



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.69

Co-ordinates E=672493.166
N=2479565.246

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 01/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.779 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									DS-1	0.50
									DS-2	1.00
		7	9	10			19		SPT-1	1.50-1.95
									DS-3	2.50
		7	11	13			24		UDS-1	3.00-3.45
									SPT-2	3.45-3.90
		9	10	12			22		DS-4	4.50
									SPT-3	5.00-5.45
Very stiff, reddish brown, silty clay with sand mixture & kankar.		9	13	14			27		UDS-2	6.00-6.45
									SPT-4	6.45-6.90
		10	12	16			28		DS-5	7.50
									SPT-5	8.00-8.45
		10	13	19			32		UDS-3	9.00-9.45
									SPT-6	9.45-9.90
9.45m		10	13	21			34		DS-6	10.50
									SPT-7	11.00-11.45
11.50m		7	9	11			20		*UDS-4	12.10-12.55
									SPT-8	12.70-13.15
		7	8	15			23		DS-7	13.60
									SPT-9	14.00-14.45
Medium dense dense to dense, light brownish, silty sand with kankar.		9	10	15			25		*UDS-5	15.00-15.45
									SPT-10	15.60-16.05
		10	14	16			30		DS-8	16.50
									SPT-11	17.05-17.50
18.50m									*UDS-6	18.00-18.45



BH-69/Sheet-1



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Co-ordinates E=672493.166
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Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 01/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.779 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)
18.50m Medium dense dense to dense, light brownish, silty sand with kankar.		12	15	18	33		SPT-12	18.60-19.05
					29		DS-9	19.60
		10	13	16	47		SPT-13	20.00-20.45
21.20m		19	23	24	49		*UDS-7	21.00-21.08
					>100		SPT-14	21.20-21.65
		18	21	28	Refusal		DS-10	22.20
24.30m Highly weathered, blackish grey, fine grained, fractured rock. Obs. boulder.		100	10.0	cm Pentn.			SPT-15	22.80-23.25
25.00m		100	2.0	cm Pentn.			DS-11	23.60
							SPT-16	24.00-24.10
							*SPT-17	24.30-24.32
							R1	24.30-24.32
							R2	25.00
							R3	25.75
							R4	26.50
							R5	27.25
							R6	28.00
							R7	28.75
							R8	29.50
							R9	30.25
							R10	31.00
							R11	31.75
							R12	32.50
							R13	33.25
							R14	34.00
								35.00

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



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BORE LOG DATA SHEET

BORE HOLE NO.70

Co-ordinates	E=672524.128 N=2479561.682
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Field Test	Nos	Samples	Nos	Commencement Date : 26/04/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	16	Undisturbed (UDS)	7	Completion Date : 29/04/2024
		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
		Disturbed (DS)	10	Level Of Ground : 303.555 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.40 m.

[illegible]



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CETEST

Job No : 4732

Created by : T.SAHA

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Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.70

Co-ordinates E=672524.128
N=2479561.682

Field Test	Nos	Samples	Nos	Commencement Date : 26/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 29/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.555 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense, yellowish brown, silty sand with kankars.		9	11	15	26			*UDS-6	18.05-18.50
								SPT-12	18.70-19.15
								DS-9	19.50
		11	13	15	28			SPT-13	20.00-20.45
20.50m Very dense, light brownish grey, silty sand with kankars & decomposed rock. Obs. clay binder.		15	23	28	51			*UDS-7	21.00-21.10
								SPT-14	21.30-21.75
								DS-10	22.30
		28	56		>100			SPT-15	22.70-22.90
23.00m		100			5.0cm Pentn. Refusal			*SPT-16	23.00-23.03 23.00
					3.0cm Pentn. NX, drilling from 23.00m to 35.00m			R1	CR=33% RQD=NIL 23.75
								R2	CR=34% RQD=NIL 24.50
								R3	CR=33% RQD=NIL 25.25
								R4	CR=30% RQD=NIL 26.00
								R5	CR=37% RQD=NIL 26.75
								R6	CR=41% RQD=NIL 27.50
								R7	CR=45% RQD=26% 28.25
								R8	CR=40% RQD=NIL 29.00
								R9	CR=44% RQD=NIL 29.75
								R10	CR=40% RQD=NIL 30.50
								R11	CR=46% RQD=NIL 31.25
								R12	CR=42% RQD=NIL 32.00
								R13	CR=41% RQD=NIL 32.75
								R14	CR=46% RQD=NIL 33.50
33.50m Moderately weathered, light greyish yellow to blackish grey, medium grained, fractured rock.								R15	CR=53% RQD=NIL 34.25
								R16	CR=60% RQD=16% 35.00
35.00m N.B. - '*' means sample could not be recovered.									



BH-70/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.71

Co-ordinates E=672592.634
N=2479553.727

Field Test	Nos	Samples	Nos	Commencement Date : 14/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 15/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.161 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 Very stiff, reddish brown, clayey silt with kankars.								DS-1	0.50
								DS-2	1.00
		7	9	10		19		SPT-1	1.50-1.95
		8	10	14		24		UDS-1	2.50-2.95
								SPT-2	2.95-3.40
		9	11	17		28		DS-3	4.00
								SPT-3	4.50-4.95
8.30m Medium dense to dense, yellowish brown, silty sand with kankars & gravel.		10	12	20		32		UDS-2	5.50-5.95
								SPT-4	5.95-6.40
		8	10	13		23		DS-4	7.00
								SPT-5	7.50-7.95
		8	11	15		26		UDS-3	8.50-8.95
								SPT-6	8.95-9.40
		9	13	15		28		DS-5	10.00
								SPT-7	10.50-10.95
18.00m		9	14	17		31		*UDS-4	11.50-11.95
								SPT-8	12.00-12.45
		10	15	18		33		DS-6	13.00
								SPT-9	13.50-13.95
		12	17	18		35		*UDS-5	14.50-14.95
								SPT-10	15.00-15.45
		14	20	22		42		DS-7	16.00
								SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-71/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.71

Co-ordinates E=672592.634
N=2479553.727

Field Test	Nos	Samples	Nos	Commencement Date : 14/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 15/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.161 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)
18.00m Medium dense to dense, yellowish brown, silty sand with kankars & gravel.		19	25	25	50			SPT-12	18.00-18.45
								DS-8	19.00
21.00m Highly weathered, pinkish grey, fine grained, fractured rock.		32	39	50	>100			SPT-13	20.10-20.45
21.75m Highly weathered, greyish yellow, fine to medium grained, fractured rock.		00			5.0cm Pentn. Refusal			*SPT-14	21.00-21.03 21.00
					3.0cm Pentn.			R1	CR=20% RQD=NIL 21.75
					NX. drilling from 21.00m to 35.00m			R2	CR=27% RQD=NIL 22.50
								R3	CR=29% RQD=NIL 23.25
								R4	CR=35% RQD=NIL 24.00
								R5	CR=35% RQD=NIL 24.75
								R6	CR=41% RQD=NIL 25.50
								R7	CR=32% RQD=NIL 26.25
								R8	CR=40% RQD=NIL 27.00
								R9	CR=39% RQD=10% 27.75
								R10	CR=43% RQD=15% 28.50
								R11	CR=32% RQD=19% 29.25
								R12	CR=37% RQD=13% 30.00
								R13	CR=35% RQD=NIL 30.75
								R14	CR=52% RQD=13% 31.50
								R15	CR=53% RQD=19% 32.25
								R16	CR=44% RQD=15% 33.00
								R17	CR=41% RQD=17% 33.75
33.75m Moderately weathered, greyish yellow, medium to coarse grained, fractured rock.								R18	CR=52% RQD=27% 34.50
35.00m N.B. - '*' means sample could not be recovered.								R19	CR=54% RQD=NIL 35.00



BH-71/Sheet-2



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Created on : 26/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.72

Co-ordinates E=672615.809
N=2479565.371

Field Test	Nos	Samples	Nos	Commencement Date : 16/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 17/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.981 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 Very stiff, reddish brown, clayey silt / silty clay with kankars.									DS-1	0.50
									DS-2	1.00
		7	10	10			20		SPT-1	1.50-1.95
2.20m										
		8	11	15			26		UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
		9	10	14			24		SPT-3	4.50-4.95
		10	12	13			25		UDS-2	5.50-5.95
									SPT-4	5.95-6.40
		12	13	14			27		DS-4	7.00
8.50m									SPT-5	7.50-7.95
		14	15	16			31		UDS-3	8.50-8.95
									SPT-6	8.95-9.40
									DS-5	10.00
		9	11	13			24		SPT-7	10.50-10.95
		9	12	13			25		*UDS-4	11.50-11.95
									SPT-8	12.00-12.45
		10	13	14			27		DS-6	13.00
									SPT-9	13.50-13.95
		10	13	14			27		*UDS-5	14.50-14.95
									SPT-10	15.00-15.45
		10	12	15			27		DS-7	16.00
18.00m									SPT-11	16.50-16.95
									*UDS-6	17.50-17.95



BH-72/Sheet-1



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Co-ordinates E=672615.809
N=2479565.371

Field Test	Nos	Samples	Nos	Commencement Date : 16/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 17/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.981 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)
18.00m Medium dense to dense, yellowish brown, silty sand with kankars.		11	13	16	29		SPT-12	18.00-18.45
							DS-8	19.00
		19	32	70	>100		SPT-13	19.50-19.85
20.50m Highly weathered, pinkish white, fine grained, fractured rock. Obs. boulder.		00			5.0cm Pentn. Refusal		*SPT-14	20.50-20.54 20.50
21.25m					4.0cm Pentn.		R1	CR=27% RQD=NIL 21.25
					NX. drilling from 20.50m to 35.00m		R2	CR=29% RQD=NIL 22.00
							R3	CR=30% RQD=NIL 22.75
							R4	CR=33% RQD=NIL 23.50
							R5	CR=27% RQD=NIL 24.25
							R6	CR=25% RQD=NIL 25.00
							R7	CR=46% RQD=14% 25.75
							R8	CR=40% RQD=21% 26.50
							R9	CR=43% RQD=14% 27.25
							R10	CR=50% RQD=15% 28.00
							R11	CR=49% RQD=15% 28.75
							R12	CR=43% RQD=NIL 29.50
							R13	CR=45% RQD=NIL 30.25
30.25m Moderately weathered, greyish yellow, medium to coarse grained, fractured rock.							R14	CR=57% RQD=21% 31.00
31.40m Moderately weathered, reddish grey, fine to medium, grained, fractured rock.							R15	CR=50% RQD=33% 31.75
32.00m Moderately weathered, greyish yellow, coarse grained, fractured rock.							R16	CR=57% RQD=NIL 32.50
							R17	CR=52% RQD=17% 33.25
							R18	CR=50% RQD=NIL 34.00
34.00m Moderately weathered, grey, fine grained, fractured rock.							R19	CR=55% RQD=12% 35.00
35.00m N.B. - '*' means sample could not be recovered.								



BH-72/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 : 26/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.73

Co-ordinates E=672652.379
N=2479558.892

Field Test	Nos	Samples	Nos	Commencement Date : 18/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	6	Completion Date : 18/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 302.530 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)
Very stiff, reddish brown, clayey silt / silty clay with kankars.	0.00m								
								DS-1	0.50
								DS-2	1.00
						20		SPT-1	1.50-1.95
		7	10	10					
						21		UDS-1	2.50-2.95
		8	10	11				SPT-2	2.95-3.40
						22		DS-3	4.00
		8	11	11				SPT-3	4.50-4.95
						32		UDS-2	5.50-5.95
Hard, reddish brown, clayey silt / silty clay with kankars.	5.95m	10	13	19				SPT-4	5.95-6.40
						35		DS-4	7.00
		12	15	20				SPT-5	7.50-7.95
						33		UDS-3	8.50-8.95
		12	14	19				SPT-6	8.95-9.40
						23		DS-5	10.00
Medium dense to dense, yellowish grey, silty sand with kankars & gravel.	9.50m	9	10	13				SPT-7	10.50-10.95
						27		*UDS-4	11.50-11.95
		12	13	14				SPT-8	12.00-12.45
	13.00m							DS-6	13.00



BH-73/Sheet-1



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Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.73

Co-ordinates E=672652.379
N=2479558.892

Field Test	Nos	Samples	Nos	Commencement Date : 18/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	6	Completion Date : 18/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 302.530 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)
Medium dense to dense, yellowish grey, silty sand with kankars & gravel.		13	15	21	36		SPT-9	13.50-13.95
					36		*UDS-5	14.50-14.95
		14	16	20	36		SPT-10	15.00-15.45
							DS-7	16.00
		14	16	21	37		SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		15	17	20	37		SPT-12	18.00-18.45
							DS-8	19.00
		16	19	21	40		SPT-13	19.50-19.95
		23	32	50	>100		SPT-14	20.50-20.85
					5.0cm Pentn.	Refusal	*SPT-15	21.00-21.03 21.00
					3.0cm Pentn.	NX, drilling from 21.00m to 25.00m	R1	CR=22% RQD=NIL
					Refusal		R2	CR=NIL RQD=NIL
					Refusal		DS-9	21.75
Highly weathered, pinkish grey, fine grained, fractured rock. Obs. boulder.					Refusal	*SPT-16	22.50-22.53 22.50	
					3.0cm Pentn.	R3	CR=NIL RQD=NIL	
					Refusal	DS-10	23.25-23.29 23.25	
					4.0cm Pentn.	R4	CR=NIL RQD=NIL	
					Refusal	DS-11	24.00-24.05 24.00	
					5.0cm Pentn.	R5	CR=NIL RQD=NIL	
						DS-12	25.00	
N.B. - '*' means sample could not be recovered.								



BH-73/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.74

Co-ordinates E=672634.365
N=2479527.693

Field Test	Nos	Samples	Nos	Commencement Date : 19/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 20/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.704 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)
18.00m		12	15	19	34		SPT-12	18.00-18.45
Medium dense to dense, yellowish grey, silty sand. Obs. kankars & gravel.		13	16	20	36		DS-8	19.00
		19	21	60	>100		SPT-13	19.50-19.95
		00					SPT-14	20.50-20.85
21.00m							*SPT-15	21.00-21.03
Highly weathered, greyish yellow, medium to coarse grained, fractured rock.							R1	21.00-21.03
							R2	21.03-21.18
22.50m							R3	21.18-21.33
Highly weathered, greyish yellow, medium to coarse grained, fractured rock.							R4	21.33-21.48
							R5	21.48-21.63
							R6	21.63-21.78
							R7	21.78-21.93
							R8	21.93-22.08
							R9	22.08-22.23
							R10	22.23-22.38
							R11	22.38-22.53
							R12	22.53-22.68
							R13	22.68-22.83
							R14	22.83-22.98
							R15	22.98-23.13
							R16	23.13-23.28
							R17	23.28-23.43
							R18	23.43-23.58
33.75m							R19	23.58-23.73
Moderately weathered, light greenish yellow, coarse grained fractured rock.								23.73-23.88
35.00m								23.88-24.03
N.B. - '*' means sample could not be recovered.								



BH-74/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 : 26/04/2024

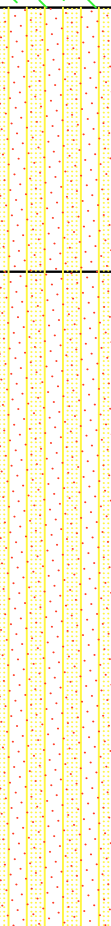
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.75

Co-ordinates E=672731.940
N=2479515.577

Field Test	Nos	Samples	Nos	Commencement Date : 12/04/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 13/04/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 298.475 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								DS-1	0.50
Stiff, reddish brown, clayey silt. Obs. kankars & sand mixture.								DS-2	1.00
		8	5	6		11		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		4	6	7		13		SPT-2	2.95-3.40
								DS-3	4.00
						13		SPT-3	4.50-4.95
						14		UDS-2	5.50-5.95
		5	6	8				SPT-4	5.95-6.40
4.50m						14		DS-4	7.00
Medium dense, light reddish brown, clayey silty sand. Obs. kankars.		4	6	8				SPT-5	7.50-7.95
						13		*UDS-3	8.50-8.95
		3	5	8				SPT-6	9.05-9.50
						20		DS-5	10.00
		7	10	10				SPT-7	10.50-10.95
						19		*UDS-4	11.50-11.95
		5	9	10				SPT-8	12.05-12.50
						22		DS-6	13.00
		6	9	13				SPT-9	13.50-13.95
		15.00m					26		SPT-10
N.B. - '*' means sample could not be recovered.									



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

BH-75/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.76

Co-ordinates E=672837.639
N=2479862.070

Field Test	Nos	Samples	Nos	Commencement Date : 05/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 06/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 299.109 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)
Very stiff, reddish brown, silty clay with sand & kankars.	0.00m								
								DS-1	0.50
								DS-2	1.00
						19		SPT-1	1.50-1.95
		7	9	10					
						20		UDS-1	2.50-2.95
		7	9	11				SPT-2	2.95-3.40
								DS-3	4.00
						28		SPT-3	4.50-4.95
		11	13	15					
Hard, reddish brown, silty clay with sand & kankars.	5.95m							UDS-2	5.50-5.95
		12	15	18				SPT-4	5.95-6.40
						33			
								DS-4	7.00
Medium dense, yellowish brown, silty sand with kankars.						31		SPT-5	7.50-7.95
		11	14	17					
	8.30m							*UDS-3	8.50-8.95
		6	7	8				SPT-6	9.05-9.50
						15		DS-5	10.00
		7	7	9		16		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		6	8	7		15		SPT-8	12.00-12.45
								DS-6	13.00
	13.50m								



BH-76/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.76

Co-ordinates E=672837.639
N=2479862.070

Field Test	Nos	Samples	Nos	Commencement Date : 05/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 06/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 299.109 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.		6	8	9		17	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
		6	8	10		18	SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		7	10	10		20	SPT-12	18.05-18.50
							DS-8	19.00
		7	10	11		21	SPT-13	19.50-19.95
							UDS-7	20.50-20.95
Medium dense, yellowish grey, silty sand with clay binder & decomposed rock fragments.		8	12	11		23	SPT-14	21.00-21.45
							DS-9	22.00
		8	12	13		25	SPT-15	22.50-22.95
Hard, yellowish grey, silty clay with decomposed rock fragments.		10	13	15		28	*UDS-8	23.50-23.95
							SPT-16	24.00-24.45
		13	18	21		39	SPT-17	25.00-25.45
N.B. - '*' means sample could not be recovered.								



BH-76/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.77

Co-ordinates E=672581.297
N=2479505.999

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.416 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 Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars, gravel & moorum.								DS-1	0.50
								DS-2	1.00
		7	8	10		18		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		9	9	10		19		SPT-2	2.95-3.40
								DS-3	4.00
		7	10	11		21		SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		5	11	15		26		SPT-4	5.95-6.40
								DS-4	7.00
8.95m Medium dense to dense, reddish brown, clayey silty sand. Obs. gravel.		10	12	12		24		SPT-5	7.45-7.90
								UDS-3	8.50-8.95
		14	14	12		26		SPT-6	8.95-9.40
								DS-5	10.00
11.00m Medium dense, reddish brown to yellowish brown, silty sand. Obs. gravel.		14	16	17		33		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		8	10	13		23		SPT-8	12.05-12.50
								DS-6	13.00
		7	11	13		24		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		8	12	15		27		SPT-10	15.00-15.45
18.00m								DS-7	16.00
		9	13	13		26		SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-77/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET**BORE HOLE NO.77**Co-ordinates E=672581.297
N=2479505.999

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.416 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.50m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars, gravel & moorum.		7	8	10					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
									SPT-5	7.45-7.90
8.95m										
Medium dense to dense, reddish brown, clayey silty sand. Obs. gravel.		14	14	12					UDS-3	8.50-8.95
									SPT-6	8.95-9.40
11.00m		14	16	17					DS-5	10.00
									SPT-7	10.50-10.95
		8	10	13					*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
		7	11	13					SPT-9	13.50-13.95
		8	12	15					*UDS-5	14.50-14.95
									SPT-10	15.00-15.45
									DS-7	16.00
		9	13	13					SPT-11	16.50-16.95
18.00m									*UDS-6	17.50-17.95



BH-77/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.77

Co-ordinates E=672581.297
N=2479505.999

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.416 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.50m

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense, reddish brown to yellowish brown, silty sand. Obs. gravel.		9	13	17	30		SPT-12	18.05-18.50
					30		DS-8	19.00
20.00m Hard, yellowish brown, silty clay with sand mixture, gravel & decomposed rock.		10	12	18	56		SPT-13	19.50-19.95
		15	21	35	>100		*UDS-7	20.50-20.60
		31	50				SPT-14	20.80-21.25
22.60m Highly weathered, whitish grey, fine grained, fractured rock. Obs. boulder.		100			10.0cm Pentn. Refusal		SPT-15	21.80-22.05
23.75m					3.0cm Pentn. NX, drilling from 22.60m to 35.00m		*SPT-16	22.60-22.63 22.60
							R1	CR=32% RQD=NIL 23.00
							R2	CR=29% RQD=NIL 23.75
							R3	CR=30% RQD=NIL 24.50
							R4	CR=34% RQD=NIL 25.25
							R5	CR=37% RQD=NIL 26.00
							R6	CR=39% RQD=NIL 26.75
							R7	CR=37% RQD=NIL 27.50
							R8	CR=40% RQD=NIL 28.25
							R9	CR=40% RQD=NIL 29.00
							R10	CR=36% RQD=NIL 29.75
							R11	CR=52% RQD=NIL 30.50
							R12	CR=39% RQD=NIL 31.25
							R13	CR=45% RQD=NIL 32.00
							R14	CR=35% RQD=NIL 32.75
							R15	CR=40% RQD=NIL 33.50
							R16	CR=33% RQD=NIL 34.25
							R17	CR=49% RQD=NIL 35.00
35.00m N.B. - '*' means sample could not be recovered.								



BH-77/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.78

Co-ordinates E=672554.522
N=2479537.094

Field Test	Nos	Samples	Nos	Commencement Date : 12/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 13/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.424 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.00 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, yellowish brown, silty sand / sandy silt with kankars.		19	25	25	50		SPT-12	18.00-18.45
					>100		*UDS-6	19.00-19.45
		19	25	70	5.0cm Pentn. Refusal		SPT-13	19.50-19.85
20.50m Highly weathered, greyish yellow, medium to coarse grained, fractured rock. Obs. boulder.					3.0cm Pentn. Refusal		*SPT-14	20.50-20.53
21.25m Highly weathered, greyish yellow, medium to coarse grained, fractured rock.					NX. drilling from 20.50m to 35.00m		R1	CR=29% RQD=NIL
							R2	CR=21% RQD=NIL
							R3	CR=22% RQD=NIL
							R4	CR=33% RQD=NIL
							R5	CR=30% RQD=NIL
							R6	CR=31% RQD=NIL
							R7	CR=30% RQD=NIL
							R8	CR=31% RQD=NIL
							R9	CR=27% RQD=NIL
							R10	CR=26% RQD=NIL
							R11	CR=37% RQD=NIL
							R12	CR=35% RQD=18%
							R13	CR=45% RQD=35%
30.25m Moderately weathered, greyish yellow, medium to coarse grained, fractured rock.							R14	CR=55% RQD=33%
							R15	CR=50% RQD=NIL
31.75m Moderately weathered, greyish yellow, medium to coarse grained, fractured rock.							R16	CR=49% RQD=14%
							R17	CR=50% RQD=31%
							R18	CR=47% RQD=26%
34.00m Moderately weathered, reddish brown, medium grained, fractured rock.							R19	CR=45% RQD=26%
35.00m N.B. - '*' means sample could not be recovered.								



BH-78/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.79

Co-ordinates	E=672508.208 N=2479525.283
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Field Test	Nos	Samples	Nos	Commencement Date :	29/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date :	30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground :	303.792 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	12.10 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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.79

Co-ordinates E=672508.208
N=2479525.283

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.792 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)
18.00m Medium dense to dense, yellowish brown, silty sand with kankars.		12	12	20	32			*UDS-6	18.00-18.45
								SPT-12	18.60-19.05
								DS-9	19.50
		10	13	21	34			SPT-13	20.00-20.45
20.50m Hard, brownish grey, silty clay with sand mixture & decomposed rock.		14	19	24	43			*UDS-7	21.00-21.10
								SPT-14	21.30-21.75
								DS-10	22.40
		12	20	25	45			SPT-15	23.10-23.55
								DS-11	24.00
24.40m Highly weathered, yellowish grey, fine grained, fractured rock.		100			Refusal			*SPT-16	24.20-24.24
		100			Refusal			*SPT-17	24.40-24.42
					4.0cm Pentn.			R1	CR=30% RQD=NIL
					2.0cm Pentn.			R2	CR=36% RQD=NIL
					NX, drilling from 24.40m to 35.00m			R3	CR=33% RQD=NIL
								R4	CR=40% RQD=NIL
								R5	CR=36% RQD=NIL
								R6	CR=37% RQD=NIL
								R7	CR=38% RQD=16%
								R8	CR=41% RQD=NIL
								R9	CR=40% RQD=NIL
								R10	CR=49% RQD=16%
								R11	CR=52% RQD=NIL
								R12	CR=50% RQD=NIL
								R13	CR=53% RQD=NIL
								R14	CR=54% RQD=NIL
31.75m Moderately weathered, light greenish grey fine grained to medium grained, fractured rock.									31.75
33.25m Moderately weathered, yellowish grey to light blackish grey, coarse to medium grained, fractured rock.									33.25
35.00m N.B. - '*' means sample could not be recovered.									35.00



BH-79/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.80

Co-ordinates E=672411.984
N=2479532.954

Field Test	Nos	Samples	Nos	Commencement Date : 03/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	5	Completion Date : 06/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	13	Level Of Ground : 303.980 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
						25		SPT-1	1.50-1.95
Very stiff, reddish brown, clayey silt with kankars.		8	11	14				UDS-1	2.50-2.95
						24		SPT-2	2.95-3.40
		9	10	14				DS-3	4.00
						28		SPT-3	4.50-4.95
		10	12	16				DS-4	5.00
						32		*UDS-2	5.50-5.80
06.00m		11	15	17				SPT-4	6.00-6.45
						33		DS-5	7.00
Hard, reddish brown, clayey silt with kankars.		12	14	19				SPT-5	7.50-7.95
						47		UDS-3	8.50-8.70
		16	20	27				SPT-6	8.70-9.15
						31		DS-6	10.00
10.30m		10	14	17				SPT-7	10.50-10.95
						33		*UDS-4	11.50-11.80
		11	14	19				SPT-8	12.00-12.45
								DS-7	13.00
Medium dense to dense, brownish grey, silty sand with gravel & kankars.						35		SPT-9	15.00-15.45
		12	15	20				*UDS-5	16.50-16.95
								DS-8	17.50
18.00m									



BH-80/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.80

Co-ordinates E=672411.984
N=2479532.954

Field Test	Nos	Samples	Nos	Commencement Date : 03/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	5	Completion Date : 06/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	13	Level Of Ground : 303.980 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.40 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m		13	14	20	34		SPT-10	18.00-18.45
							DS-9	19.00
		12	13	16	29		SPT-11	19.50-19.95
							DS-10	20.50
		13	15	17	32		SPT-12	21.00-21.45
					>100		DS-11	22.00
22.30m		32	70			5.0cm Pentn.	SPT-13	22.50-22.70
							DS-12	23.40
		16	19	20	39		SPT-14	24.00-24.45
							DS-13	25.00
		15	17	21	38		SPT-15	25.50-25.95
					>100		SPT-16	26.50-26.67
		27	80			2.0cm Pentn.	*SPT-17	27.00-27.03
						Refusal	R1	27.00
						3.0cm Pentn.	R2	27.75
27.00m						NX. drilling from 27.00m to 35.00m	R3	28.50
							R4	29.25
							R5	30.00
							R6	30.75
							R7	31.50
30.75m							R8	32.25
							R9	33.00
							R10	33.75
							R11	34.50
32.25m								35.00
35.00m								

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



BH-80/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.81

Co-ordinates E=672369.698
N=2479518.629

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	6	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 305.322 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Stiff, reddish brown, clayey silt with kankars.									DS-1	0.50
									DS-2	1.00
							14		SPT-1	1.50-1.95
		6	7	7						
									UDS-1	2.50-2.95
							15		SPT-2	2.95-3.40
Hard, reddish brown, clayey silt with kankars.		6	7	8						
									DS-3	4.00
							32		SPT-3	4.50-4.95
		13	16	16						
									UDS-2	5.50-5.95
Very stiff, reddish brown, clayey silt with kankars.									SPT-4	5.95-6.40
									DS-4	7.00
							25		SPT-5	7.50-7.95
		10	12	13						
									UDS-3	8.50-8.95
Medium dense to dense, brownish grey, silty sand with gravel & kankars.									SPT-6	8.95-9.40
									DS-5	10.00
							22			
		9	10	12					SPT-7	10.50-10.95
									*UDS-4	11.40-11.85
									SPT-8	12.00-12.45
									DS-6	13.00
							24		SPT-9	13.50-13.95
		9	12	14					*UDS-5	14.50-14.95
									SPT-10	15.00-15.45
									DS-7	16.00
									SPT-11	16.50-16.95
							26			
									*UDS-6	17.50-17.95
							29			
		10	14	15						
							30			
		11	14	16						
18.00m										



BH-81/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.81

Co-ordinates E=672369.698
N=2479518.629

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	6	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 305.322 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, brownish grey, silty sand with gravel & kankars.		11	15	17	32		SPT-12	18.00-18.45
					31		DS-8	19.00
		12	14	17			SPT-13	19.50-19.95
					33		DS-9	20.50
20.70m Hard, yellowish grey, clayey silt with decomposed rock fragments.		13	15	18			SPT-14	21.00-21.45
					37		DS-10	22.00
		15	17	20			SPT-15	22.50-22.95
					40		DS-11	23.50
		16	19	21			SPT-16	24.00-24.45
					>100		SPT-17	25.50-25.67
26.00m Highly weathered, yellow, medium grained, fractured rock. Obs. boulder.		32	70		2.0cm Pentn. Refusal		*SPT-18	26.00-26.03 26.00
26.75m Slightly weathered, yellowish grey, medium to coarse grained, fractured rock.		00			3.0cm Pentn. NX, drilling from 26.00m to 30.00m		R1	CR=34% RQD=NIL 26.75
							R2	CR=66% RQD=20% 27.50
							R3	CR=69% RQD=NIL 28.25
							R4	CR=65% RQD=30% 29.00
							R5	CR=61% RQD=15% 30.00
30.00m								

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



BH-81/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 : 26/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.82

Co-ordinates E=672348.076
N=2479488.632

Field Test	Nos	Samples	Nos	Commencement Date : 13/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 15/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 305.334 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)
18.00m Dense, light brown, silty sand with kankars.		11	18	16	34			*UDS-6 SPT-12 DS-9	18.00-18.45 18.60-19.05 19.50
20.00m Hard, brownish grey, silty clay with sand mixture & decomposed rock.		13	18	19	37			SPT-13	20.00-20.45
23.00m Very dense, yellowish grey, clayey silty sand.		16	27	29	42			*UDS-7 SPT-14 DS-10	21.00-21.10 21.30-21.75 22.50
25.00m Highly to moderately weathered, yellowish to yellowish grey, medium grained, fractured rock.		33	62		56			SPT-15 DS-11 SPT-16	23.00-23.45 24.00 24.50-24.70
31.00m Moderately weathered, yellowish grey to blackish grey, medium to fine grained, fractured rock.		100			>100			*SPT-17 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13	25.00-25.03 CR=29% RQD=NIL 25.75 CR=34% RQD=NIL 26.50 CR=37% RQD=NIL 27.25 CR=36% RQD=18% 28.00 CR=38% RQD=14% 28.75 CR=49% RQD=NIL 29.50 CR=42% RQD=17% 30.25 CR=52% RQD=18% 31.00 CR=50% RQD=16% 31.75 CR=49% RQD=28% 32.50 CR=54% RQD=32% 33.25 CR=64% RQD=32% 34.00 CR=71% RQD=39% 35.00
32.50m Moderately to slightly weathered, yellowish grey to blackish grey, medium to fine grained, fractured rock.									
35.00m N.B. - '*' means sample could not be recovered.									



BH-82/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 : 16/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.83

Co-ordinates E=672340.479
N=2479468.145

Field Test	Nos	Samples	Nos	Commencement Date : 09/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 10/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 305.612 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, reddish brown, silty sand with kankars.		11	15	21	36			*UDS-6	18.00-18.45
								SPT-12	18.60-19.05
19.20m		12	13	24	37			DS-9	19.50
								SPT-13	20.00-20.45
		14	17	24	41			*UDS-7	21.00-21.08
								SPT-14	21.20-21.65
		14	15	25	40			DS-10	22.00
								SPT-15	22.45-22.90
		13	18	26	44			DS-11	23.50
								SPT-16	24.20-24.65
		21	39	56	>100			DS-12	25.00
								SPT-17	25.50-25.82
26.00m Highly weathered, whitish grey, medium grained, fractured rock. Obs. boulder.		100			Refusal			*SPT-18	26.00-26.03
26.75m					2.0cm Pentn.			R1	26.00
					3.0cm Pentn.			R2	26.75
					NX, drilling from 26.00m to 35.00m			R3	27.50
								R4	28.25
								R5	29.00
								R6	29.75
								R7	30.50
								R8	31.25
								R9	32.00
32.00m Moderately weathered, light greenish grey, medium to fine grained, fractured rock.								R10	32.75
32.75m								R11	33.50
								R12	34.25
									35.00
35.00m Moderately to slightly weathered, light greenish grey, medium to fine grained, fractured rock.									

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



BH-83/Sheet-2



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.84

Co-ordinates E=672255.696
N=2479454.069

Field Test	Nos	Samples	Nos	Commencement Date : 05/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 06/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.973 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, silty clay with sand mixture & kankar.								DS-1	0.50
								DS-2	1.00
								SPT-1	1.45-1.90
								UDS-1	2.45-2.90
								SPT-2	2.90-3.35
								DS-3	4.00
4.50m								SPT-3	4.50-4.95
Hard, reddish brown, silty clay with sand mixture & kankar.									
								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
								SPT-6	8.95-9.40
12.70m									
								DS-5	10.00
								SPT-7	10.50-10.95
								DS-6	11.60
								*UDS-4	12.10-12.55
15.75m								SPT-8	12.70-13.15
								DS-7	13.50
								SPT-9	14.00-14.45
								*UDS-5	15.00-15.45



BH-84/Sheet-1



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.84

Co-ordinates E=672255.696
N=2479454.069

Field Test	Nos	Samples	Nos	Commencement Date : 05/05/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	8	Completion Date : 06/05/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	12	Level Of Ground : 307.973 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.40 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
15.75m		9	9	14	25		SPT-10	15.60-16.05
Medium dense, light brown, silty sand with kankar.							DS-8	16.50
		10	12	14	26		SPT-11	17.00-17.45
							*UDS-6	18.00-18.45
		10	11	17	28		SPT-12	18.60-19.05
19.30m							DS-9	19.50
Hard, brownish grey, silty clay with sand mixture & decomposed rock. Obs. mica.		8	13	18	31		SPT-13	20.00-20.45
							*UDS-7	21.00-21.45
		10	12	21	33		SPT-14	21.60-22.05
							DS-10	22.50
		12	13	19	32		SPT-15	23.05-23.50
							*UDS-8	24.00-24.10
		14	17	23	40		SPT-16	24.30-24.75
Very dense, brownish grey, silty clay with decomposed rock. Obs. clay binder.							DS-11	25.20
		15	16	22	38		SPT-17	26.00-26.45
							DS-12	27.00
		23	34	50	>100	5.0 cm Penth.	SPT-18	27.40-27.75
28.30m		100	100	10.0	>100	>100 cm Penth.	SPT-19	28.00-28.10
Highly weathered, yellowish grey, medium grained, fractured rock.		100	100	3.0	Refusal	Refusal	*SPT-20	28.30-28.33 28.30
							R1	CR=28% RQD=NIL
							R2	CR=35% RQD=13%
30.00m		NX. rotary drilling from 28.30m to 30.00m						
N.B. - '*' means sample could not be recovered.								



BH-84/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.85

Co-ordinates E=672341.768
N=2479436.232

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.643 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 to very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								14	UDS-1	1.50-1.95
		7	7	7					SPT-1	1.95-2.40
								17	DS-3	3.00
		7	8	9					SPT-2	3.50-3.95
								20	UDS-2	4.50-4.95
		8	9	11					SPT-3	4.95-5.40
								21	DS-4	6.00
		8	9	12					SPT-4	6.50-6.95
07.50m Medium dense to dense, light brown, silty sand with kankars. Obs. clay pocket in UDS-05.								22	UDS-3	7.50-7.95
		9	9	13					SPT-5	7.95-8.40
								22	DS-5	9.00
		10	9	13					SPT-6	9.45-9.90
								26	*UDS-4	10.50-10.95
		10	11	15					SPT-7	11.10-11.55
								28	UDS-5	12.00-12.45
		11	11	17					SPT-8	12.45-12.90
								27	DS-6	13.50
		10	12	15					SPT-9	14.00-14.45
								32	*UDS-6	15.00-15.45
18.00m		10	14	18					SPT-10	15.60-16.05
								33	DS-7	16.50
		9	13	20					SPT-11	17.00-17.45



BH-85/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.85

Co-ordinates E=672341.768
N=2479436.232

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.643 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.00m

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, light brown, silty sand with kankars. Obs. clay pocket in UDS-05.								*UDS-7	18.00-18.45
18.50m		8	11	17				SPT-12	18.60-19.05
Very stiff, brownish grey, silty clay with decomposed rock. Obs. sand mixture.								DS-8	19.50
		10	11	19				SPT-13	20.00-20.45
21.30m		11	17	25				*UDS-8	21.00-21.10
Hard, brownish grey, silty clay with decomposed rock. Obs. sand mixture.								SPT-14	21.30-21.75
								DS-9	22.40
23.80m		34	42	56				SPT-15	23.00-23.35
23.80m Highly weathered, reddish brown, medium grained, fractured rock. Obs. boulder.								*SPT-16	23.80-23.83
24.50m								R1	23.80
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.								R2	24.50
								R3	25.25
								R4	26.00
								R5	26.75
								R6	27.50
								R7	28.25
								R8	29.00
								R9	29.75
								R10	30.50
								R11	31.25
								R12	32.00
								R13	32.75
32.75m Moderately weathered, yellowish grey to blackish grey, medium to fine grained, fractured rock.								R14	33.50
33.50m								R15	34.25
Slightly weathered, yellowish grey to blackish grey, medium to fine grained, fractured rock.									35.00
35.00m									

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



BH-85/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET**BORE HOLE NO.86**Co-ordinates E=672389.473
N=2479450.809

Field Test	Nos	Samples	Nos	Commencement Date : 04/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.440 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										
Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									DS-1	0.50
									DS-2	1.00
							16		SPT-1	1.50-1.95
		5	7	9						
							23		UDS-1	2.50-2.95
		8	10	13					SPT-2	2.95-3.40
									DS-3	4.00
							37			
		7	14	23					SPT-3	4.50-4.95
4.50m										
Hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									*UDS-2	5.50-5.95
							50		SPT-4	5.95-6.40
		9	18	32						
									DS-4	7.00
							27		SPT-5	7.50-7.95
		10	13	14						
							23		UDS-3	8.50-8.95
		9	12	11					SPT-6	8.95-9.40
									DS-5	10.00
							26		SPT-7	10.50-10.95
11.00m										
Medium dense, reddish brown, clayey silty sand. Obs. kankars & gravel.									*UDS-4	11.50-11.95
							20		SPT-8	12.05-12.50
		7	10	10					DS-6	13.00
							17		SPT-9	13.50-13.95
		6	9	8						
									*UDS-5	14.50-14.95
							19		SPT-10	15.05-15.50
		7	8	11					DS-7	16.00
							25		SPT-11	16.50-16.95
		10	12	13						
18.00m									*UDS-6	17.50-17.95



BH-86/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.86

Co-ordinates E=672389.473
N=2479450.809

Field Test	Nos	Samples	Nos	Commencement Date : 04/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.440 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)
18.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		9	13	13	26		SPT-12	18.05-18.50
					29		DS-8	19.00
20.00m		11	14	15	69		SPT-13	19.50-19.95
		14	29	40	53		*UDS-7	20.50-20.60
					36		SPT-14	20.80-21.25
23.00m		13	21	32	>100		DS-9	21.80
					Refusal		SPT-15	22.50-22.95
					10.0cm Pentn.		DS-10	23.50
					2.0cm Pentn.		SPT-16	24.00-24.45
25.80m		40	60	100	NX, drilling from 25.80m to 35.00m		DS-11	25.00
26.50m							SPT-17	25.30-25.55
							*SPT-18	25.80-25.82
							R1	CR=48% RQD=NIL
							R2	CR=51% RQD=NIL
							R3	CR=60% RQD=NIL
							R4	CR=52% RQD=NIL
							R5	CR=59% RQD=NIL
							R6	CR=44% RQD=NIL
							R7	CR=51% RQD=NIL
							R8	CR=45% RQD=24%
							R9	CR=52% RQD=20%
32.50m							R10	CR=60% RQD=NIL
							R11	CR=60% RQD=43%
							R12	CR=62% RQD=30%
35.00m								



BH-86/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 : 16/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.87

Co-ordinates E=672438.264
N=2479498.097

Field Test	Nos	Samples	Nos	Commencement Date : 08/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	6	Completion Date : 10/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 304.691 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)
18.00m Medium dense to dense, brownish grey, silty sand with gravel & kankars.		13	16	19	35		SPT-12	18.00-18.45
					35		*UDS-6	19.00-19.45
		13	15	20			SPT-13	19.50-19.95
							DS-9	20.50
20.80m Hard, yellowish grey, clayey silt with sand mixture & decomposed rock fragments.		11	12	19	31		SPT-14	21.00-21.45
							DS-10	22.00
		11	18	20	38		SPT-15	22.50-22.95
							DS-11	23.50
		18	24	25	49		SPT-16	24.00-24.45
							DS-12	25.00
		31	70		>100		SPT-17	25.50-25.75
						10.0cm Pentn.		
						Refusal		
27.00m Moderately weathered, yellowish, medium to coarse grained, fractured rock.		00					*SPT-18	27.00-27.04
						4.0cm Pentn.	R1	27.00 CR=42% RQD=NIL
						NX, drilling from 27.00m to 35.00m	R2	27.75 CR=49% RQD=NIL
28.50m							R3	28.50 CR=51% RQD=NIL
							R4	29.25 CR=53% RQD=14%
							R5	30.00 CR=46% RQD=41%
							R6	30.75 CR=58% RQD=45%
							R7	31.50 CR=65% RQD=37%
32.25m							R8	32.25 CR=77% RQD=37%
							R9	33.00 CR=51% RQD=NIL
							R10	33.75 CR=71% RQD=55%
							R11	34.50 CR=61% RQD=50%
35.00m								35.00
N.B. - '*' means sample could not be recovered.								



BH-87/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.88

Co-ordinates E=672441.908
N=2479462.235

Field Test	Nos	Samples	Nos	Commencement Date : 05/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 07/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.787 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Stiff to very stiff, reddish brown, clayey silt. Obs. kankars.									DS-1	0.50
		3	4	4				8	SPT-1	1.00-1.45
									DS-2	2.00
		5	6	3				9	UDS-1	2.50-2.95
									SPT-2	2.95-3.40
		7	8	9				17	DS-3	4.00
									SPT-3	4.50-4.95
		9	9	9				18	UDS-2	5.50-5.95
									SPT-4	5.95-6.40
		9	10	10				20	DS-4	7.00
8.00m Medium dense, reddish brown, silty sand. Obs. kankars.									SPT-5	7.50-7.95
									*UDS-3	8.30-8.95
		10	10	11				21	SPT-6	9.45-9.90
									DS-5	10.10
		9	10	12				22	SPT-7	10.50-10.95
		8	11	14				25	*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
		10	13	13				26	DS-6	13.00
									SPT-9	13.50-13.95
		10	12	13				25	*UDS-5	14.50-14.95
									SPT-10	15.10-15.55
		12	12	15				27	DS-7	16.00
									SPT-11	16.50-16.95
18.00m									*UDS-6	17.50-17.95



BH-88/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.88

Co-ordinates E=672441.908
N=2479462.235

Field Test	Nos	Samples	Nos	Commencement Date : 05/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 07/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.787 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.80 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense, reddish brown, silty sand. Obs. kankars.		12	14	15	29		SPT-12	18.05-18.50
					38		DS-8	19.00
		13	17	21			SPT-13	19.50-19.95
					37		DS-9	20.50
Hard, yellowish brown, clayey silt / silty clay with decomposed rock.		9	15	22			*UDS-7	21.00-21.45
					>100		SPT-14	21.60-22.05
		14	100				DS-10	22.50
					2.0cm Pentn.		SPT-15	24.00-24.17
					Refusal			
Highly weathered, brownish grey, fine grained, fractured rock. Obs. boulder.					3.0cm Pentn.		*SPT-16	24.50-24.53
					NX, drilling from 24.50m to 30.00m		R1	CR=23% RQD=18%
							R2	CR=43% RQD=NIL
							R3	CR=31% RQD=NIL
							R4	CR=47% RQD=NIL
							R5	CR=39% RQD=NIL
							R6	CR=43% RQD=15%
							R7	CR=46% RQD=14%
								24.50 25.25 26.00 26.75 27.50 28.25 29.00 30.00



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

BH-88/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.89

Co-ordinates E=672497.112
N=2479480.929

Field Test	Nos	Samples	Nos	Commencement Date : 13/04/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 16/04/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.084 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		4	5	6			11	SPT-1	1.50-1.95
Stiff to very stiff, reddish brown, silty clay. Obs. kankars & sand mixture.								UDS-1	2.50-2.95
		3	8	8			16	SPT-2	2.95-3.40
								DS-3	4.00
4.50m		4	5	7			12	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		6	8	8			16	SPT-4	5.95-6.40
Stiff to very stiff, yellowish brown, clayey silt with sand. Obs. kankars.								DS-4	7.00
		7	11	9			20	SPT-5	7.50-7.95
								UDS-3	8.50-8.95
		7	10	13			23	SPT-6	8.95-9.40
								DS-5	10.00
		8	9	8			17	SPT-7	10.50-10.95
11.00m								*UDS-4	11.50-11.95
		11	12	14			26	SPT-8	12.05-12.50
								DS-6	13.00
		10	11	13			24	SPT-9	13.50-13.95
Medium dense, yellowish brown, silty sand. Obs. kankars.								*UDS-5	14.50-14.95
		9	9	8			17	SPT-10	15.05-15.50
								DS-7	16.00
		10	9	11			20	SPT-11	16.50-16.95
18.00m								*UDS-6	17.50-17.95



BH-89/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.89

Co-ordinates E=672497.112
N=2479480.929

Field Test	Nos	Samples	Nos	Commencement Date : 13/04/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 16/04/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.084 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		6	8	12	20		SPT-12	18.05-18.50
					22		DS-8	19.00
Very stiff, yellowish grey, silty clay with sand mixture. Obs. kankars.		6	10	12			SPT-13	19.50-19.95
					55		DS-9	20.50
21.60m Very dense, whitish grey, clayey silty sand.		15	20	35			*UDS-7	21.30-21.35
					>100		SPT-14	21.60-22.05
		42	58	5.0cm	Pentn.		DS-10	22.50
23.40m Completely weathered, light pinkish grey fine grained, fractured rock. Obs. boulder.		100			Refusal		SPT-15	23.00-23.20
		100			2.0cm	Pentn.	*SPT-16	23.40-23.42 23.40
		100			Refusal		R1	CR=15%/RQD=NIL
		100			3.0cm	Pentn.	*SPT-17	24.00-24.03 24.00
		100			Refusal		R2	CR=13% RQD=NIL
25.50m Completely to highly weathered, light yellowish grey, medium grained, fractured rock.		100			2.0cm	Pentn.	*SPT-18	24.75-24.77 24.75
		100			Refusal		R3	CR=11% RQD=NIL
		100			3.0cm	Pentn.	*SPT-19	25.50-25.53 25.50
		100			Refusal		R4	CR=16% RQD=NIL
		100			2.0cm	Pentn.	*SPT-20	26.25-26.27 26.25
		100			NX. drilling from 23.40m to 30.00m		R5	CR=19% RQD=NIL
27.75m Highly weathered, light yellowish grey, medium grained, fractured rock.							R6	CR=21% RQD=NIL
							R7	CR=39% RQD=NIL
							R8	CR=40% RQD=NIL
							R9	CR=37% RQD=NIL
30.00m								29.25 30.00

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



BH-89/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 : 16/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.90

Co-ordinates E=672538.843
N=2479496.115

Field Test	Nos	Samples	Nos	Commencement Date : 10/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 11/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.622 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)
18.00m Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		18	24	25	49		SPT-12	18.00-18.45
					>100		*UDS-6	19.00-19.45
		19	25	60	5.0cm Pentn. Refusal		SPT-13	19.50-19.85
20.50m Highly weathered, greyish yellow, medium to fine grained, fractured rock. Obs. boulder.		00			3.0cm Pentn. NX, drilling from 20.50m to 35.00m		*SPT-14	20.50-20.53
21.25m Highly to moderately weathered, greyish yellow, medium to fine grained, fractured rock.							R1	CR=38% RQD=NIL 20.50
							R2	CR=37% RQD=NIL 21.25
							R3	CR=26% RQD=NIL 22.00
							R4	CR=37% RQD=NIL 22.75
							R5	CR=35% RQD=NIL 23.50
							R6	CR=37% RQD=NIL 24.25
							R7	CR=47% RQD=14% 25.00
							R8	CR=43% RQD=18% 25.75
							R9	CR=37% RQD=NIL 26.50
							R10	CR=36% RQD=NIL 27.25
							R11	CR=48% RQD=NIL 28.00
							R12	CR=37% RQD=NIL 28.75
29.50m Moderately weathered, greyish yellow, medium to fine grained, fractured rock.							R13	CR=55% RQD=14% 29.50
							R14	CR=54% RQD=37% 30.25
							R15	CR=51% RQD=25% 31.00
31.75m Moderately weathered to fresh, grey, medium grained, fractured rock.							R16	CR=59% RQD=29% 31.75
							R17	CR=58% RQD=30% 32.50
							R18	CR=87% RQD=43% 33.25
							R19	CR=75% RQD=73% 34.00
35.00m N.B. - '*' means sample could not be recovered.								35.00



BH-90/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.91

Co-ordinates E=672311.568
N=2479396.397

Field Test	Nos	Samples	Nos	Commencement Date : 12/04/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 13/04/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	14	Level Of Ground : 307.323 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, 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
		6	9	9			18		SPT-2	2.95-3.40
									DS-3	4.00
		7	9	11			20		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		8	8	11			19		SPT-4	5.95-6.40
									DS-4	7.00
10.50m Hard, reddish brown, silty clay with sand mixture & kankars.									DS-5	10.00
		11	13	13			26		SPT-5	7.50-7.95
		11	12	15			27		UDS-3	8.50-8.80
									SPT-6	8.80-9.25
12.50m Medium dense to dense, light brown, silty sand with kankars.									DS-6	12.80
		12	15	19			34		SPT-7	10.50-10.95
		10	14	23			37		*UDS-4	11.50-11.58
									SPT-8	11.80-12.25
		10	11	14			25		DS-7	16.00
									SPT-9	13.50-13.95
18.00m		11	13	18			31		*UDS-5	14.50-14.95
									SPT-10	15.20-15.65
		13	15	24			39		DS-7	16.00
									SPT-11	16.50-16.95
									*UDS-6	17.50-17.95



BH-91/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 : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.91

Co-ordinates E=672311.568
N=2479396.397

Field Test	Nos	Samples	Nos	Commencement Date : 12/04/2024
Penetrometer (SPT)	20	Undisturbed (UDS)	7	Completion Date : 13/04/2024
Cone (Pc)		Penetrometer (SPT)	20	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	14	Level Of Ground : 307.323 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 to dense, light brown, silty sand with kankars.		12	16	22	38	SPT-12	18.10-18.55
					42	DS-8	19.00
20.00m		13	15	27		SPT-13	19.50-19.95
					47	DS-9	20.50
		12	19	28		*UDS-7	21.00-21.10
					46	SPT-14	21.30-21.75
		13	20	26		DS-10	22.40
					56	SPT-15	23.00-23.45
		15	24	32		DS-11	24.00
					49	SPT-16	24.00-24.45
		13	21	28		DS-12	25.00
					52	SPT-17	25.50-25.95
		13	22	30		DS-13	26.50
					>100	SPT-18	27.00-27.45
		32	68			DS-14	27.80
					Refusal	SPT-19	28.20-28.42
28.60m Highly to moderately weathered, yellowish to light grey, medium grained, fractured rock.					7.0cm Pentn.	*SPT-20	28.60-28.63
					3.0cm Pentn.	R1	CR=36% RQD=NIL
					NX. drilling from 28.60m to 30.00m	R2	CR=44% RQD=NIL
30.00m							28.60 ↓ 29.25 ↓ 30.00

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



BH-91/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.92

Co-ordinates E=672350.450
N=2479396.129

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.120 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)
0.00m										
Stiff to very stiff, reddish brown with sand mixture & kankars.									DS-1	0.50
		7	8	10				18	SPT-1	1.00-1.45
								21	UDS-1	2.00-2.45
		8	9	12					SPT-2	2.45-2.90
								15	DS-2	3.50
		7	7	8					SPT-3	4.00-4.45
								33	*UDS-2	5.00-5.45
5.60m		9	13	20					SPT-4	5.60-6.05
Hard, reddish brown with sand mixture & kankars.										
								32	DS-3	6.50
		11	13	19					SPT-5	7.00-7.45
								34	UDS-3	8.00-8.45
		10	12	22					SPT-6	8.45-8.90
									DS-4	9.50
		9	11	16				27	SPT-7	10.00-10.45
Medium dense to dense, light brown, silty sand. Obs. kankars.									*UDS-4	11.20-11.65
								29	SPT-8	12.00-12.45
		8	13	16						
								29	DS-5	13.00
		10	12	17					SPT-9	13.45-13.90
								33	*UDS-5	14.50-14.95
		10	14	19					SPT-10	15.10-15.55
									DS-6	16.00
								38	SPT-11	16.70-17.15
18.00m		11	15	23						



BH-92/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 : 12/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.92

Co-ordinates E=672350.450
N=2479396.129

Field Test	Nos	Samples	Nos	Commencement Date : 06/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 08/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.120 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)
18.00m Medium dense to dense, light brown, silty sand. Obs. kankars.								*UDS-6	17.80-18.25
		9	16	21			37	SPT-12	18.50-18.95
								DS-7	19.50
		10	13	23			36	SPT-13	20.00-20.45
								*UDS-7	21.00-21.10
		12	19	26			45	SPT-14	21.30-21.75
								DS-8	22.50
		14	21	29			50	SPT-15	23.00-23.45
								DS-9	24.00
		28	44	50			>100	SPT-16	24.60-24.92
								DS-10	25.30
		100					2.0cm Pentn. Refusal	*SPT-17	25.80-25.83
		100					3.0cm Pentn. Refusal	SPT-18	26.00-26.02
26.00m Highly to moderately weathered, yellowish grey to light grey, medium grained, fractured rock.								R1	26.00-26.02 CR=36% RQD=NIL
								R2	26.75 CR=33% RQD=NIL
								R3	27.50 CR=34% RQD=NIL
								R4	28.25 CR=32% RQD=16%
								R5	29.00 CR=36% RQD=17%
								R6	29.75 CR=38% RQD=22%
								R7	30.50 CR=36% RQD=25%
								R8	31.25 CR=46% RQD=NIL
								R9	32.00 CR=45% RQD=NIL
								R10	32.75 CR=46% RQD=28%
								R11	33.50 CR=50% RQD=NIL
								R12	34.25 CR=62% RQD=42%
32.00m Moderately weathered, light blackish grey, medium grained, fractured rock.									35.00
34.25m Slightly weathered, light blackish grey, medium grained, fractured rock.									
35.00m N.B. - '*' means sample could not be recovered.									



BH-92/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.93

Co-ordinates E=672389.869
N=2479382.731

Field Test	Nos	Samples	Nos	Commencement Date : 26/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	8	Completion Date : 28/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.434 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.65 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Stiff to hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.								DS-1	0.50
		4	5	7			12	UDS-1	1.00-1.45
								SPT-1	1.45-1.90
								DS-2	2.50
		9	13	15			28	SPT-2	3.00-3.45
								UDS-2	4.00-4.45
		12	14	22			36	SPT-3	4.45-4.90
								DS-3	5.50
		15	20	27			47	SPT-4	6.00-6.45
								UDS-3	7.00-7.45
8.50m Medium dense to dense, reddish brown, silty sand. Obs. gravel & kankars.		8	12	14			26	SPT-5	7.45-7.90
								DS-4	8.50
		10	10	13			23	*UDS-4	9.00-9.45
								SPT-6	9.55-10.00
								DS-5	10.50
		9	11	13			24	SPT-7	11.00-11.45
								*UDS-5	12.00-12.45
		10	12	15			27	SPT-8	12.55-13.00
								DS-6	13.50
		12	12	18			30	SPT-9	14.00-14.45
								*UDS-6	15.00-15.45
17.50m 18.00m		13	14	21			35	SPT-10	15.55-16.00
								DS-7	16.50
		11	14	19			33	SPT-11	17.00-17.45



BH-93/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.93

Co-ordinates E=672389.869
N=2479382.731

Field Test	Nos	Samples	Nos	Commencement Date : 26/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	8	Completion Date : 28/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.434 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.65 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Very stiff, brownish grey, clayey silt with sand mixture.		10	12	14	26			*UDS-7	18.00-18.45
								SPT-12	18.55-19.00
								DS-8	19.50
		9	11	16	27			SPT-13	20.00-20.45
								*UDS-8	21.00-21.45
21.55m Hard, brownish grey, clayey silt with sand mixture.		12	20	29	49			SPT-14	21.55-22.00
								DS-9	22.50
23.00m Highly weathered, light yellowish grey, medium grained, fractured rock. Obs. boulder.		00			Refusal			*SPT-15	23.00-23.03
23.75m					3.0cm Pentn.			R1	CR=28% RQD=NIL
					NX. drilling from 23.00m to 35.00m			R2	CR=24% RQD=NIL
								R3	CR=26% RQD=NIL
								R4	CR=34% RQD=NIL
								R5	CR=46% RQD=NIL
								R6	CR=52% RQD=NIL
								R7	CR=46% RQD=NIL
								R8	CR=53% RQD=NIL
								R9	CR=49% RQD=NIL
								R10	CR=42% RQD=NIL
30.50m Moderately weathered, light yellowish grey, medium grained, fractured rock.								R11	CR=53% RQD=NIL
31.25m								R12	CR=72% RQD=NIL
								R13	CR=62% RQD=36%
								R14	CR=58% RQD=18%
								R15	CR=76% RQD=69%
								R16	CR=70% RQD=37%
35.00m Slightly weathered, light yellowish brown to light grey, medium grained, fractured rock.									
N.B. - '*' means sample could not be recovered.									



BH-93/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 : 27/03/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.94

Co-ordinates E=672424.167
N=2479407.471

Field Test	Nos	Samples	Nos	Commencement Date : 22/03/2024
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 : 304.828 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Stiff to very stiff, brownish grey to reddish brown, clayey silt with sand mixture. Obs. boulder & moorum.									DS-1	0.50
		3	5	7			12		SPT-1	1.00-1.45
									DS-2	2.00
									UDS-1	2.50-2.95
		3	6	10			16		SPT-2	2.95-3.40
									DS-3	4.00
		5	7	12			19		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		10	20	30			50		SPT-4	5.95-6.40
									DS-4	7.00
Hard, reddish brown, clayey silt with sand mixture & traces of moorum. Obs. kankars.		10	21	25			46		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		14	21	24			45		SPT-6	9.05-9.50
									DS-5	10.00
		10	13	14			27		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		9	12	12			24		SPT-8	12.05-12.50
									DS-6	13.00
		8	11	13			24		SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
Medium dense to dense, reddish brown to yellowish brown, silty sand. Obs. kankars.		8	14	19			33		SPT-10	15.10-15.55
									DS-7	16.00
		8	14	21			35		SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
18.00m										



BH-94/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 : 27/03/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.94

Co-ordinates E=672424.167
N=2479407.471

Field Test	Nos	Samples	Nos	Commencement Date : 22/03/2024
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 : 304.828 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, reddish brown to yellowish brown, silty sand. Obs. kankars.		8	15	24	39		SPT-12	18.05-18.50
19.20m					43		DS-8	19.00
Hard, yellowish brown, clayey silt.		10	12	31			SPT-13	19.50-19.95
21.50m					>100		*UDS-7	20.50-20.60
		10	23	50			SPT-14	20.80-21.17
					7.0cm Pentn.		DS-9	21.50
Dense, yellowish brown, clayey silty sand with decomposed rock fragments.		10	17	24	41		SPT-15	22.00-22.45
					41		DS-10	22.80
		11	16	25			SPT-16	23.10-23.55
24.00m					Refusal		*SPT-17	24.00-24.03
Highly weathered, blackish grey to yellowish brown, medium grained, highly fractured rock.					3.0cm Pentn.		R1	CR=24% RQD=NIL
24.75m					NX. drilling from 24.00m to 35.00m		R2	CR=30% RQD=NIL
							R3	CR=38% RQD=NIL
							R4	CR=40% RQD=13%
							R5	CR=38% RQD=NIL
Highly to moderately weathered, blackish grey to yellowish brown, medium grained, highly fractured rock.							R6	CR=46% RQD=22%
							R7	CR=53% RQD=NIL
							R8	CR=50% RQD=NIL
							R9	CR=40% RQD=NIL
30.75m							R10	CR=38% RQD=NIL
Highly to moderately weathered, light grey, medium grained, fractured rock.							R11	CR=42% RQD=NIL
32.25m							R12	CR=60% RQD=40%
							R13	CR=56% RQD=28%
Moderately to slightly weathered, light grey, medium grained, fractured rock.							R14	CR=70% RQD=60%
35.00m								

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



BH-94/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 : 05/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.95

Co-ordinates E=672468.093
N=2479398.189

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 02/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.397 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								DS-1	0.50
								DS-2	1.00
						20		SPT-1	1.50-1.95
		5	8	12					
						22		UDS-1	2.50-2.95
Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.		6	9	13				SPT-2	2.95-3.40
						26		DS-3	4.00
		8	12	14				SPT-3	4.50-4.95
						47		UDS-2	5.50-5.95
5.50m		19	22	25				SPT-4	5.95-6.40
						34		DS-4	7.00
		7	14	20				SPT-5	7.50-7.95
						30		UDS-3	8.50-8.95
		8	12	18				SPT-6	8.95-9.40
						40		DS-5	10.00
		10	15	25				SPT-7	10.50-10.95
11.00m						20		*UDS-4	11.50-11.95
		7	8	12				SPT-8	12.05-12.50
						18		DS-6	13.00
		6	8	10				SPT-9	13.50-13.95
						32		*UDS-5	14.50-14.95
Medium dense to dense, reddish brown, silty sand. Obs. gravel & kankars.		8	12	20				SPT-10	15.05-15.50
						17		DS-7	16.00
		6	7	10				SPT-11	16.50-16.95
18.00m								*UDS-6	17.50-17.95



BH-95/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 : 05/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.95

Co-ordinates E=672468.093
N=2479398.189

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 02/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.397 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)
18.00m		5	6	8	14		SPT-12	18.05-18.50
							DS-8	19.00
		6	7	10	17		SPT-13	19.50-19.95
Medium dense to dense, reddish brown, silty sand. Obs. gravel & kankars.							*UDS-7	20.50-20.95
		9	9	11	20		SPT-14	21.05-21.50
							DS-9	22.00
		10	15	25	40		SPT-15	22.50-22.95
23.00m					55		*UDS-8	23.50-23.60
Hard, yellowish brown, clayey silt with sand mixture & decomposed rock.		22	25	30	Refusal		SPT-16	23.70-24.15
		100	2.0cm	Pentn.	Refusal		*SPT-17	24.30-24.32
24.40m		100	3.0cm	Pentn.	Refusal		*SPT-18	24.40-24.43
							R1	24.40-24.43
							R2	25.00
							R3	25.75
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.							R4	26.50
							R5	27.25
							R6	28.00
28.75m							R7	28.75
							R8	29.50
							R9	30.25
Moderately to slightly weathered, yellowish grey, medium grained, fractured rock.							R10	31.00
							R11	31.75
							R12	32.50
33.25m							R13	33.25
							R14	34.00
Moderately to slightly weathered, light grey, fine grained, fractured rock.								35.00
35.00m								

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



BH-95/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.96

Co-ordinates E=672495.526
N=2479444.506

Field Test	Nos	Samples	Nos	Commencement Date : 02/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 304.170 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.60 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense, reddish brown, silty sand. Obs. kankars.		8	9	12	21		SPT-12	18.00-18.45
18.45m							DS-8	19.00
Hard, yellowish brown, clayey silt with sand mixture.		9	16	28	44		SPT-13	19.50-19.95
							*UDS-7	20.50-20.60
							SPT-14	21.00-21.35
21.50m								
Highly weathered, pinkish white fine grained, fractured rock. Obs. boulder							*SPT-15	21.50-21.53
							R1	CR=23% RQD=NIL
							R2	CR=27% RQD=NIL
23.00m							R3	CR=16% RQD=NIL
Completely weathered, yellowish grey, fine to medium grained, fractured rock.							*SPT-16	23.75-23.78
23.75m							R4	CR=28% RQD=NIL
							R5	CR=25% RQD=NIL
							R6	CR=35% RQD=NIL
							R7	CR=57% RQD=40%
							R8	CR=50% RQD=NIL
							R9	CR=45% RQD=NIL
							R10	CR=29% RQD=NIL
							R11	CR=27% RQD=NIL
							R12	CR=31% RQD=NIL
30.50m							R13	CR=43% RQD=NIL
							R14	CR=46% RQD=NIL
							R15	CR=42% RQD=NIL
							R16	CR=40% RQD=NIL
							R17	CR=45% RQD=NIL
							R18	CR=45% RQD=NIL
35.00m								
N.B. - '*' means sample could not be recovered.								



BH-96/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.97

Co-ordinates	E=672512.567 N=2479409.404
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Field Test	Nos	Samples	Nos	Commencement Date : 19/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 21/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.304 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.80 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 : 27/03/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.97

Co-ordinates E=672512.567
N=2479409.404

Field Test	Nos	Samples	Nos	Commencement Date : 19/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 21/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.304 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 to yellowish brown, silty sand. Obs. gravel & mica.		12	14	17	31			SPT-12	18.50-18.95
Dense, yellowish brown, clayey silty sand with decomposed rock fragments. Obs. gravel & kankars.		14	14	20	34			*UDS-7	19.50-19.95
								SPT-13	20.05-20.50
								DS-9	21.00
21.50m Very dense, yellowish brown, clayey silty sand with decomposed rock fragments. Obs. gravel & kankars.		17	30	52	82			SPT-14	21.50-21.95
22.50m Highly weathered, yellowish brown to brownish grey, medium grained, fractured rock. Obs. boulder.								DS-10	22.20
								*SPT-15	22.50-22.53
								R1	22.50-22.53 CR=28% RQD=NIL
								R2	23.00-23.25 CR=34% RQD=NIL
								R3	23.25-24.00 CR=41% RQD=NIL
								R4	24.00-24.75 CR=45% RQD=NIL
								R5	24.75-25.50 CR=48% RQD=14%
								R6	25.50-26.25 CR=50% RQD=16%
								R7	26.25-27.00 CR=44% RQD=NIL
								R8	27.00-27.75 CR=53% RQD=NIL
								R9	27.75-28.50 CR=65% RQD=NIL
								R10	28.50-29.25 CR=69% RQD=13%
								R11	29.25-30.00 CR=65% RQD=NIL
								R12	30.00-30.75 CR=54% RQD=14%
								R13	30.75-31.50 CR=57% RQD=NIL
								R14	31.50-32.25 CR=69% RQD=17%
								R15	32.25-33.00 CR=70% RQD=NIL
								R16	33.00-33.75 CR=70% RQD=53%
								R17	33.75-34.50 CR=74% RQD=28%
35.00m N.B. - '*' means sample could not be recovered.									35.00



BH-97/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 : 09/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.98

Co-ordinates E=672566.824
N=2479456.100

Field Test	Nos	Samples	Nos	Commencement Date : 01/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 03/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.591 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, reddish brown, silty sand. Obs. gravel.		8	12	20	32			DS-8	18.50
								SPT-13	19.00-19.45
20.60m Hard, yellowish brown, clayey silt with sand mixture & decomposed rock.		12	18	35	53			*UDS-7	20.00-20.45
								SPT-14	20.60-21.05
		11	19	38	57			DS-9	21.50
								SPT-15	22.00-22.45
		18	38	50	>100			DS-10	22.70
								SPT-16	23.00-23.35
23.50m Highly weathered, yellowish brown, medium grained, fractured rock. Obs. boulder.		00			5.0cm Pentn. Refusal			*SPT-17	23.50-23.53
24.25m Highly weathered, yellowish brown, medium grained, fractured rock.					3.0cm Pentn. NX, drilling from 23.50m to 30.00m			R1	CR=24% RQD=NIL
								R2	CR=36% RQD=NIL
								R3	CR=49% RQD=NIL
								R4	CR=44% RQD=NIL
								R5	CR=50% RQD=13%
								R6	CR=45% RQD=NIL
								R7	CR=46% RQD=NIL
28.75m Moderately weathered, yellowish brown, medium grained, fractured rock.								R8	CR=53% RQD=NIL
30.00m								R9	CR=54% RQD=NIL

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



BH-98/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.99

Co-ordinates	E=672572.800 N=2479418.503
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Field Test	Nos	Samples	Nos	Commencement Date :	23/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date :	28/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground :	303.726 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 <										



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.99

Co-ordinates E=672572.800
N=2479418.503

Field Test	Nos	Samples	Nos	Commencement Date : 23/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 28/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.726 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)
18.00m Medium dense to dense, light brown silty sand. Obs. kankars.		12	13	19	32			SPT-12	18.10-18.55
					35			DS-10	19.00
20.00m Hard, brownish grey, silty clay with gravel & decomposed rock.		11	15	20				SPT-13	19.50-19.95
					>100			*UDS-7	20.50-20.95
21.50m Highly weathered, yellowish grey, medium grained, fractured rock. Obs. boulder		34	53		5.0cm Pentn. Refusal			SPT-14	21.10-21.30
22.25m		00			3.0cm Pentn.			*SPT-15	21.50-21.53
					NX, drilling from 21.50m to 35.00m			R1	CR=36% RQD=NIL
								R2	CR=34% RQD=NIL
								R3	CR=36% RQD=NIL
								R4	CR=33% RQD=NIL
								R5	CR=30% RQD=NIL
								R6	CR=30% RQD=NIL
								R7	CR=32% RQD=NIL
								R8	CR=33% RQD=NIL
								R9	CR=38% RQD=NIL
								R10	CR=42% RQD=13%
								R11	CR=44% RQD=NIL
								R12	CR=46% RQD=NIL
29.75m Moderately weathered, yellowish to light blackish grey, medium grained, fractured rock.								R13	CR=42% RQD=NIL
								R14	CR=47% RQD=NIL
32.00m								R15	CR=53% RQD=NIL
								R16	CR=57% RQD=14%
								R17	CR=64% RQD=33%
								R18	CR=68% RQD=40%
35.00m Moderately to slightly weathered, yellowish to light blackish grey, medium grained, fractured rock.									35.00
N.B. - '*' means sample could not be recovered.									



BH-99/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 : 10/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.100

Co-ordinates E=672610.243
N=2479468.153

Field Test	Nos	Samples	Nos	Commencement Date : 04/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 06/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.165 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.40 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
16.00m		6	12	13	25			SPT-11	16.50-16.95
Medium dense to dense, yellowish brown to reddish brown, silty sand. Obs. gravel.		5	15	15	30			*UDS-6	17.50-17.95
								SPT-12	18.05-18.50
								DS-8	19.00
		10	16	17	33			SPT-13	19.50-19.95
21.50m		11	11	15	26			*UDS-7	20.50-20.95
								SPT-14	21.05-21.50
		15	35	50	>100			SPT-15	22.00-22.34
22.50m		100			4.0cm Pentn. Refusal			*SPT-16	22.50-22.53 22.50
Highly to moderately weathered, yellowish brown, medium grained, fractured rock.					3.0cm Pentn. NX, drilling from 22.50m to 30.00m			R1	CR=26% RQD=NIL 23.25
								R2	CR=32% RQD=NIL 24.00
								R3	CR=36% RQD=NIL 24.75
								R4	CR=49% RQD=NIL 25.50
								R5	CR=44% RQD=NIL 26.25
								R6	CR=45% RQD=20% 27.00
								R7	CR=58% RQD=NIL 27.75
								R8	CR=68% RQD=25% 28.50
								R9	CR=67% RQD=NIL 29.25
								R10	CR=68% RQD=33% 30.00
27.00m									
30.00m									
N.B. - '*' means sample could not be recovered.									



BH-100/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.101

Co-ordinates E=672634.126
N=2479440.660

Field Test	Nos	Samples	Nos	Commencement Date : 30/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 31/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm. / N.X.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.212 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.60 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.									DS-1	0.50
									DS-2	1.00
		9	10	13			23		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		8	12	15			27		SPT-2	2.95-3.40
									DS-3	4.00
		10	13	16			29		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		13	16	18			34		SPT-4	5.95-6.40
									DS-4	7.00
5.50m Hard, reddish brown, clayey silt with sand mixture & kankar.									SPT-5	7.50-7.95
		12	16	20			36		*UDS-3	8.50-8.95
									SPT-6	9.10-9.55
		13	15	17			32		DS-5	10.00
									SPT-7	10.50-10.95
		12	11	19			30		*UDS-4	11.45-11.90
									SPT-8	12.10-12.55
		8	10	12			22		DS-6	13.00
									SPT-9	13.50-13.95
		7	9	11			20		*UDS-5	14.50-14.95
11.20m Medium dense, reddish brown, silty sand. Obs. kankar.									SPT-10	15.10-15.55
		7	10	13			23		DS-7	16.00
									SPT-11	16.50-16.95
15.70m Medium dense to dense, reddish brown, silty sand. Obs. kankar.										
		9	12	13			25			
17.80m										



BH-101/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.101

Co-ordinates E=672634.126
N=2479440.660

Field Test	Nos	Samples	Nos	Commencement Date : 30/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 31/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm. / N.X.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.212 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.60 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
17.80m Medium dense to dense, reddish brown, silty sand. Obs. kankar.		11	12	16	28	*UDS-6	17.60-18.05
						SPT-12	18.20-18.65
						DS-8	19.00
		10	15	16	31	SPT-13	19.50-19.95
20.80m Hard, yellowish grey, silty clay with decomposed rock particles.		13	19	23	42	*UDS-7	20.30-20.75
						SPT-14	21.00-21.45
						DS-9	22.00
		16	29	54	>100	SPT-15	22.50-22.83
						DS-10	23.30
		26	56		>100	SPT-16	23.80-24.00
24.20m Highly weathered, yellowish brown to light grey, medium grained, medium grained, fractured rock.		100			Refusal	*SPT-17	24.20-24.23 24.20
						R1	CR=21% RQD=NIL
						R2	CR=24% RQD=NIL
						R3	CR=28% RQD=NIL
						R4	CR=24% RQD=NIL
						R5	CR=25% RQD=NIL
28.00m Moderately weathered, light grey, medium grained, fractured rock.						R6	CR=46% RQD=14%
28.75m Slightly weathered, light grey, medium grained, fractured rock.						R7	CR=65% RQD=50%
30.00m						R8	CR=64% RQD=54%

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



BH-101/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 : 10/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.102

Co-ordinates E=672709.639
N=2479441.757

Field Test	Nos	Samples	Nos	Commencement Date : 04/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.825 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)
0.00m										
Very stiff, reddish brown, silty clay. Obs. kankars.									DS-1	0.50
									DS-2	1.00
								17		
		7	8	9					SPT-1	1.50-1.95
								19		
		9	8	11					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
								21		
Very stiff, light brown, clayey silt with sand & kankars.		9	9	12					SPT-3	4.50-4.95
								22		
		7	8	14					UDS-2	5.50-5.80
									SPT-4	5.80-6.25
								29		
		9	13	16					DS-4	7.00
								32		
Hard, light brown, clayey silt with sand & kankars.		10	15	17					UDS-3	8.50-8.80
									SPT-6	8.80-9.25
Medium dense to dense, reddish brown to light brown, silty sand. Obs. kankars.								22		
		6	9	13					DS-5	9.80
11.00m										



BH-102/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.102

Co-ordinates E=672709.639
N=2479441.757

Field Test	Nos	Samples	Nos	Commencement Date : 04/04/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 05/04/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.825 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, reddish brown to light brown, silty sand. Obs. kankars.										
									*UDS-4	11.50-11.95
		7	8	15					SPT-8	12.10-12.55
									DS-6	13.00
		12	12	16					SPT-9	13.50-13.95
									*UDS-5	14.55-15.00
		11	14	19					SPT-10	15.20-15.65
									DS-7	16.00
		13	14	20					SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		11	15	19					SPT-12	18.10-18.55
									DS-8	19.00
		13	15	23					SPT-13	19.30-19.75
		12	16	25					SPT-14	20.00-20.45



BH-102/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.103

Co-ordinates	E=672760.740 N=2479458.117
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Field Test	Nos	Samples	Nos	Commencement Date :	08/04/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	13	Undisturbed (UDS)	6	Completion Date :	09/04/2024
		Penetrometer (SPT)	13	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	8	Level Of Ground :	298.534 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	10.20 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 : 13/04/2024

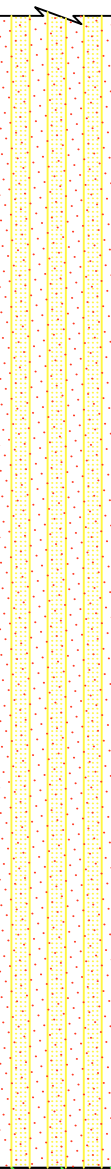
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.103

Co-ordinates E=672760.740
N=2479458.117

Field Test	Nos	Samples	Nos	Commencement Date : 08/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 09/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.534 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)
11.00m Medium dense to dense, light reddish brown to yellowish brown, silty clay with sand mixture. Obs. kankars.								*UDS-4	11.50-11.95
		14	16	25	41			SPT-8	12.05-12.50
								DS-6	13.00
		12	15	13	28			SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		10	10	12	22			SPT-10	15.05-15.50
								DS-7	16.00
		9	9	11	20			SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		12	13	16	29			SPT-12	18.05-18.50
19.00m Hard, yellowish brown, silty clay with sand mixture. Obs. kankars.								DS-8	19.00
		14	16	18	34			SPT-13	20.00-20.45
20.45m									
N.B. - '*' means sample could not be recovered.									



BH-103/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.104

Co-ordinates	E=672771.414 N=2479412.984
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Field Test	Nos	Samples	Nos	Commencement Date :	09/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date :	10/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter :	150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground :	298.650 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 : T.SAHA

Created on : 16/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.104

Co-ordinates E=672771.414
N=2479412.984

Field Test	Nos	Samples	Nos	Commencement Date : 09/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 10/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.650 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)
11.00m Medium dense, yellowish brown, silty sand. Obs. kankars.									*UDS-4	11.50-11.95
		6	8	11				19	SPT-8	12.05-12.50
									DS-6	13.00
		8	9	10				19	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		7	10	13				23	SPT-10	15.05-15.50
									DS-7	16.00
		8	9	12				21	SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		10	11	15				26	SPT-12	18.05-18.50
18.50m Hard, yellowish grey, silty clay with sand mixture.									DS-8	19.00
		14	15	18				33	SPT-13	20.00-20.45
20.45m										
N.B. - '*' means sample could not be recovered.										



BH-104/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 : 16/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.105

Co-ordinates E=672789.205
N=2479373.982

Field Test	Nos	Samples	Nos	Commencement Date : 11/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 12/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.663 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 brown, clayey silt. Obs. kankars & sand mixture.									DS-1	0.50
									DS-2	1.00
								19	SPT-1	1.50-1.95
		6	9	10						
Very stiff, light reddish brown, clayey silt with sand mixture. Obs. kankars.									UDS-1	2.50-2.95
								22	SPT-2	2.95-3.40
		8	11	11						
4.50m										
Very stiff, light reddish brown, clayey silt with sand mixture. Obs. kankars.										
								23	SPT-3	4.50-4.95
		9	13	10						
Medium dense, yellowish brown, silty sand. Obs. kankars.									UDS-2	5.50-5.95
								25	SPT-4	5.95-6.40
		11	14	11						
7.50m										
Medium dense, yellowish brown, silty sand. Obs. kankars.										
								15	SPT-5	7.50-7.95
		4	6	9						
Medium dense, yellowish brown, silty sand. Obs. kankars.									*UDS-3	8.50-8.95
								13	SPT-6	9.05-9.50
		3	6	7						
Medium dense, yellowish brown, silty sand. Obs. kankars.									DS-4	7.00
11.00m										
Medium dense, yellowish brown, silty sand. Obs. kankars.										
								21	SPT-7	10.50-10.95
		7	10	11						



BH-105/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 : 16/04/2024

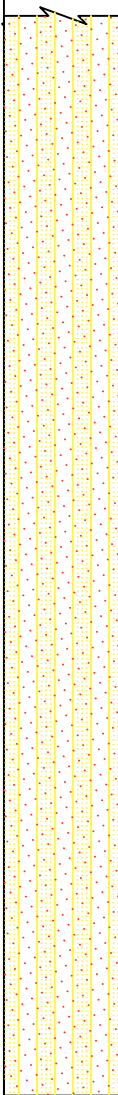
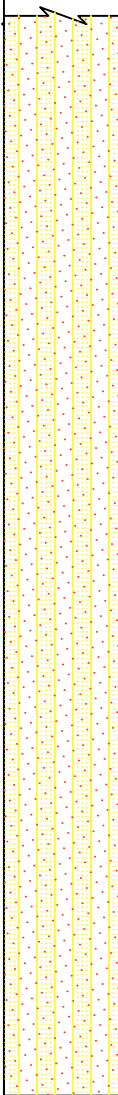
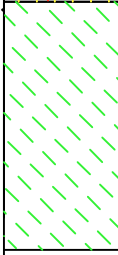
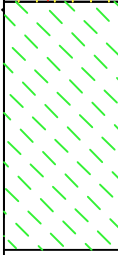
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.105

Co-ordinates E=672789.205
N=2479373.982

Field Test	Nos	Samples	Nos	Commencement Date : 11/04/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 12/04/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 298.663 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)
11.00m									
Medium dense, yellowish brown, silty sand. Obs. kankars.		6	9	10		19		*UDS-4	11.50-11.95
								SPT-8	12.05-12.50
								DS-6	13.00
		8	9	11		20		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		7	11	14		25		SPT-10	15.05-15.50
								DS-7	16.00
		8	7	11		18		SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		10	12	16		28		SPT-12	18.05-18.50
18.50m									
Hard, yellowish grey, silty clay with sand mixture. Obs. kankars.								DS-8	19.00
		13	15	17		32		SPT-13	20.00-20.45
20.45m									
N.B. - '*' means sample could not be recovered.									



BH-105/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 : 08/04/2024

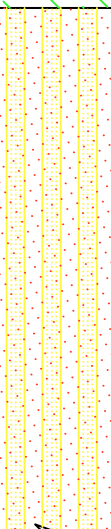
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.106

Co-ordinates E=672738.488
N=2479358.927

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.172 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.65 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. kankars.									DS-1	0.50
		4	6	6			12		SPT-1	1.00-1.45
									DS-2	2.00
		5	5	9			14		UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
05.50m Hard, reddish brown, silty clay with sand mixture. Obs. kankars.		8	13	15			28		SPT-3	4.50-4.95
									UDS-2	5.50-5.80
		12	15	21			36		SPT-4	6.00-6.45
		13	15	23			38		DS-4	7.00
08.50m Medium dense to dense, light brown, silty sand. Obs. kankars.									DS-5	10.00
		15	19	24			43		SPT-6	8.95-9.40
									UDS-3	8.50-8.90
		10	13	17			30		SPT-7	10.50-10.95
									UDS-4	11.60-12.05
		11	12	17			29		SPT-8	12.20-12.65
13.00m									DS-6	13.00





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.106

Co-ordinates E=672738.488
N=2479358.927

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.172 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.65 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES		
		EACH DIVN=15CM								Ref. No	Depth (m)	
Medium dense to dense, light brown, silty sand. Obs. kankars.		9	12	16		<u>28</u>				SPT-9	13.60-14.05	
										*UDS-5	14.50-14.95	
		12	14	20		<u>34</u>				SPT-10	15.20-15.65	
										DS-7	16.00	
		11	13	19		<u>32</u>				SPT-11	16.50-16.95	
										*UDS-6	17.50-17.95	
		12	14	21		<u>35</u>				SPT-12	18.05-18.50	
										DS-8	19.40	
		12	15	21		<u>36</u>				SPT-13	20.00-20.45	
N.B. - '*' means sample could not be recovered.												



BH-106/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 : 10/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.107

Co-ordinates E=672704.710
N=2479401.019

Field Test	Nos	Samples	Nos	Commencement Date : 02/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 03/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.028 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 sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								13	SPT-1	1.50-1.95
		6	7	6						
								14	UDS-1	2.50-2.95
		4	7	7					SPT-2	2.95-3.40
									DS-3	4.00
								18	SPT-3	4.50-4.95
		5	9	9						
								21	UDS-2	5.50-5.95
6.50m Very stiff, light brownish grey, clayey silt with sand & kankars.		7	10	11					SPT-4	5.95-6.40
									DS-4	7.00
								22	SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		8	12	12				24	SPT-6	8.95-9.40
									DS-5	10.00
10.00m Medium dense to dense, light brown, silty sand with kankars.										
								28	SPT-7	11.20-11.65
		9	13	15					*UDS-4	12.30-12.75
								29	SPT-8	13.00-13.45
		10	12	17					DS-6	14.00
								23	SPT-9	14.50-14.95
16.00m		8	10	13					*UDS-5	15.40-15.85



BH-107/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.108

Co-ordinates E=672672.725
N=2479388.618

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 01/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.074 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, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
		4	5	5			10	SPT-1	1.50-1.95
								DS-3	2.50
								UDS-1	3.00-3.45
		5	6	7			13	SPT-2	3.45-3.90
								DS-4	4.50
05.00m Hard, reddish brown, silty clay with sand mixture & kankars.		13	17	21			38	SPT-3	5.00-5.45
		12	18	25			43	UDS-2	6.00-6.30
								SPT-4	6.30-6.75
								DS-5	7.30
		10	14	21			35	SPT-5	8.00-8.45
		11	15	22			37	UDS-3	9.00-9.40
								SPT-6	9.40-9.85
								DS-6	10.30
11.50m Medium dense to dense, light brown, silty sand with kankars & gravel.		8	13	19			32	SPT-7	10.80-11.25
		10	14	12			26	*UDS-4	12.00-12.45
								SPT-8	12.60-13.05
								DS-7	13.50
		8	13	14			27	SPT-9	14.00-14.45
		10	15	20			35	*UDS-5	15.00-15.45
								SPT-10	15.60-16.05
								DS-8	16.50
18.00m		9	13	16			29	SPT-11	17.00-17.45



BH-108/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.108

Co-ordinates E=672672.725
N=2479388.618

Field Test	Nos	Samples	Nos	Commencement Date : 30/03/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 01/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.074 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)
18.00m Medium dense to dense, light brown, silty sand with kankars & gravel.		10	12	18	30			*UDS-6 SPT-12 DS-9	18.10-18.55 18.70-19.15 19.80
21.50m Hard, brownish grey silty clay with gravel. Obs. decomposed rock.		12	16	21	37			SPT-13	20.50-20.95
23.00m Highly weathered, reddish to yellowish grey, medium grained, fractured rock. Obs. boulder.		9	13	18	31			*UDS-7 SPT-14 DS-10 SPT-15 *SPT-16	21.40-21.50 21.70-22.15 22.40 22.60-22.80 23.00-23.03
23.75m Highly weathered, reddish to yellowish grey, medium grained, fractured rock.		42	50	5.0cm Pentn.	Refusal			R1	23.00
25.00m Highly weathered, reddish to yellowish grey, medium grained, fractured rock.		100	3.0cm Pentn.	NX. drilling from 23.00m to 25.00m				R2 R3	23.75 24.50 25.00

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



BH-108/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 : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.109

Co-ordinates E=672674.884
N=2479359.120

Field Test	Nos	Samples	Nos	Commencement Date : 27/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 29/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.670 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 12.30 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
		3	5	7			12		SPT-1	1.00-1.45
									DS-2	2.00
									UDS-1	2.50-2.95
		5	9	12			21		SPT-2	2.95-3.40
									DS-3	4.00
		8	12	15			27		SPT-3	4.50-4.95
5.50m Hard, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									UDS-2	5.50-5.95
		9	16	21			37		SPT-4	5.95-6.40
									DS-4	7.00
		8	16	23			39		SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		9	18	26			44		SPT-6	8.95-9.40
									DS-5	10.00
		11	16	18			34		SPT-7	10.50-10.95
11.00m Medium dense, yellowish brown, silty sand. Obs. kankars.									*UDS-4	11.50-11.95
		6	7	9			16		SPT-8	12.05-12.50
									WS-1	12.30
									DS-6	13.00
13.00m										



BH-109/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.109

Co-ordinates E=672674.884
N=2479359.120

Field Test	Nos	Samples	Nos	Commencement Date : 27/03/2024
Penetrometer (SPT)	13	Undisturbed (UDS)	6	Completion Date : 29/03/2024
Cone (Pc)		Penetrometer (SPT)	13	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.670 M.
		Water Sample (WS)	1	Water Struck At : Standing Water Level : 12.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand. Obs. kankars.		8	10	11					SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		7	9	8					SPT-10	15.05-15.50
									DS-7	16.00
		9	5	12					SPT-11	16.50-16.95
Hard, light brown, silty clay with sand mixture. Obs. decomposed rock.		10	11	13					*UDS-6	17.50-17.95
									SPT-12	18.05-18.50
									DS-8	19.30
		7	13	19					SPT-13	20.00-20.45

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



BH-109/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 : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.111

Co-ordinates E=672583.839
N=2479383.438

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 31/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.561 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.15 m

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Stiff, reddish brown, clayey silt with sand mixture & kankars.									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
7.30m										
Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars.									DS-5	7.50
									SPT-5	8.00-8.45
09.05m										
Medium dense, reddish brown, silty sand.									UDS-3	9.05-9.50
									SPT-6	9.50-9.95
									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
14.00m										
Medium dense to dense, reddish brown, silty sand. Obs. kankars & gravel.									*UDS-5	15.00-15.45
									SPT-10	15.60-16.05
									DS-8	16.50
									SPT-11	17.00-17.45
18.00m										



BH-111/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.111

Co-ordinates E=672583.839
N=2479383.438

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 31/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.561 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.15 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.		10	15	23	38			*UDS-6 SPT-12 DS-9	18.05-18.50 18.60-19.05 19.50
21.00m Hard, yellowish brown, clayey silt with sand mixture & decomposed rock.		12	15	20	35			SPT-13 DS-10	20.00-20.45 21.00
22.30m Highly weathered, yellowish brown, medium grained, fractured rock. Obs. boulder.		13	35	52	>100			*UDS-7 SPT-14	21.50-21.60 21.70-22.05
22.30m Highly to moderately weathered, yellowish brown, medium grained, fractured rock.		100			5.0cm Pentn. Refusal 3.0cm Pentn. NX, drilling from 22.30m to 35.00m			*SPT-15 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17	22.30-22.33 CR=35% RQD=NIL 23.00 23.75 24.50 25.25 26.00 26.75 27.50 28.25 29.00 29.75 30.50 31.25 32.00 32.75 33.50 34.25 35.00
26.75m Highly to moderately weathered, brownish grey to grey, medium grained, fractured rock.									
31.25m Moderately weathered, brownish grey to grey, medium grained, fractured rock.									
35.00m N.B. - '*' means sample could not be recovered.									



BH-111/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.112

Co-ordinates E=672544.259
N=2479371.795

Field Test	Nos	Samples	Nos	Commencement Date : 14/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 18/03/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	15	Level Of Ground : 304.097 M.
		Water Sample (WS)	1	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
							11	UDS-1	1.50-1.95
		5	5	6				SPT-1	1.95-2.40
								DS-3	3.00
							17	SPT-2	3.50-3.95
		6	7	10				DS-4	4.20
							19	UDS-2	4.50-4.95
		8	9	10				SPT-3	4.95-5.40
							23	DS-5	6.00
9.50m Medium dense, yellowish brown, clayey silty sand. Obs. kankars & gravel.								SPT-4	6.50-6.95
							27	UDS-3	7.50-7.95
		9	12	15				SPT-5	7.95-8.40
							24	DS-6	9.00
		9	12	12				SPT-6	9.50-9.95
							24	DS-7	10.20
13.50m Loose to medium dense / dense, yellowish grey, silty sand.		10	10	14				UDS-4	10.50-10.95
							23	SPT-7	10.95-11.40
		9	11	12				DS-8	12.00
							24	SPT-8	12.50-12.95
								WS-1	13.50
							24	UDS-5	13.50-13.95
18.00m		9	10	14				SPT-9	13.95-14.40
							28	DS-9	15.00
		10	12	16				SPT-10	15.50-15.95
							9	DS-10	16.50
		5	4	5				UDS-6	17.00-17.45
								*SPT-11	17.45-17.90



BH-112/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.112

Co-ordinates E=672544.259
N=2479371.795

Field Test	Nos	Samples	Nos	Commencement Date : 14/03/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 18/03/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	15	Level Of Ground : 304.097 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 13.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Loose to medium dense / dense, yellowish grey, silty sand.		6	5	7	12			DS-11	18.50
								SPT-12	19.00-19.45
								DS-12	20.00
								*UDS-7	20.50-20.95
Very dense, yellowish brown, clayey silty sand with decomposed rock particles. Obs. kankars & gravel.		13	14	17	31			SPT-13	21.00-21.45
								SPT-14	22.00-22.35
22.00m Moderately weathered, light reddish brown, medium grained, fractured rock. Obs. boulder.		23	32	45	>100	5.0cm Pentn.		*SPT-15	22.40-22.43
22.40m		100				Refusal		R1	CR=46% RQD=NIL
23.15m Completely weathered, reddish brown, medium grained, decomposed rock collected as sludge.		100				Refusal		R2	CR=NIL RQD=NIL
								DS-13	RQD=NIL
24.65m						2.0cm Pentn.		*SPT-16	23.90-23.92
								R3	CR=23% RQD=NIL
								R4	CR=30% RQD=NIL
								R5	CR=34% RQD=NIL
								R6	CR=32% RQD=NIL
								R7	CR=28% RQD=NIL
								R8	CR=36% RQD=NIL
								R9	CR=33% RQD=NIL
								R10	CR=34% RQD=NIL
								R11	CR=42% RQD=NIL
								R12	CR=65% RQD=NIL
30.65m Slightly weathered, yellowish grey, medium grained, fractured rock.								R13	CR=NIL RQD=NIL
31.40m Completely weathered, light blackish grey, coarse grained, decomposed & disintegrated rock fragments collected as sludge.		100				Refusal		DS-14	CR=NIL RQD=NIL
								*SPT-17	32.15-32.17
						2.0cm Pentn.		R14	CR=NIL RQD=NIL
32.90m Highly to moderately weathered, light blackish grey to light yellowish grey, medium grained, fractured rock.		100				Refusal		DS-15	CR=NIL RQD=NIL
								*SPT-18	32.90-32.93
						3.0cm Pentn.		R15	CR=35% RQD=NIL
								R16	CR=46% RQD=NIL
34.40m Moderately weathered, light blackish grey to light yellowish grey, medium grained, fractured rock.								R17	CR=53% RQD=51%
35.00m									



BH-112/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.113

Co-ordinates	E=6712514.073 N=2479345.524
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Field Test	Nos	Samples	Nos	Commencement Date :	14/03/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	17	Undisturbed (UDS)	7	Completion Date :	18/03/2024
		Penetrometer (SPT)	17	Bore Hole Diameter :	150 mm./N.X
		Disturbed (DS)	14	Level Of Ground :	304.459 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	14.00 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.113**Co-ordinates E=6712514.073
N=2479345.524

Field Test	Nos	Samples	Nos	Commencement Date : 14/03/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 18/03/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	14	Level Of Ground : 304.459 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense to dense, yellowish grey, 18.30m clayey silty sand.		8	10	12	22			SPT-12	18.50-18.95
Medium dense, yellowish brown, clayey silty sand.		6	8	12	20			*UDS-7 SPT-13	19.40-19.85 19.95-20.40
21.00m		10	12	23	35			DS-12 *SPT-14	21.00 21.50-21.95
Medium dense to dense, yellowish brown, silty sand with decomposed rock particles. Obs. boulder.		11	13	15	28			DS-13 *SPT-15	22.50 23.00-23.45
Very dense, yellowish brown, silty sand with decomposed rock particles. Obs. boulder.		17	28	52	80			DS-14 SPT-16	23.70 24.00-24.45
24.00m 24.70m		100						*SPT-17	24.70-24.73 24.70
Highly weathered, yellowish grey, medium grained, fractured rock.								R1	CR=21% RQD=NIL 25.45
26.20m								R2	CR=26% RQD=NIL 26.20
								R3	CR=80% RQD=NIL 26.95
								R4	CR=81% RQD=19% 27.40
								R5	CR=96% RQD=NIL 28.15
								R6	CR=80% RQD=45% 28.90
								R7	CR=90% RQD=NIL 29.65
								R8	CR=98% RQD=21% 30.40
								R9	CR=98% RQD=20% 31.90
31.90m								R10	CR=87% RQD=19% 33.40
								R11	CR=81% RQD=37% 35.00
35.00m									
N.B. - '*' means sample could not be recovered.									



BH-113/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.114

Co-ordinates	E=672475.409 N=2479357.006
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Field Test	Nos	Samples	Nos	Commencement Date :	19/03/2024
				Completion Date :	21/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Bore Hole Diameter :	150 mm./N.X
Cone (Pc)		Penetrometer (SPT)	15	Level Of Ground :	304.640 M.
		Disturbed (DS)	11	Water Struck At :	
Vane (V)		Water Sample (WS)	0	Standing Water Level :	13.60 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.114

Co-ordinates E=672475.409
N=2479357.006

Field Test	Nos	Samples	Nos	Commencement Date : 19/03/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	7	Completion Date : 21/03/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.640 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.00m Medium dense, reddish brown to yellowish brown, clayey silty sand with decomposed rock.		4	5	5	10			SPT-12	18.50-18.95
					14			*UDS-7	19.50-19.95
		5	6	8				SPT-13	20.05-20.50
					Refusal				
21.00m Highly weathered, yellowish grey, medium grained, fractured rock. Obs. boulder.		100						*SPT-14	21.00-21.03 21.00
21.75m Completely weathered, yellowish grey, medium grained, decomposed rock collected as sludge.					Refusal			R1	CR=40% RQD=NIL 21.75
22.50m Highly weathered, yellowish grey, medium grained, fractured rock.		100						DS-11	CR=NIL RQD=NIL 22.50
23.25m Moderately weathered, light yellowish grey, medium grained, fractured rock.					2.0cm Pentn.			*SPT-15	22.50-22.52 22.50
24.75m Moderately to slightly weathered, light yellowish grey, medium grained, fractured rock.					NX, drilling from 21.00m to 35.00m			R3	CR=28% RQD=NIL 23.25
								R4	CR=40% RQD=NIL 24.00
								R5	CR=46% RQD=NIL 24.75
								R6	CR=53% RQD=NIL 25.50
								R7	CR=60% RQD=NIL 26.25
								R8	CR=56% RQD=NIL 27.00
								R9	CR=54% RQD=NIL 27.75
								R10	CR=65% RQD=NIL 28.50
								R11	CR=72% RQD=16% 29.25
								R12	CR=69% RQD=29% 30.00
								R13	CR=67% RQD=25% 30.75
								R14	CR=68% RQD=28% 31.50
								R15	CR=68% RQD=NIL 32.25
								R16	CR=60% RQD=NIL 33.00
								R17	CR=61% RQD=NIL 34.00
								R18	CR=64% RQD=NIL 35.00
35.00m N.B. - '*' means sample could not be recovered.									



BH-114/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 : 08/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.115

Co-ordinates E=672403.276
N=2479341.195

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.115 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff, reddish brown, clayey silt with sand mixture. Obs. kankars & moorum.									DS-1	0.50
									DS-2	1.00
									UDS-1	1.50-1.95
		8	13	15			28	SPT-1	1.95-2.40	
									DS-3	3.00
		9	12	16			28	SPT-2	3.50-3.95	
									UDS-2	4.50-4.95
		10	12	17			29	SPT-3	4.95-5.40	
									DS-4	6.00
		10	11	18			29	SPT-4	6.50-6.95	
7.73m Medium dense, reddish brown, silty sand. Obs. kankars & gravel.								UDS-3	7.50-7.95	
		8	9	11			20	SPT-5	7.95-8.40	
									DS-5	9.00
		8	10	12			22	SPT-6	9.50-9.95	
									*UDS-4	10.50-10.95
		9	10	13			23	SPT-7	11.05-11.50	
									DS-6	12.00
		10	11	14			25	SPT-8	12.50-12.95	
									*UDS-5	13.50-13.95
		10	12	14			26	SPT-9	14.05-14.50	
									DS-7	15.00
18.00m		11	13	15			28	SPT-10	15.50-15.95	
									*UDS-6	16.50-16.95
		11	14	15			29	SPT-11	17.05-17.50	
								DS-8	18.00	



BH-115/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.115

Co-ordinates E=672403.276
N=2479341.195

Field Test	Nos	Samples	Nos	Commencement Date : 28/03/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 30/03/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 305.115 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.80 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense, reddish brown, silty sand. Obs. kankars & gravel.		12	13	15	28		SPT-12	18.50-18.95
20.00m		9	14	17	31		*UDS-7	19.50-19.95
Hard, yellowish brown, clayey silt with decomposed rock. Obs. sand mixture.		10	18	28	46		SPT-13	20.05-20.50
		12	28	60	>100		DS-9	21.00
24.00m		100			5.0cm Pentn. Refusal		SPT-14	21.50-21.95
Highly weathered, yellowish brown, medium grained, fractured rock. Obs. boulder.					3.0cm Pentn. Refusal		*UDS-8	22.50-22.95
24.75m					NX, drilling from 24.00m to 35.00m		SPT-15	23.05-23.40
Highly weathered, yellowish brown, medium grained, fractured rock.							*SPT-16	24.00-24.03
25.50m							R1	CR=21% RQD=NIL
Moderately to slightly weathered, yellowish brown, medium grained, fractured rock.							R2	CR=25% RQD=NIL
27.00m							R3	CR=53% RQD=NIL
							R4	CR=67% RQD=NIL
							R5	CR=50% RQD=NIL
							R6	CR=53% RQD=NIL
							R7	CR=58% RQD=NIL
							R8	CR=60% RQD=NIL
							R9	CR=61% RQD=NIL
							R10	CR=63% RQD=NIL
							R11	CR=59% RQD=NIL
							R12	CR=55% RQD=15%
							R13	CR=47% RQD=NIL
							R14	CR=68% RQD=NIL
							R15	CR=69% RQD=24%
35.00m								24.75
N.B. - '*' means sample could not be recovered.								25.50
								26.25
								27.00
								27.75
								28.50
								29.25
								30.00
								30.75
								31.50
								32.25
								33.00
								33.75
								34.50
								35.00



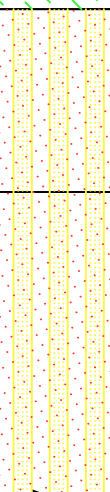
BH-115/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.116

Co-ordinates	E=672347.232 N=2479347.359
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Field Test	Nos	Samples	Nos	Commencement Date :	09/04/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	19	Undisturbed (UDS)	7	Completion Date :	16/04/2024
		Penetrometer (SPT)	19	Bore Hole Diameter :	150 mm./N.X
		Disturbed (DS)	13	Level Of Ground :	308.542 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.05 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH DIVN=15CM								Ref. No	Depth (m)
0.00m										DS-1	0.50
										DS-2	1.00
		4	5	8		13				SPT-1	1.50-1.95
						17				UDS-1	2.50-2.95
		7	8	9						SPT-2	2.95-3.40
						18				DS-3	4.00
		7	7	11						SPT-3	4.45-4.90
						23				*UDS-2	5.50-5.95
		8	10	13						SPT-4	6.05-6.50
						24				DS-4	7.00
Stiff to very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.	9	11	13						SPT-5	7.50-7.95	
					23				UDS-3	8.50-8.95	
	10	10	13						SPT-6	8.95-9.40	
					33				DS-5	10.00	
	10.50m	11	14	19					SPT-7	10.50-10.95	
Dense to very dense, brownish grey, silty sand with clay binder & kankars.					58				*UDS-4	11.50-11.60	
	15	20	38						SPT-8	11.60-12.05	
12.50m						35			DS-6	13.00	
		10	15	20					SPT-9	13.50-13.95	
						32			UDS-5	14.50-14.95	
		9	14	18					SPT-10	14.95-15.40	
15.50m											
Medium dense to dense, yellowish brown, silty sand. 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 : 04/05/2024

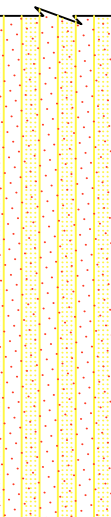
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.116

Co-ordinates E=672347.232
N=2479347.359

Field Test	Nos	Samples	Nos	Commencement Date : 09/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date : 16/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	13	Level Of Ground : 308.542 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.05 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
15.50m								DS-7	16.00
		8	10	16				SPT-11	16.50-16.95
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.						26			
								*UDS-6	17.50-17.95
		6	9	12				SPT-12	18.10-18.55
						21			
								DS-8	19.00
		5	8	11				SPT-13	19.50-19.95
						19			
20.50m								DS-9	20.50
								UDS-7	20.75-21.20
		9	13	19				SPT-14	21.20-21.65
						32			
								DS-10	22.20
		10	15	24				SPT-15	22.70-23.15
						39			
Hard, yellowish grey, silty clay with sand mixture & decomposed rock & gravel & boulder. Obs. kankars.								DS-11	23.60
		11	14	27				SPT-16	24.20-24.65
						41			
								DS-12	25.20
		13	15	31				SPT-17	25.60-26.05
						46			
								DS-13	26.50
		45	55			>100		SPT-18	27.00-27.20
27.30m		100				5.0cm Pentn. Refusal		*SPT-19	27.30-27.32 27.30
Highly weathered, pinkish white, fine grained, fractured rock.								R1	CR=29% RQD=NIL
28.00m						2.0cm Pentn. NX. drilling from 27.30m to 30.00m		R2	CR=30% RQD=NIL
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.									28.00
								R3	CR=43% RQD=NIL
29.50m									28.75
Moderately weathered, yellowish grey, medium grained, fractured rock.								R4	CR=51% RQD=NIL
30.00m									29.50
N.B. - '*' means sample could not be recovered.									30.00



BH-116/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.117

Co-ordinates E=672291.993
N=2479346.287

Field Test	Nos	Samples	Nos	Commencement Date : 11/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date : 12/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 310.580 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
						17		SPT-1	1.50-1.95
		5	8	9					
						20		UDS-1	2.50-2.95
		7	10	10				SPT-2	2.95-3.40
								DS-3	4.00
						19		SPT-3	4.50-4.95
		9	8	11					
						22		UDS-2	5.50-5.80
		10	10	12				SPT-4	5.80-6.25
								DS-4	7.00
						25		SPT-5	7.50-7.95
		10	11	14					
						29		UDS-3	8.50-8.80
		10	11	18				SPT-6	8.80-9.25
								DS-5	9.80
						37		SPT-7	10.50-10.95
		10	15	22				*UDS-4	11.50-11.58
						41		SPT-8	11.80-12.25
		11	16	25				DS-6	13.00
						44		SPT-9	13.50-13.95
		12	18	26				DS-7	14.50
						44		SPT-10	15.00-15.45
		13	17	27					
10.50m								DS-8	16.00
15.50m									
16.00m									



BH-117/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.117

Co-ordinates E=672291.993
N=2479346.287

Field Test	Nos	Samples	Nos	Commencement Date : 11/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date : 12/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 310.580 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Dense, light brown, silty sand with kankars.			11	13	21	<u>34</u>		SPT-11	16.50-16.95
								*UDS-5	17.50-17.95
								SPT-12	18.20-18.65
								DS-9	19.00
								SPT-13	19.50-19.95
								*UDS-6	20.50-20.95
								SPT-14	21.10-21.55
								DS-10	22.00
								SPT-15	22.50-22.95
								*UDS-7	23.50-23.95
Hard, brownish grey, silty clay with kankars & decomposed rock.			8	11	19	<u>30</u>		SPT-16	24.10-24.55
								DS-11	24.80
								SPT-17	25.20-25.65
								DS-12	26.00
								*SPT-18	26.30-26.33
Highly weathered, yellowish grey to light grey, medium grained, fractured rock.			10	00	3.0cm Pentn.	<u>Refusal</u>		*SPT-19	26.50-26.52 26.50
								R1	CR=32% RQD=NIL 27.25
								R2	CR=34% RQD=NIL 28.00
								R3	CR=38% RQD=NIL 28.75
								R4	CR=52% RQD=NIL 29.50
Moderately weathered, yellowish grey to light grey, medium grained, fractured rock.			10	00	2.0cm Pentn.	<u>Refusal</u>		R5	CR=56% RQD=NIL 30.00
NX. drilling from 26.50m to 30.00m									
N.B. - '*' means sample could not be recovered.									



BH-117/Sheet-2



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 29/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.118

Co-ordinates E=672219.577
N=2479324.935

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 308.150 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										
Filled up with clayey silty sand with kankar & gravels.									DS-1	0.50
1.00m									DS-2	1.00
		6	8	10		18			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
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.		8	11	13		24			SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		9	13	15		28			SPT-4	5.95-6.40
									DS-4	7.00
7.50m		16	18	22		40			SPT-5	7.50-7.95
									*UDS-3	8.50-8.60
		23	25	28		53			SPT-6	8.80-9.25
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.									DS-5	10.00
		13	16	19		35			SPT-7	10.50-10.95
11.50m									UDS-4	11.50-11.95
		12	16	13		29			SPT-8	11.95-12.40
									DS-6	13.00
		10	12	11		23			SPT-9	13.50-13.95
Medium dense, yellowish brown, silty sand. Obs. kankar.									*UDS-5	14.50-14.95
		9	11	10		21			SPT-10	15.05-15.50
15.75m										



BH-118/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.119

Co-ordinates E=672262.903
N=2479283.865

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	4	Completion Date : 08/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 308.799 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with clayey silty sand with kankars & gravel.									DS-1	0.50
1.00m									DS-2	1.00
Very stiff, reddish brown, silty clay. Obs. sand mixture & kankars.		8	12	14				26	SPT-1	1.50-1.95
2.50m		13	17	19				36	UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
Hard, reddish brown, silty clay. Obs. sand mixture & kankars.		12	18	20				38	SPT-3	4.50-4.95
		14	16	20				36	UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
7.50m		10	13	16				29	SPT-5	7.50-7.95
Very stiff, reddish brown, silty clay. Obs. sand mixture & kankars.		9	14	15				29	UDS-3	8.50-8.95
									SPT-6	8.95-9.40
									DS-5	10.00
10.50m		16	20	22				42	SPT-7	10.50-10.95
Hard, reddish brown, silty clay. Obs. sand mixture & kankars.		17	21	22				43	*UDS-4	11.50-11.60
									SPT-8	11.80-12.25
									DS-6	13.00
13.50m		14	23	20				43	SPT-9	13.50-13.95
Dense, yellowish brown, silty sand. Obs. kankars.		10	15	19				34	SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.										
15.45m										



BH-119/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.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)
0.00m Filled up with yellowish brown, clayey silty sand with kankars & gravel.									DS-1	0.50
1.00m									DS-2	1.00
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.		10	12	14				26	SPT-1	1.50-1.95
		9	11	13				24	UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
4.50m		10	13	20				33	SPT-3	4.50-4.95
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.		13	17	23				40	UDS-2	5.50-5.95
		13	15	23				38	SPT-4	5.95-6.40
		14	16	22				38	DS-4	7.00
									SPT-5	7.50-7.95
10.50m		9	10	14				24	UDS-3	8.50-8.95
Very stiff, reddish brown, clayey silt with sand. Obs. kankars.		10	11	12				23	SPT-6	8.95-9.40
									DS-5	10.00
13.00m		8	13	12				25	SPT-7	10.50-10.95
Medium dense, yellowish brown, silty sand. Obs. kankars.		7	10	11				21	*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
16.00m									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.05-15.50
									DS-7	16.00



BH-120/Sheet-1