UNCONFD		1.65	0	45	22		CI		36	43	21
									0.0	1.664										
									0.0	1.647										
									0.0	1.639										
									REMOULD		1.32	0								
									0.0	1.330										
									0.0	1.317										
									0.0	1.313										
BH05	SPT08	11.80	Yellowish grey, clayey silt with sand mixture.													SM		51	37	12
BH05	SPT09	13.50	Brownish grey, silty sand.													SP		98	2 (Silt+Clay)	
BH05	SPT11	16.45	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH05	SPT12	18.10	Yellowish grey, clayey silt with sand mixture.													SM		53	40	7
BH05	SPT14	20.80	Yellowish grey clayey silt.										37	16		CI				
BH06	UDS01	3.00	Reddish brown, clayey silt with sand mixture & decomposed rock fragments	2.04	1.85		10 S		UNCONFD		1.53	0	44	20		SC		54	40	5
							10 T		0.0	1.668										
									0.0	1.460										
									0.0	1.460										
									REMOULD		1.24	0								
									0.0	1.373										
									0.0	1.180										
									0.0	1.180										

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH07	SPT08	12.20	Reddish brown, clayey silt with traces of sand mixture.										46	16		CI				
BH07	SPT09	14.00	Reddish brown, silty sand with traces of clay binder.													SM		72	28 (Silt+Clay)	
BH07	SPT13	20.00	Reddish brown silty sand.													SP		97	3 (Silt+Clay)	
BH07	SPT14	21.30	Yellowish grey clayey silt with traces of sand mixture.										43	18		CI				
BH07	SPT17	25.00	Yellowish grey clayey silt with sand mixture & kankars.													CI*		34	50	16
BH08	UDS01	2.50	Reddish brown, clayey silt with sand mixture.	2.01	1.75	2.68	14 S 15 T 16 C	0.549	TRSH-UU 3.0 2.0 1.0	1.311 1.306 1.283	1.30	0	38	17	13	CI		38	40	22
BH08	UDS02	5.50	Reddish brown, clayey silt with sand mixture.	1.98	1.72		17 S 15 T		UNCONFD 0.0 0.0 0.0	1.446 1.439 1.405	1.43	0				CI*				
									REMOULD 0.0 0.0 0.0	1.302 1.287 1.281	1.29	0								
BH08	SPT07	10.50	Reddish brown, clayey silt with sand mixture.													CI*		45	38	18
BH08	SPT08	12.05	Brownish grey silty sand with traces of gravel pieces.													SP	4	95	1 (Silt+Clay)	
BH08	SPT11	16.50	Brownish grey silty sand. Obs. kankar													SM-SP	6	87	7 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH08	SPT14	21.05	Brownish grey silty sand. Obs. kankar													SP	6	92	2 (Silt+Clay)	
BH08	SPT15	22.50	Yellowish grey, clayey silt with sand mixture & mica.													CI*		35	51	14
BH08	SPT17	25.00	Yellowish brown clayey silt with traces of sand mixtures.										35	15		CI				
BH09	UDS01	2.50	Reddish brown, clayey silt with sand & decomposed rock fragments.	2.00	1.74		14 S 15T		UNCONFD		1.37	0	48	22	14	CI				
									0.0	1.403										
									0.0	1.403										
									0.0	1.304										
									REMOULD		1.11	0								
									0.0	1.148										
									0.0	1.148										
									0.0	1.034										
BH09	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.	2.08	1.82		14 S 14 T		TRSH-UU		1.17	8				SM		50	36	14
									3.0	1.816										
									2.0	1.703										
									1.0	1.491										
BH09	SPT07	10.50	Reddish brown, clayey silt with sand mixture.													CI*		48	34	18
BH09	SPT08	12.05	Brownish grey silty sand,													SM-SP		92	8 (Silt+Clay)	
BH09	SPT12	18.05	Brownish grey silty sand													SM-SP		90	10 (Silt+Clay)	
BH09	SPT14	21.05	Brownish grey silty sand.													SM-SP		93	7 (Silt+Clay)	
BH09	SPT15	22.50	Yellowish grey clayey silt.										45	17		CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH11	UDS02	5.50	Reddish brown silty clay with traces of sand mixture.						UNCONFD	1.31	0		48	19		CI				
									0.0	1.325										
									0.0	1.306										
									0.0	1.299										
									REMOULD	1.06	0									
									0.0	1.077										
									0.0	1.064										
									0.0	1.039										
BH11	UDS03	8.50	Reddish brown silty clay with traces of sand mixture.	2.06	1.81		14 T		UNCONFD	1.25	0					CI*				
									0.0	1.264										
									0.0	1.251										
									0.0	1.235										
									REMOULD	1.00	0									
									0.0	1.099										
									0.0	1.067										
									0.0	0.834										
BH11	UDS04	11.50	Reddish brown silty clay with traces of sand mixture.						TRSH-UU	1.57	0		43	21	12	CI		37	43	20
									3.0	1.581										
									2.0	1.566										
									1.0	1.563										
BH11	SPT09	13.50	Reddish brown silty sand with traces of clay binders.													SM		71	29 (Silt+Clay)	
BH11	SPT12	18.05	Reddish brown silty sand.													SP		98	2 (Silt+Clay)	
BH11	SPT13	19.50	Yellowish grey clayey silt with traces of sand mixture.													CI*		23	56	21
BH11	SPT16	23.80	Yellowish grey clayey silt with sand mixture.										31	13		CL				
BH12	SPT01	1.50	Reddish brown clayey silt with sand & kankars.										35	13		CI				
BH12	UDS02	5.50	Reddish brown silty clay / clayey silt.	2.08	1.82		15 S		UNCONFD	0.88	0					CI*				
							14 T		0.0	0.922										
									0.0	0.871										
									0.0	0.871										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	Classifica	%	%	%	%
									REMOULD		0.60	0								
									0.0	0.611										
									0.0	0.601										
									0.0	0.588										
BH12	UDS03	8.50	Reddish brown clayey silt with sand mixture.	2.11	1.83	2.62	16 S		TRSH-UU		0.71	7				CI*		45	41	14
							15 T		3.0	1.219										
									2.0	1.080										
									1.0	0.941										
BH12	SPT07	10.50	Reddish brown silty sand with traces of clay binders.													SM		75	25 (Silt+Clay)	
BH12	SPT13	19.50	Reddish brown silty sand with clay binder.													SM		81	19 (Silt+Clay)	
BH12	SPT14	20.80	Yellowish grey, clayey silty sand.													SM		63	31	6
BH13	UDS01	2.50	Reddish brown clayey silt with sand mixture & rock pieces.	2.01	1.69		18 S		TRSH-UU		1.36	0	38	18	14	CI				
							19 T		3.0	1.371										
									2.0	1.366										
									1.0	1.343										
BH13	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.	2.09	1.76	2.66	19 S		UNCONFD		1.40	0				CI*		47	37	16
							19 T		0.0	1.411										
									0.0	1.406										
									0.0	1.383										
									REMOULD		0.93	0								
									0.0	0.940										
									0.0	0.929										
									0.0	0.921										
BH13	SPT05	7.50	Reddish brown silty sand with clay binders.													SM		63	37 (Silt+Clay)	
BH13	SPT09	13.50	Reddish brown silty sand.													SM-SP		93	7 (Silt+Clay)	
BH13	SPT13	19.50	Brownish grey, silty sand with clay binder.													SM		81	19 (Silt+Clay)	

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classification	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH13	SPT14	20.80	Reddish brown silty clay with sand & traces of kankars			2.67										SM	12	39	24	25
BH14	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.06	1.79	2.68	14 S 15 T		UNCONFD	1.13	0		48	19	15	CI		36	45	19
									0.0	1.128										
									0.0	1.128										
									0.0	1.127										
									REMOULD	1.03	0									
									0.0	1.057										
									0.0	1.018										
									0.0	1.018										
BH14	UDS02	5.50	Reddish brown, clayey silt with sand.	2.10	1.81		13 S 16 T		UNCONFD	1.03	0					SM		52	35	13
									0.0	1.045										
									0.0	1.036										
									0.0	1.009										
									REMOULD	0.96	0									
									0.0	0.977										
									0.0	0.956										
									0.0	0.947										
BH14	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.	2.12	1.81		16 S 17 T		TRSH-UU	1.23	0		46	17		CI				
									3.0	1.242										
									2.0	1.236										
									1.0	1.212										
BH14	SPT08	12.00	Reddish brown clayey silt with sand mixture.													CI*		38	44	18
BH14	SPT13	19.00	Reddish brown clayey silt with traces of sand mixtures.										44	17		CI				
BH14	SPT14	21.10	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH14	SPT17	25.00	Brownish grey silty sand with clay binder.													SM		85	15 (Silt+Clay)	
BH15	UDS01	2.50	Brownish grey clayey silt with traces of sand mixtures and kankars			2.72										CI*		45	38	17

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH16	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.	2.02	1.71		17 S		TRSH-UU	1.78	0					CI*				
							18 T		3.0	1.790										
									2.0	1.784										
									1.0	1.766										
BH16	SPT07	10.50	Reddish brown silty sand with traces of gravel pieces & mica.													SP		98	2 (Silt+Clay)	
BH16	SPT13	19.50	Reddish brown, silty sand.													SP		98	2 (Silt+Clay)	
BH16	SPT14	21.00	Reddish brown, silty clay with sand.													CI*		26	43	31
BH16	SPT15	22.20	Brownish grey clayey silt.										39	17		CI				
BH17	UDS01	3.15	Reddish brown, silty clay / clayey silt with traces of sand mixture.	2.00	1.78		13 T		UNCONFD	1.39	0					CI*				
									0.0	1.401										
									0.0	1.387										
									0.0	1.382										
									REMOULD	1.18	0									
									0.0	1.192										
									0.0	1.184										
									0.0	1.164										
BH17	SPT04	6.60	Reddish brown clayey silt with sand mixture										44	23	18	CI				
BH17	UDS03	9.10	Reddish brown clayey silt with sand mixture & rock pieces.	2.06	1.75		17 S		TRSH-UU	1.52	0		42	20		SC		51	39	10
							18 T		3.0	1.531										
									2.0	1.519										
									1.0	1.510										
BH17	SPT07	11.00	Reddish brown silty sand with traces of clay binders.													SM		77	23 (Silt+Clay)	
BH17	SPT12	18.60	Reddish brown silty sand													SM-SP		94	6 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH17	SPT13	20.00	Brownish grey clayey silt with sand mixture & kankars.													CI*		44	40	16
BH17	SPT17	25.00	Yellowish grey, clayey silty sand with kankar.													SM		61	32	7
BH18	UDS01	2.50	Reddish brown, clayey silt with traces of sand mixture.	1.98	1.81		10 S 9 T		UNCONFD		1.75	0				CI*				
									0.0	1.752										
									0.0	1.752										
									0.0	1.752										
									REMOULD		1.40	0								
									0.0	1.399										
									0.0	1.399										
									0.0	1.399										
BH18	UDS02	5.50	Brownish grey, clayey silt with sand mixture & kankar.			2.68										CI*		44	38	18
BH18	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.										42	19	13	CI				
BH18	SPT07	10.30	Reddish brown clayey silt with sand mixture.															49	34	17
																CI*				
BH18	SPT08	12.10	Brownish grey silty sand with traces of mica.													SM-SP		93	7 (Silt+Clay)	
BH18	SPT13	19.50	Reddish brown, silty sand with clay binder.													SM		84	16 (Silt+Clay)	
BH18	UDS07	20.50	Yellowish grey silty clay / clayey silt with traces of sand mixture, steel grey	2.31	2.07		11 S 12 T		TRSH-UU		1.10	8	45	18		CI		34	47	19
									3.0	1.750										
									2.0	1.589										
									1.0	1.427										
BH19	UDS01	2.80	Reddish brown, clayey silt with sand mixture.	2.00	1.70		12 S 18 T		UNCONFD		1.65	0				CI*				
									0.0	1.664										
									0.0	1.647										
									0.0	1.639										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
									REMOULD		1.33	0								
									0.0	1.340										
									0.0	1.327										
									0.0	1.323										
BH19	UDS02	5.50	Reddish brown, clayey silt / silty clay with traces of sand mixture.	2.04	1.82		12 S	0.479	TRSH-UU		1.59	0				CI*		46	37	17
							12 T		3.0	1.606										
							13 C		2.0	1.584										
									1.0	1.580										
BH19	UDS03	8.50	Reddish brown clayey silt with sand mixture.			2.69										CI*		42	40	18
BH19	SPT07	10.50	Reddish brown silty sand.													SP		99	1 (Silt+Clay)	
BH19	SPT13	19.50	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH19	SPT14	21.30	Brownish grey clayey silt with sand mixture.										37	16		CI				
BH20	UDS01	2.50	Reddish brown clayey silt with sand mixture & kankars.			2.60	14 C	0.413								CI*		37	44	19
BH20	UDS02	5.50	Reddish brown clayey silt / silty clay with traces of sand mixture.	2.05	1.81		13 S		UNCONFD		1.36	0				CI*				
							13 T		0.0	1.374										
									0.0	1.347										
									0.0	1.347										
									REMOULD		1.22	0								
									0.0	1.226										
									0.0	1.217										
									0.0	1.217										
BH20	UDS03	8.50	Reddish brown clayey silt with sand mixture & kankars										42	19	15	CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH20	UDS04	11.50	Reddish brown clayey silt with sand mixture.	2.07	1.80		13 S		TRSH-UU		0.56	7				SM		60	30	10
							15 T		3.0	1.129										
									2.0	0.968										
									1.0	0.806										
BH20	SPT08	11.95	Reddish brown silty sand.													SM-SP		91	9 (Silt+Clay)	
BH20	SPT11	16.50	Reddish brown silty sand.													SP		96	4 (Silt+Clay)	
BH20	SPT14	20.60	Reddish brown silty sand.													SM-SP		94	6 (Silt+Clay)	
BH20	SPT15	22.00	Yellowish grey clayey silt with sand.													CI*		49	35	16
BH21	UDS01	2.50	Reddish brown, clayey silt with sand mixture.													CI*		45	36	19
BH21	UDS02	5.50	Reddish brown, clayey silt with sand mixture.	2.02	1.68		19 S		UNCONFD		1.12	0				CI*				
							20 T		0.0	1.127										
									0.0	1.119										
									0.0	1.114										
									REMOULD		0.96	0								
									0.0	0.970										
									0.0	0.961										
									0.0	0.949										
BH21	UDS03	8.50	Reddish brown, clayey silt with sand mixture.	2.06	1.76		16 S		TRSH-UU		1.89	0	44	20	13	CI		48	38	14
							17 T		3.0	1.902										
									2.0	1.885										
									1.0	1.883										
BH21	SPT07	10.30	Reddish brown, clayey silt with sand mixture.													CI*		46	54 (Silt+Clay)	
BH21	SPT11	16.50	Reddish brown, silty sand with traces of clay binder													SM-SP		88	12 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH21	SPT15	22.20	Reddish brown, silty sand.													SP		99	1 (Silt+Clay)	
BH21	SPT16	23.80	Yellowish grey clayey silt with traces of sand mixture.													CI*		19	61	20
BH22	UDS01	2.50	Reddish brown silty clay with traces of sand mixture.	2.01	1.78	2.75	12 S	0.549	UNCONFD		1.21	0	48	22		CI		46	39	15
							13 T		0.0	1.218										
							12 C		0.0	1.206										
									0.0	1.206										
									REMOULD		1.04	0								
									0.0	1.054										
									0.0	1.042										
									0.0	1.024										
BH22	UDS02	5.50	Reddish brown silty clay with traces of sand mixture.	2.03	1.77		15 T		TRSH-UU		1.45	0	46	21		CI				
									3.0	1.464										
									2.0	1.447										
									1.0	1.439										
BH22	SPT05	7.50	Yellowish grey silty sand with traces of kankars.													SP		97	3 (Silt+Clay)	
BH22	SPT08	12.05	Yellowish grey silty sand with traces of gravels pieces.													SP		98	2 (Silt+Clay)	
BH22	SPT11	16.50	Reddish brown, silty sand.													SP		99	1 (Silt+Clay)	
BH22	SPT12	18.05	Brownish grey clayey silt with traces of sand mixture.													CI*		23	51	26
BH23	UDS01	2.50	Reddish brown silty clay with / clayey silt with traces of sand mixture.	2.04	1.81		12 S		TRSH-UU		1.25	0	44	21		CI		44	41	15
							13 T		3.0	1.264										
									2.0	1.255										
									1.0	1.231										
BH23	UDS02	5.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.00	1.69		19 S		UNCONFD		1.45	0			14	CI*				
							18 T		0.0	1.467										
									0.0	1.445										
									0.0	1.438										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD		1.28	0								
									0.0	1.291										
									0.0	1.283										
									0.0	1.266										
BH23	SPT05	7.50	Reddish brown, silty sand traces of clay binder.													SM		65	35 (Silt+Clay)	
BH23	SPT09	13.50	Yellowish grey silty sand with traces of mica.													SM-SP		95	5 (Silt+Clay)	
BH23	SPT12	18.05	Reddish brown silty sand with traces of mica.													SM-SP		94	6 (Silt+Clay)	
BH23	SPT13	19.20	Yellowish grey clayey silt.										37	17		CI				
BH24	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.02	1.73		17 T		UNCONFD		1.47	0				CI*				
									0.0	1.484										
									0.0	1.465										
									0.0	1.461										
									REMOULD		1.28	0								
									0.0	1.299										
									0.0	1.273										
									0.0	1.268										
BH24	SPT04	5.80	Reddish brown clayey silt with sand mixture.													CI*		49	38	13
BH24	UDS03	8.50	Reddish brown clayey sandy silt	2.07	1.74		16 S		TRSH-UU		1.71	0	43	19		CI				
							19 T		3.0	1.724										
									2.0	1.708										
									1.0	1.698										
BH24	SPT06	8.95	Reddish brown clayey silty sand.													SM		69	27	4
BH24	SPT07	10.50	Reddish brown, silty sand.													SP		98	2 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH24	SPT10	15.00	Reddish brown, silty sand													SM-SP		95	5 (Silt+Clay)	
BH25	UDS01	2.50	Reddish brown silty clay with traces of sand mixture.	2.02	1.79		11 S 13 T		UNCONFD		1.06	0				CI*		34	44	22
									0.0	1.068										
									0.0	1.057										
									0.0	1.055										
									REMOULD		0.94	0								
									0.0	0.950										
									0.0	0.943										
									0.0	0.927										
BH25	UDS02	6.05	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.05	1.83		11 S 12 T		TRSH-UU		1.34	0				CI*				
									3.0	1.355										
									2.0	1.337										
									1.0	1.328										
BH25	UDS03	9.10	Reddish brown clayey silt with sand mixture.			2.63		0.426								CI*		47	37	16
BH25	SPT07	11.00	Reddish brown clayey silt with traces of sand mixture.										23	17		CL-ML				
BH25	SPT08	12.60	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH25	SPT13	20.00	Brownish grey, silty sand.													SP		98	2 (Silt+Clay)	
BH25	SPT14	21.30	Yellowish grey, clayey silt with traces of sand mixture.													CI*		17	61	22
BH26	UDS01	3.00	Reddish brown, silty clay / clayey silt with sand mixture.	2.07	1.83		11 S 13 T		UNCONFD		1.38	0				CI*				
									0.0	1.392										
									0.0	1.375										
									0.0	1.373										
									REMOULD		1.22	0								
									0.0	1.234										
									0.0	1.226										
									0.0	1.200										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH26	UDS02	6.00	Reddish brown clayey silt / silty clay with traces of sand mixture.	2.04	1.71		19 S		TRSH-UU	1.80	0					CI*		40	42	18
									3.0	1.817										
									2.0	1.805										
									1.0	1.778										
BH26	UDS03	9.10	Reddish brown clayey silt.										43	20	13	CI				
BH26	SPT08	12.50	Brownish grey, clayey silty sand.													SM		74	22	4
BH26	SPT09	14.00	Reddish brown silty sand with traces of mica.													SM-SP		94	6 (Silt+Clay)	
BH26	SPT12	18.70	Reddish brown silty sand.													SM-SP		93	7 (Silt+Clay)	
BH26	SPT13	20.00	Yellowish brown clayey silt.										37	16		CI				
BH26	SPT17	25.00	Yellowish grey clayey silt with sand mixture.													CI*		47	41	12
BH27	UDS01	2.50	Reddish brown clayey silt with sand mixture.													CI*		46	38	16
BH27	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.	2.08	1.76		17 S		TRSH-UU	1.36	0		38	18	14	CI				
							18 T		3.0	1.467										
									2.0	1.304										
									1.0	1.296										
BH27	UDS03	8.50	Reddish brown, clayey silt with laminates sand.	2.10	1.86	2.67	13 S	0.405	UNCONFD	1.29	0					CI*				
							13 T		0.0	1.303										
							13 C		0.0	1.287										
									0.0	1.280										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD	1.15	0									
									0.0	1.161										
									0.0	1.148										
									0.0	1.141										
BH27	SPT08	12.05	Brownish grey, clayey silt with sand													SM		51	41	8
BH27	SPT09	13.50	Brownish grey, silty sand.													SP		96	4 (Silt+Clay)	
BH27	SPT14	21.50	Brownish grey, silty sand.													SP		96	4 (Silt+Clay)	
BH27	SPT15	22.50	Yellowish grey, clayey silt with sand & traces of kankar.													SM		57	37	6
BH28	UDS01	2.50	Reddish brown, clayey silt with traces of sand.	2.03	1.73		14 S 17 T		UNCONFD	1.21	0					CI*				
									0.0	1.221										
									0.0	1.214										
									0.0	1.195										
									REMOULD	1.06	0									
									0.0	1.071										
									0.0	1.066										
									0.0	1.043										
BH28	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.										38	18		CI		48	41	11
BH28	UDS03	8.50	Reddish brown, clayey silt with sand & decomposed rock fragments.	2.02	1.70		18 S 19 T		TRSH-UU	1.67	0		44	19		CI				
									3.0	1.680										
									2.0	1.673										
									1.0	1.657										
BH28	SPT07	10.50	Reddish brown clayey silt with sand mixture.													CI*		39	47	14
BH28	SPT08	12.05	Reddish brown silty sand.													SP		97	3 (Silt+Clay)	

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classification	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH28	SPT11	16.50	Reddish brown silty sand.													SP		96	4 (Silt+Clay)	
BH28	SPT14	21.05	Reddish brown, silty sand.													SP		96	4 (Silt+Clay)	
BH28	SPT15	22.50	Yellowish grey clayey silt with sand mixture.													SM		50	36	14
BH29	UDS01	2.50	Reddish brown clayey silt.										41	20		CI		44	43	13
BH29	UDS02	5.50	Reddish brown, clayey silt / silty clay with traces of sand mixture.	2.01	1.66		23 S 21 T		UNCONFD		1.30	0				CI*				
									0.0	1.312										
									0.0	1.312										
									0.0	1.288										
									REMOULD		1.19	0								
									0.0	1.192										
									0.0	1.192										
									0.0	1.186										
BH29	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.										44	18	14	CI				
BH29	UDS04	11.50	Reddish brown clayey silt with traces of sand mixture.	2.03	1.77		14 S 15 T		TRSH-UU		1.35	0				CI*		35	47	18
									3.0	1.367										
									2.0	1.349										
									1.0	1.334										
BH29	SPT09	13.50	Brownish grey, silty sand.													SP		96	4 (Silt+Clay)	
BH29	SPT14	21.05	Reddish brown silty sand.													SM-SP		90	10 (Silt+Clay)	
BH29	SPT15	22.50	Yellowish grey, clayey silt with sand mixture.													SM		50	45	5

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH30	UDS01	2.50	Reddish brown, silty clay / clayey silt with sand mixture & rock fragments.	2.08	1.82		12 S		TRSH-UU	1.78	0		42	20	13	SC		52	41	7
							14 T		3.0	1.792										
									2.0	1.776										
									1.0	1.772										
BH30	UDS02	5.50	Reddish brown, clayey silt with sand.						UNCONFD	1.81	0		47	21		CI				
									0.0	1.828										
									0.0	1.805										
									0.0	1.797										
									REMOULD	1.66	0									
									0.0	1.674										
									0.0	1.665										
									0.0	1.641										
BH30	SPT05	7.50	Brownish grey silty sand with clay binder.													SM		83	17 (Silt+Clay)	
BH30	SPT08	12.05	Brownish grey silty sand,													SP		96	4 (Silt+Clay)	
BH30	SPT11	16.50	Brownish grey silty sand.													SM-SP		93	7 (Silt+Clay)	
BH30	SPT12	17.80	Brownish grey, clayey silty sand with traces of decomposed rock & mica.													SM		61	32	17
BH31	UDS01	2.50	Reddish brown clayey silt with sand mixture	2.04	1.82	2.72	11 S	0.498	TRSH-UU	1.17	0		48	22		SC		50	33	17
							12 T		3.0	1.188										
							11 C		2.0	1.165										
									1.0	1.157										
BH31	UDS02	5.50	Reddish brown clayey silt with sand mixture	2.10	1.83		13 S		UNCONFD	1.63	0					CI*				
							15 T		0.0	1.641										
									0.0	1.629										
									0.0	1.620										
									REMOULD	1.14	0									
									0.0	1.151										
									0.0	1.144										
									0.0	1.125										
BH31	SPT05	7.50	Reddish brown clayey silt with traces of sand mixture.										44	20		CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH31	SPT06	9.05	Reddish brown, silty sand with traces of clay binder, gravels & rock pieces.													SM	11	72	17 (Silt+Clay)	
BH31	SPT09	13.50	Brownish grey, silty sand with traces of clay binder.													SM-SP		90	10 (Silt+Clay)	
BH32	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.02	1.76		14 S		UNCONFD		1.32	0	45	17		CI				
							15 T		0.0	1.334										
									0.0	1.316										
									0.0	1.310										
									REMOULD		1.23	0								
									0.0	1.244										
									0.0	1.227										
									0.0	1.219										
BH32	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.	2.00	1.74		15 S		TRSH-UU		1.44	0				CI*		39	33	28
							17 T		3.0	1.458										
									2.0	1.432										
									1.0	1.430										
BH32	SPT05	7.50	Reddish brown clayey silt.										43	18		CI				
BH32	SPT06	9.05	Reddish brown, silty sand with traces of clay binder													SM		79	21 (Silt+Clay)	
BH32	SPT10	15.00	Reddish brown, silty sand with traces of clay binder.													SM-SP		90	10 (Silt+Clay)	
BH33	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.06	1.81		12 S		UNCONFD		1.49	0	48	20	14	CI		41	41	18
							14 T		0.0	1.511										
									0.0	1.486										
									0.0	1.473										
									REMOULD		1.28	0								
									0.0	1.299										
									0.0	1.276										
									0.0	1.265										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH33	UDS02	5.50	Reddish brown clayey silt with sand mixture.	2.03	1.80	2.67	12 S	0.376	TRSH-UU		1.41	0				SM		50	36	14
							13 T		3.0	1.422										
							12 C		2.0	1.407										
									1.0	1.401										
BH33	SPT05	7.50	Brownish grey clayey silty sand.													SM		64	36 (Silt+Clay)	
BH33	SPT08	12.05	Brownish grey silty sand,													SM-SP		90	10 (Silt+Clay)	
BH33	SPT11	16.50	Brownish grey silty sand,													SP		97	3 (Silt+Clay)	
BH33	SPT12	18.05	Yellowish grey, clayey silt with traces of sand mixture & kankar.													SM		55	37	8
BH33	SPT14	20.00	Yellowish grey clayey silt with traces of sand mixture.										34	14		CL				
BH34	UDS01	2.50	Reddish brown, clayey silt with sand mixture.	2.05	1.83	2.66	12 S		TRSH-UU		1.40	0				SM		58	30	12
							12 T		3.0	1.411										
									2.0	1.402										
									1.0	1.387										
BH34	UDS02	5.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.02	1.74		14 S		UNCONFD		1.55	0	47	21	14	CI				
							16 T		0.0	1.560										
									0.0	1.544										
									0.0	1.546										
									REMOULD		1.32	0								
									0.0	1.329										
									0.0	1.316										
									0.0	1.315										
BH34	SPT05	7.50	Yellowish grey, clayey silty sand.													SM		77	20	3
BH34	SPT06	9.05	Brownish grey, silty sand traces of clay binder.													SM		68	32 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH34	SPT11	16.50	Reddish brown silty sand.													SM-SP		93	7 (Silt+Clay)	
BH34	SPT12	18.05	Yellowish grey clayey silt.										39	15		CI				
BH34	SPT16	24.00	Brownish grey, clayey silt with sand mixture.													CI*		46	41	13
BH35	UDS01	2.50	Reddish brown, clayey silt with decomposed rock dust & sand.	2.05	1.81		12 S 13 T		UNCONFD		1.60	0				CI*				
									0.0	1.612										
									0.0	1.605										
									0.0	1.583										
									REMOULD		1.38	0								
									0.0	1.391										
									0.0	1.375										
									0.0	1.374										
BH35	UDS02	5.50	Reddish brown, clayey silt with sand & decomposed rock dust.	2.02	1.74		14 S 16 T		TRSH-UU		1.41	0	48	20		CI				
									3.0	1.424										
									2.0	1.416										
									1.0	1.390										
BH35	SPT05	7.50	Reddish brown silty sand with clay binders.													SM		68	29	3
BH35	SPT06	9.05	Reddish brown, silty sand with gravels & rock pieces.													SM	5	73	22 (Silt+Clay)	
BH35	SPT09	13.50	Reddish brown, silty sand.													SP		97	3 (Silt+Clay)	
BH35	SPT13	19.50	Reddish brown, silty sand.													SM-SP		95	5 (Silt+Clay)	
BH35	SPT14	21.05	Yellowish grey clayey silt with traces of rock pieces.										33	13		CL				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH35	SPT16	24.00	Yellowish grey, silty clay with sand mixture, gravels pieces & rock pieces.													SM	18	49	33 (Silt+Clay)	
BH36	UDS01	2.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.08	1.87		10 S	0.350	UNCONFD		1.41	0				CI*		38	50	12
							11 T		0.0	1.425										
							12 C		0.0	1.408										
									0.0	1.397										
									REMOULD		1.27	0								
									0.0	1.281										
									0.0	1.276										
									0.0	1.253										
BH36	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.										44	17	13	CI				
BH36	UDS03	8.50	Reddish brown clayey sandy silt.	1.97	1.71		14 S		TRSH-UU		1.87	0				CI*				
							15 T		3.0	1.996										
									2.0	1.848										
									1.0	1.766										
BH36	SPT07	10.50	Reddish brown clayey silt with sand mixture.													SM		50	34	16
BH36	SPT08	12.05	Reddish brown silty sand.													SM-SP		94	6 (Silt+Clay)	
BH36	SPT12	18.05	Reddish brown silty sand.													SP		97	3 (Silt+Clay)	
BH36	SPT13	19.50	Brownish grey clayey silt										39	17		CI				
BH36	SPT17	24.50	Yellowish grey, clayey silt with sand mixture													CI*		46	47	7
BH37	UDS01	2.50	Reddish brown, silty clay with traces of sand mixture.	2.07	1.88		9 S		UNCONFD		1.23	0	47	21		CI				
							10 T		0.0	1.244										
									0.0	1.226										
									0.0	1.220										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD	1.06	0									
									0.0	1.077										
									0.0	1.055										
									0.0	1.048										
BH37	UDS02	5.50	Reddish brown clayey silt with sand mixture.			2.65										CI*		47	40	13
BH37	SPT04	5.95	Reddish brown silty sand with traces of clay binders.													SM		67	33 (Silt+Clay)	
BH37	SPT07	10.50	Reddish brown silty sand with clay binder & traces of mica.													SM		82	18 (Silt+Clay)	
BH37	SPT12	18.50	Reddish brown silty sand with clay binder													SM-SP		88	12 (Silt+Clay)	
BH37	SPT13	19.50	Yellowish grey clayey silty sand.													SM		61	26	13
BH37	SPT15	22.50	Reddish brown, clayey silt with traces of sand & kankar.										34	13		CL				
BH38	UDS01	2.50	Reddish brown, silty clay with traces of sand mixture.	2.06	1.84	2.67	12 S		UNCONFD	1.31	0					CI*		43	40	17
							12 T		0.0	1.323										
									0.0	1.318										
									0.0	1.289										
									REMOULD	1.24	0									
									0.0	1.254										
									0.0	1.234										
									0.0	1.232										
BH38	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.						TRSH-UU	1.36	0					CI*				
									3.0	1.377										
									2.0	1.354										
									1.0	1.349										
BH38	UDS03	8.50	Reddish brown silty sand.	1.75	1.67		5 S		DRSH-CU	0.09	32					CI*				
							5DR		0.5	0.402										
									1.0	0.715										
									2.0	1.340										

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH38	SPT10	15.05	Reddish brown, silty sand													SP		98	2 (Silt+Clay)	
BH38	SPT13	19.50	Reddish brown silty sand.													SM-SP		93	7 (Silt+Clay)	
BH38	SPT14	21.05	Brownish grey, silty sand with gravel pieces.													SM	9	71	20 (Silt+Clay)	
BH38	SPT15	22.50	Yellowish grey clayey silt.										36	16		CI				
BH39	UDS01	2.50	Reddish brown clayey silt / silty clay with sand mixture.	1.99	1.73		14 S 15 T		TRSH-UU		1.83	0				SM		50	28	22
									3.0	1.855										
									2.0	1.842										
									1.0	1.793										
BH39	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.										43	19		CI				
BH39	UDS03	8.50	Reddish brown clayey silt / silty clay with traces of sand mixture.	2.03	1.85		9 S 10 T		UNCONFD		2.42	0				SM		50	37	13
									0.0	3.117										
									0.0	2.068										
									0.0	2.068										
									REMOULD		1.93	0								
									0.0	2.505										
									0.0	1.646										
									0.0	1.646										
BH39	SPT07	10.50	Brownish grey, silty sand.													SM-SP		93	7 (Silt+Clay)	
BH39	SPT11	16.50	Brownish grey, silty sand.													SM-SP		94	6 (Silt+Clay)	
BH39	SPT14	21.00	Brownish grey, silty sand with clay binder.													SM-SP		89	11 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	Classifica	%	%	%	%
BH40	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture & rock dust			2.67							47	19		CI		40	40	20
BH40	UDS02	5.50	Reddish brown, clayey silt with sand.	2.10	1.84		13 S		TRSH-UU	1.38	0					CI*				
							14 T		3.0	1.399										
									2.0	1.377										
									1.0	1.364										
BH40	UDS03	8.50	Reddish brown, clayey silt with traces of sand mixture.	2.06	1.75		17 S		UNCONFD	1.76	0					CI*				
							18 T		0.0	1.776										
									0.0	1.763										
									0.0	1.741										
									REMOULD	1.62	0									
									0.0	1.625										
									0.0	1.619										
									0.0	1.616										
BH40	SPT06	8.95	Reddish brown, clayey silt with traces of sand mixture.													CI*		10	63	26
BH40	SPT07	10.50	Brownish grey, silty sand.													SP		98	2 (Silt+Clay)	
BH40	SPT10	15.00	Brownish grey, silty sand with clay binder.													SM-SP		88	12 (Silt+Clay)	
BH40	SPT13	19.50	Brownish grey, silty sand.													SM-SP		90	10 (Silt+Clay)	
BH41	UDS01	3.00	Reddish brown, clayey silt with sand & decomposed rock fragments.	2.06	1.81		12 S		UNCONFD	1.37	0					CI*		49	43	8
							14 T		0.0	1.371										
									0.0	1.373										
									0.0	1.366										
									REMOULD	1.10	0									
									0.0	1.123										
									0.0	1.096										
									0.0	1.081										
BH41	SPT04	6.20	Reddish brown, clayey silt with sand mixture													SM		50	36	14

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH41	SPT06	9.30	Reddish brown clayey silt.										38	18		CI				
BH41	SPT07	11.00	Brownish grey silty sand with clay binder.													SM-SP	3	85	12 (Silt+Clay)	
BH41	SPT10	15.60	Brownish grey, silty sand with traces of gravel pieces.													SP	8	90	2 (Silt+Clay)	
BH41	SPT13	20.00	Brownish grey silty sand													SP		97	3 (Silt+Clay)	
BH41	SPT14	21.30	Yellowish grey clayey silt with traces of sand mixture.										34	14		CL				
BH42	UDS01	1.50	Reddish brown, clayey silt with sand & decomposed rock fragments.	1.99	1.75	2.64	16 S		TRSH-UU	1.37	0					CI		55	34	11
							14 T		3.0	1.384										
									2.0	1.369										
									1.0	1.357										
BH42	SPT02	3.50	Reddish brown clayey silt with traces of sand mixtures.										42	17		CI				
BH42	SPT03	5.60	Brownish grey silty sand													SP		98	2 (Silt+Clay)	
BH42	SPT06	10.50	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH42	SPT09	15.60	Brownish grey silty sand.													SP		98	2 (Silt+Clay)	
BH42	SPT10	16.80	Brownish grey clayey silt with sand mixtures.													SM		56	39	5

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH43	SPT01	1.50	Reddish brown clayey silt with sand and kankars.										39	16		CI				
BH43	UDS01	2.65	Reddish brown, clayey silty sand	1.73	1.59		9 S		DRSH-CU		0.18	30				SM		63	37 (Silt+Clay)	
							9DR		0.5	0.469										
									1.0	0.757										
									2.0	1.335										
BH43	SPT07	10.50	Brownish grey silty sand													SP		99	1 (Silt+Clay)	
BH43	SPT11	16.50	Brownish grey silty sand with clay binder.													SM	3	72	25 (Silt+Clay)	
BH43	SPT12	18.00	Brownish grey clayey silty sand.													SM		64	29	7
BH44	UDS01	2.50	Reddish brown, clayey silt with sand & decomposed rock dust.	2.07	1.80		16 S		TRSH-UU		1.52	0	44	18		CI		23	71	6
							15 T		3.0	1.535										
									2.0	1.516										
									1.0	1.509										
BH44	UDS02	5.50	Reddish brown clayey silt with sand mixture.			2.73										CI*		39	44	17
BH44	UDS03	8.50	Reddish brown clayey silt with sand mixture.										45	19	14	CI				
BH44	SPT07	10.50	Brownish grey, silty sand with gravel pieces.													SP	7	91	2 (Silt+Clay)	
BH44	SPT10	15.00	Brownish grey, silty sand with gravel pieces.													SP	8	91	1 (Silt+Clay)	
BH44	SPT13	19.50	Brownish grey, silty sand													SP		99	1 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH45	UDS01	2.50	Reddish brown, clayey silt with traces of sand mixture.	2.02	1.79		12 S 13 T		UNCONFD		1.22	0				CI*		47	39	14
									0.0	1.232										
									0.0	1.222										
									0.0	1.206										
									REMOULD		0.97	0								
									0.0	0.981										
									0.0	0.973										
									0.0	0.956										
BH45	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.						TRSH-UU		1.78	0	35	18		SC		50	41	9
									3.0	1.790										
									2.0	1.778										
									1.0	1.772										
BH45	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.	2.05	1.80		10 S 14 T		TRSH-UU		1.85	0				CI*				
									3.0	1.866										
									2.0	1.845										
									1.0	1.839										
BH45	SPT09	13.50	Reddish brown silty sand.													SM-SP		94	6 (Silt+Clay)	
BH45	SPT14	21.00	Reddish brown silty sand.													SP		98	2 (Silt+Clay)	
BH46	UDS01	2.50	Reddish brown clayey silt with sand mixture.			2.70										CI*		47	39	14
BH46	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.	2.07	1.83		12 S 13 T		UNCONFD		1.40	0				CI*				
									0.0	1.412										
									0.0	1.403										
									0.0	1.385										
									REMOULD		1.14	0								
									0.0	1.156										
									0.0	1.144										
									0.0	1.120										
BH46	UDS03	8.50	Reddish brown, clayey silt with traces of sand mixture & decomposed rock	2.07	1.78		15 S 16 T		TRSH-UU		1.55	0	43	21	15	SC		71	22	7
									3.0	1.560										
									2.0	1.553										
									1.0	1.537										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH46	SPT07	10.50	Brownish grey, silty sand with clay binder													SM-SP		88	12 (Silt+Clay)	
BH46	SPT10	15.00	Reddish brown silty sand.													SP		97	3 (Silt+Clay)	
BH46	SPT14	21.00	Reddish brown silty sand.													SM-SP		94	6 (Silt+Clay)	
BH47	UDS01	2.50	Reddish brown, silty clay / clayey silt with traces of sand mixture.	2.09	1.88		10 S 11 T		UNCONFD 0.0	1.242	1.23	0				CI*		44	42	14
									0.0	1.236										
									0.0	1.212										
									REMOULD	0.87	0									
									0.0	0.884										
									0.0	0.875										
									0.0	0.851										
BH47	UDS02	5.50	Reddish brown, silty clay / clayey silt with traces of sand mixture.										45	20		CI		37	39	25
BH47	SPT05	7.50	Brownish grey, clayey silty sand with gravel pieces.													SM	3	72	25 (Silt+Clay)	
BH47	SPT09	13.50	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH47	SPT13	19.50	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH47	SPT14	20.80	Brownish grey, clayey silty sand with kankar.													SM		73	22	5
BH48	UDS01	2.50	Reddish brown clayey silt.												14	CI*		44	44	12

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH48	UDS02	5.50	Reddish brown silty clay / clayey silt with sand mixture.	2.08	1.87		11 S 11 T		TRSH-UU	1.22	0					CI*				
									3.0	1.234										
									2.0	1.226										
									1.0	1.200										
BH48	UDS03	8.50	Reddish brown clayey sandy silt.	1.87	1.65		14 S 13 T		UNCONFD	0.83	0					CI*				
									0.0	0.840										
									0.0	0.833										
									0.0	0.817										
									REMOULD	0.74	0									
									0.0	0.751										
									0.0	0.739										
									0.0	0.730										
BH48	SPT07	10.50	Brownish grey silty sand													SM-SP		94	6 (Silt+Clay)	
BH48	SPT12	18.05	Brownish grey silty sand													SM-SP		95	5 (Silt+Clay)	
BH48	SPT13	19.50	Yellowish grey silty sand with clay binder													SM		63	29	8
BH48	SPT15	22.50	Yellowish grey silty clay with sand mixture										48	21		CI				
BH49	UDS01	3.00	Reddish brown clayey silt with sand mixture & decomposed rock dust.	2.08	1.75		18 S 19 T		TRSH-UU	1.44	0		39	16	12	SC		50	42	8
									3.0	1.452										
									2.0	1.443										
									1.0	1.425										
BH49	UDS02	6.00	Reddish brown clayey silt with sand mixture.	2.07	1.86		11 S 11 T		UNCONFD	1.62	0					CI*		48	39	13
									0.0	1.634										
									0.0	1.627										
									0.0	1.599										
									REMOULD	1.45	0									
									0.0	1.461										
									0.0	1.457										
									0.0	1.432										
BH49	UDS03	9.00	Reddish brown clayey silt with sand mixture.			2.68		0.427								CI*		44	39	17

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH49	SPT07	11.00	Brownish grey silty sand.													SP	99	1 (Silt+Clay)		
BH49	SPT12	18.60	Brownish grey silty sand with clay binder.													SM-SP	89	11 (Silt+Clay)		
BH49	UDS07	21.00	Yellowish brown clayey silt with sand mixture, steel grey patches & gravels.						TRSH-UU		1.64	8	35	17	14	CI				
									3.0	2.330										
									2.0	2.164										
									1.0	2.025										
BH49	SPT15	23.00	Yellowish brown, clayey silt.										35	17		CI				
BH50	UDS01	3.00	Reddish brown clayey silt with sand mixture.	2.05	1.86		10 S		UNCONFD		1.56	0				SM	51	41	8	
							10 T		0.0	1.577										
									0.0	1.558										
									0.0	1.545										
									REMOULD		1.25	0								
									0.0	1.264										
									0.0	1.250										
									0.0	1.236										
BH50	UDS03	9.00	Reddish brown clayey silt with sand mixture.	2.09	1.88		11 S		TRSH-UU		2.08	0	45	18		CI	40	41	19	
							11 T		3.0	2.099										
									2.0	2.075										
									1.0	2.066										
BH50	SPT07	11.10	Brownish grey silty sand.													SM-SP	92	8 (Silt+Clay)		
BH50	SPT12	18.70	Reddish brown silty sand with kankars.													SP	97	3 (Silt+Clay)		
BH50	SPT13	20.00	Yellowish brown clayey silt with traces of sand mixture.										36	17		CI				
BH50	SPT16	24.50	Yellowish grey clayey silty sand.													SM	71	23	6	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH51	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.05	1.85		10 S		TRSH-UU	1.19	0					CI*		40	42	18
							11 T		3.0	1.202										
									2.0	1.185										
									1.0	1.183										
BH51	UDS02	5.50	Reddish brown clayey sandy silt / clayey silt with sand mixture.			2.69		0.474								SM		51	35	14
BH51	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.										40	19	17	CI				
BH51	SPT07	10.50	Brownish grey silty sand.													SP		96	4 (Silt+Clay)	
BH51	SPT13	19.50	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH51	UDS07	21.00	Yellowish grey clayey silt with sand mixture.	2.06	1.86		11 S		UNCONFD	1.42	0		41	23		CI		48	42	10
							11 T		0.0	1.433										
									0.0	1.425										
									0.0	1.402										
									REMOULD	1.18	0									
									0.0	1.192										
									0.0	1.175										
									0.0	1.173										
BH51	SPT15	23.00	Brownish grey silty sand with traces of kankar.													SM		71	27	2
BH51	SPT16	24.30	Brownish grey silty sand with traces of clay binder & kankar.													SM		63	27	10
BH52	UDS01	3.10	Reddish brown clayey silt with sand mixture.			2.70										CI*		41	42	17
BH52	UDS02	6.05	Reddish brown clayey silt with sand mixture & decomposed rock dust.						UNCONFD	1.57	0					SM		54	31	15
									0.0	1.582										
									0.0	1.570										
									0.0	1.558										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD	1.29	0									
									0.0	1.308										
									0.0	1.293										
									0.0	1.269										
BH52	UDS03	8.90	Reddish brown clayey silt with sand mixture. Obs. kankar	2.04	1.79		12 S		TRSH-UU	1.67	0		38	16		SC		57	37	6
							14 T		3.0	1.686										
									2.0	1.672										
									1.0	1.652										
BH52	SPT07	11.00	Brownish grey silty sand.													SP		96	4 (Silt+Clay)	
BH52	SPT12	18.60	Brownish grey silty sand with traces of gravels.													SP	6	90	4 (Silt+Clay)	
BH52	SPT13	20.00	Brownish grey clayey silt.										42	34		MI				
BH52	SPT14	21.20	Yellowish grey clayey silty sand.													SM		71	21	8
BH52	SPT15	22.80	Whitish grey silty sand with clay binder.													SM		75	25 (Silt+Clay)	
BH53	UDS01	2.50	Reddish brown, clayey silt with sand & decomposed rock dust.	2.04	1.82	2.62	11 S	0.383	TRSH-UU	1.45	0					CI*		42	42	16
							12 T		3.0	1.463										
							13 C		2.0	1.447										
									1.0	1.440										
BH53	UDS02	5.50	Reddish brown clayey silt / silty clay with sand mixture.	2.00	1.74		13 S		UNCONFD	1.55	0					CI*				
							15 T		0.0	1.564										
									0.0	1.558										
									0.0	1.528										
									REMOULD	1.36	0									
									0.0	1.374										
									0.0	1.363										
									0.0	1.343										
BH53	SPT06	8.80	Reddish brown clayey silt.										42	19		CI				

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH53	SPT07	10.50	Brownish grey silty sand													SP		99	1 (Silt+Clay)	
BH53	SPT10	15.00	Brownish grey silty sand.													SM-SP	4	85	11 (Silt+Clay)	
BH54	UDS01	2.50	Reddish brown, clayey silt with traces of sand & decomposed rock fragments	2.02	1.84		13 S		TRSH-UU		1.24	0				CI*				
							10 T		3.0	1.255										
									2.0	1.236										
									1.0	1.229										
BH54	UDS02	5.50	Brownish grey clayey silt with traces of sand mixtures & kankars													CI*		48	35	17
BH54	UDS03	8.50	Reddish brown, clayey silt with sand mixture & traces of rock dust.	2.03	1.81		14 S		UNCONFD		1.63	0				CI*				
							12 T		0.0	1.635										
									0.0	1.633										
									0.0	1.622										
									REMOULD		1.49	0								
									0.0	1.504										
									0.0	1.486										
									0.0	1.480										
BH54	SPT07	10.50	Reddish brown, silty sand with traces of clay binder													SM-SP		90	10 (Silt+Clay)	
BH54	SPT14	20.70	Whitish grey, silty sand with traces of clay binder													SM		70	30 (Silt+Clay)	
BH54	SPT15	22.30	Light grey clayey silty sand.													SM		70	26	4
BH54	SPT18	25.80	Brownish grey, clayey silt with traces of sand mixture & kankar.										35	15		CI				
BH55	UDS01	2.50	Reddish brown clayey silt / silty clay with sand mixture.	2.06	1.82		12 S		UNCONFD		1.61	0				CI*		40	42	18
							13 T		0.0	1.625										
									0.0	1.613										
									0.0	1.592										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD		1.46	0								
									0.0	1.473										
									0.0	1.461										
									0.0	1.446										
BH55	UDS02	5.40	Reddish brown clayey silt with sand mixture.			2.67		0.407					40	28		CI		51	38	11
BH55	UDS03	8.55	Reddish brown clayey silt with traces of sand mixture.	2.09	1.77		16 S		TRSH-UU		1.69	0				CI*				
							18 T		3.0	1.707										
									2.0	1.685										
									1.0	1.678										
BH55	SPT07	10.60	Brownish grey silty sand.													SM-SP		90	10 (Silt+Clay)	
BH55	SPT12	18.20	Brownish grey silty sand with traces of gravels pieces.													SM-SP		90	10 (Silt+Clay)	
BH55	SPT13	19.50	Yellowish brown clayey silt.										42	18		CI				
BH56	UDS01	3.00	Reddish brown clayey silt with sand mixture.	1.96	1.79		10 S		TRSH-UU		1.67	0				CI*		39	41	20
							9 T		3.0	1.683										
									2.0	1.677										
									1.0	1.650										
BH56	UDS02	6.00	Reddish brown clayey silt with sand mixture & decomposed rock dust.	2.03	1.78		16 S		UNCONF		1.48	0				SM		52	35	13
							14 T		0.0	1.499										
									0.0	1.476										
									0.0	1.465										
									REMOULD		1.18	0								
									0.0	1.195										
									0.0	1.175										
									0.0	1.170										
BH56	UDS03	9.00	Reddish brown clayey silty sand.			2.67			DRSH-CU		0.11	32				SM		66	25	9
									0.5	0.422										
									1.0	0.735										
									2.0	1.360										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH56	SPT07	11.00	Brownish grey silty sand.													SP		96	4 (Silt+Clay)	
BH56	SPT12	18.70	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH56	SPT13	20.00	Yellowish brown clayey silt.										35	17		CI				
BH56	SPT15	23.00	Brownish grey silty sand with clay binder.													SM		69	22	9
BH57	SPT01	1.50	Reddish brown clayey silt with sand mixture.										42	18		CI				
BH57	UDS02	5.50	Reddish brown clayey silt with sand mixture & rock dust.	2.04	1.76		15 S		TRSH-UU		1.57	0				SM		51	42	7
							16 T		3.0	1.581										
									2.0	1.572										
									1.0	1.557										
BH57	UDS03	8.50	Reddish brown clayey silt with sand & decomposed rock dust.	2.02	1.68		18 S		UNCONFD		1.28	0				CI*		47	38	15
							20 T		0.0	1.299										
									0.0	1.266										
									0.0	1.275										
									REMOULD		1.02	0								
									0.0	1.033										
									0.0	1.021										
									0.0	1.006										
BH57	SPT07	10.50	Brownish grey silty sand with clay binder.													SM-SP		88	12 (Silt+Clay)	
BH57	SPT12	18.10	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH57	SPT13	19.50	Brownish grey silty sand.													SM		72	20	8

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH57	UDS07	20.50	Yellowish grey clayey silty sand.			2.68			DRSH-CU		0.07	32				SM		74	20	6
									0.5	0.382										
									1.0	0.695										
									2.0	1.320										
BH58	UDS01	2.50	Reddish brown clayey silt with sand mixture.			2.68										SM		54	35	11
BH58	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.										34	17	12	CL				
BH58	UDS03	8.50	Reddish brown clayey silt with sand mixture.	2.07	1.86		11 S	0.402	UNCONFD		1.88	0				CI*		36	44	20
							11 C		0.0	1.892										
							12 T		0.0	1.876										
									0.0	1.872										
									REMOULD		1.62	0								
									0.0	1.631										
									0.0	1.625										
									0.0	1.604										
BH58	SPT07	10.50	Brownish grey silty sand													SP		97	3 (Silt+Clay)	
BH58	SPT13	19.50	Brownish grey silty sand.													SM-SP		94	6 (Silt+Clay)	
BH59	UDS01	2.50	Reddish brown clayey silt with sand mixture.													CI*		38	44	18
BH59	UDS02	5.50	Reddish brown clayey silt with sand mixture.	2.06	1.84		12 S		TRSH-UU		0.54	7	42	20		SC		50	44	6
							12 T		3.0	0.993										
									2.0	0.901										
									1.0	0.726										
BH59	SPT05	7.50	Brownish grey silty sand with clay binder.													SM		72	28 (Silt+Clay)	
BH59	SPT12	18.00	Brownish grey silty sand with clay binder.													SM		73	27 (Silt+Clay)	

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classification	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH59	SPT13	19.50	Yellowish brown clayey silt.										36	17		CI				
BH60	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.01	1.78		13 S		UNCONFD		1.71	0				CI*		36	43	21
							13 T		0.0	1.722										
									0.0	1.718										
									0.0	1.690										
									REMOULD		1.39	0								
									0.0	1.404										
									0.0	1.386										
									0.0	1.380										
BH60	UDS02	5.50	Reddish brown clayey silt.										41	21	14	CI				
BH60	UDS03	8.50	Reddish brown clayey silt with sand mixture & decomposed rock dust.	2.03	1.75		14 S		TRSH-UU		1.34	0				CI*				
							16 T		3.0	1.355										
									2.0	1.336										
									1.0	1.329										
BH60	SPT07	10.50	Reddish brown silty sand.													SM	3	70	27 (Silt+Clay)	
BH60	SPT13	19.50	Brownish grey silty sand.													SP		96	4 (Silt+Clay)	
BH61	UDS02	5.50	Reddish brown, clayey silt with traces of sand mixture.	2.05	1.83		12 S		UNCONFD		1.49	0				CI*		47	40	13
							12 T		0.0	1.511										
									0.0	1.484										
									0.0	1.475										
									REMOULD		1.16	0								
									0.0	1.170										
									0.0	1.155										
									0.0	1.155										
BH61	UDS03	8.50	Reddish brown silty clay with traces of sand mixture.										48	20	16	CI				
BH61	SPT07	10.50	Brownish grey, silty sand.													SM-SP		92	8 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH61	SPT14	21.00	Brownish grey, silty sand.													SP		96	4 (Silt+Clay)	
BH62	UDS01	2.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.25	1.97		11 S		UNCONFD		1.38	0				CI*		46	37	17
							11 T		0.0	1.399										
									0.0	1.376										
									0.0	1.365										
									REMOULD		1.16	0								
									0.0	1.172										
									0.0	1.158										
									0.0	1.150										
BH62	UDS02	5.50	Reddish brown silty clay with traces of sand mixture.													CI*		42	49	9
BH62	UDS03	8.50	Reddish brown clayey silt with sand mixture.	2.05	1.81		13 S		TRSH-UU		1.52	0				CI*				
							13 T		3.0	1.535										
									2.0	1.516										
									1.0	1.509										
BH62	SPT07	10.50	Brownish grey, silty sand with clay binder.													SM		60	40 (Silt+Clay)	
BH62	SPT10	15.00	Brownish grey, silty sand.													SM-SP		92	8 (Silt+Clay)	
BH62	SPT14	21.00	Brownish grey, silty sand with clay binder.													SM-SP		89	11 (Silt+Clay)	
BH63	UDS01	2.50	Reddish brown clayey silt with sand mixture & traces of kankar.	2.07	1.82		12 S		UNCONFD		1.80	0				CI*		46	41	13
							14 T		0.0	1.814										
									0.0	1.806										
									0.0	1.780										
									REMOULD		1.46	0								
									0.0	1.474										
									0.0	1.466										
									0.0	1.440										

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH63	UDS02	5.50	Reddish brown clayey silt with sand mixture.	2.06	1.81		13 S		TRSH-UU		1.50	0				CI*				
							14 T		3.0	1.506										
									2.0	1.499										
									1.0	1.495										
BH63	UDS03	8.50	Reddish brown clayey silt.			2.66							37	20	12	SC		51	37	12
BH63	SPT07	10.50	Brownish grey silty sand.													SP		98	2 (Silt+Clay)	
BH63	SPT13	19.50	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH64	UDS01	2.50	Reddish brown silty clay / clayey silt with sand mixture & rock fragments.	2.06	1.78		15 S		UNCONFD		1.15	0				SM		57	36	7
							16 T		0.0	1.163										
									0.0	1.152										
									0.0	1.135										
									REMOULD		0.93	0								
									0.0	0.947										
									0.0	0.926										
									0.0	0.917										
BH64	UDS02	5.50	Reddish brown clayey silt with sand mixture.			2.73										CI*		44	40	16
BH64	UDS03	8.50	Reddish brown clayey silt.										41	20	14	CI				
BH64	SPT07	10.50	Reddish brown silty sand with clay binder													SM		86	14 (Silt+Clay)	
BH64	SPT13	19.50	Reddish brown silty sand with clay binder													SM-SP		90	10 (Silt+Clay)	
BH64	SPT14	20.50	Yellowish grey, clayey silt with sand mixture.													CI*		46	47	7

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH65	UDS01	2.50	Reddish brown, clayey silt / silty clay with traces of sand mixture.										48	21		CI				
BH65	UDS02	5.50	Reddish brown clayey silt with sand mixture.			2.66										SM		54	32	14
BH65	UDS03	8.50	Reddish brown, clayey silt with sand & decomposed rock fragments.	2.01	1.75		14 S 15 T		UNCONFD		1.34	0				CI*				
									0.0	1.351										
									0.0	1.348										
									0.0	1.321										
									REMOULD		1.25	0								
									0.0	1.260										
									0.0	1.248										
									0.0	1.242										
BH65	SPT07	10.50	Brownish grey, silty sand with clay binder.													SM		85	15 (Silt+Clay)	
BH65	SPT13	19.70	Brownish grey, silty sand.													SP		98	2 (Silt+Clay)	
BH65	SPT14	21.00	Yellowish grey, clayey silty sand.													SM		70	25	5
BH66	UDS01	1.50	Reddish brown clayey silt with sand.			2.69										CI*		32	47	21
BH66	UDS02	4.50	Reddish brown clayey silt with sand mixture.	2.04	1.84		12 S 11 T		TRSH-UU		1.24	0				CI*				
									3.0	1.251										
									2.0	1.240										
									1.0	1.229										
BH66	UDS03	7.50	Reddish brown clayey silt with sand mixture. Obs. kankar	2.05	1.90		14 S 16 T 12 C	0.371	UNCONFD		1.54	0	48	22		SC		56	33	11
									0.0	1.551										
									0.0	1.544										
									0.0	1.525										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD	1.25	0									
									0.0	1.261										
									0.0	1.249										
									0.0	1.240										
BH66	SPT06	9.50	Reddish brown silty sand with kankars.													SP		98	2 (Silt+Clay)	
BH66	SPT12	18.50	Brownish grey silty sand with traces of gravels.													SM-SP		94	6 (Silt+Clay)	
BH66	UDS07	19.50	Yellowish brown clayey silt with traces of sand mixture.										36	17	14	CI				
BH67	UDS01	2.50	Reddish brown silty clay with traces of sand mixture.	2.05	1.80		14 T		UNCONFD	1.60	0					CI*		39	43	18
									0.0	1.611										
									0.0	1.605										
									0.0	1.584										
									REMOULD	1.41	0									
									0.0	1.422										
									0.0	1.408										
									0.0	1.400										
BH67	UDS02	5.50	Reddish brown sitly clay / clayey silt with traces of sand mixture.	2.06	1.86		11 S		TRSH-UU	1.72	0		45	21	21	CI				
							11 T		3.0	1.732										
									2.0	1.728										
									1.0	1.700										
BH67	SPT06	9.20	Reddish brown, clayey silt with sand mixture.													CI*		47	42	11
BH67	SPT07	11.10	Reddish brown silty sand													SM-SP		94	6 (Silt+Clay)	
BH67	SPT12	18.60	Reddish brown silty sand.													SP		99	1 (Silt+Clay)	
BH67	SPT13	20.00	Yellowish grey, clayey silty with traces of sand mixture													CI*		14	69	17

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	Classification	%	%	%	%
BH67	SPT15	23.00	Brownish grey clayey silt.										37	16		CI				
BH68	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.05	1.78		12 S		TRSH-UU	1.48	0					CI*				
							15 T		3.0	1.492										
									2.0	1.476										
									1.0	1.472										
BH68	UDS02	5.50	Reddish brown clayey silt with sand mixture.						UNCONFD	1.42	0					SM		51	36	13
									0.0	1.422										
									0.0	1.420										
									0.0	1.418										
									REMOULD	1.15	0									
									0.0	1.160										
									0.0	1.149										
									0.0	1.141										
BH68	SPT06	9.05	Reddish brown clayey silt with sand & rock dust.										42	18		CI				
BH68	SPT07	10.50	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH68	SPT14	21.05	Brownish grey silty sand with clay binder.													SM		74	26 (Silt+Clay)	
BH68	SPT15	22.50	Whitish grey clayey silt with traces of sand mixture.			2.65										CI*		9	72	19
BH69	UDS01	3.00	Reddish brown clayey silt.										48	20		CI				
BH69	UDS02	6.00	Reddish brown, clayey silt with sand.	2.04	1.76		14 S		TRSH-UU	1.34	0					CI*		47	41	12
							16 T		3.0	1.351										
									2.0	1.344										
									1.0	1.325										
BH69	UDS03	9.00	Reddish brown, clayey silt with sand mixture.			2.65		0.438								SM		52	40	8

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH69	SPT08	12.70	Reddish brown, silty sand with traces of clay binder.													SM		83	17 (Silt+Clay)	
BH69	SPT13	20.00	Yellowish grey silty sand with traces of clay binders.													SM	25	55	12	8
BH69	SPT15	22.80	Yellowish grey clayey silt with traces of sand mixture										33	14		CL				
BH70	UDS01	3.00	Reddish brown, clayey silt with sand mixture.	2.02	1.77		12 S 14 T		TRSH-UU		1.40	0	48	20		CI		35	41	24
									3.0	1.412										
									2.0	1.406										
									1.0	1.382										
BH70	UDS02	6.00	Reddish brown clayey silt with sand mixture & kankars.			2.69		0.413								CI*		45	41	14
BH70	UDS03	9.00	Reddish brown clayey silt with traces of sand mixture & rock dust.	2.03	1.74		16 S 17 T		UNCONFD		1.17	0				CI*				
									0.0	1.182										
									0.0	1.169										
									0.0	1.159										
									REMOULD		1.02	0								
									0.0	1.032										
									0.0	1.028										
									0.0	1.000										
BH70	SPT07	11.05	Brownish grey, silty sand													SM-SP		91	9 (Silt+Clay)	
BH70	SPT14	21.30	Brownish grey, silty sand with clay binder													SM		76	24 (Silt+Clay)	
BH71	UDS01	2.50	Reddish brown clayey silt with sand mixture.													CI*		37	40	23
BH71	UDS02	5.50	Reddish brown clayey silt with sand & decomposed rock dust.	2.05	1.80		15 S 14 T 14 C	0.469	UNCONFD		1.48	0	39	16	12	CI		46	37	17
									0.0	1.494										
									0.0	1.470										
									0.0	1.476										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
									REMOULD		1.19	0								
									0.0	1.202										
									0.0	1.184										
									0.0	1.184										
BH71	UDS03	8.50	Reddish brown silty sand.	1.74	1.66		5 S		DRSH-CU		0.08	29				SM-SP				
							5DR		0.5	0.357										
									1.0	0.634										
									2.0	1.189										
BH71	SPT12	18.00	Brownish grey silty sand.													SP	7	90	3 (Silt+Clay)	
BH72	UDS01	2.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.10	1.88		11 S		TRSH-UU		1.35	0				CI*				
							12 T		3.0	1.366										
									2.0	1.348										
									1.0	1.336										
BH72	UDS02	5.50	Reddish brown clayey silt with sand mixture, decomposed rock dust.	2.12	1.93		10 S		TRSH-UU		1.83	0				CI*				
							10 T		3.0	1.845										
									2.0	1.837										
									1.0	1.808										
BH72	UDS03	8.50	Reddish brown silty sand.						DRSH-CU		0.03	32				CI*				
									0.5	0.342										
									1.0	0.655										
									2.0	1.280										
BH72	SPT10	15.00	Brownish grey silty sand.													SM-SP		95	5 (Silt+Clay)	
BH72	SPT13	19.50	Brownish grey silty sand with kankar.													SM-SP	10	79	11 (Silt+Clay)	
BH73	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.02	1.77		12 S		TRSH-UU		1.55	0				CI*		46	42	12
							14 T		3.0	1.565										
									2.0	1.551										
									1.0	1.534										
BH73	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.										40	18	14	CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH73	UDS03	8.50	Reddish brown clayey silt with sand.	2.05	1.85		10 S 11 T		UNCONFD		1.60	0				CI*		37	41	22
									0.0	1.609										
									0.0	1.605										
									0.0	1.586										
									REMOULD		1.30	0								
									0.0	1.313										
									0.0	1.308										
									0.0	1.279										
BH73	SPT07	10.50	Brownish grey silty sand with kankar.													SM-SP	7	86	7 (Silt+Clay)	
BH73	SPT11	16.50	Reddish brown silty sand with kankars.													SP		98	2 (Silt+Clay)	
BH73	SPT13	19.50	Brownish grey silty sand with traces of kankars.													SP		97	3 (Silt+Clay)	
BH74	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.08	1.77		21 S 18 T		TRSH-UU		1.04	6				CI*		41	41	18
									3.0	1.505										
									2.0	1.388										
									1.0	1.272										
BH74	UDS02	5.50	Reddish brown clayey silt with sand mixture.						UNCONFD		1.69	0	43	21		CI		40	42	18
									0.0	1.703										
									0.0	1.688										
									0.0	1.679										
									REMOULD		1.38	0								
									0.0	1.392										
									0.0	1.385										
									0.0	1.363										
BH74	SPT06	8.95	Yellowish grey silty sand													SP		97	3 (Silt+Clay)	
BH74	UDS05	14.50	Yellowish grey silty sand	1.75	1.59	2.66	8 S 10DR		DRSH-CU		0.01	31				SM-SP		95	5 (Silt+Clay)	
									0.5	0.310										
									1.0	0.611										
									2.0	1.212										
BH74	SPT12	18.00	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classification	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH75	UDS01	2.50	Reddish brown clayey silt with sand mixture.						UNCONFD		1.35	0				SM		51	34	15
									0.0	1.366										
									0.0	1.349										
									0.0	1.335										
									REMOULD		1.03	0								
									0.0	1.045										
									0.0	1.033										
									0.0	1.012										
BH75	UDS02	5.50	Reddish brown silty sand with traces of clay binders.	1.71	1.59		7 S		DRSH-CU		0.01	30				SM-SP				
							7DR		0.5	0.299										
									1.0	0.587										
									2.0	1.165										
BH75	SPT05	7.50	Brownish grey silty sand.													SP	96	4 (Silt+Clay)		
BH75	SPT10	15.00	Brownish grey silty sand.													SP	97	3 (Silt+Clay)		
BH76	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.01	1.75		16 S		UNCONFD		1.02	0	47	21		CI		47	41	12
							15 T		0.0	1.033										
									0.0	1.027										
									0.0	1.000										
									REMOULD		0.84	0								
									0.0	0.854										
									0.0	0.849										
									0.0	0.817										
BH76	UDS02	5.50	Reddish brown clayey silt with sand & traces of kankars.			2.72		0.475								SM		55	33	12
BH76	SPT05	7.50	Reddish brown clayey silt with sand.													SM		56	35	9
BH76	SPT06	9.05	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	
BH76	SPT15	22.50	Brownish grey, silty sand.													SP		99	1 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH76	SPT16	24.00	Brownish grey, silty sand.													SM		61	37	2
BH77	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.05	1.77	2.67	17 S 16 T 15 C	0.449	UNCONFD	0.88	0					CI*		47	38	15
									0.0	0.892										
									0.0	0.884										
									0.0	0.864										
									REMOULD	0.63	0									
									0.0	0.640										
									0.0	0.633										
									0.0	0.617										
BH77	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture.	2.03	1.67		21 S 22 T		TRSH-UU	1.72	0					CI*		41	43	16
									3.0	1.730										
									2.0	1.722										
									1.0	1.708										
BH77	UDS03	8.50	Reddish brown clayey silt .										40	21	18	CI				
BH77	SPT06	8.95	Brownish grey silty sand with clay binder.													SM		70	30 (Silt+Clay)	
BH77	SPT13	19.50	Yellowish brown silty sand with clay binder													SM-SP		88	12 (Silt+Clay)	
BH77	SPT14	20.80	Yellowish brown clayey silt with traces of kankars.										35	16		CI				
BH78	UDS01	2.50	Reddish brown clayey silt.										37	20	13	CI				
BH78	UDS02	5.50	Reddish brown clayey silt with sand mixture & decomposed rock dust.						TRSH-UU	1.42	0					SM		52	43	5
									3.0	1.433										
									2.0	1.428										
									1.0	1.399										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH78	UDS03	8.50	Reddish brown silty clay / clayey silt with traces of sand mixture.	2.01	1.78		12 S		UNCONFD		1.77	0				CI*				
							13 T		0.0	1.782										
									0.0	1.775										
									0.0	1.753										
									REMOULD		1.43	0								
									0.0	1.440										
									0.0	1.426										
									0.0	1.424										
BH78	SPT06	8.95	Yellowish brown silty sand													SM-SP		94	6 (Silt+Clay)	
BH78	SPT11	16.50	Brownish grey silty sand with traces of gravels.													SP	8	90	2 (Silt+Clay)	
BH79	UDS01	3.00	Reddish brown clayey silt with traces of sand mixture.	2.07	1.85		11 S		UNCONFD		1.55	0				CI*				
							12 T		0.0	1.562										
									0.0	1.548										
									0.0	1.540										
									REMOULD		1.46	0								
									0.0	1.472										
									0.0	1.461										
									0.0	1.447										
BH79	UDS02	6.00	Brownish grey clayey silt with traces of sand mixtures & kankars													CI*		46	36	18
BH79	UDS03	9.10	Reddish brown, clayey silt with sand mixture.	2.06	1.81		12 S		UNCONFD		1.12	0	40	20	12	CI				
							14 T		0.0	1.134										
									0.0	1.127										
									0.0	1.099										
									REMOULD		1.02	0								
									0.0	1.034										
									0.0	1.025										
									0.0	1.001										
BH79	SPT07	11.00	Brownish grey, silty sand													SP		99	1 (Silt+Clay)	
BH79	SPT13	20.00	Brownish grey, silty sand													SP		98	2 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH79	SPT14	21.30	Yellowish grey clayey silt with sand.													SM		54	39	7
BH80	UDS01	2.50	Reddish brown clayey silt with sand mixture & rock dust.	2.04	1.87		8 S 9 T		TRSH-UU 3.0 2.0 1.0	1.522 1.517 1.491	1.51	0				CI*		42	47	11
BH80	UDS03	8.50	Reddish brown clayey silt .										46	23		CI		35	44	21
BH80	SPT07	10.50	Brownish grey silty sand.													SM-SP		95	5 (Silt+Clay)	
BH80	SPT12	21.00	Brownish grey silty sand.													SP		98	2 (Silt+Clay)	
BH80	SPT14	24.00	Yellowish brown clayey silt with traces of sand mixture,										37	16		CI				
BH80	SPT15	25.50	Yellowish grey clayey silt with sand mixture.													CI*		35	63	2
BH81	UDS01	2.50	Reddish brown clayey silt with sand mixture.			2.73										CI*		34	46	20
BH81	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture & decomposed rock dust.	2.10	1.89		10 S 11 T		UNCONFD 0.0 0.0 0.0	1.931 1.931 1.828	1.90	0				CI*		42	38	20
									REMOULD 0.0 0.0 0.0	1.567 1.567 1.458	1.53	0								
BH81	UDS03	8.50	Reddish brown clayey silt .										45	22		CI		46	37	17

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH81	SPT07	10.50	Brownish grey silty sand													SM-SP		90	10 (Silt+Clay)	
BH81	SPT13	19.50	Brownish grey silty sand													SM-SP		93	7 (Silt+Clay)	
BH81	SPT14	21.00	Yellowish brown clayey silt.										40	18		CI				
BH82	UDS01	3.00	Reddish brown clayey silt / silty clay with sand mixture.	2.04	1.82	2.67	10 S 12 T 12 C	0.408	UNCONFD		1.55	0	45	19		CI		37	41	22
									0.0	1.563										
									0.0	1.549										
									0.0	1.538										
									REMOULD		1.24	0								
									0.0	1.252										
									0.0	1.244										
									0.0	1.224										
BH82	UDS02	6.00	Reddish brown clayey silt with sand mixture & decomposed rock dust.						TRSH-UU		1.65	0				SM		50	35	15
									3.0	1.661										
									2.0	1.649										
									1.0	1.640										
BH82	UDS03	9.00	Reddish brown clayey silt with sand mixture & rock dust.	2.06	1.82		12 S 13 T		UNCONFD		1.53	0				CI*		48	41	11
									0.0	1.540										
									0.0	1.528										
									0.0	1.522										
									REMOULD		1.24	0								
									0.0	1.250										
									0.0	1.243										
									0.0	1.227										
BH82	UDS04	12.00	Yellowish brown silty sand.						DRSH-CU		0.01	33				SM-SP*				
									0.5	0.335										
									1.0	0.659										
									2.0	1.309										
BH82	SPT12	18.60	Brownish grey silty sand with traces of gravels pieces & kankars.													SM-SP	5	90	5 (Silt+Clay)	
BH82	SPT13	20.00	Yellowish brown clayey silt with traces of sand mixture.										35	16		CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH82	SPT15	23.00	Yellowish grey clayey silty sand.													SM		77	19	4
BH83	UDS01	3.00	Reddish brown clayey silt with sand mixture.	2.10	1.93		8 S		TRSH-UU	1.34	0					CI*		47	40	13
							9 T		3.0	1.352										
									2.0	1.344										
									1.0	1.324										
BH83	UDS03	9.00	Reddish brown clayey silt with sand mixture.	2.05	1.81		13 S		UNCONFD	1.43	0				14	CI*		37	46	17
							13 T		0.0	1.441										
									0.0	1.430										
									0.0	1.419										
									REMOULD	1.25	0									
									0.0	1.264										
									0.0	1.249										
									0.0	1.237										
BH83	SPT07	11.00	Brownish grey silty sand.													SM-SP		95	5 (Silt+Clay)	
BH83	SPT12	18.60	Brownish grey silty sand.													SM-SP		94	6 (Silt+Clay)	
BH83	SPT13	20.00	Yellowish brown clayey silt with kankars & sand mixture.										35	14		CI				
BH83	SPT16	24.20	Yellowish grey clayey silt with traces of sand mixture.													CI*		8	65	27
BH84	UDS01	2.45	Reddish brown clayey silt with sand mixture & kankars.			2.69		0.473								CI*		36	42	22
BH84	UDS02	5.50	Reddish brown clayey silt with traces of sand mixture .						TRSH-UU	1.60	0		44	21		CI		41	45	14
									3.0	1.611										
									2.0	1.605										
									1.0	1.584										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH84	UDS03	8.50	Reddish brown, silty clay / clayey silt with traces of sand mixture.	2.02	1.73		16 S 17 T		UNCONFD 0.0	1.484	1.47	0				CI*				
									0.0	1.463										
									0.0	1.463										
									REMOULD	1.23	0									
									0.0	1.240										
									0.0	1.228										
									0.0	1.222										
BH84	SPT07	10.50	Yellowish grey, clayey silt with sand mixture.													CI*		49	38	13
BH84	SPT08	12.70	Reddish brown silty sand.													SM-SP		94	6 (Silt+Clay)	
BH84	SPT12	18.60	Reddish brown silty sand.													SM-SP		92	8 (Silt+Clay)	
BH84	SPT13	20.00	Yellowish grey, clayey silt with sand.													SM		50	46	4
BH84	SPT17	26.00	Brownish grey clayey silt.										39	17		CI				
BH84	SPT18	27.40	Reddish brown silty sand.													SM		69	31 (Silt+Clay)	
BH85	UDS01	1.50	Reddish brown clayey silt / silty clay with traces of sand mixture &	2.06	1.81		14 S 14 T		UNCONFD 0.0	1.264	1.25	0	47	23	14	CI		34	43	23
									0.0	1.244										
									0.0	1.242										
									REMOULD	1.10	0									
									0.0	1.115										
									0.0	1.109										
									0.0	1.079										
BH85	UDS02	4.50	Reddish brown clayey silt with sand mixture.				12 C	0.379								CI*				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH85	UDS03	7.50	Brownish grey silty sand with clay binder.													SM		87	13 (Silt+Clay)	
BH85	SPT07	11.10	Brownish grey silty sand with clay binder.													SM		83	17 (Silt+Clay)	
BH85	UDS05	12.00	Reddish brown clayey silt with traces of sand mixture & decomposed rock dust.	2.07	1.85		12 S		TRSH-UU		1.50	0				CI*				
							12 T		3.0	1.515										
									2.0	1.508										
									1.0	1.477										
BH85	SPT11	17.00	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH85	SPT12	18.60	Yellowish brown clayey silt with sand mixture & kankars.										37	14		CI				
BH86	UDS01	2.50	Reddish brown clayey silt / silty clay with sand mixture & rock dust.	2.02	1.85		10 S		UNCONFD		1.48	0				CI*		38	44	18
							9 T		0.0	1.490										
									0.0	1.482										
									0.0	1.468										
									REMOULD		1.33	0								
									0.0	1.342										
									0.0	1.331										
									0.0	1.317										
BH86	UDS03	8.50	Reddish brown silty sand.	1.74	1.69		4 S		DRSH-CU		0.06	29				SM*				
							3DR		0.5	0.337										
									1.0	0.614										
									2.0	1.169										
BH86	SPT08	12.05	Brownish grey clayey silty sand.													SM		73	27 (Silt+Clay)	
BH86	SPT13	19.50	Brownish grey silty sand.													SM-SP		93	7 (Silt+Clay)	
BH86	SPT15	22.50	Yellowish grey clayey silt with sand mixture.													CI*		26	64	10

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH86	SPT16	24.00	Brownish grey silty clay with sand & gravels pieces.													CI*		49	40	10
BH87	UDS01	2.50	Reddish brown clayey silt with traces of sand mixture.	2.00	1.61		26 S		TRSH-UU		1.34	0	47	19		CI		45	40	15
							24 T		3.0	1.352										
									2.0	1.344										
									1.0	1.324										
BH87	UDS02	5.50	Reddish brown silty clay with traces of sand mixture.	2.04	1.70	2.70	18 S		UNCONFD		1.35	0				CI*		39	40	21
							20 T		0.0	1.366										
									0.0	1.349										
									0.0	1.335										
									REMOULD		0.75	0								
									0.0	0.760										
									0.0	0.758										
									0.0	0.732										
BH87	UDS03	8.50	Reddish brown clayey silt with traces of sand mixture.										38	20	14	CI				
BH87	SPT07	10.50	Brownish grey silty sand													SM-SP		94	6 (Silt+Clay)	
BH87	SPT13	19.50	Brownish grey silty sand													SM-SP		93	7 (Silt+Clay)	
BH87	SPT14	21.00	Reddish brown clayey silt with sand mixture.										39	17		CI				
BH88	UDS01	2.50	Reddish brown silty clay / clayey silt with sand mixture, rock dust, rock	2.09	1.87		13 S		UNCONFD		0.72	0				CI*		49	37	14
							12 T		0.0	0.731										
									0.0	0.728										
									0.0	0.701										
									REMOULD		0.59	0								
									0.0	0.607										
									0.0	0.585										
									0.0	0.578										
BH88	UDS02	5.50	Reddish brown clayey silt with traces of rock pieces & sand mixture.	2.10	1.84		12 S		TRSH-UU		1.36	0				CI*		44	39	17
							14 T		3.0	1.371										
									2.0	1.359										
									1.0	1.350										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH88	SPT06	9.45	Reddish brown silty sand													SM-SP		92	8 (Silt+Clay)	
BH88	SPT11	16.50	Brownish grey silty sand.													SM-SP		95	5 (Silt+Clay)	
BH88	SPT12	18.05	Brownish grey silty sand.													SM-SP		94	6 (Silt+Clay)	
BH88	SPT15	24.00	Yellowish brown clayey silt.										39	19		CI				
BH89	UDS01	2.50	Reddish brown silty clay / clayey silt with sand mixture.	2.08	1.81		15 S		UNCONFD		1.32	0				CI*		38	50	12
							15 T		0.0	1.334										
									0.0	1.326										
									0.0	1.300										
									REMOULD		1.07	0								
									0.0	1.088										
									0.0	1.065										
									0.0	1.057										
BH89	UDS02	5.50	Reddish brown silty clay / clayey silt with sand mixture.	1.91	1.63		15 S		TRSH-UU		1.29	0				CI*				
							17 T		3.0	1.300										
									2.0	1.294										
									1.0	1.276										
BH89	UDS03	8.50	Reddish brown clayey silt.						TRSH-UU		1.56	0				CI*				
									3.0	1.574										
									2.0	1.559										
									1.0	1.547										
BH89	SPT08	12.05	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH89	SPT11	16.50	Brownish grey silty sand.													SP		96	4 (Silt+Clay)	
BH89	SPT12	18.05	Yellwoish brown clayey silt.										34	16		CL				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH89	SPT14	21.60	Whitish grey clayey silty sand.													SM		67	25	8
BH90	UDS01	2.50	Reddish brown clayey silt / silty clay with traces of sand mixture & decomposed rock fragments.	2.10	1.81		18 S 16 T		TRSH-UU 3.0 2.0 1.0	1.489 1.385 1.339	1.40	0				CI*				
BH90	UDS02	5.50	Reddish brown clayey sandy silt.	2.10	1.78		18 S 18 T		UNCONFD 0.0 0.0 0.0	1.422 1.416 1.392	1.41	0				CI*		44	43	13
									REMOULD 0.0 0.0 0.0	1.141 1.129 1.120	1.13	0								
BH90	UDS03	8.50	Reddish brown clayey silt .										45	21	17	CI				
BH90	SPT07	10.50	Brownish grey silty sand.													SM-SP		93	7 (Silt+Clay)	
BH90	SPT12	18.00	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH91	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.10	1.86		14 S 13 T		UNCONFD 0.0 0.0 0.0	1.322 1.308 1.300	1.31	0				CI*		43	40	17
									REMOULD 0.0 0.0 0.0	1.085 1.066 1.059	1.07	0								
BH91	UDS02	5.50	Reddish brown clayey silt with sand mixture.	2.09	1.85		12 S 13 T		TRSH-UU 3.0 2.0 1.0	1.199 1.175 1.166	1.18	0	47	17		CI		42	43	15

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH91	UDS03	8.50	Reddish brown clayey silt with sand mixture.						UNCONFD		1.31	0				CI*				
									0.0	1.322										
									0.0	1.315										
									0.0	1.293										
									REMOULD		1.05	0								
									0.0	1.064										
									0.0	1.048										
									0.0	1.038										
BH91	SPT08	11.80	Reddish brown clayey silt with sand.													CI*		49	39	12
BH91	SPT09	13.50	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH91	SPT13	19.50	Brownish grey silty sand.													SP		99	1 (Silt+Clay)	
BH91	SPT14	21.30	Yellowish brown clayey silt.										36	16		CI				
BH92	UDS01	2.00	Reddish brown silty clay / clayey silt with sand mixture.	2.04	1.82	2.72	11 S 12 T		TRSH-UU		1.40	0	40	21		CI		39	42	19
									3.0	1.414										
									2.0	1.407										
									1.0	1.379										
BH92	UDS03	8.00	Reddish brown clayey silt with sand mixture.	2.09	1.88				UNCONFD		1.34	0				SM		50	42	8
									0.0	1.352										
									0.0	1.347										
									0.0	1.321										
									REMOULD		1.22	0								
									0.0	1.230										
									0.0	1.217										
									0.0	1.213										
BH92	SPT07	10.00	Brownish grey silty sand.													SM-SP		92	8 (Silt+Clay)	
BH92	SPT11	16.70	Brownish grey silty sand.													SM-SP		94	6 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH92	SPT12	18.50	Yellowish grey silty clay with sand & kankars.													SM		50	43	7
BH92	SPT15	23.00	Yellowish brown clayey silt.										35	15		CI				
BH93	UDS01	1.00	Reddish brown silty clay / clayey silt with sand mixture.	2.01	1.79	2.73	12 S	0.567	TRSH-UU		1.17	0	42	20		CI		44	40	16
							12 T		3.0	1.191										
							14 C		2.0	1.171										
									1.0	1.147										
BH93	UDS02	4.00	Reddish brown clayey silt with sand mixture.										42	18	13	CI		49	44	7
BH93	UDS03	7.00	Reddish brown silty clay with sand mixture.	2.03	1.85		10 S		UNCONFD		1.64	0				SM		51	34	15
							10 T		0.0	1.661										
									0.0	1.659										
									0.0	1.600										
									REMOULD		1.43	0								
									0.0	1.450										
									0.0	1.426										
									0.0	1.414										
BH93	SPT06	9.55	Brownish grey silty sand with clay binder.													SM		80	20 (Silt+Clay)	
BH93	SPT14	21.55	Brownish grey clayey silt with sand mixtures.													CI*		48	52 (Silt+Clay)	
BH94	UDS01	2.50	Reddish brown silty clay / clayey silt with sand mixture.						TRSH-UU		1.35	0	42	20		SC		53	35	12
									3.0	1.372										
									2.0	1.348										
									1.0	1.330										
BH94	UDS02	5.50	Reddish brown silty clay with traces of sand mixture.	2.08	1.84		12 S		TRSH-UU		2.50	0				CI*		41	47	12
							13 T		3.0	2.533										
									2.0	2.512										
									1.0	2.455										
BH94	SPT06	9.05	Brownish grey clayey silt with sand mixture.													SM		50	50 (Silt+Clay)	

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH94	SPT12	18.05	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH94	SPT13	19.50	Yellowish brown clayey silt with traces of sand mixture.										41	20	10	CI				
BH94	SPT14	20.80	Brrownish grey clayey silt with sand.			2.69										CI*		30	53	17
BH94	SPT15	22.00	Brownish grey silty sand with clay binder.													SM		80	20 (Silt+Clay)	
BH95	UDS01	2.50	Reddish brown silty clay with sand mixture.	2.10	1.91		7 S		TRSH-UU		1.62	0				CI*		49	35	16
							10 T		3.0	1.642										
									2.0	1.626										
									1.0	1.592										
BH95	UDS02	5.50	Reddish brown silty clay with sand mixture.	2.09	1.88		9 S		UNCONFD		2.95	0	45	19		CI		48	46	6
							11 T		0.0	2.997										
									0.0	2.972										
									0.0	2.881										
									REMOULD		2.59	0								
									0.0	2.626										
									0.0	2.612										
									0.0	2.532										
BH95	UDS03	8.50	Reddish brown clayey silt with sand mixture.													CI*		49	41	10
BH95	SPT08	12.05	Reddish brown silty sand with clay binder													SM		83	17 (Silt+Clay)	
BH95	SPT15	22.50	Reddish brown silty sand with clay binder													SM-SP		88	12 (Silt+Clay)	
BH95	SPT16	23.70	Yellowish brown clayey silt with sand mixture										43	15		CI				

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classifica tion	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH96	UDS01	2.50	Reddish brown clayey silt with sand mixture.			2.70	14 C	0.419								CI*		38	41	21
BH96	UDS02	5.50	Reddish brown clayey silt .												18	CI*				
BH96	UDS03	8.50	Reddish brown clayey silt with sand mixture & gravels pieces.	2.03	1.86		9 S 9 T		UNCONFD	0.76	0					SM		50	46	4
									0.0	0.763										
									0.0	0.758										
									0.0	0.759										
									REMOULD	0.41	0									
									0.0	0.424										
									0.0	0.413										
									0.0	0.393										
BH96	SPT07	10.50	Brownish grey silty sand.													SM-SP		93	7 (Silt+Clay)	
BH96	SPT12	18.00	Yellowish grey clayey silty sand with traces of kankars.													SM		71	25	4
BH97	UDS01	1.50	Reddish brown silty clay / silty clay with sand mixture.	2.02	1.79		13 T		UNCONFD	1.49	0					CI*		42	46	12
									0.0	1.512										
									0.0	1.492										
									0.0	1.466										
									REMOULD	1.20	0									
									0.0	1.222										
									0.0	1.193										
									0.0	1.185										
BH97	UDS02	4.50	Reddish brown clayey silt / silty clay with sand mixture.						TRSH-UU	1.75	0					CI*		45	40	15
									3.0	1.770										
									2.0	1.748										
									1.0	1.732										
BH97	UDS03	7.50	Reddish brown silty clay / clayey silt with traces of sand mixture.										42	23	13	CI		48	41	11
BH97	UDS04	10.50	Reddish brown silty sand with traces of kankars.	1.73	1.61		6 S 7DR		DRSH-CU	0.02	31					SM-SP*				
									0.5	0.320										
									1.0	0.621										
									2.0	1.222										

Bore	Sample	Depth	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS	Grain Size			
Hole	Number	M		Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL	Classifica	Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%	tion	%	%	%	%
BH97	SPT10	15.50	Brownish grey silty sand.													SP		97	3 (Silt+Clay)	
BH97	SPT13	20.05	Brownish grey silty sand with clay binder & decomposed rock													SM	15	55	30 (Silt+Clay)	
BH98	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.06	1.72		12 S		TRSH-UU		1.22	0				CI*		46	41	13
							20 T		3.0	1.234										
									2.0	1.225										
									1.0	1.207										
BH98	UDS02	5.50	Reddish brown clayey silt with sand mxiture.						UNCONFD		1.44	0	42	19		CI				
									0.0	1.452										
									0.0	1.448										
									0.0	1.420										
									REMOULD		1.31	0								
									0.0	1.326										
									0.0	1.305										
									0.0	1.299										
BH98	UDS03	8.50	Reddish brown clayey silt with sand mixture.													SM		52	37	11
BH98	SPT08	12.10	Brownish grey silty sand.													SP		99	1(Silt+Clay)	
BH98	SPT14	20.60	Brrownish grey clayey silt with sand mixture.													SM		52	41	7
BH99	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.10	1.88		11 S		TRSH-UU		1.45	0	42	20		SC		51	40	9
							12 T		3.0	1.464										
									2.0	1.454										
									1.0	1.432										
BH99	UDS02	5.40	Reddish brown clayey silt with sand mixture.			2.70										CI*		43	37	20

Bore Hole	Sample Number	Depth M	Sample Description	Bulk	Dry	Spec.	Nat.	Void	Strength Test Results				Atter. Limits			IS Classification	Grain Size			
				Dens.	Dens.	Grav.	Mois.	Ratio	Pc/Pn	Shear	Cohesn	Frictn	LL	PL	SL		Gravl	Sand	Silt	Clay
				gms/cc	gms/cc		%		kg/sqcm	kg/sqcm	kg/sqcm	Deg.	%	%	%		%	%	%	%
BH99	UDS03	8.50	Reddish brown silty clay with sand mixture and kankars.	2.02	1.79		12 S	0.400	UNCONFD		1.59	0				CI*				
							12 T		0.0	1.611										
							13 C		0.0	1.584										
									0.0	1.575										
									REMOULD		1.48	0								
									0.0	1.492										
									0.0	1.482										
									0.0	1.466										
BH99	SPT08	12.10	Brownish grey silty sand.													SP		98	2 (Silt+Clay)	
BH99	SPT13	19.50	Brownish grey silty sand.													SP		98	2 (Silt+Clay)	
BH99	SPT14	21.10	Yellowish brown clayey silt with traces of sand mixture & gravels.										34	16		CL				
BH100	UDS01	2.50	Reddish brown clayey silt with sand mixture.	2.07	1.82		14 S		UNCONFD		1.06	0				CI*				
							13 T		0.0	1.078										
									0.0	1.055										
									0.0	1.047										
									REMOULD		0.68	0								
									0.0	0.693										
									0.0	0.678										
									0.0	0.669										
BH100	UDS02	5.50	Reddish brown clayey silt with sand mixture.			2.64										CI*		38	41	21
BH100	UDS03	8.50	Reddish brown clayey silt with sand mixture.	1.97	1.60		25 S		TRSH-UU		1.05	0	46	18		CI		46	43	11
							23 T		3.0	1.068										
									2.0	1.057										
									1.0	1.025										
BH100	SPT07	10.50	Brownish grey sitly sand.													SP		97	3 (Silt+Clay)	
BH100	SPT13	19.50	Brownish grey sitly sand.													SM-SP		94	6 (Silt+Clay)	