



CLAUSE NO.	TECHNICAL REQUIREMENTS			
	<div><div>IS:1608</div><div>Mechanical testing of metals - tensile testing</div></div> <div><div>IS:1852</div><div>Rolling and Cutting Tolerances for Hot rolled steel products.</div></div> <div><div>IS:2016</div><div>Specification for Plain washers.</div></div> <div><div>IS:2595</div><div>Code of practice for Radiographic testing</div></div> <div><div>IS:2629</div><div>Hot dip galvanising of iron and steel</div></div> <div><div>IS:3502</div><div>Steel chequered plate.</div></div> <div><div>IS:3613</div><div>Acceptance tests for wire flux combination for submerged arc welding.</div></div> <div><div>IS:3658</div><div>Code of practice for liquid penetrant flaw detection.</div></div> <div><div>IS:3664</div><div>Code of practice for ultra sonic pulse echo testing contact and immersion method</div></div> <div><div>IS:3757</div><div>High strength structural bolts.</div></div> <div><div>IS:4000</div><div>High strength bolts in steel structure - code of practice.</div></div> <div><div>IS:4353</div><div>Sub merged arc welding of mild steel and low alloy steel Recommendation</div></div> <div><div>IS:4759</div><div>Hot dip zinc coating on structural steel and other allied products.</div></div> <div><div>IS:5334</div><div>Code of practice for magnetic particle flaw detection of welds.</div></div> <div><div>IS:5369</div><div>General requirements for plain washers and lock washer</div></div> <div><div>IS : 6623</div><div>High strength structural nuts.</div></div> <div><div>IS:6649</div><div>Hardened and tampered washers for high strength structural bolts & nuts.</div></div> <div><div>IS:6911</div><div>Stainless steel plate, sheet and strip.</div></div> <div><div>IS:7205</div><div>Safety code for erection of structural steel.</div></div> <div><div>IS:7215</div><div>Tolerances for fabrication of structural steel.</div></div> <div><div>IS:7307</div><div>Approved test for welding procedures</div></div> <div><div>(Part - I)</div><div>Fusion welding of steel.</div></div> <div><div>IS:7310 (Part-I)</div><div>Approval test for welders working to approval welding procedure. Fusion welding of steel</div></div> <div><div>IS:9178 (Part-1to 3)</div><div>Criteria for design of steel bins for storage of bulk material.</div></div> <div><div>IS:9595</div><div>Recommendations for metal arc welding of carbon & carbon manganese steel.</div></div>			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 6 OF 16


CLAUSE NO.	TECHNICAL REQUIREMENTS			<div>सी एस पी जी सी एल</div> <div>C/PGCL</div>
	<div>IS:12843 Tolerances for erection of steel structures.</div> <div>SP:6 ISI Hand book for structural Engineers. (Part 1 to 7)</div> <div>Plastering and Allied Works</div> <div>IS:1661 Code of practice for application of cement and cement lime plaster finishes.</div> <div>IS:2402 Code of practice for external rendered finishes.</div> <div>IS:2547 Gypsum building plaster. (Parts 1&2)</div> <div>Acid and Alkali Resistant Lining</div> <div>IS:158 Ready mixed paint, brushing, bituminous, black, lead free, acid, alkali & heat resisting.</div> <div>IS:412 Expanded metal steel sheets for general purpose.</div> <div>IS:4441 Code of practice for use of silica type chemical resistant mortars.</div> <div>IS:4443 Code of practice for use of resin type chemical resistant mortars.</div> <div>IS:4456 Method of Test for chemical resistant tiles. (Part I & II)</div> <div>IS:4457 Ceramic unglazed vitreous acid resisting tiles.</div> <div>IS:4832 Specification for chemical resistant mortars. (Part - 1) Silicate type (Part - 2) Resin type (Part - 3) Sulfur type</div> <div>IS:4860 Acid resistant bricks.</div> <div>IS:9510 Bitumastic acid resisting grade.</div> <div>Water Supply, Drainage and Sanitation</div> <div>IS:458 Precast concrete pipes (with & without reinforcement).</div> <div>IS:554 Pipe threads where pressure tight joints are made on the threads – dimensions, tolerances and designation.</div> <div>IS:651 Salt glazed stoneware pipes and fittings.</div> <div>IS:774 Flushing cisterns for water closets and urinals.</div> <div>IS:775 Cast iron brackets and supports for wash basins and sinks.</div>			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 7 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS			<div>सी एस पी जी सी एल</div> <div>CSPGCL</div>
	IS:778	Copper alloy gate, globe and check valves for water works purposes.		
	IS:781	Cast copper alloy screw down bib taps & stop valves for water services.		
	IS:782	Caulking lead.		
	IS:783	Code of practice for laying of concrete pipes.		
	IS:1172	Code of basic requirements of water supply, drainage and sanitation.		
	IS:1230	Cast iron rain water pipes and fittings.		
	IS:1239 (Part 1&2)	Mild Steel tubes, tubulars and other wrought steel fittings		
	IS:1536	Centrifugally cast (Spun) iron pressure pipes for water.		
	IS:1537	Vertically cast iron pressure pipes for water, gas and sewage.		
	IS:1538	Cast iron fittings for pressure pipe for water, gas and sewage.		
	IS:1703	Copper alloy float valve for water supply fitting.		
	IS:1726	Cast iron manhole covers and frames.		
	IS:1729	Cast iron / Ductile iron drainage pipes and pipe/fittings for over ground non pressure pipeline socket and spigot series.		
	IS:1742	Code of practice for building drainage.		
	IS:2064	Selection, installation and maintenance of sanitary appliances.		
	IS:2065	Code of practice for water supply in buildings.		
	IS:2326	Automatic flushing cisterns for urinals.		
	IS:2548	Plastic seats and covers for water closets.		
	IS:2556	Vitreous sanitary appliances (vitreous china).		
	IS:3114	Code of practice for laying of cast iron pipes.		
	IS:3311	Waste plug and its accessories for sinks and wash basins.		
	IS:3438	Silvered glass mirrors for general purposes.		
	IS:3486	Cast iron spigot and socket drain pipes.		
	IS:3589	steel pipe for water and sewage (168.3 to 2540mm outside diameter)		
	IS:3989	Centrifugally cast (Spun) iron spigot and socket soil, waste and ventilating pipes, fittings and accessories.		
	IS:4111 (Part 1 to 5)	Code of practice for ancillary structure in sewerage system.		
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CLAUSE NO.	TECHNICAL REQUIREMENTS			
	<div>IS:4127Code of practice for laying of glazed stone ware pipes.</div> <div>IS : 4733Methods of sampling and testing sewage effluents.</div> <div>IS:4764Tolerance limits for sewage effluents discharged into inland surface waters.</div> <div>IS:1068Electroplated coating of nickel plus chromium and copper plus nickel plus chromium.</div> <div>IS:5329Code of practice for sanitary pipe work above ground for buildings.</div> <div>IS:5382Rubber sealing rings for gas mains, water mains and sewers.</div> <div>IS:5822Code of practice for laying of electrically welded steel pipes for water supply.</div> <div>IS:5961Specification for cast iron grating for drainage purpose.</div> <div>IS:7740Code of practice for construction and maintenance of road gullies.</div> <div>IS:8931Copper alloy fancy single taps combination tap assembly and stop valves for water services.</div> <div>IS:9762Polyethylene floats for float valves.</div> <div>IS:10592Industrial emergency showers, eye and face fountains and combination units.</div> <div>IS:12592Specification for precast concrete manhole covers and frames.</div> <div>IS:12701Rotational moulded polyethylene water storage tanks.</div> <div>IS:13983Stainless steel sinks for domestic purposes.</div> <div>SP:35Hand book on water supply and drainage with special emphasis on plumbing.</div> <div>CPH&EEOManual on sewage and sewage treatment</div> <div>Publication- as updated.</div> <div>Doors Windows and Allied Works</div> <div>IS:204Tower Bolts.</div> <div>(Part 1)Ferrous metals</div> <div>(Part 2)Non - ferrous metals</div> <div>IS:208Door Handles.</div> <div>IS:281Mild steel sliding door bolts for use with padlocks.</div> <div>IS:362Parliament Hinges.</div> <div>IS:419Putty, for use on window frames.</div> <div>IS:451Technical supply conditions for wood screws</div>			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 9 OF 16


CLAUSE NO.	TECHNICAL REQUIREMENTS			<div>सी एस पी जी सी एल</div> <div>C/PGCL</div>
	IS:733	Wrought aluminium and aluminium alloy bars, rods and sections for general engineering purposes.		
	IS:1003 (Part I)	Timber panelled and glazed shutters (doors shutters).		
	IS:1003 (Part-1)	Timber panelled and glazed shutters door shutters.		
	IS:1038	Steel doors, windows and ventilators.		
	IS:1081	Code of practice for fixing and glazing of metal (steel and aluminium) doors, windows and ventilators.		
	IS:1285	Wrought aluminium and aluminium alloy extruded round tube & hollow section (for general engineering purposes).		
	IS:1341	Steel butt hinges.		
	IS:1361	Steel windows for Industrial buildings.		
	IS:1823	Floor door stoppers.		
	IS:1868	Anodic coatings on Aluminium and its alloys.		
	IS:2202 (Part-2)	Wooden flush door shutters (solid core type) particle board face panels and hard board face panels.		
	IS:2209	Mortice locks (vertical type)		
	IS:2553 (Part-1)	Safety glass. General purposes		
	IS:2835	Flat transparent sheet glass.		
	IS:3548	Code of practice for glazing in buildings.		
	IS:3564	Door closers (Hydraulically regulated)		
	IS:3614 (Part-1)	Specification for fire check doors : plate, metal covered and rolling type.		
	(Part-2) IS:4351	Resistance test and performance criteria. Specification for steel door frames.		
	IS:5187	Flush bolts.		
	IS:5437	Figured, rolled and wired glass.		
	IS:6248	Specification for metal rolling shutters and rolling grills.		
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 10 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS		<div>सी एस पी जी सी एल</div> <div>CSPGCL</div>	
	IS:6315	Specification for floor springs (Hydraulically regulated) for heavy doors.		
	IS:7196	Hold fast.		
	IS:7452	Hot rolled steel sections for doors, windows and ventilators.		
	IS:10019	Mild steel stays and fasteners.		
	IS:10451	Steel sliding shutters (top hung type)		
	IS:12823	Prelaminated particle boards.		
	Roof Water Proofing and Allied Works			
	IS:3067	code of practice for general design details and preparatory work for damp proofing and water proofing of buildings.		
	ASTM	Standard specification for high solid content cold		
	C836-89a	liquid applied elastomeric water proofing membrane for use with separate wearing course.		
	ASTM	Standard guide for high solid content cold		
	C898-89	liquid applied elastomeric water proofing membrane for use with separate wearing course.		
	Floor Finishes and Allied Works			
	IS:5318	Code of practice for laying of flexible PVC sheet and tile flooring.		
	IS:8042	White portland cement.		
	IS:13755	Dust pressed ceramic tiles with water absorption of 3%, E 6% (Group B11a).		
	IS:13801	Chequered cement concrete tiles.		
	Painting and Allied Works			
	IS:162	Ready mixed paint, brushing fire resisting, silicate type for use on wood, colour as required.		
	IS:428	Distemper, oil, emulsion, colour as required.		
	IS:1477	Code of practice for painting of terrous metals in buildings.		
	(Part -1)	Pretreatment.		
	(Part -2)	Painting.		
	IS:1650	Specification for colours for building and decorative materials.		
	IS:2074	Ready mixed paint, air drying, red oxide-zinc chrome, priming.		
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 11 OF 16


CLAUSE NO.	TECHNICAL REQUIREMENTS		
	IS:2338	Code of practice for finishing of wood and wood based materials.	
	(Part -1)	Operations and Workmanship.	
	(Part -2)	Schedule.	
	IS:2395	Code of pratice for painting concrete, masonry and plaster surfaces.	
	(Part-1)	Operations and Workmanship.	
	(Part -2)	Schedule.	
	IS:2524	Code of practice for painting of nonferrous metals in buildings.	
	(Part -1)	Pretreatment	
	(Part -2)	Painting.	
	IS:2932	Enamel, synthetic, exterior, (a) under coating and (b) finishing.	
	IS:2933	Enamel exterior, (a) under coating, (b) finishing.	
	IS:4759	Hot dip zinc coatings on structural steel and other allied products.	
	IS:5410	Specification for cement paint.	
	IS:15489	Plastic emulsion paint.	
	IS:6278	Code of practice for white washing and Colour washing.	
	IS:10403	Glossary of term related to building finish.	
	IS:12027	Silicone based water repellent	
	IS:13238	Epoxy based zinc phosphate primer (2 pack)	
	IS:13239	Epoxy surfacer (2 pack)	
	IS:13467	Chlorinated rubber for paints	
	IS:14209	Epoxy enamel, two component glossy.	
	BS:5493	Code of practice for protective coating of iron and steel structures against corrosion.	
	Piling and Foundation		
	IS:1080	Code of practice for design and construction of shallow foundations on soils.	
	IS:1904	Code of practice for design and construction of foundation in Soils : General Requirements.	
	IS:2314	Steel sheet piling sections.	
	IS:2911	Code of practice for design and construction of pile foundations.	
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS
			PAGE 12 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS		<div>सी एस पी जी सी एल</div> <div>CSPGCL</div>	
	(Relevant Parts)			
IS:2950	Code of practice for designs and construction of Raft foundation.			
(Part-1)	Design			
IS:2974	Code of practice for design and construction of machine foundation.			
(Part-1 to 5)				
IS:4091	Code of practice for design and construction foundations for transmission line towers and poles.			
IS:6403	Code of practice for determination of Bearing capacity of Shallow foundations.			
IS:8009	Code of practice for calculation of settlement of foundation.			
(Part -1)	Shallow foundations.			
(Part -2)	Deep foundations.			
IS:12070	Code of practice for design and construction of shallow foundations on rocks.			
ISO 10816	Criteria for assessing mechanical vibrations of machines.			
ISO 1940	Criteria for assessing the st of balance of rotating rigid bodies.			
DIN : EN 13906-1	Helical compression spring made of round wire and rod : calculation and design of compression .			
DIN:2096	Helical compression spring out of round wire and rod : Quality requirements for hot formed compression spring.			
DIN:4024	Flexible supporting structures for machine with rotating machines.			
Roads				
IRC:5	Standard specifications and Code of practice for road bridges, General Features of Design.			
(Section-1)				
IRC:14	Recommended practice for 2cm thick bitumen and tar carpets.			
IRC:15	Standard specifications and code of practice for construction of concrete roads.			
IRC:16	Specification for priming of base course with bituminous primers.			
IRC:19	Standard specifications and Code of practice for water bound macadam.			
IRC:21	Standard specifications and Code of practice for road bridges. Cement concrete (plain and reinforced).			
(Section-III)				
IRC:34	Recommendations for road construction in water logged areas.			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 13 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS			<div>सी एस पी जी सी एल CSPGCL</div>
	IRC:36	Recommended practice for the construction of earth embankments for road works.		
	IRC:37	Guidelines for the Design of flexible pavements.		
	IRC:56	Recommended practice for treatment of embankment slopes for erosion control.		
	IRC:58	Guidelines for the design of rigid pavements for highways.		
	IRC:73	Geometric Design standards for rural (non-urban) highways.		
	IRC : 86	Geometric Design standards for urban roads in plains.		
	IRC:SP:13	Guidelines for the design of small bridges & culverts.		
	IRC - Publication	Ministry of Surface Transport (Road wing), specifications for road and bridge works.		
	IS:73	Paving bitumen.		
	Loading			
	IS:875	Code of practice for design loads (other than earthquake) for (Relevant parts) buildings and structures.		
	IS:1893	Criteria for earthquake resistant design of structures.		
	IS:4091	Code of practice for design and construction of foundation for transmission line towers and poles.		
	IRC:6 (Section-II)	Standard specifications & Code of practice for road bridges. loads and stresses		
	Safety			
	IS:1641	Code of practice for fire safety of buildings - General principles of fire grading and classification.		
	IS:1642	Code of practice for fire safety of buildings - Details of construction.		
	IS:3696 (Part-1&2)	Safety code for scaffolds and ladders.		
	IS:3764	Excavation work - code of safety.		
	IS:4081	Safety code for blasting and related drilling operations.		
	IS:4130	Demolition of buildings - code of safety.		
	IS:5121	Safety code for piling and other deep foundations.		
	IS:5916	Safety code for construction involving use of hot bituminous materials.		
	IS:7205	Safety code for erection of structural steel work.		
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 14 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS			
	<div>IS:7293 Safety code for working with construction machinery.</div> <div>IS:7969 Safety code for handling and storage of building materials.</div> <div>Indian Explosives (As updated)</div> <div>Act 1940)</div> <div>Architectural Design of Buildings</div> <div>SP:7 National Building Code of India</div> <div>SP:41 Hand book on functional requirements of buildings (other than industrial buildings)</div> <div>ECBC Energy Conservation Building Code</div> <div>GRIHA Green Rating For Integrated Habitat Assessment.</div> <div>Tall Structures, Chimneys</div> <div>IS:4998 Criteria for design of reinforced chimneys</div> <div>IS:6533 Code of practice for design and construction of steel chimneys</div> <div>ICAO International Civil Aviation Organisation (ICAO)</div> <div>DGCA Instruction of Director General of Civil Aviation , India</div> <div>ACI:307 Specification for the design and construction of reinforced concrete chimneys</div> <div>BS:4076 Specification for steel chimneys</div> <div>CICIND Model Code for concrete chimneys</div> <div>Model code for steel chimneys</div> <div>ASCE Code Design and construction of steel chimney liners prepared by Task committee on steel chimney liners. Fossil power committee, Power division published by ASCE - 1975.</div> <div>IS:1554 PVC insulated (heavy duty) electric cables</div> <div>IS:2606 Alloy lead anodes for chromium plating</div> <div>IS:3043 Code of Practice for Earthing</div> <div>IS:9537 Conduits for electrical installations.</div> <div>The Indian Electricity Rules</div> <div>The Indian Electricity Act</div> <div>The Indian Electricity (Supply) Act</div> <div>The Indian Factories Act</div> <div>IS:2309 Practice for protection of buildings and allied structures against lightning</div>			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 15 OF 16

CLAUSE NO.	TECHNICAL REQUIREMENTS			<div>सी एस पी जी सी एल</div> <div>CSPGCL</div>
	<div>Miscellaneous</div> <div><div>IS:802 (Relevant parts)</div><div>Code of practice for use of structural steel in overhead trans- mission line towers.</div></div> <div><div>IS:803</div><div>Code of practice for design, fabrication and erection of vertical mild steel cylindrically welded in storage tanks.</div></div> <div><div>IS:10430</div><div>Criteria for design of lined canals and guidance for selection of type of lining.</div></div> <div><div>IS:11592</div><div>Code of practice for selection and design of belt conveyors.</div></div> <div><div>IS:12867</div><div>PVC handrails covers.</div></div> <div><div>IS 11504</div><div>Criteria for structural design of reinforced concrete natural draught cooling towers</div></div> <div><div>BS:4485 (IV)</div><div>British Standard : Code of design for water cooling towers</div></div> <div><div>CIRIA Publication IS 4671</div><div>Design and construction of buried thin-wall pipes. Expanded polystyrene for thermal insulation purposes.</div></div>			
EPC PACKAGE FOR 2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST		TECHNICAL SPECIFICATION SECTION-VI, PART-B BID DOC NO.: 03-05/2X660 MW/T-13/2023	SUB-SECTION-D-1-12(A) CIVIL WORKS Annex(A)-LIST OF CODES AND STANDARDS	PAGE 16 OF 16

CLAUSE NO.	<div style="text-align: right;">  </div> TECHNICAL REQUIREMENTS		
D-1-12(B)	<div style="text-align: right;">ANNEXURE (B)</div> <p style="text-align: center;">CONSTRUCTION METHODOLOGY</p> <p>Construction and erection activities shall be fully mechanized from the start of the work.</p> <p>All excavation and backfilling work shall be done using excavators, loaders, dumpers, dozers, poclains, excavator mounted rock breakers, rollers, sprinklers, water tankers, etc. Manual excavation can be done only on isolated places with specific approval of engineer.</p> <p>For controlled rock blasting specialized agency, equipped with sensors to assess the impact of the blast on the adjoining existing structures, shall be employed.</p> <p>Dewatering shall be done using the combination of electrical and standby diesel pumps.</p> <p>Pile installation equipment suitable for flushing with air lift technique shall be used for construction of bored piles.</p> <p>For concreting, weigh batching plants, transit mixers, concrete pumps, hoists, etc. shall be used.</p> <p>All fabrication and erection activities of structural steel shall be carried out using automatic submerged arc welding machines, cutting machines, gantry cranes, crawler mounted heavy cranes and other equipment like heavy plate bending machines, shearing machines, lathe, milling machines, etc. Use of derricks shall not be permitted. Special enclosures, for blast cleaning of steel structure surface preparation, shall be used.</p> <p>All handling of materials shall be with cranes. Heavy trailers shall be used for transportation.</p> <p>Mechanized modular units of scaffolding and shuttering shall be used.</p> <p>Grouting shall be carried out using hydraulically controlled grouting equipment.</p> <p>Roadwork shall be done using pavers, rollers and premix plant.</p> <p>All finishing items shall be installed using appropriate modern mechanical tools. Manual punching etc. shall not be permitted.</p> <p>Heavy duty hoists for lifting of construction materials shall be deployed. Compressors for cleaning of foundations and other surfaces shall be used.</p> <p>Field laboratory shall be provided with all modern equipment for survey, testing of soil, aggregates, concrete, welding, etc. For testing of steel works, ultrasonic testing machines, radiographic testing machines, dye penetration test equipment, destruction testing equipment, etc. shall be deployed.</p> <p>All persons working at site shall be provided with necessary safety equipment and all safety aspects shall be duly considered for each construction/ erection activity. Moreover, only the persons who are trained in the respective trade shall be employed for executing that particular work.</p>		
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SUB-SECTION-D-1-12

ANNEXURE-C

BORE HOLE DATA, LAB TEST DATA

SUB-SECTION D-1-12

ANNEXURE-C

BORE HOLE DATA, LAB TEST DATA



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.1

Co-ordinates E=672469.678
N=2479920.110

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	11	Undisturbed (UDS)	5	Completion Date : 19/05/2024
Cone (Pc)		Penetrometer (SPT)	11	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	6	Level Of Ground : 300.035 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.		8	13	11					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	6.05-6.50
									DS-4	7.00
Medium dense, yellowish brown, silty sand. Obs. kankars.		8	12	13					SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
									SPT-6	9.05-9.50
									DS-5	10.00
									SPT-7	10.50-10.95
11.00m		11	12	14						



BH-1/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.1

Co-ordinates E=672469.678
N=2479920.110

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	11	Undisturbed (UDS)	5	Completion Date : 19/05/2024
Cone (Pc)		Penetrometer (SPT)	11	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	6	Level Of Ground : 300.035 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
11.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		10	11	18	29			*UDS-4	11.50-11.95
								SPT-8	12.05-12.50
13.00m Hard, yellowish grey, silty clay with sand mixture & decomposed rock.		16	19	24	43			DS-6	13.00
								SPT-9	13.50-13.95
								*UDS-5	14.50-14.60
								SPT-10	14.80-15.00
15.30m Highly weathered, blackish grey to yellowish grey, fine to medium grained, fractured rock. Obs. boulder.		34	55		>100			*SPT-11	15.30-15.33 15.30
16.00m								R1	CR=27% RQD=NIL
								R2	CR=35% RQD=NIL
								R3	CR=40% RQD=NIL
								R4	CR=39% RQD=NIL
								R5	CR=42% RQD=NIL
								R6	CR=36% RQD=NIL
20.00m									20.00

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



BH-1/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.2

Co-ordinates	E=672386.338 N=247989.292
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Field Test	Nos	Samples	Nos	Commencement Date :	17/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	10	Undisturbed (UDS)	5	Completion Date :	18/05/2024
		Penetrometer (SPT)	10	Bore Hole Diameter :	150 mm.
		Disturbed (DS)	6	Level Of Ground :	301.360 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	10.80 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 : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.2

Co-ordinates E=672386.338
N=247989.292

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 301.360 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.	11.00m									
									*UDS-4	11.50-11.95
								31	SPT-8	12.05-12.50
		13	16	15					DS-6	13.00
								32	SPT-9	13.50-13.95
		11	15	17					*UDS-5	14.50-14.95
								34	SPT-10	15.00-15.45
	15.45m	9	14	20						

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



BH-2/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.3

Co-ordinates E=672288.357
N=2479925.984

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 302.385 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
		10	12	16			28		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
2.95m										
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.		14	16	20			36		SPT-2	2.95-3.40
									DS-3	4.00
		13	15	19			34		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		15	18	20			38		SPT-4	5.95-6.40
8.50m									DS-4	7.00
		9	14	16			30		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		8	13	15			28		SPT-6	9.05-9.50
Medium dense, yellowish brown, silty sand. Obs. kankars.									DS-5	10.00
		12	13	14			27		SPT-7	10.50-10.95
11.00m										



BH-3/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.3

Co-ordinates E=672288.357
N=2479925.984

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 302.385 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 11.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand. Obs. kankars.		11.00m							
								*UDS-4	11.50-11.95
		9	12	13			25	SPT-8	12.05-12.50
								DS-6	13.00
		10	9	10			19	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		11	13	14			27	SPT-10	15.00-15.45
15.45m									



BH-3/Sheet-2



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

Job No : 4732 Created by : T.SAHA Created on : 04/06/2024 Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.4

Co-ordinates E=672197.558
N=2479918.193

Field Test	Nos	Samples	Nos	Commencement Date : 12/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.215 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up with brownish grey, clayey silt with sand mixture, kankars, boulder & brick bats.									DS-1	0.50
									DS-2	1.00
		3	2	3			5		SPT-1	1.50-1.95
									DS-3	2.50
									*UDS-1	3.00-3.45
3.50m										
Very stiff, reddish brown, silty clay with sand & kankars.		9	10	12			22		SPT-2	3.55-4.00
									DS-4	4.50
		10	10	14			24		SPT-3	5.00-5.45
									UDS-2	6.00-6.40
		10	11	14			25		SPT-4	6.40-6.85
8.00m										
Hard, reddish brown, silty clay with sand & kankars.		11	13	18			31		DS-5	7.50
									SPT-5	8.00-8.45
									UDS-3	9.00-9.45
		12	15	21			36		SPT-6	9.45-9.90
									DS-6	10.50
11.80m										
Medium dense to dense, light brown, silty sand. Obs. kankars.		13	19	23			42		SPT-7	11.00-11.45
									*UDS-4	11.80-12.25
13.00m		10	12	16			28		SPT-8	12.40-12.85



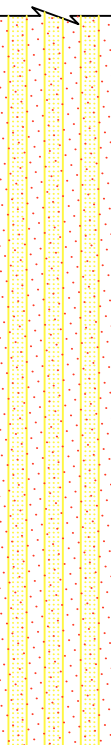
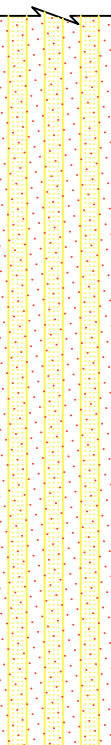




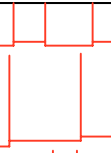
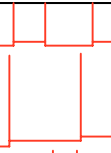


BH-4/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO.4

Co-ordinates	E=672197.558 N=2479918.193
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Field Test	Nos	Samples	Nos	Commencement Date :	12/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date :	13/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground :	308.215 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	10.90 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES		
		EACH DIVN=15CM								Ref. No	Depth (m)	
13.00m										DS-7	13.40	
Medium dense to dense, light brown, silty sand. Obs. kankars.		9	11	18				29		SPT-9	14.00-14.45	
											*UDS-5	15.00-15.45
		11	12	18				30		SPT-10	15.60-16.05	
											DS-8	16.50
		12	12	21				33		SPT-11	17.00-17.45	
											*UDS-6	17.90-18.35
19.00m		12	13	21				34		SPT-12	18.50-18.95	
Hard, yellowish grey, silty clay with decomposed rock & sand.								>100		DS-9	19.50	
		19	34	50						SPT-13	20.00-20.35	
20.80m										*SPT-14	20.80-20.84 20.80	
Highly weathered, yellowish grey, medium to fine grained, fractured rock.										R1	CR=21% RQD=NIL	
											R2	CR=22% RQD=NIL
											R3	CR=25% RQD=NIL
											R4	CR=30% RQD=NIL
											R5	CR=42% RQD=NIL
23.00m											22.25	
Highly to moderately weathered, yellowish grey, medium to fine grained, fractured rock.											23.00	
												23.75
24.50m											24.50	
Moderately weathered, yellowish grey, medium to fine grained, fractured rock.										R6	CR=56% RQD=NIL	
25.00m											25.00	
N.B. - '*' means sample could not be recovered.												



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.5

Co-ordinates E=672149.926
N=2479914.852

Field Test	Nos	Samples	Nos	Commencement Date : 12/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.255 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up soil with brownish grey, silty clay with sand mixture, kankar, boulders & brickbats.									DS-1	0.50
									DS-2	1.00
		2	2	4			6		SPT-1	1.50-1.95
									*UDS-1	2.50-2.95
3.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.		7	11	12			23		SPT-2	3.10-3.55
									DS-3	4.00
		9	12	16			28		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		10	11	19			30		SPT-4	5.95-6.40
									DS-4	7.00
7.50m										
Hard, reddish brown, silty clay with sand mixture & kankars.		14	15	21			36		SPT-5	7.50-7.95
									UDS-3	8.50-8.80
		16	19	24			43		SPT-6	8.80-9.25
									DS-5	10.00
		17	21	25			46		SPT-7	10.50-10.95
									*UDS-4	11.50-11.60
12.50m										
Dense, light brownish, silty sand. Obs. kankars.		15	20	27			47		SPT-8	11.80-12.25
									DS-6	13.00
13.00m										



BH-5/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.5

Co-ordinates E=672149.926
N=2479914.852

Field Test	Nos	Samples	Nos	Commencement Date : 12/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.255 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Dense, light brownish, silty sand. Obs. kankars.			11	13	19	32		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
								SPT-10	15.10-15.55
								DS-7	16.00
								SPT-11	16.45-16.90
Hard, brownish grey, silty clay with decomposed rock & sand.			13	18	23	41		*UDS-6	17.50-17.95
								SPT-12	18.10-18.55
								DS-8	19.00
								SPT-13	19.50-19.95
								*UDS-7	20.50-20.60
Highly weathered, yellowish grey, medium to fine grained, fractured rock.			17	27	50	>100	5.0cm Pentn.	SPT-14	20.80-21.15
								DS-9	21.50
								SPT-15	21.80-22.00
								*SPT-16	22.20-22.23
								R1	CR=20% RQD=NIL
Highly weathered, yellowish grey, medium to fine grained, fractured rock.			31	50	>100	>100	5.0cm Pentn.	R2	CR=22% RQD=NIL
								R3	CR=30% RQD=NIL
								R4	CR=32% RQD=NIL
N.B. - '*' means sample could not be recovered.									



BH-5/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.6

Co-ordinates E=672120.122
N=2479953.398

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 305.872 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Filled up soil consists of brownish grey, clayey silt with kankars, boulder & brickbats.								DS-1	0.50
1.20m								DS-2	1.00
		5	10	11	21			SPT-1	1.50-1.95
								DS-3	2.50
		7	12	14	26			UDS-1	3.00-3.45
								SPT-2	3.45-3.90
		9	11	15	26			DS-4	4.20
								SPT-3	4.50-4.95
								DS-5	5.50
		11	14	18	32			UDS-2	6.00-6.45
								SPT-4	6.45-6.90
		6	12	13	25			DS-6	7.50
								SPT-5	8.00-8.45
		9	14	16	30			UDS-3	9.00-9.45
								SPT-6	9.45-9.90
10.00m								DS-7	10.50
		12	16	19	35			SPT-7	11.00-11.45
								*UDS-4	12.00-12.45
		13	18	22	40			SPT-8	12.55-13.00
13.00m									



BH-6/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.6

Co-ordinates E=672120.122
N=2479953.398

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 305.872 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
13.00m								DS-8	13.50
		11	19	23	42			SPT-9	14.00-14.45
Dense, brownish grey, silty sand. Obs. kankars.								*UDS-5	15.00-15.45
		10	16	21	37			SPT-10	15.55-16.00
16.50m								DS-9	16.50
		12	17	29	46			SPT-11	17.00-17.45
								*UDS-6	18.00-18.10
Hard, brownish grey, silty clay with kankars & decomposed rock fragments.		13	19	32	51			SPT-12	18.25-18.70
								DS-10	19.25
								SPT-13	20.00-20.35
20.80m									
Highly weathered, whitish pink to grey, fine to medium grained, fractured rock. Obs. boulder.								*SPT-14	20.80-20.84 20.80
21.50m								R1	CR=27% RQD=NIL
Highly weathered, whitish pink to grey, fine to medium grained, fractured rock.								R2	CR=23% RQD=NIL
22.25m								R3	CR=27% RQD=NIL
								R4	CR=36% RQD=NIL
Highly to moderately weathered, yellowish brown, medium grained, fractured rock.								R5	CR=36% RQD=NIL
								R6	CR=48% RQD=NIL
25.00m									24.50 25.00
N.B. - '*' means sample could not be recovered.									



BH-6/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.7

Co-ordinates E=671978.236
N=2479925.465

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.477 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankars.	0.00m									
									DS-1	0.50
									DS-2	1.00
								27	SPT-1	1.50-1.95
		10	12	15					DS-3	2.50
Hard, reddish brown, silty clay with sand mixture & kankars.									UDS-1	3.00-3.30
								30	SPT-2	3.30-3.75
		11	12	18					DS-4	4.50
	5.00m							33	SPT-3	5.00-5.45
		13	15	18					UDS-2	6.00-6.25
								36	SPT-4	6.25-6.70
		12	17	19					DS-5	7.50
								36	SPT-5	8.00-8.45
		13	17	19					UDS-3	9.00-9.25
Medium dense to dense, light yellowish brown, silty sand. Obs. kankars.								35	SPT-6	9.25-9.70
		15	15	20					DS-6	10.50
								37	SPT-7	11.00-11.45
		14	18	19					*UDS-4	12.00-12.10
								38	SPT-8	12.20-12.65
		13	17	21						
	13.00m								DS-7	13.30
	13.50m									



BH-7/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

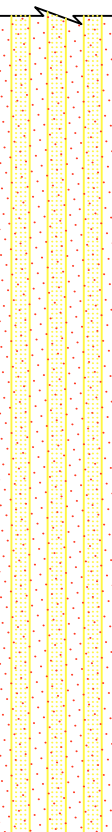

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.7

Co-ordinates E=671978.236
N=2479925.465

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.477 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Medium dense to dense, light yellowish brown, silty sand. Obs. kankars.									
		9	10	15				SPT-9	14.00-14.45
						25		*UDS-5	15.00-15.45
		10	12	14				SPT-10	15.60-16.05
						26		DS-8	16.50
		11	12	18				SPT-11	17.00-17.45
						30		*UDS-6	18.00-18.45
		12	14	19				SPT-12	18.55-19.00
						33		DS-9	19.50
		14	16	20				SPT-13	20.00-20.45
Hard, yellowish grey to grey to brownish grey, silty clay with sand & decomposed rock.								*UDS-7	21.00-21.10
		12	17	21				SPT-14	21.30-21.75
						38		DS-10	22.40
		13	19	22				SPT-15	23.00-23.45
						41		DS-11	24.00
		15	17	26				SPT-16	24.30-24.75
						43			
		15	18	27				SPT-17	25.00-25.45
						45			



BH-7/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.8

Co-ordinates E=671778.402
N=2479968.526

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 19/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 314.420 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
									DS-1	0.50
									DS-2	1.00
		7	8	10			18		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		6	9	13			22		SPT-2	2.95-3.40
									DS-3	4.00
		8	10	15			25		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		10	13	14			27		SPT-4	5.95-6.40
									DS-4	7.00
		11	14	12			26		SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		10	14	15			29		SPT-6	9.05-9.50
									DS-5	10.00
		9	11	16			27		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		11	10	12			22		SPT-8	12.05-12.50
									DS-6	13.00
13.00m										



BH-8/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.8

Co-ordinates E=671778.402
N=2479968.526

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 19/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 314.420 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 13.40 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
13.00m → Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		9	12	11					23	
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		12	13	14					27	
									SPT-10	15.05-15.50
									DS-7	16.00
		13	11	10					21	
									SPT-11	16.50-16.95
		12	13	16					29	
									*UDS-6	17.50-17.95
									SPT-12	18.05-18.50
									DS-8	19.00
		11	10	15					25	
									SPT-13	19.50-19.95
22.50m Hard, yellowish grey, silty clay with sand mixture, kankars & gravel.		12	16	17					33	
									*UDS-7	20.50-20.95
									SPT-14	21.05-21.50
									DS-9	22.00
		14	19	22					41	
25.45m N.B. - '*' means sample could not be recovered.		15	18	23					41	
									*UDS-8	23.50-23.60
									SPT-16	23.80-24.25
		18	22	24					46	
									SPT-17	25.00-25.45



BH-8/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

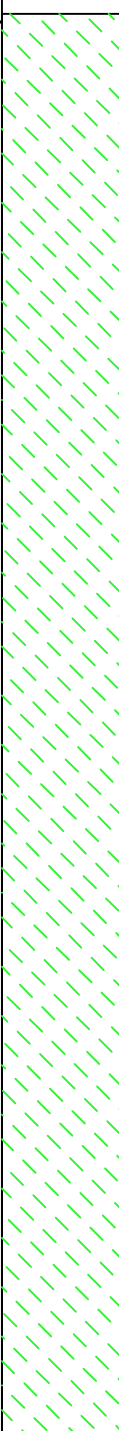
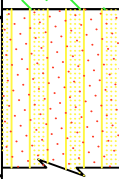
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.9

Co-ordinates E=671863.628
N=2479868.815

Field Test	Nos	Samples	Nos	Commencement Date : 19/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 20/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 314.751 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, silty clay with sand mixture. Obs. kankars.								DS-1	0.50
								DS-2	1.00
						22		SPT-1	1.50-1.95
		9	10	12					
						23		UDS-1	2.50-2.95
		8	9	14				SPT-2	2.95-3.40
						23		DS-3	4.00
		11	11	12				SPT-3	4.50-4.95
						26		UDS-2	5.50-5.95
		10	11	15				SPT-4	5.95-6.40
						29		DS-4	7.00
		12	13	16				SPT-5	7.50-7.95
						30		*UDS-3	8.50-8.95
		11	14	16				SPT-6	9.05-9.50
Medium dense, yellowish brown, silty sand with kankars.						29		DS-5	10.00
		13	14	15				SPT-7	10.50-10.95
						17		*UDS-4	11.50-11.95
		6	8	9				SPT-8	12.05-12.50
								DS-6	13.00



BH-9/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.9

Co-ordinates E=671863.628
N=2479868.815

Field Test	Nos	Samples	Nos	Commencement Date : 19/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 20/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 314.751 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)



BH-9/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.10

Co-ordinates E=672066.947
N=249891.292

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.153 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						21		SPT-1	1.50-1.95
		7	10	11				UDS-1	2.50-2.90
						28		SPT-2	2.90-3.35
		9	14	14				DS-3	4.00
						27		SPT-3	4.50-4.95
		10	12	15				UDS-2	5.50-5.80
						30		SPT-4	5.80-6.25
		11	14	16				DS-4	7.00
7.50m Hard, reddish brown, silty clay with sand mixture & kankars.						32		SPT-5	7.50-7.95
		10	13	19				UDS-3	8.50-8.80
						30		SPT-6	8.80-9.25
		10	12	18				DS-5	9.80
						35		SPT-7	10.40-10.85
		12	14	21				*UDS-4	11.50-11.60
11.50m Medium dense to dense, light brownish grey, silty sand. Obs. kankars.						62		SPT-8	11.80-12.25
		17	29	33				DS-6	12.80
13.50m									



BH-10/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

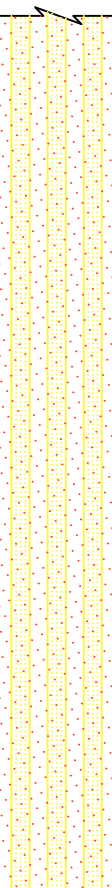

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.10

Co-ordinates E=672066.947
N=249891.292

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.153 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 10.60 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, light brownish grey, silty sand. Obs. kankars.		9	12	14		26	SPT-9	13.50-13.95
							*UDS-5	14.50-14.95
		10	13	19		32	SPT-10	15.10-15.55
							DS-7	16.00
		10	13	16		29	SPT-11	16.50-16.95
							*UDS-6	17.40-17.85
		11	13	21		34	SPT-12	18.00-18.45
							DS-8	19.00
		12	14	22		36	SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
Hard, brownish grey, silty clay with decomposed rock & sand mixture.		14	17	21		38	SPT-14	21.10-21.55
							DS-9	22.00
		15	16	20		36	SPT-15	22.50-22.95
							*UDS-8	23.50-23.60
		15	19	23		42	SPT-16	23.80-24.25
		13	19	25		44	SPT-17	25.00-25.45



BH-10/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.11

Co-ordinates E=672133.246
N=2479864.847

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.114 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up with yellowish brown, clayey silty sand with kankars & gravel.									DS-1	0.50
1.00m									DS-2	1.00
		8	10	11		21			SPT-1	1.50-1.95
		6	12	14		26			UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
		5	7	12		19			SPT-3	4.50-4.95
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.		4	8	9		17			UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
		9	12	14		26			SPT-5	7.50-7.95
									UDS-3	8.50-8.95
8.95m		13	18	17		35			SPT-6	8.95-9.40
									DS-5	10.00
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.		10	15	16		31			SPT-7	10.50-10.95
		11	13	17		30			UDS-4	11.50-11.95
									SPT-8	11.95-12.40
12.50m									DS-6	13.00
Medium dense, yellowish brown, silty sand. Obs. kankars.										
13.50m										



BH-11/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

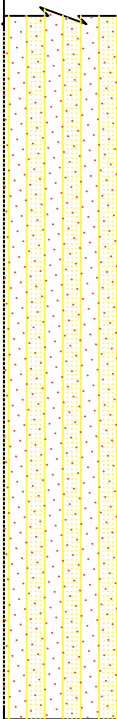
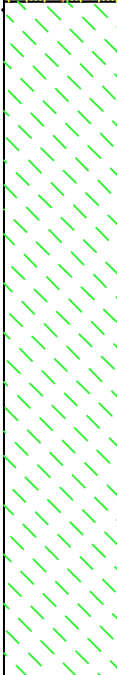
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.11

Co-ordinates E=672133.246
N=2479864.847

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.114 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense, yellowish brown, silty sand. Obs. kankars.		12	13	15			28	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		13	13	16			29	SPT-10	15.05-15.50
								DS-7	16.00
		14	15	13			28	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		12	14	16			30	SPT-12	18.05-18.50
								DS-8	19.00
		13	16	20			36	SPT-13	19.50-19.95
								*UDS-7	20.50-20.60
Hard, yellowish grey, silty clay with sand mixture, kankars & decomposed rock.		11	19	23			42	SPT-14	20.80-21.25
								DS-9	22.00
		12	20	24			44	SPT-15	22.50-22.95
								*UDS-8	23.50-23.60
		16	19	23			42	SPT-16	23.80-24.25
		15	21	27			48	SPT-17	24.80-25.25
N.B. - '*' means sample could not be recovered.									



BH-11/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.12

Co-ordinates E=672112.478
N=2479820.218

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 307.094 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 Filled up with yellowish brown, clayey silty sand with kankars, gravel & grass root.									DS-1	0.50
1.00m									DS-2	1.00
		6	9	7			16		SPT-1	1.50-1.95
									*UDS-1	2.50-2.95
		5	6	8			14		*SPT-2	3.05-3.50
									DS-3	4.00
		6	7	9			16		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		6	8	9			17		SPT-4	5.95-6.40
									DS-4	7.00
		7	8	10			18		SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		6	7	13			20		SPT-6	8.95-9.40
									DS-5	10.00
10.50m		10	11	9			20		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		7	8	9			17		SPT-8	12.05-12.50
									DS-6	13.00
13.50m										



BH-12/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

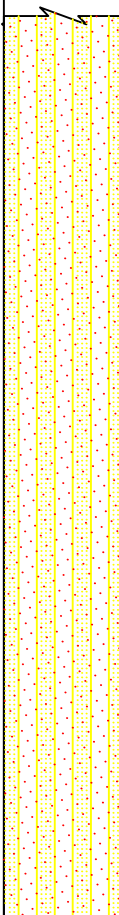
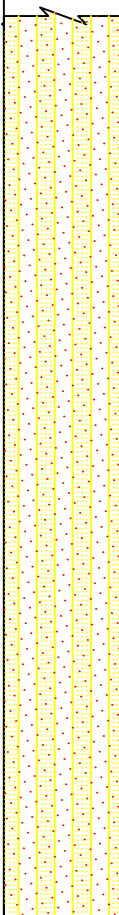
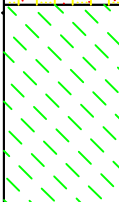
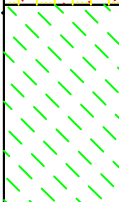
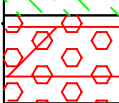
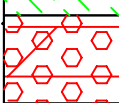
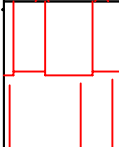
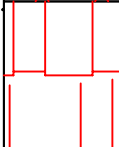
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.12

Co-ordinates E=672112.478
N=2479820.218

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 307.094 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)
13.50m		10	12	11	23		SPT-9	13.50-13.95
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.							*UDS-5	14.50-14.95
		6	10	15	25		SPT-10	15.05-15.50
							DS-7	16.00
		10	13	15	28		SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		11	14	16	30		SPT-12	18.05-18.50
							DS-8	19.00
		13	17	21	38		SPT-13	19.50-19.95
21.50m					41		*UDS-7	20.50-20.60
		14	19	22			SPT-14	20.80-21.25
23.00m					>100		DS-9	22.00
Highly weathered, pinkish white to yellowish brown, fine to medium grained, fractured rock. Obs. boulder.		29	52		Refusal		SPT-15	22.50-22.70
23.75m		00			5.0cm Pentn.		*SPT-16	23.00-23.04 23.00
Highly weathered, pinkish white to yellowish brown, fine to medium grained, fractured rock.					4.0cm Pentn.		R1	CR=24% RQD=NIL
					NX. drilling from 23.00m to 25.00m		R2	CR=29% RQD=NIL
							R3	CR=40% RQD=NIL
25.00m								23.75 24.50 25.00
N.B. - '*' means sample could not be recovered.								



BH-12/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.13

Co-ordinates E=672197.558
N=249850.773

Field Test	Nos	Samples	Nos	Commencement Date : 11/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 307.101 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										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
4.50m									SPT-2	2.95-3.40
									DS-3	4.00
									SPT-3	4.50-4.95
									UDS-2	5.50-5.95
7.50m									SPT-4	5.95-6.40
									DS-4	7.00
									SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
									SPT-6	9.05-9.50
11.50m									DS-5	10.00
									SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
13.50m										



BH-13/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

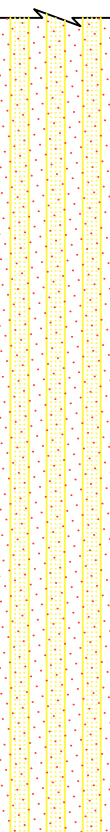


Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.13

Co-ordinates E=672197.558
N=249850.773

Field Test	Nos	Samples	Nos	Commencement Date : 11/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 307.101 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)
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		7	11	15	26	SPT-9	13.50-13.95
						*UDS-5	14.50-14.95
		8	12	16	28	SPT-10	15.05-15.50
						DS-7	16.00
		11	15	14	29	SPT-11	16.50-16.95
						*UDS-6	17.50-17.95
		12	16	18	34	SPT-12	18.05-18.50
						DS-8	19.00
		14	18	23	41	SPT-13	19.50-19.95
Hard, yellowish grey, silty clay with sand mixture, gravel & decomposed rock fragments.		15	19	24	43	*UDS-7	20.50-20.60
						SPT-14	20.80-21.25
						DS-9	21.80
		17	20	27	47	SPT-15	22.30-22.75
						DS-10	23.20
Slightly weathered, yellowish grey, medium grained, fractured rock.		34	53	00	>100	SPT-16	23.60-23.80
						*SPT-17	24.00-24.03
						R1	CR=70% RQD=NIL
						R2	CR=62% RQD=NIL
N.B. - '*' means sample could not be recovered.							



BH-13/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.14

Co-ordinates E=671920.096
N=2479735.389

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 314.553 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										
									DS-1	0.50
									DS-2	1.00
		3	4	5				9	SPT-1	1.45-1.90
									UDS-1	2.50-2.95
		4	4	7				11	SPT-2	2.95-3.40
									DS-3	4.00
		2	3	5				8	SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		3	5	4				9	SPT-4	5.95-6.40
									DS-4	7.00
		3	4	4				8	SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		5	6	9				15	SPT-6	8.95-9.40
									DS-5	10.00
		4	6	8				14	SPT-7	10.50-10.95
									*UDS-4	11.40-11.85
		10	13	15				28	SPT-8	12.00-12.45
									DS-6	13.00
		10	15	19				34	SPT-9	13.50-13.95



BH-14/Sheet-1



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

CETEST

Job No : 4732A

Created by : Chandrani

Created on : 03/06/2024


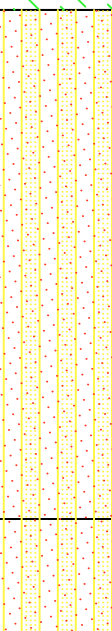
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.14

Co-ordinates E=671920.096
N=2479735.389

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 314.553 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)
Hard, reddish brown, silty clay with sand mixture & kankar.		14.00m							
		10	17	22				*UDS-5	14.50-14.75
							39	SPT-10	14.80-15.25
								DS-7	16.00
		11	17	24			41	SPT-11	16.50-16.95
		12	21	25			46	*UDS-6	17.45-17.55
								SPT-12	17.70-18.15
								DS-8	18.50
		10	19	24			43	SPT-13	19.00-19.45
								DS-9	20.00
Medium dense, yellowish brown, silty sand. Obs. kankar.		19.50m							
		9	10	12			22	*UDS-7	20.50-20.95
								SPT-14	21.10-21.55
		9	11	13			24	DS-10	22.00
								SPT-15	22.50-22.95
Dense, whitish grey, silty sand.		24.00m							
		13	19	24			43	*UDS-8	23.50-23.95
								SPT-16	24.10-24.55
		15	21	24			45	SPT-17	25.00-25.45
N.B. - '*' means sample could not be recovered.									



BH-14/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.15

Co-ordinates E=672009.549
N=2479678.555

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 309.513 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Very stiff, reddish brown, clayey silt with sand mixture & kankars.	0.00m								
								DS-1	0.50
								DS-2	1.00
						17		SPT-1	1.50-1.95
		4	8	9					
						16		UDS-1	2.50-2.95
		5	7	9				SPT-2	2.95-3.40
								DS-3	4.00
						18		SPT-3	4.50-4.95
		6	8	10					
						22		UDS-2	5.50-5.95
		5	10	12				SPT-4	5.95-6.40
								DS-4	7.00
						27		SPT-5	7.50-7.95
		7	15	12					
Medium dense to dense, yellowish brown, silty sand with kankars.						29		UDS-3	8.50-8.95
		10	13	16				SPT-6	8.95-9.40
								DS-5	10.00
						28		SPT-7	10.50-10.95
		10	13	15				*UDS-4	11.40-11.85
						31		SPT-8	12.00-12.45
	12.00m	10	14	17				DS-6	13.00
	13.50m								



BH-15/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

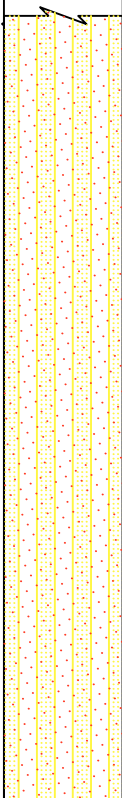
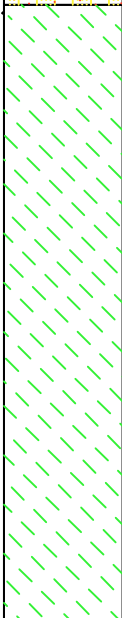
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.15

Co-ordinates E=672009.549
N=2479678.555

Field Test	Nos	Samples	Nos	Commencement Date : 10/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 11/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 309.513 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.00 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES		
		EACH DIVN=15CM					Ref. No	Depth (m)	
Medium dense to dense, yellowish brown, silty sand with kankars.		10	12	14			26	SPT-9	13.50-13.95
								*UDS-5	14.45-14.90
		11	13	15			28	SPT-10	15.00-15.45
								DS-7	16.00
		13	12	16			28	SPT-11	16.50-16.95
								*UDS-6	17.40-17.85
		11	13	17			30	SPT-12	18.00-18.45
								DS-8	19.00
		10	15	16			31	SPT-13	19.50-19.95
								*UDS-7	20.30-20.75
Hard, yellowish grey, silty clay with sand mixture.		9	18	18			36	SPT-14	20.90-21.35
								DS-9	21.80
		13	22	32			54	SPT-15	22.50-22.95
								DS-10	23.40
		14	21	31			52	SPT-16	24.00-24.45
		15	20	33			53	SPT-17	25.00-25.45
N.B. - '*' means sample could not be recovered.									



BH-15/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.16

Co-ordinates E=672052.485
N=2479746.133

Field Test	Nos	Samples	Nos	Commencement Date : 11/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 12/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.009 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.25 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								18	SPT-1	1.50-1.95
		4	8	10						
								15	UDS-1	2.50-2.95
		5	7	8					SPT-2	2.95-3.40
									DS-3	4.00
								21	SPT-3	4.50-4.95
		8	9	12						
								24	UDS-2	5.50-5.95
Hard, reddish brown, silty clay with sand mixture & kankars.		9	10	14					SPT-4	5.95-6.40
									DS-4	7.00
								28	SPT-5	7.50-7.95
		11	12	16						
10.75m								32	UDS-3	8.50-8.95
		13	14	18					SPT-6	8.95-9.40
Medium dense to dense, yellowish brown, silty sand with kankars.									DS-5	10.00
								26	SPT-7	10.50-10.95
		10	12	14					*UDS-4	11.50-11.95
								28	SPT-8	12.10-12.55
13.50m		12	13	15					DS-6	13.10



BH-16/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

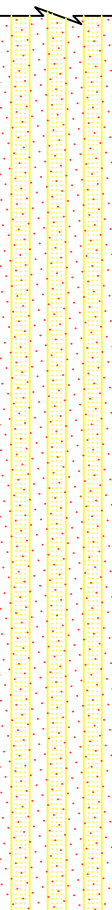

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.16

Co-ordinates E=672052.485
N=2479746.133

Field Test	Nos	Samples	Nos	Commencement Date : 11/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 12/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.009 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.25 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankars.		13	16	20	36	SPT-9	13.50-13.95
						*UDS-5	14.50-14.95
		13	15	18	33	SPT-10	15.10-15.55
						DS-7	16.10
		15	19	19	38	SPT-11	16.50-16.95
						*UDS-6	17.50-17.95
		16	17	19	36	SPT-12	18.10-18.55
						DS-8	19.10
		15	18	18	36	SPT-13	19.50-19.95
						*UDS-7	20.50-20.95
Hard, yellowish grey, silty clay with sand mixture.		17	18	19	37	SPT-14	21.00-21.45
						DS-9	21.70
		18	20	24	44	SPT-15	22.20-22.65
						*UDS-8	23.50-23.95
		15	23	32	55	SPT-16	24.10-24.55
		18	24	26	50	SPT-17	25.00-25.45



BH-16/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.17

Co-ordinates E=E=672080.091
N=2479710.258

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.268 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 11.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									DS-3	2.50
									UDS-1	3.15-3.50
									SPT-2	3.50-3.95
									DS-4	4.50
									SPT-3	5.00-5.45
									*UDS-2	6.00-6.45
									SPT-4	6.60-7.05
Hard, reddish brown, silty clay with sand mixture & kankars.									DS-5	7.50
									SPT-5	8.00-8.45
									UDS-3	9.10-9.55
									SPT-6	9.55-10.00
Dense, light brown, silty sand with kankars.									DS-6	10.50
									SPT-7	11.00-11.45
									WS-1	11.20
									*UDS-4	12.00-12.45
									SPT-8	12.60-13.05
13.50m									DS-7	13.50



BH-17/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

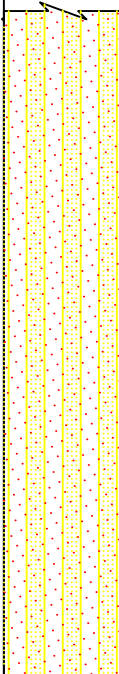
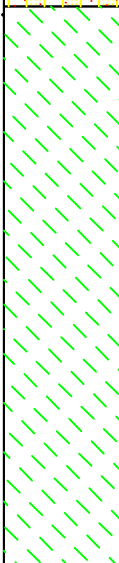
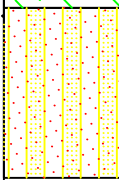
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.17

Co-ordinates E=E=672080.091
N=2479710.258

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 307.268 M.
		Water Sample (WS)	1	Water Struck At :
				Standing Water Level : 11.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
Dense, light brown, silty sand with kankars.		12	13	22	35			SPT-9	14.00-14.45
Hard, brownish grey, silty clay with sand mixture & decomposed rock.		14	15	24	39			DS-9	19.50
Dense, brownish grey with blackish spots, silty sand with clay binder, with kankars & decomposed rock.		15	18	26	44			SPT-16	24.00-24.45
N.B. - '*' means sample could not be recovered.		14	19	25	44			SPT-17	25.00-25.45



BH-17/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

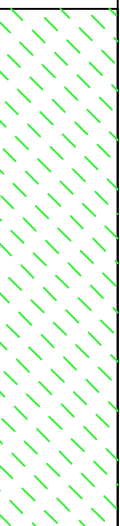
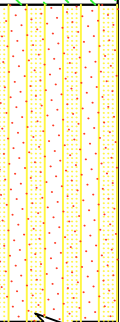
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.18

Co-ordinates E=672135.136
N=2479723.071

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 08/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.665 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
		9	11	14		25			SPT-1	1.45-1.90
									UDS-1	2.50-2.95
		9	13	17		30			SPT-2	2.95-3.40
									DS-3	4.00
4.50m		12	14	21		35			SPT-3	4.50-4.95
Hard, reddish brown, silty clay with sand mixture & kankars.								UDS-2	5.50-5.80	
	15	21	26		47			SPT-4	5.80-6.25	
								DS-4	7.00	
	14	17	23		40			SPT-5	7.55-8.00	
								UDS-3	8.50-8.80	
	12	16	21		37			SPT-6	8.80-9.25	
								DS-5	9.80	
10.80m	13	15	24		39			SPT-7	10.30-10.75	
Medium dense to dense, light brown, silty sand with kankars.								*UDS-4	11.50-11.95	
		8	11	12		23			SPT-8	12.10-12.55
									DS-6	13.00
13.50m										



BH-18/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

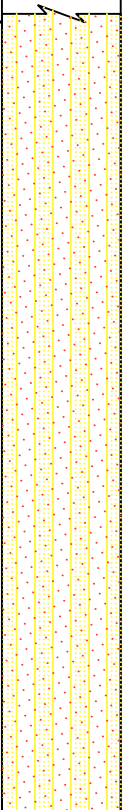
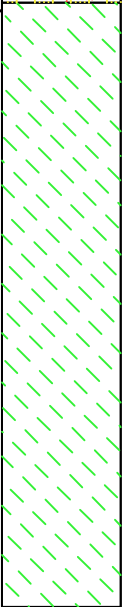
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.18

Co-ordinates E=672135.136
N=2479723.071

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 08/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.665 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.30 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, light brown, silty sand with kankars.		8	10	15			SPT-9	13.50-13.95
							*UDS-5	14.40-14.85
		9	11	17			SPT-10	15.00-15.45
							DS-7	16.00
		10	14	17			SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		12	15	21			SPT-12	18.10-18.55
							DS-8	19.00
		12	15	24			SPT-13	19.50-19.95
Hard, brownish grey to yellowish grey, silty clay with sand mixture & decomposed rock.		14	18	26			UDS-7	20.50-20.75
							SPT-14	20.75-21.20
							DS-9	21.70
		23	20	25			SPT-15	22.20-22.65
							DS-10	23.20
		15	21	27			SPT-16	23.80-24.25
							DS-11	24.70
		15	20	29			SPT-17	25.00-25.45

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



BH-18/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.19

Co-ordinates E=672081.829
N=2479645.992

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 308.249 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, clayey silt with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						24		SPT-1	1.50-1.95
		2	10	14					
						29		UDS-1	2.80-2.95
		8	13	16				SPT-2	2.95-3.40
								DS-3	4.00
						27		SPT-3	4.50-4.95
		12	14	13					
						24		UDS-2	5.50-5.95
9.75m Medium dense to dense, yellowish brown, silty sand with kankars.		9	10	14				SPT-4	5.95-6.40
								DS-4	7.00
						27		SPT-5	7.50-7.95
		9	12	15					
						30		UDS-3	8.50-8.95
		10	13	17				SPT-6	8.95-9.40
13.50m						26		DS-5	10.00
		10	12	14				SPT-7	10.50-10.95
						28		*UDS-4	11.45-11.90
		12	13	15				SPT-8	12.00-12.45
								DS-6	13.00



BH-19/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

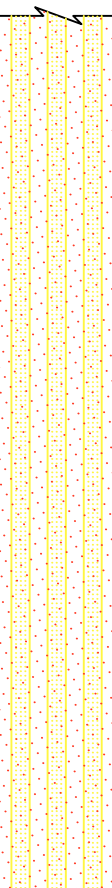

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.19

Co-ordinates E=672081.829
N=2479645.992

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 10/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 308.249 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.00 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kakars.		13	15	19	34	SPT-9	13.50-13.95
						*UDS-5	14.40-14.85
		14	15	17	32	SPT-10	15.00-15.45
						DS-7	16.00
		15	17	18	35	SPT-11	16.50-16.95
						*UDS-6	17.40-17.85
		16	18	20	38	SPT-12	18.00-18.45
						DS-8	19.00
		16	19	20	39	SPT-13	19.50-19.95
						DS-9	20.50
Hard, yellowish grey, silty clay with sand mixture.		17	20	21	41	*UDS-7	21.00-21.10
						SPT-14	21.30-21.75
		17	19	24	43	DS-10	22.40
						SPT-15	23.00-23.45
		15	18	29	47	DS-11	23.80
						SPT-16	24.20-24.65
		15	20	31	51	SPT-17	25.00-25.45



BH-19/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

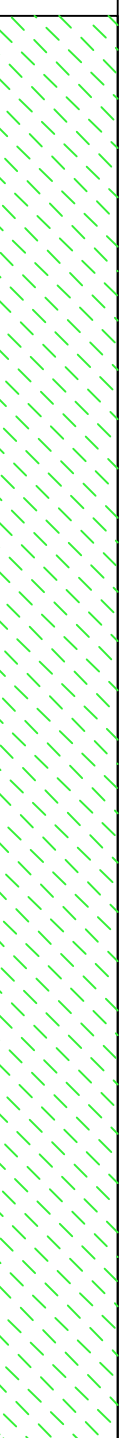
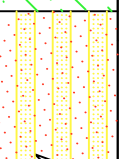
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.20

Co-ordinates E=672139.430
N=2479641.012

Field Test	Nos	Samples	Nos	Commencement Date : 12/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 307.631 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.00 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
								15	SPT-1	1.50-1.95
		7	7	8						
								20	UDS-1	2.50-2.95
		10	11	9					SPT-2	2.95-3.40
									DS-3	4.00
								23	SPT-3	4.50-4.95
		9	12	11						
								25	UDS-2	5.50-5.95
		11	13	12					SPT-4	5.95-6.40
									DS-4	7.00
								26	SPT-5	7.50-7.95
		8	12	14						
Medium dense to dense, yellowish brown, silty sand with kankars.								28	UDS-3	8.50-8.95
		10	13	15					SPT-6	8.95-9.40
									DS-5	10.00
								25	SPT-7	10.50-10.95
		9	12	13						
								27	UDS-4	11.50-11.95
		11	12	15					SPT-8	11.95-12.40
									DS-6	13.00



BH-20/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.20

Co-ordinates E=672139.430
N=2479641.012

Field Test	Nos	Samples	Nos	Commencement Date : 12/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	8	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 307.631 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 10.00 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
13.00m Medium dense to dense, yellowish brown, silty sand with kankars.		10	13	15				28	
								SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		7	12	16				28	
								SPT-10	15.05-15.50
								DS-7	16.00
		11	15	14				29	
								SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
		12	15	20				35	
21.80m Hard, yellowish grey, silty clay with sand mixture.								SPT-12	18.05-18.50
								DS-8	19.00
		11	14	16				30	
								SPT-13	19.50-19.95
								*UDS-7	20.50-20.95
		12	16	18				34	
25.45m N.B. - '*' means sample could not be recovered.								SPT-14	20.60-21.05
								DS-9	21.50
		12	13	18				31	
								SPT-15	22.00-22.45
								UDS-8	23.50-23.95
								DS-10	24.00
		11	14	19				33	
								SPT-16	25.00-25.45



BH-20/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.21

Co-ordinates E=672068.049
N=2479612.050

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 308.638 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.00 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, clayey silt with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								23	SPT-1	1.45-1.90
		9	10	13						
									UDS-1	2.50-2.95
								27	SPT-2	2.95-3.40
		10	12	15						
									DS-3	4.00
								29	SPT-3	4.50-4.95
		12	13	16						
5.80m										
Hard, reddish brown, clayey silt with sand mixture & kankars.									UDS-2	5.50-5.80
								33	SPT-4	5.80-6.25
		13	15	18						
									DS-4	7.00
								38	SPT-5	7.55-8.00
		12	17	21						
								42	UDS-3	8.50-8.80
									SPT-6	8.80-9.25
		12	19	23						
								39	DS-5	9.80
10.75m										
Medium dense to dense, yellowish brown, silty sand with kankars.									SPT-7	10.30-10.75
		13	15	24						
								23	*UDS-4	11.50-11.95
		9	11	12					SPT-8	12.10-12.55
13.50m									DS-6	13.00



BH-21/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

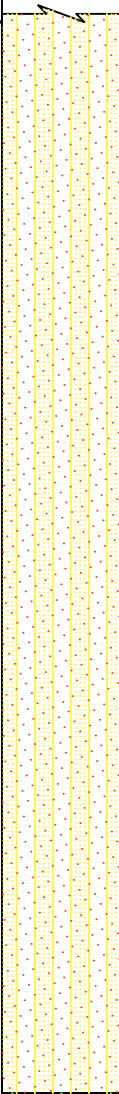
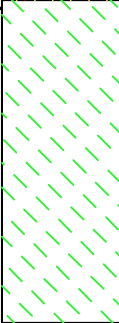
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.21

Co-ordinates E=672068.049
N=2479612.050

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 308.638 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 9.00 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand with kankars.		9	10	11	21	SPT-9	13.50-13.95
						*UDS-5	14.50-14.95
		10	11	15	26	SPT-10	15.00-15.45
						DS-7	16.00
		10	14	17	31	SPT-11	16.50-16.95
						*UDS-6	17.50-17.95
		12	15	21	36	SPT-12	18.10-18.55
						DS-8	19.00
		10	13	13	26	SPT-13	19.50-19.95
						*UDS-7	20.50-20.95
		12	14	16	30	SPT-14	21.00-21.45
						DS-9	21.70
		13	18	18	36	SPT-15	22.20-22.65
						DS-10	23.00
Hard, yellowish grey, silty clay with sand mixture.		14	25	24	49	SPT-16	23.80-24.25
						DS-11	24.70
		12	21	27	48	SPT-17	25.00-25.45



BH-21/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.22

Co-ordinates E=672201.686
N=2479767.050

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.491 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									
Filled up with yellowish brown, silty clay with sand mixture, gravel & kankars.								DS-1	0.50
1.00m								DS-2	1.00
		11	14	16		30		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		6	12	15		27		SPT-2	2.95-3.40
								DS-3	4.00
		7	10	13		23		SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		8	11	14		25		SPT-4	5.95-6.40
								DS-4	7.00
7.50m		7	8	9		17		SPT-5	7.50-7.95
								*UDS-3	8.50-8.95
		6	7	8		15		SPT-6	9.05-9.50
								DS-5	10.00
		8	10	8		18		SPT-7	10.50-10.95
11.00m									



BH-22/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

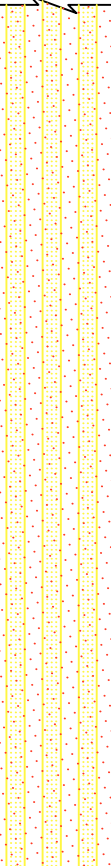

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.22

Co-ordinates E=672201.686
N=2479767.050

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.491 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)	
11.00m Medium dense, yellowish brown, silty sand. Obs. kankars.									*UDS-4	11.50-11.95
		7	13	12		25			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
		10	10	12		22			SPT-10	15.05-15.50
									DS-7	16.00
		7	9	13		22			SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		10	13	18		31			SPT-12	18.05-18.50
17.00m Hard, yellowish grey, silty clay with sand mixture & decomposed rock fragments.								DS-8	18.80	
		11	16	21		37			SPT-13	19.20-19.65
		12	18	24		42			SPT-14	20.00-20.45
20.45m										
N.B. - '*' means sample could not be recovered.										





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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.23

Co-ordinates E=672225.512
N=2479725.312

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.472 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Filled up with yellowish brown, clayey silty sand with kankars, gravel & grass root.									DS-1	0.50
1.00m									DS-2	1.00
		10	12	15				27	SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		8	14	15				29	SPT-2	2.95-3.40
									DS-3	4.00
		8	14	12				26	SPT-3	4.50-4.95
5.50m									UDS-2	5.50-5.95
		11	15	16				31	SPT-4	5.95-6.40
									DS-4	7.00
7.50m		7	10	16				26	SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
		6	11	14				25	SPT-6	9.05-9.50
9.50m									DS-5	10.00
		7	10	12				22	SPT-7	10.50-10.95
11.00m										



BH-23/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

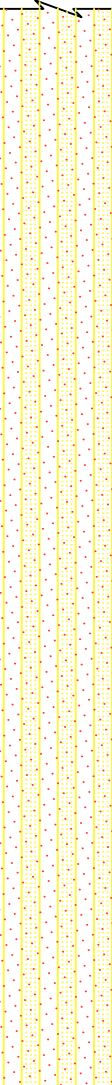

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.23

Co-ordinates E=672225.512
N=2479725.312

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 305.472 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES		
		EACH DIVN=15CM						Ref. No	Depth (m)	
11.00m Medium dense to dense, yellowish brown, silty sand. Obs. kankars.									*UDS-4	11.50-11.95
		8	9	11		20		SPT-8	12.05-12.50	
								DS-6	13.00	
		6	9	8		17		SPT-9	13.50-13.95	
								*UDS-5	14.50-14.95	
		7	8	8		16		SPT-10	15.05-15.50	
								DS-7	16.00	
		8	10	8		18		SPT-11	16.50-16.95	
								*UDS-6	17.50-17.95	
		12	16	22		38		SPT-12	18.05-18.50	
18.50m Hard, yellowish grey, silty clay with sand mixture, kankars & decomposed rock.								DS-8	18.80	
		15	18	25		43		SPT-13	19.20-19.65	
		16	20	28		48		SPT-14	20.00-20.45	
20.45m										
N.B. - '*' means sample could not be recovered.										



BH-23/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.24

Co-ordinates E=672247.948
N=2479659.368

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.563 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs.kankars.									DS-1	0.50
									DS-2	1.00
4.50m										
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.										
8.95m										
Medium dense, yellowish brown, silty sand. Obs. kankars.										
11.00m										



BH-24/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.24

Co-ordinates E=672247.948
N=2479659.368

Field Test	Nos	Samples	Nos	Commencement Date : 13/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 13/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.563 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand. Obs. kankars.	11.00m									
									*UDS-4	11.50-11.95
		9	12	14				26	SPT-8	12.05-12.50
									DS-6	13.00
		8	11	12				23	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		10	9	13				22	SPT-10	15.00-15.45
	15.45m									
N.B. - '*' means sample could not be recovered.										





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

CETEST

Job No : 4732

Created by : Sumona

Created on : 29/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.25

Co-ordinates E=672230.827
N=2479574.439

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.053 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankar.								DS-1	0.50
								DS-2	1.00
		7	8	9		17		SPT-1	1.45-1.90
		9	9	13		22		UDS-1	2.50-2.95
								SPT-2	2.95-3.40
		9	10	13		23		DS-3	4.30
								SPT-3	5.00-5.45
		11	13	17		30		UDS-2	6.05-6.50
9.10m Hard, reddish brown, silty clay with sand mixture & kankar.								SPT-4	6.50-6.95
								DS-4	7.50
		9	12	12		24		SPT-5	8.00-8.45
11.50m Medium dense to dense, light brown, silty sand with kankar.		10	13	21		34		UDS-3	9.10-9.55
								SPT-6	9.55-10.00
								DS-5	10.50
		10	14	22		36		SPT-7	11.00-11.45
		8	11	19		30		*UDS-4	12.00-12.45
15.75m								SPT-8	12.60-13.05
								DS-6	13.50
		10	10	17		27		SPT-9	14.00-14.45
								*UDS-5	15.10-15.55





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.25

Co-ordinates E=672230.827
N=2479574.439

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 306.053 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.90 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, light brown, silty sand with kankar.		12	13	22	35	SPT-10	15.70-16.15
						DS-7	16.60
		13	14	18	32	SPT-11	17.00-17.45
						*UDS-6	17.80-18.25
		12	15	23	38	SPT-12	18.50-18.95
						DS-8	19.50
		14	16	25	41	SPT-13	20.00-20.45
						*UDS-7	21.00-21.10
		18	23	29	52	SPT-14	21.30-21.75
						DS-9	22.40
Hard, brownish grey, silty clay with decomposed rock & sand mixture.		15	20	26	46	SPT-15	23.00-23.45
						DS-10	24.00
		16	21	27	48	SPT-16	24.50-24.95
						DS-11	25.30
		10	04	00	Refusal	*SPT-17	25.80-25.84
		10	00	00	Refusal	*SPT-18	26.00-26.03
						R1	CR=29% RQD=NIL
						R2	CR=32% RQD=NIL
						R3	CR=36% RQD=NIL
						R4	CR=42% RQD=14%
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.						R5	CR=41% RQD=NIL
							26.75
							27.50
							28.25
							29.00
N.B. - '*' means sample could not be recovered.							30.00



BH-25/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.26

Co-ordinates E=672207.730
N=2479488.159

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 04/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 308.527 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture.								DS-1	0.50
								DS-2	1.00
		7	9	9		18		SPT-1	1.50-1.95
								DS-3	2.50
		6	8	12		20		UDS-1	3.00-3.45
								SPT-2	3.45-3.90
4.50m Hard, reddish brown, silty clay with kankars & sand.								DS-4	4.50
		9	13	19		32		SPT-3	5.00-5.45
								UDS-2	6.00-6.40
		10	13	20		33		SPT-4	6.40-6.85
								DS-5	7.50
		9	12	18		30		SPT-5	8.00-8.45
								UDS-3	9.10-9.55
		11	13	22		35		SPT-6	9.55-10.00
12.20m Medium dense to dense, light brownish grey, silty sand with kankars.								DS-6	10.50
		12	15	23		38		SPT-7	11.05-11.50
								*UDS-4	12.20-12.30
13.50m		14	16	23		39		SPT-8	12.50-12.95
								DS-7	13.50



BH-26/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.26

Co-ordinates E=672207.730
N=2479488.159

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 04/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 308.527 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
13.50m Medium dense to dense, light brownish grey, silty sand with kankars.						27			
		10	11	16				SPT-9	14.00-14.45
								*UDS-5	15.00-15.45
		11	13	16		29		SPT-10	15.60-16.05
								DS-8	16.50
		10	12		30			SPT-11	17.00-17.45
					18				
								*UDS-6	18.10-18.55
20.00m Hard, brownish grey, silty clay with sand mixture & decomposed rock.						38			
		13	15	23			SPT-12	18.70-19.15	
								DS-9	19.60
						34	SPT-13	20.00-20.45	
22.50m Hard, yellowish grey, silty clay with fine sand.						35			
		10	13	22			SPT-14	21.60-22.05	
								DS-10	22.50
						34	SPT-15	23.10-23.55	
25.45m N.B. - '*' means sample could not be recovered.						39			
		15	16	23			*UDS-8	24.00-24.10	
							SPT-16	24.20-24.65	
						37	SPT-17	25.00-25.45	



BH-26/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.27

Co-ordinates E=672085.174
N=2479412.276

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.361 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										
Filled up with yellowish brown, clayey silty sand with kankars & gravel.									DS-1	0.50
									DS-2	1.00
1.50m								22		
		7	10	12					SPT-1	1.50-1.95
								29		
		10	13	16					UDS-1	2.50-2.95
									SPT-2	2.95-3.40
								27		
		9	12	15					DS-3	4.00
									SPT-3	4.50-4.95
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.								27		
		9	11	16					UDS-2	5.50-5.95
									SPT-4	5.95-6.40
								25		
		7	12	13					DS-4	7.00
									SPT-5	7.50-7.95
								21		
		6	8	13					UDS-3	8.50-8.95
									SPT-6	8.95-9.40
									DS-5	10.00
								19		
		7	8	11					SPT-7	10.50-10.95
								24		
		8	9	15					*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
									DS-6	13.00
13.50m										



BH-27/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.27

Co-ordinates E=672085.174
N=2479412.276

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.361 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)
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.		7	9	12	21		SPT-9	13.50-13.95
							*UDS-5	14.50-14.95
		6	10	11	21		SPT-10	15.05-15.50
							DS-7	16.00
Medium dense, yellowish brown, silty sand. Obs. kankars.		8	9	11	20		SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		10	11	11	22		SPT-12	18.05-18.50
							DS-8	19.00
		9	11	12	23		SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
Hard, yellowish grey, silty clay with sand mixture & decomposed rock fragments.		11	13	15	28		SPT-14	21.05-21.50
							DS-9	22.00
		14	18	23	41		SPT-15	22.50-22.95
							*UDS-8	23.50-23.60
		16	22	24	46		SPT-16	23.80-24.25
		15	23	26	49		SPT-17	25.00-25.45



BH-27/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.28

Co-ordinates E=672182.809
N=2479408.195

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.408 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m Filled up with yellowish brown, clayey silty sand with kankars & gravel.								DS-1	0.50
1.00m								DS-2	1.00
		7	8	10		18		SPT-1	1.50-1.95
		6	7	10		17		UDS-1	2.50-2.95
								SPT-2	2.95-3.40
								DS-3	4.00
		11	13	15		28		SPT-3	4.50-4.95
		9	14	15		29		UDS-2	5.50-5.95
								SPT-4	5.95-6.40
		9	13	14		27		DS-4	7.00
								SPT-5	7.50-7.95
		10	14	16		30		UDS-3	8.50-8.95
								SPT-6	8.95-9.40
								DS-5	10.00
		9	13	15		28		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
12.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		7	8	6		14		SPT-8	12.05-12.50
13.50m								DS-6	13.00



BH-28/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.28

Co-ordinates E=672182.809
N=2479408.195

Field Test	Nos	Samples	Nos	Commencement Date : 09/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 308.408 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
13.50m Medium dense, yellowish brown, silty sand. Obs. kankars.		8	10	7		17	SPT-9	13.50-13.95
							*UDS-5	14.50-14.95
		9	9	8		17	SPT-10	15.05-15.50
							DS-7	16.00
		6	7	11		18	SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
		8	9	12		21	SPT-12	18.05-18.50
							DS-8	19.00
		10	12	14		26	SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
22.50m Hard, yellowish grey, silty clay with sand mixture, gravel & decomposed rock.		12	13	16		29	SPT-14	21.05-21.50
							DS-9	22.00
		14	18	23		41	SPT-15	22.50-22.95
							*UDS-8	23.50-23.60
		16	19	24		43	SPT-16	23.80-24.25
25.45m		18	21	25		46	SPT-17	25.00-25.45
N.B. - '*' means sample could not be recovered.								





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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.29

Co-ordinates E=672148.470
N=2479381.550

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 309.689 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Filled up with yellowish brown, clayey silty sand with kankars & gravel.								DS-1	0.50
1.00m								DS-2	1.00
		10	11	12	23			SPT-1	1.50-1.95
		9	13	12	25			UDS-1	2.50-2.95
								SPT-2	2.95-3.40
		9	13	14	27			DS-3	4.00
								SPT-3	4.50-4.95
		7	14	15	29			UDS-2	5.50-5.95
								SPT-4	5.95-6.40
		8	12	15	27			DS-4	7.00
								SPT-5	7.50-7.95
		7	11	14	25			UDS-3	8.50-8.95
								SPT-6	8.95-9.40
		6	9	13	22			DS-5	10.00
								SPT-7	10.50-10.95
		9	10	12	22			UDS-4	11.50-11.95
								SPT-8	11.95-12.40
								DS-6	13.00
13.50m									



BH-29/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

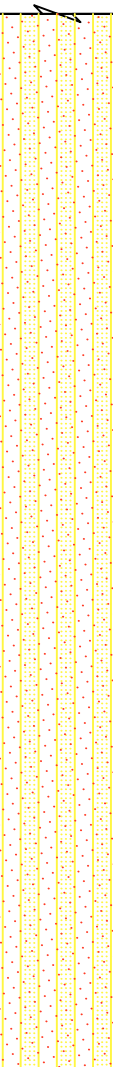

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.29

Co-ordinates E=672148.470
N=2479381.550

Field Test	Nos	Samples	Nos	Commencement Date : 08/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 09/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 309.689 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.10 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
Very stiff, reddish brown, silty clay. Obs. sand mixture & kankars.		7	11	13		24	SPT-9	13.50-13.95
							*UDS-5	14.50-14.95
		6	5	11		16	SPT-10	15.05-15.50
							DS-7	16.00
		7	7	8		15	SPT-11	16.50-16.95
							*UDS-6	17.50-17.95
Medium dense, yellowish brown, silty sand. Obs. kankars.		8	9	8		17	SPT-12	18.05-18.50
							DS-8	19.00
		10	9	10		19	SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
		11	10	11		21	SPT-14	21.05-21.50
							DS-9	22.00
		13	15	18		33	SPT-15	22.50-22.95
Hard, yellowish grey, silty clay with sand mixture, kankars & decomposed rock.		16	18	25		43	*UDS-8	23.50-23.60
							SPT-16	23.80-24.25
		18	18	26		44	SPT-17	25.00-25.45



BH-29/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.30

Co-ordinates E=672276.729
N=2479783.184

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.792 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.		9	10	14	24			DS-1	0.50
								DS-2	1.00
								SPT-1	1.50-1.95
2.50m									
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.		11	15	16	31			UDS-1	2.50-2.95
								SPT-2	2.95-3.40
		12	16	17	33			DS-3	4.00
								SPT-3	4.50-4.95
		15	17	19	36			UDS-2	5.50-5.95
								SPT-4	5.95-6.40
7.50m									
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		8	10	16	26			DS-4	7.00
								SPT-5	7.50-7.95
		7	12	12	24			*UDS-3	8.50-8.95
								SPT-6	9.05-9.50
		8	13	15	28			DS-5	10.00
								SPT-7	10.50-10.95
13.00m									
		9	15	16	31			*UDS-4	11.50-11.95
								SPT-8	12.05-12.50
								DS-6	13.00



BH-30/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.30

Co-ordinates E=672276.729
N=2479783.184

Field Test	Nos	Samples	Nos	Commencement Date : 18/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 18/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 303.792 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
13.00m		12	14	15	29			SPT-9	13.50-13.95
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.		11	16	19	35			*UDS-5	14.50-14.95
								SPT-10	15.05-15.50
								DS-7	16.00
17.50m		16	16	21	37			SPT-11	16.50-16.95
Dense, yellowish grey, silty sand with clay binder, kankar & decomposed rock fragments.		18	21	25	46			*UDS-6	17.50-17.60
								SPT-12	17.80-18.25
19.00m		35	53		>100			DS-8	18.60
19.50m		100			5.0cm Pentn. Refusal			SPT-13	19.00-19.20
Very dense, yellowish grey, silty sand with clay binder, kankar & decomposed rock fragments.					4.0cm Pentn. Refusal			*SPT-14	19.50-19.54 19.50
					NX. drilling from 19.50m to 25.00m			R1	CR=25% RQD=NIL
Highly weathered, yellowish grey, medium grained, fractured rock.								R2	CR=24% RQD=NIL
Highly weathered, yellowish grey, medium grained, fractured rock.								R3	CR=27% RQD=NIL
								R4	CR=29% RQD=NIL
								R5	CR=27% RQD=NIL
								R6	CR=32% RQD=NIL
								R7	CR=34% RQD=NIL
									20.25
									21.00
									21.75
									22.50
									23.25
									24.00
									25.00
25.00m									

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



BH-30/Sheet-2

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

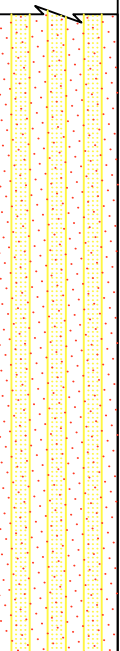
BORE HOLE NO.31

Co-ordinates E=672335.090
N=2479811.953

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 302.913 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.10 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
8.00m										
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.										
11.00m										

BH-31/Sheet-1

Project : Geotech. Inv. Work for setting up 2x660MW SCTPP at HTPS Korba West.										CETEST		
Job No : 4732			Created by : T.SAHA			Created on : 04/06/2024			Sheet No:			
BORE LOG DATA SHEET					BORE HOLE NO.31					Co-ordinates		
Field Test		Nos	Samples		Nos	Commencement Date : 14/05/2024						
Penetrometer (SPT)		10	Undisturbed (UDS)		5	Completion Date : 14/05/2024						
Cone (Pc)			Penetrometer (SPT)		10	Bore Hole Diameter : 150 mm.						
Vane (V)			Disturbed (DS)		6	Level Of Ground : 302.913 M.						
			Water Sample (WS)		0	Water Struck At : Standing Water Level : 11.10 m.						
DESCRIPTION					SYMBOL	N-VALUE					SAMPLES	
						EACH DIVN=15CM					Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.											*UDS-4	11.50-11.95
											SPT-8	12.05-12.50
											DS-6	13.00
											SPT-9	13.50-13.95
											*UDS-5	14.50-14.95
											SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.												

BORE HOLE NO.32

Co-ordinates	E=672366.363 N=2479726.622
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[illegible]

BORE LOG DATA SHEET

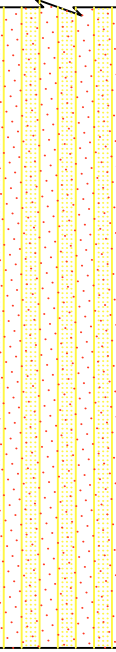
BORE HOLE NO.32

Co-ordinates

E=672366.363

N=2479726.622

Field Test	Nos	Samples	Nos	Commencement Date : 14/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 14/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 303.874 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)
Medium dense, yellowish brown, silty sand. Obs. kankars.		11.00m								
		8 11 13							*UDS-4	11.50-11.95
		24							SPT-8	12.05-12.50
		10 10 13							DS-6	13.00
		23							SPT-9	13.50-13.95
		9 10 14							*UDS-5	14.50-14.95
		15.45m							SPT-10	15.00-15.45
N.B. - '*' means sample could not be recovered.										

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.33

Co-ordinates E=672336.314
N=2479710.258

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 304.405 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 Filled up with yellowish grey, clayey silty sand, ash & kankars.									DS-1	0.50
1.00m									DS-2	1.00
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.		9	10	16			26		SPT-1	1.50-1.95
2.50m									UDS-1	2.50-2.95
		11	14	18			32		SPT-2	2.95-3.40
									DS-3	4.00
		12	13	19			32		SPT-3	4.50-4.95
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.									UDS-2	5.50-5.95
		13	16	20			36		SPT-4	5.95-6.40
									DS-4	7.00
7.50m									SPT-5	7.50-7.95
		10	14	16			30		*UDS-3	8.50-8.95
Medium dense, reddish brown, clayey silty sand. Obs. kankars.									SPT-6	9.05-9.50
		13	10	12			22		DS-5	10.00
									SPT-7	10.50-10.95
		12	11	10			21			
11.00m										

BH-33/Sheet-1

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.33

Co-ordinates E=672336.314
N=2479710.258

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	8	Level Of Ground : 304.405 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)
Medium dense, reddish brown, clayey silty sand. Obs. kankars.	11.00m 11.50m									
									*UDS-4	11.50-11.95
		10	13	17				30	SPT-8	12.05-12.50
									DS-6	13.00
		11	14	18				32	SPT-9	13.50-13.95
Dense, yellowish brown, silty sand. Obs. kankars.									*UDS-5	14.50-14.95
		8	17	18				35	SPT-10	15.05-15.50
									DS-7	16.00
		9	16	19				35	SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
	18.00m	11	18	16				34	SPT-12	18.05-18.50
									DS-8	18.80
Hard, yellowish grey, silty clay with sand mixture, kankars & gravel.		10	19	18				37	SPT-13	19.20-19.65
		11	19	22				41	SPT-14	20.00-20.45
	20.45m									
N.B. - '*' means sample could not be recovered.										



BH-33/Sheet-2

Job No : 4732

Created by : T.SAHA

Created on : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.34

Co-ordinates E=672428.463
N=2479720.557

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.815 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										
Very stiff, reddish brown, silty clay with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								20	SPT-1	1.50-1.95
									UDS-1	2.50-2.95
								22	SPT-2	2.95-3.40
									DS-3	4.00
								25	SPT-3	4.50-4.95
									UDS-2	5.50-5.95
								32	SPT-4	5.95-6.40
									DS-4	7.00
5.50m										
Hard, reddish brown, silty clay with sand mixture & kankars.										
								30	SPT-5	7.50-7.95
									*UDS-3	8.50-8.95
								28	SPT-6	9.05-9.50
									DS-5	10.00
								27	SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
								30	SPT-8	12.05-12.50
									DS-6	13.00
7.50m										
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.										
								30	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
								31	SPT-10	15.05-15.50
									DS-7	16.00
								30	SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
18.00m										

Job No : 4732

Created by : T.SAHA

Created on : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.34

Co-ordinates E=672428.463
N=2479720.557

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.815 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.60 m.

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
Medium dense to dense, yellowish brown, silty sand. Obs. kankars.	18.00m	8	13	25	38	SPT-12	18.05-18.50
					36	DS-8	19.00
		11	16	20		SPT-13	19.50-19.95
					39	*UDS-7	20.50-20.60
Hard, yellowish grey, silty clay with sand mixture, gravel & decomposed rock.		12	17	22		SPT-14	20.80-21.25
					47	DS-9	22.00
		16	21	26		SPT-15	22.50-22.95
					>100	DS-10	23.50
		18	29	52		SPT-16	24.00-24.35
					5.0cm Pentn. Refusal	*SPT-17	24.60-24.63
Highly weathered, yellowish grey to light yellowish brown, medium grained, fractured rock.	24.60m				3.0cm Pentn. NXL drilling from 24.60m to 30.00m	R1	CR=37%/RQD=NIL 24.60
						R2	CR=25% RQD=NIL 25.00
						R3	CR=32% RQD=NIL 25.75
						R4	CR=33% RQD=NIL 26.50
						R5	CR=39% RQD=19% 27.25
Highly weathered, blackish grey, medium grained, fractured rock.	28.00m					R6	CR=31% RQD=NIL 28.00
	28.75m					R7	CR=51% RQD=22% 28.75
Moderately weathered, blackish grey, medium grained, fractured rock.	30.00m					R8	CR=54% RQD=34% 29.50
							30.00

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



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 29/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.35

Co-ordinates E=672467.337
N=2479696.828

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 302.450 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		9	10	12		22		SPT-1	1.50-1.95
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankar.		8	13	15		28		UDS-1	2.50-2.95
								SPT-2	2.95-3.40
								DS-3	4.00
4.50m		11	15	16		31		SPT-3	4.50-4.95
		10	18	22		40		UDS-2	5.50-5.95
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.		8	18	13		31		SPT-4	5.95-6.40
								DS-4	7.00
7.50m		9	17	21		38		SPT-5	7.50-7.95
		10	14	16		30		*UDS-3	8.50-8.95
		11	13	15		28		SPT-6	9.05-9.50
		9	14	15		29		DS-5	10.00
Medium dense to dense, yellowish brown, silty sand. Obs. kankar.		8	15	15		30		SPT-7	10.50-10.95
		10	14	16		30		*UDS-4	11.50-11.95
		9	13	15		28		SPT-8	12.05-12.50
								DS-6	13.00
								SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
								SPT-10	15.05-15.50
								DS-7	16.00
								SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
18.50m		9	13	15		28		SPT-12	18.05-18.50



BH-35/Sheet-1



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.35

Co-ordinates E=672467.337
N=2479696.828

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 302.450 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.50m Medium dense to dense, yellowish brown, silty sand. Obs. kankar.		8	10	14	24			DS-8	19.00
20.00m		7	13	18	31			SPT-13	19.50-19.95
Hard, yellowish grey, silty clay with sand mixture, boulders & decomposed rock fragments.		21	28	30	58			*UDS-7	20.50-20.95
		29	52		>100			SPT-14	21.05-21.50
24.50m		100	10.0	cm Pentn.	Refusal			DS-9	22.00
Highly weathered, whitish grey to pinkish grey, fine grained, fractured rock. Obs. boulder.		4.0	cm Pentn.					SPT-15	22.50-22.95
26.00m		NX. rotary drilling from 24.50m to 35.00m						DS-10	23.50
Highly to moderately weathered, yellowish grey / whitish grey to pinkish grey, fine to medium grained, fractured rock.								SPT-16	24.00-24.25
34.25m								*SPT-17	24.50-24.54
Slightly weathered, yellowish grey to blackish grey, medium grained, fractured rock.								R1	24.54-25.25
								R2	25.25-26.00
								R3	26.00-26.75
								R4	26.75-27.50
								R5	27.50-28.25
								R6	28.25-29.00
								R7	29.00-29.75
								R8	29.75-30.50
								R9	30.50-31.25
								R10	31.25-32.00
								R11	32.00-32.75
								R12	32.75-33.50
								R13	33.50-34.25
								R14	34.25-35.00

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



BH-35/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.36

Co-ordinates E=672412.168
N=2479680.620

Field Test	Nos	Samples	Nos	Commencement Date : 26/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.916 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, silty clay with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
		8	13	15			28	SPT-1	1.50-1.95
02.50m									
Hard, reddish brown, silty clay with sand mixture & kankars.		13	18	19			37	UDS-1	2.50-2.95
								SPT-2	2.95-3.40
								DS-3	4.00
		12	18	21			39	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		19	22	25			47	SPT-4	5.95-6.40
								DS-4	7.00
		15	18	24			42	SPT-5	7.50-7.95
								UDS-3	8.50-8.95
		13	18	25			43	SPT-6	8.95-9.40
								DS-5	10.00
11.00m		15	17	23			40	SPT-7	10.50-10.95
Medium dense, yellowish brown, silty sand. Obs. kankars.								*UDS-4	11.50-11.95
		10	12	16			28	SPT-8	12.05-12.50
								DS-6	13.00
		11	10	15			25	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		9	13	14			27	SPT-10	15.05-15.50
								DS-7	16.00
18.00m		10	15	14			29	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-36/Sheet-1

BORE HOLE NO.36

Co-ordinates	E=672412.168 N=2479680.620
--------------	-------------------------------

DESCRIPTION	SYMBOL	N-VALUE				SAMPLES	
		EACH DIVN=15CM				Ref. No	Depth (m)
18.00m Medium dense, yellowish brown, silty sand. Obs. kankars.		8	13	17	30	SPT-12	18.05-18.50
18.50m Hard, yellowish grey, silty clay with sand mixture. Obs. kankars & decomposed rock.					41	DS-8	19.00
		15	18	23		SPT-13	19.50-19.95
					47	*UDS-7	20.50-20.60
		13	19	28		SPT-14	20.80-21.25
					50	DS-9	21.25
		16	20	30		SPT-15	21.50-21.95
					54	DS-10	22.50
		18	22	32		SPT-16	23.00-23.45
					57	DS-11	24.00
		18	23	34		SPT-17	24.50-24.95
			>100	SPT-18	25.50-25.75		
26.00m		100			10.0cm Pentn. Refusal	*SPT-19	26.00-26.04 26.00
Highly to moderately weathered, yellowish brown, medium grained, fractured rock.					4.0cm Pentn. NX, drilling from 26.00m to 35.00m	R1	CR=29% RQD=NIL 26.75
						R2	CR=35% RQD=NIL 27.50
						R3	CR=43% RQD=NIL 28.25
28.25m						R4	CR=51% RQD=21% 29.00
Moderately weathered, yellowish brown, medium grained, fractured rock.						R5	CR=56% RQD=16% 29.75
						R6	CR=60% RQD=16% 30.50
						R7	CR=51% RQD=16% 31.25
30.50m						R8	CR=68% RQD=23% 32.00
Moderately to slightly weathered, whitish grey to light yellowish brown, medium grained, fractured rock.						R9	CR=53% RQD=NIL 32.75
						R10	CR=84% RQD=40% 33.50
						R11	CR=69% RQD=31% 34.25
32.75m						R12	CR=65% RQD=32% 35.00
35.00m							
N.B. - '*' means sample could not be recovered.							



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 29/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.37

Co-ordinates E=672504.942
N=2479679.571

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.892 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, silty clay with sand mixture. Obs. kankar.								DS-1	0.50
								DS-2	1.00
		8	9	14			23	SPT-1	1.50-1.95
2.95m									
Hard, reddish brown, silty clay with sand mixture. Obs. kankar.		12	14	18			32	UDS-1	2.50-2.95
								SPT-2	2.95-3.40
		11	15	18			33	DS-3	4.00
6.00m									
Medium dense to dense, reddish brown, silty sand with kankar.		9	17	22			39	UDS-2	5.50-5.95
								SPT-4	5.95-6.40
		10	14	17			31	DS-4	7.00
9.00m									
Medium dense, yellowish brown, silty sand. Obs. kankar.		9	13	15			28	*UDS-3	8.50-8.95
								SPT-6	9.05-9.50
								DS-5	10.00
		10	12	14			26	SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		11	13	12			25	SPT-8	12.05-12.50
								DS-6	13.00
		8	10	14			24	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		7	11	12			23	SPT-10	15.05-15.50
								DS-7	16.00
		8	12	11			23	SPT-11	16.50-16.95
18.50m									
		8	10	14			24	*UDS-6	17.50-17.95
								SPT-12	18.05-18.50



BH-37/Sheet-1



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.37

Co-ordinates E=672504.942
N=2479679.571

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.892 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)
Medium dense, yellowish brown, silty sand. Obs. kankar.	18.50m 19.00m							DS-8	19.00
		13	14	16	30			SPT-13	19.50-19.95
Medium dense, yellowish grey, silty sand with gravels & decomposed rock.					28			*UDS-7	20.50-20.95
		12	13	15				SPT-14	21.05-21.50
					47			DS-9	22.00
Hard, Yellowish grey, silty clay with sand mixture, gravels & decomposed rock.	22.50m	16	20	27	>100			SPT-15	22.50-22.95
	24.00m	32	52		5.0 cm Penetr.			SPT-16	23.50-23.70
		00			4.0 cm Penetr.			*SPT-17	24.00-24.04
								R1	24.00
								R2	24.75
								R3	25.50
								R4	26.25
								R5	27.00
								R6	27.75
								R7	28.50
								R8	29.25
								R9	30.00
								R10	30.75
								R11	31.50
								R12	32.25
								R13	33.00
								R14	33.75
								R15	34.50
	35.00m								35.00
NX. rotary drilling from 24.00m to 35.00m									
Highly to moderately weathered, yellowish brown / blackish grey, medium grained, fractured rock.									
N.B. - '*' means sample could not be recovered.									



BH-37/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.38

Co-ordinates E=672555.187
N=2479675.724

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.776 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay. Obs. sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
								25	SPT-1	1.50-1.95
								21	UDS-1	2.50-2.95
									SPT-2	2.95-3.40
								25	DS-3	4.00
									SPT-3	4.50-4.95
5.50m										
Very stiff, reddish brown, silty clay with sand. Obs. kankar.									UDS-2	5.50-5.95
									SPT-4	5.95-6.40
								26	DS-4	7.00
									SPT-5	7.50-7.95
								28	UDS-3	8.50-8.95
									SPT-6	8.95-9.40
								25	DS-5	10.00
Medium dense, yellowish brown, silty sand. Obs. kankar.									SPT-7	10.50-10.95
								23	*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
								23	DS-6	13.00
									SPT-9	13.50-13.95
								27	*UDS-5	14.50-14.95
									SPT-10	15.05-15.50
								22	DS-7	16.00
									SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
									SPT-12	18.05-18.50
18.50m										



BH-38/Sheet-1



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.38

Co-ordinates E=672555.187
N=2479675.724

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.776 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.50m Medium dense, yellowish brown, silty sand. Obs. kankar.		8	8	11	19			DS-8	19.00
20.50m Medium dense, yellowish grey, silty sand with gravels, decomposed rock & boulders fragments.		7	10	19	29			*UDS-7	20.50-20.95
22.50m Hard, yellowish grey, silty clay with sand mixture, gravels, decomposed rock & boulders fragments.		23	26	30	56			SPT-13	19.50-19.95
24.00m Highly weathered, yellowish brown, medium grained, fractured rock. Obs. boulder.		39	55	5.0 cm Pentn.	>100			SPT-14	21.05-21.50
24.75m Highly weathered, yellowish brown to light yellowish brown, medium grained, fractured rock.		00	4.0 cm Pentn.	Refusal				DS-9	22.00
Highly to moderately weathered, yellowish brown to light yellowish brown, medium grained, fractured rock.		NX. rotary drilling from 24.00m to 35.00m						SPT-15	22.50-22.95
								SPT-16	23.50-23.70
								*SPT-17	24.00-24.04
								R1	CR=27% RQD=NIL
								R2	CR=24% RQD=NIL
								R3	CR=23% RQD=NIL
								R4	CR=25% RQD=NIL
								R5	CR=27% RQD=NIL
								R6	CR=33% RQD=NIL
								R7	CR=28% RQD=NIL
Highly to moderately weathered, blackish grey, medium grained, fractured rock.								R8	CR=29% RQD=NIL
								R9	CR=33% RQD=NIL
								R10	CR=40% RQD=15%
								R11	CR=36% RQD=NIL
Moderately weathered, blackish grey, medium grained, fractured rock.								R12	CR=37% RQD=NIL
								R13	CR=35% RQD=NIL
								R14	CR=37% RQD=NIL
								R15	CR=55% RQD=NIL
N.B. - '*' means sample could not be recovered.									



BH-38/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.39

Co-ordinates E=672596.591
N=2479660.386

Field Test	Nos	Samples	Nos	Commencement Date : 04/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 05/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.711 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.25 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.50m Dense, yellowish brown, silty sand with sand mixture & kankar.		14	16	18	34			DS-8	19.00
								SPT-13	19.50-19.95
					37			DS-9	20.50
		15	17	20				SPT-14	21.00-21.45
					>100				
22.00m Very dense, yellowish brown, silty sand with kankar.		24	80					SPT-15	22.00-22.25
22.50m Completely to highly weathered, yellow, medium grained, fractured rock.		00	10.0					*SPT-16	22.50-22.53
			3.0					R1	22.50
								R2	23.25
								R3	24.00
27.00m Highly weathered, yellowish grey to grey, medium grained, fractured rock.								R4	24.75
								R5	25.50
								R6	26.25
								R7	27.00
								R8	27.75
								R9	28.50
								R10	29.25
								R11	30.00
								R12	30.75
								R13	31.50
								R14	32.25
32.25m Moderately weathered, yellowish grey, coarse grained, fractured rock.								R15	33.00
								R16	33.75
								R17	34.50
35.00m									35.00
N.B. - '*' means sample could not be recovered.									



BH-39/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.40

Co-ordinates E=672640.611
N=2479644.912

Field Test	Nos	Samples	Nos	Commencement Date : 27/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.188 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.50 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, clayey silt with sand mixture & kankars.								DS-1	0.50
								DS-2	1.00
						24		SPT-1	1.50-1.95
		9	11	13					
						32		UDS-1	2.50-2.95
2.95m		12	15	17				SPT-2	2.95-3.40
Hard, reddish brown, clayey silt with sand mixture & kankars.						36		DS-3	4.00
		13	16	20				SPT-3	4.50-4.95
						37		UDS-2	5.50-5.95
		14	16	21				SPT-4	5.95-6.40
						39		DS-4	7.00
		15	17	22				SPT-5	7.50-7.95
						35		UDS-3	8.50-8.95
		15	16	19				SPT-6	8.95-9.40
9.60m						28		DS-5	10.00
Medium dense to dense, yellowish brown, silty sand with kankars.		12	13	15				SPT-7	10.50-10.95
						31		*UDS-4	11.50-11.95
		13	15	16				SPT-8	12.00-12.45
						28		DS-6	13.00
		12	13	15				SPT-9	13.50-13.95
						30		*UDS-5	14.50-14.95
		11	14	16				SPT-10	15.00-15.45
						31		DS-7	16.00
		12	15	16				SPT-11	16.50-16.95
18.00m								*UDS-6	17.50-17.95



BH-40/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.40

Co-ordinates E=672640.611
N=2479644.912

Field Test	Nos	Samples	Nos	Commencement Date : 27/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.188 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.50 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m		13	16	18	34		SPT-12	18.00-18.45
Medium dense to dense, yellowish brown, silty sand with kankars.							DS-8	19.00
		14	16	19	35		SPT-13	19.50-19.95
							DS-9	20.50
21.00m		19	33	50	>100		SPT-14	21.00-21.34
Very dense, yellowish brown, silty sand with kankars.								
22.00m					4.0cm Pentn.		*SPT-15	22.00-22.03
Highly weathered, brownish grey to greyish yellow, fine to medium grained, fractured rock. Obs. boulder.					Refusal		R1	CR=23% RQD=NIL
22.75m					3.0cm Pentn.		R2	CR=21% RQD=NIL
Highly weathered, brownish grey to greyish yellow, fine to medium grained, fractured rock. Obs. boulder.					NX. drilling from 22.00m to 35.00m		R3	CR=22% RQD=NIL
							R4	CR=25% RQD=NIL
							R5	CR=22% RQD=NIL
25.75m							R6	CR=28% RQD=NIL
Highly weathered, brownish grey, fine to medium, grained, fractured rock.							R7	CR=27% RQD=NIL
							R8	CR=28% RQD=NIL
							R9	CR=26% RQD=NIL
28.75m							R10	CR=31% RQD=NIL
Highly to moderately weathered, grey, medium to coarse grained, fractured rock.							R11	CR=39% RQD=34%
							R12	CR=33% RQD=14%
							R13	CR=30% RQD=NIL
							R14	CR=39% RQD=15%
							R15	CR=40% RQD=30%
							R16	CR=33% RQD=14%
							R17	CR=28% RQD=NIL
35.00m								35.00

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



BH-40/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.41

Co-ordinates E=672691.930
N=2479654.639

Field Test	Nos	Samples	Nos	Commencement Date : 16/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 302.003 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 Filled up with light grey, clayey silty sand with boulder.									DS-1	0.50
1.00m									DS-2	1.00
Very stiff, reddish brown, silty clay with sand mixture & kankars.		7	9	15				24	SPT-1	1.45-1.90
									DS-3	2.50
		9	11	15				26	UDS-1	3.00-3.30
									SPT-2	3.30-3.75
		10	13	16				29	DS-4	4.50
6.20m Hard, reddish brown, silty clay with sand mixture & kankars.									SPT-3	5.00-5.45
		13	17	22				39	*UDS-2	6.00-6.08
									SPT-4	6.20-6.65
		12	15	21				36	DS-5	7.50
		13	19	23				42	SPT-5	8.00-8.45
10.30m Medium dense, light yellowish brown, silty sand. Obs. kankars.									*UDS-3	9.00-9.10
		9	9	10				19	SPT-6	9.30-9.75
									DS-6	10.30
		9	10	10				20	SPT-7	11.00-11.45
		10	13	11				24	*UDS-4	12.00-12.45
18.00m		10	10	16				26	SPT-8	12.60-13.05
									DS-7	13.50
		12	14	14				28	SPT-9	14.00-14.45
									*UDS-5	15.00-15.45
									SPT-10	15.60-16.05
									DS-8	16.50
									SPT-11	17.00-17.45



BH-41/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.41

Co-ordinates E=672691.930
N=2479654.639

Field Test	Nos	Samples	Nos	Commencement Date : 16/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	7	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 302.003 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, light yellowish brown, silty sand. Obs. kankars.		11	13	15	28			*UDS-6	18.00-18.45
								SPT-12	18.60-19.05
								DS-9	19.50
20.50m		12	16	19	35			SPT-13	20.00-20.45
Hard, yellowish grey, silty clay with decomposed rock & sand mixture.								*UDS-7	21.00-21.10
		14	21	27	48			SPT-14	21.30-21.75
								DS-10	22.20
22.70m		100			Refusal			*SPT-15	22.50-22.53
					3.0cm Pentn. Refusal			*SPT-16	22.70-22.72
					2.0cm Pentn.			R1	22.70-22.72
Highly weathered, yellowish grey, medium grained, fractured rock.					NX, drilling from 22.70m to 35.00m				23.50
								R2	24.25
								R3	25.00
								R4	25.75
								R5	26.50
26.50m								R6	27.25
								R7	28.00
								R8	28.75
								R9	29.50
Highly to moderately weathered, light yellowish grey, medium to fine grained, fractured rock.								R10	30.25
								R11	31.00
								R12	31.75
								R13	32.50
								R14	33.25
								R15	34.00
34.00m								R16	34.00
Moderately weathered, light yellowish grey, medium to fine grained, fractured rock.								DS-11	35.00
35.00m									

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



BH-41/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.42

Co-ordinates E=672733.319
N=2479655.253

Field Test	Nos	Samples	Nos	Commencement Date : 17/05/2024
Penetrometer (SPT)	11	Undisturbed (UDS)	5	Completion Date : 17/05/2024
Cone (Pc)		Penetrometer (SPT)	11	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 294.972 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 7.10 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m									
Very stiff, reddish brown, clayey silt with sand mixture & kankars.		8	11	13	24			DS-1	0.50
								DS-2	1.00
								UDS-1	1.50-1.95
								SPT-1	1.95-2.40
								DS-3	3.00
3.50m									
Hard, reddish brown, clayey silt with sand mixture & kankars.		13	25	31	56			SPT-2	3.50-3.95
4.00m									
Medium dense, light brown, silty sand. Obs. kankars.		7	9	9	18			DS-4	4.50
								*UDS-2	5.00-5.45
		7	9	13	22			SPT-3	5.60-6.05
								DS-5	6.50
		7	9	11	20			SPT-4	7.00-7.45
								DS-6	8.00
		7	9	11	20			*UDS-3	8.50-8.95
								SPT-5	9.10-9.55
		8	10	13	23			DS-7	10.00
								SPT-6	10.50-10.95
13.00m		10	12	13	25			DS-8	11.50
								*UDS-4	12.00-12.45
								SPT-7	12.60-13.05



BH-42/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.43

Co-ordinates E=672745.400
N=2479625.528

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 295.121 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.80 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Hard, reddish brown, clayey silt with sand & kankars.									DS-1	0.50
									DS-2	1.00
		13	21	23			44		SPT-1	1.50-1.95
2.00m										
Medium dense, reddish brown, silty sand. Obs. clay binder & kankars.		9	10	12			22		UDS-1	2.65-3.10
									SPT-2	3.10-3.55
									DS-3	4.00
		7	10	13			23		SPT-3	4.50-4.95
									*UDS-2	5.50-5.95
		8	11	14			25		SPT-4	6.10-6.55
									DS-4	7.00
		9	10	13			23		SPT-5	7.50-7.95
6.80m										
Medium dense to dense, brownish grey, silty sand. Obs. kankars.		10	12	14			26		SPT-6	9.10-9.55
									DS-5	10.00
		10	13	14			27		SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
		10	11	15			26		SPT-8	12.10-12.55
									DS-6	13.00
13.00m										



BH-43/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.43

Co-ordinates E=672745.400
N=2479625.528

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	14	Undisturbed (UDS)	6	Completion Date : 16/05/2024
Cone (Pc)		Penetrometer (SPT)	14	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 295.121 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 6.80 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
13.00m		12	13	14	27			SPT-9	13.50-13.95
Medium dense to dense, brownish grey, silty sand. Obs. kankars.		13	15	13	28			*UDS-5	14.55-15.00
								SPT-10	15.10-15.55
								DS-7	16.00
18.00m		12	16	27	43			SPT-11	16.50-16.95
								*UDS-6	17.45-17.90
								SPT-12	18.00-18.35
Very dense, yellowish grey, silty sand with clay binder & kankar.		22	36	50	>100			DS-8	18.70
19.10m		100			5.0cm Pentn. Refusal			*SPT-13	18.90-18.93
		100			3.0cm Pentn. Refusal			*SPT-14	19.10-19.13
Highly weathered, light yellowish grey to yellowish brown, medium grained, fractured rock.					3.0cm Pentn.			R1	19.10-19.13
19.80m					NX, drilling from 19.10m to 25.00m				19.80
Highly weathered, light yellowish grey to yellowish brown, medium grained, fractured rock.								R2	CR=28% RQD=NIL
								R3	CR=30% RQD=NIL
								R4	CR=25% RQD=16%
								R5	CR=30% RQD=NIL
								R6	CR=29% RQD=NIL
								R7	CR=32% RQD=20%
								R8	CR=34% RQD=14%
									24.25
25.00m									25.00

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



BH-43/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.44

Co-ordinates E=672620.710
N=2479615.417

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.391 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.70 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, clayey silt with sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
								24	SPT-1	1.50-1.95
		9	11	13					UDS-1	2.50-2.95
								26	SPT-2	2.95-3.40
		10	12	14					DS-3	4.00
								30	SPT-3	4.50-4.95
		10	13	17						
								35	UDS-2	5.50-5.95
		11	16	19					SPT-4	5.95-6.40
5.50m										
Hard, reddish brown, clayey silt with sand mixture & kankars.									DS-4	7.00
									SPT-5	7.50-7.95
		10	14	18				32		
								34	UDS-3	8.50-8.95
		11	15	19					SPT-6	8.95-9.40
								28	DS-5	10.00
		10	13	15					SPT-7	10.50-10.95
								29	*UDS-4	11.50-11.95
		11	14	15					SPT-8	12.00-12.45
9.80m										
Medium dense to dense, yellowish brown, silty sand with kankars.									DS-6	13.00
									SPT-9	13.50-13.95
		10	13	14				27		
								30	*UDS-5	14.50-14.95
		11	14	16					SPT-10	15.00-15.45
									DS-7	16.00
								32	SPT-11	16.50-16.95
		12	15	17						
									*UDS-6	17.50-17.95
18.00m										



BH-44/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.44

Co-ordinates E=672620.710
N=2479615.417

Field Test	Nos	Samples	Nos	Commencement Date : 29/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.391 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 14.70 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	16	18	34		SPT-12	18.00-18.45
					34		DS-8	19.00
		13	16	18	34		SPT-13	19.50-19.95
20.50m Very dense, yellowish brown, silty sand with kankars.		19	31	50	>100		SPT-14	20.50-20.85
21.30m Highly weathered, brownish grey, fine to medium grained, fractured rock. Obs. boulder.		100			5.0cm Pentn. Refusal		*SPT-15	21.30-21.33
					3.0cm Pentn. NX, drilling from 21.30m to 35.00m		R1	CR=23% RQD=NIL
							R2	CR=22% RQD=NIL
							R3	CR=26% RQD=NIL
							R4	CR=35% RQD=NIL
							R5	CR=24% RQD=NIL
							R6	CR=29% RQD=NIL
							R7	CR=39% RQD=33%
							R8	CR=26% RQD=NIL
							R9	CR=39% RQD=25%
							R10	CR=45% RQD=14%
							R11	CR=37% RQD=NIL
							R12	CR=42% RQD=18%
							R13	CR=38% RQD=NIL
							R14	CR=43% RQD=14%
							R15	CR=50% RQD=34%
							R16	CR=42% RQD=14%
33.25m Moderately weathered, grey, coarse grained, fractured rock.							R17	CR=54% RQD=30%
							R18	CR=49% RQD=15%
35.00m N.B. - '*' means sample could not be recovered.								35.00



BH-44/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.45

Co-ordinates E=672613.579
N=2479635.789

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.527 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								DS-1	0.50
								DS-2	1.00
						24		SPT-1	1.50-1.95
		9	11	13				UDS-1	2.50-2.95
						26		SPT-2	2.95-3.40
		10	12	14				DS-3	4.00
						28		SPT-3	4.50-4.95
		10	13	15				UDS-2	5.50-5.95
5.50m						32		SPT-4	5.95-6.40
		11	16	16				DS-4	7.00
						36		SPT-5	7.50-7.95
		13	15	21				UDS-3	8.50-8.95
8.95m						45		SPT-6	8.95-9.40
		18	20	25				DS-5	10.00
						37		SPT-7	10.50-10.95
		15	17	20				*UDS-4	11.50-11.95
						31		SPT-8	12.00-12.45
		12	15	16				DS-6	13.00
						34		SPT-9	13.50-13.95
		14	16	18				*UDS-5	14.50-14.95
						36		SPT-10	15.00-15.45
		15	17	19				DS-7	16.00
						38		SPT-11	16.50-16.95
		16	18	20				*UDS-6	17.50-17.95
						33		SPT-12	18.00-18.45
		15	16	17					
18.50m									



BH-45/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.45

Co-ordinates E=672613.579
N=2479635.789

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.527 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)
18.50m Dense, yellowish brown, silty sand with kankar.		16	18	20	38			DS-8	19.00
								SPT-13	19.50-19.95
21.00m Very dense, yellowish brown, silty sand with kankar.		21	33	50	>100			DS-9	20.50
22.00m Highly weathered, greyish yellow, coarse grained fractured rock. Obs. boulder.		00			4.0 cm Pentn. Refusal			SPT-14	21.00-21.34
22.75m Highly weathered, greyish yellow, coarse grained fractured rock.					4.0 cm Pentn.			*SPT-15	22.00-22.04 22.00
24.25m Highly weathered, greyish yellow, coarse grained fractured rock.								R1	CR=26% RQD=NIL 22.75
								R2	CR=21% RQD=NIL 23.50
								R3	CR=25% RQD=NIL 24.25
								R4	CR=26% RQD=NIL 25.00
								R5	CR=31% RQD=NIL 25.75
								R6	CR=30% RQD=NIL 26.50
								R7	CR=33% RQD=NIL 27.25
								R8	CR=29% RQD=NIL 28.00
								R9	CR=34% RQD=15% 28.75
								R10	CR=38% RQD=22% 29.50
								R11	CR=37% RQD=27% 30.25
								R12	CR=34% RQD=14% 31.00
								R13	CR=35% RQD=18% 31.75
								R14	CR=34% RQD=NIL 32.50
								R15	CR=35% RQD=NIL 33.25
								R16	CR=40% RQD=29% 34.00
34.00m Highly weathered, grey, coarse grained fractured rock conglomeric sandstone.								R17	CR=39% RQD=14% 35.00
35.00m									
N.B. - '*' means sample could not be recovered.									



BH-45/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.46

Co-ordinates E=672547.566
N=2479637.369

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.091 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								DS-1	0.50
								DS-2	1.00
		9	10	14			24	SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		10	12	25			37	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
		11	14	15			29	SPT-4	5.95-6.40
								DS-4	7.00
							31	SPT-5	7.50-7.95
7.50m		12	15	16				UDS-3	8.50-8.95
								SPT-6	8.95-9.40
8.70m		13	15	17			32	DS-5	10.00
								SPT-7	10.50-10.95
		9	12	13			25	*UDS-4	11.50-11.95
								SPT-8	12.00-12.45
		10	12	14			26	DS-6	13.00
								SPT-9	13.50-13.95
		11	13	16			29	*UDS-5	14.50-14.95
								SPT-10	15.00-15.45
		12	14	17			31	DS-7	16.00
								SPT-11	16.50-16.95
		13	15	18			33	*UDS-6	17.50-17.95
18.00m									



BH-46/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.46

Co-ordinates E=672547.566
N=2479637.369

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.091 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)
18.00m		14	16	20	36		SPT-12	18.00-18.45
							DS-8	19.00
		15	17	21	38		SPT-13	19.50-19.95
							DS-9	20.50
		16	18	22	40		SPT-14	21.00-21.45
							DS-10	22.00
					>100		SPT-15	23.00-23.34
23.00m		26	34	50	Refusal		*SPT-16	24.00-24.03
24.00m					4.0cm Pentn.		R1	24.00
24.75m					3.0cm Pentn.		R2	24.75
Highly weathered, greyish yellow to grey, coarse grained, fractured rock. Obs. boulder.		NX. drilling from 24.00m to 35.00m						
							R3	25.50
							R4	26.25
							R5	27.00
							R6	27.75
							R7	28.50
							R8	29.25
							R9	30.00
							R10	30.75
							R11	31.50
							R12	32.25
							R13	33.00
							R14	33.75
							R15	34.50
								35.00
32.25m								
33.00m								
35.00m								
N.B. - '*' means sample could not be recovered.								





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

CETEST

Job No : 4732

Created by : Sumona

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.47

Co-ordinates E=672525.736
N=2479664.432

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.915 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
						20		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
						23		SPT-2	2.95-3.40
								DS-3	4.00
						24		SPT-3	4.50-4.95
								UDS-2	5.50-5.95
5.95m						38		SPT-4	5.95-6.40
								DS-4	7.00
						35		SPT-5	7.50-7.95
								*UDS-3	8.50-8.95
						33		SPT-6	9.05-9.50
9.50m								DS-5	10.00
						23		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
						22		SPT-8	12.05-12.50
								DS-6	13.00
						23		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
						28		SPT-10	15.05-15.50
								DS-7	16.00
						27		SPT-11	16.50-16.95
								*UDS-6	17.50-17.95
						38		SPT-12	18.05-18.50
18.50m									



BH-47/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.47

Co-ordinates E=672525.736
N=2479664.432

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.915 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.20 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.50m Medium dense to dense, yellowish brown, silty sand. Obs. kankar.		16	23	22	45			DS-8	19.00
20.20m		13	19	21	40			SPT-13	19.50-19.95
Dense to very dense, yellowish grey, silty sand with clayey binder, gravel & decomposed rock fragments.		15	20	22	42			*UDS-7	20.50-20.60
24.00m		29	52		>100			SPT-14	20.80-21.25
Highly weathered, pinkish white, fine grained, fractured rock. Obs. boulder.		00			Refusal			DS-9	22.00
24.75m					5.0 cm Pentn.			SPT-15	22.50-22.95
Highly to moderately weathered, yellowish brown, medium grained, fractured rock.					3.0 cm Pentn.			SPT-16	23.50-23.70
27.00m					NX. rotary drilling from 24.00m to 35.00m			*SPT-17	24.00-24.03
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.								R1	24.00
34.50m								R2	24.75
Moderately weathered, blackish grey, medium grained, fractured rock.								R3	25.50
35.00m								R4	26.25
								R5	27.00
								R6	27.75
								R7	28.50
								R8	29.25
								R9	30.00
								R10	30.75
								R11	31.50
								R12	32.25
								R13	33.00
								R14	33.75
								R15	34.50
									35.00

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




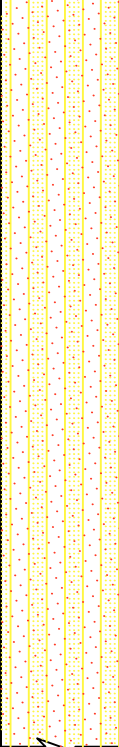
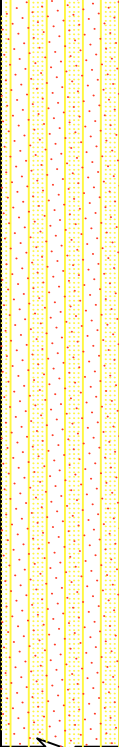
BH-47/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.48

Co-ordinates	E=672497.592 N=2479657.168
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Field Test	Nos	Samples	Nos	Commencement Date :	28/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date :	30/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground :	303.252 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)
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.										DS-1	0.50
										DS-2	1.00
		6	9	10		19				SPT-1	1.50-1.95
						24				UDS-1	2.50-2.95
		7	11	13						SPT-2	2.95-3.40
						22				DS-3	4.00
		8	10	12						SPT-3	4.50-4.95
						18				UDS-2	5.50-5.95
		7	8	10						SPT-4	5.95-6.40
						17				DS-4	7.00
Medium dense, yellowish brown, silty sand with kankars.		8	9	8					SPT-5	7.50-7.95	
						15				UDS-3	8.50-8.95
		8	8	7						SPT-6	8.95-9.40
						22				DS-5	10.00
		10	11	11						SPT-7	10.50-10.95
						25				*UDS-4	11.50-11.95
		11	13	12						SPT-8	12.05-12.50
						27				DS-6	13.00
		9	14	13						SPT-9	13.50-13.95
						26				*UDS-5	14.50-14.95
		10	14	12					SPT-10	15.05-15.50	
						25				DS-7	16.00
		10	12	13					SPT-11	16.50-16.95	
									*UDS-6	17.50-17.95	



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.48

Co-ordinates E=672497.592
N=2479657.168

Field Test	Nos	Samples	Nos	Commencement Date : 28/04/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	7	Completion Date : 30/04/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.252 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 Medium dense, yellowish brown, silty sand with kankars.		13	14	16	30		SPT-12	18.05-18.50
					41		DS-8	19.00
19.95m Hard, yellowish grey, silty clay with sand mixture, gravel & decomposed rock.		15	18	23	44		SPT-13	19.50-19.95
		19	21	23	48		*UDS-7	20.50-20.60
		17	18	30	>100		SPT-14	20.80-21.25
		29	52				DS-9	22.00
					5.0cm Pentn. Refusal		SPT-15	22.50-22.95
24.00m Highly weathered, whitish grey, fine grained, fractured rock. Obs. boulder.					4.0cm Pentn. Refusal		SPT-16	23.50-23.70
24.75m Completely to highly weathered, yellowish brown / whitish grey, fine to medium grained, fractured rock.					Refusal		*SPT-17	24.00-24.04 24.00
					3.0cm Pentn. Refusal		R1	CR=21% RQD=NIL 24.75
					2.0cm Pentn. Refusal		R2	CR=10% RQD=NIL 25.50
					NX. drilling from 24.00m to 35.00m		*SPT-18	25.50-25.53 25.50
							R3	CR=15% RQD=NIL 26.25
							*SPT-19	26.25-26.27 26.25
							R4	CR=21% RQD=NIL 27.00
							R5	CR=27% RQD=NIL 27.75
							R6	CR=27% RQD=NIL 28.50
							R7	CR=28% RQD=NIL 29.25
							R8	CR=32% RQD=NIL 30.00
							R9	CR=45% RQD=15% 30.75
							R10	CR=40% RQD=NIL 31.50
							R11	CR=41% RQD=NIL 32.25
							R12	CR=37% RQD=16% 33.00
							R13	CR=49% RQD=37% 33.75
							R14	CR=40% RQD=NIL 34.50
							R15	CR=50% RQD=24% 35.00
35.00m N.B. - '*' means sample could not be recovered.								



BH-48/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.49

Co-ordinates	E=672469.592 N=2479642.668
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Field Test	Nos	Samples	Nos	Commencement Date :	17/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date :	19/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter :	150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground :	303.519 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	12.70 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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.49

Co-ordinates E=672469.592
N=2479642.668

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 19/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.519 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 with kankars.		12	16	23	39			*UDS-6	18.00-18.45
								SPT-12	18.60-19.05
19.30m Very stiff to hard, brownish grey, silty clay with kankars & decomposed rock.		11	11	16	27			DS-9	19.50
								SPT-13	20.00-20.45
		11	13	19	32			UDS-7	21.00-21.45
								SPT-14	21.45-21.90
		13	19	25	44			DS-10	22.50
								SPT-15	23.00-23.45
								DS-11	24.00
		23	45	55	>100			SPT-16	24.40-24.75
25.00m Highly weathered, pinkish grey to blackish grey, fine grained, fractured rock. Obs. boulder.		00			5.0cm Pentn. Refusal			*SPT-17	25.00-25.04 25.00
25.75m Highly to moderately weathered, yellowish grey, medium grained, fractured rock.					4.0cm Pentn. NX drilling from 25.00m to 35.00m			R1	CR=29% RQD=NIL 25.75
								R2	CR=28% RQD=NIL 26.50
								R3	CR=29% RQD=NIL 27.25
								R4	CR=28% RQD=NIL 28.00
								R5	CR=46% RQD=NIL 28.75
								R6	CR=41% RQD=NIL 29.50
								R7	CR=40% RQD=NIL 30.25
								R8	CR=40% RQD=NIL 31.00
								R9	CR=45% RQD=NIL 31.75
								R10	CR=44% RQD=NIL 32.50
								R11	CR=52% RQD=NIL 33.25
								R12	CR=44% RQD=NIL 34.00
								R13	CR=42% RQD=NIL 35.00
35.00m N.B. - '*' means sample could not be recovered.									



BH-49/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.50

Co-ordinates E=672439.164
N=2479652.727

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 304.110 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)
Very stiff, reddish brown, silty clay with sand mixture & kankars.	0.00m								DS-1	0.50
									DS-2	1.00
						25			SPT-1	1.55-2.00
		9	12	13					DS-3	2.40
						28			UDS-1	3.00-3.45
		10	13	15					SPT-2	3.45-3.90
						27			DS-4	4.50
		9	11	16					SPT-3	5.10-5.55
						41			*UDS-2	6.00-6.10
	6.30m	12	18	23					SPT-4	6.30-6.75
Hard, reddish brown, silty clay with sand mixture & kankars.						39			DS-5	7.30
		12	15	24					SPT-5	8.00-8.45
						33			UDS-3	9.00-9.45
		13	12	21					SPT-6	9.45-9.90
						27			DS-6	10.50
	11.00m	9	12	15					SPT-7	11.10-11.55
Medium dense to dense, yellowish brown, silty sand with kankars.						30			*UDS-4	12.00-12.45
		9	13	17					WS-1	12.30
						32			SPT-8	12.60-13.05
		9	13	19					DS-7	13.50
						34			SPT-9	14.00-14.45
		12	18	16					*UDS-5	15.00-15.45
						37			SPT-10	15.60-16.05
		12	14	23					DS-8	16.50
									SPT-11	17.00-17.45
	18.00m									



BH-50/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.50

Co-ordinates E=672439.164
N=2479652.727

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	7	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	12	Level Of Ground : 304.110 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)
18.00m Medium dense to dense, yellowish brown, silty sand with kankars.		11	12	21	33			*UDS-6	18.10-18.55
								SPT-12	18.70-19.15
19.50m		14	18	24	42			DS-9	19.50
								SPT-13	20.00-20.45
		15	23	26	49			*UDS-7	21.00-21.10
								SPT-14	21.30-21.75
								DS-10	22.30
		13	18	24	42			SPT-15	23.00-23.45
								DS-11	24.00
24.50m		15	20	25	45			SPT-16	24.50-24.95
								DS-12	25.50
Dense, yellowish grey, silty sand with clay binder.		24	46	54	>100			SPT-17	26.00-26.32
26.50m		100			2.0cm Pentn. Refusal			*SPT-18	26.50-26.54
27.00m					4.0cm Pentn. NX, drilling from 26.50m to 35.00m			R1	CR=38% RQD=NIL
								R2	CR=25% RQD=NIL
								R3	CR=26% RQD=NIL
								R4	CR=29% RQD=NIL
								R5	CR=44% RQD=38%
30.00m								R6	CR=41% RQD=25%
								R7	CR=49% RQD=29%
								R8	CR=56% RQD=30%
								R9	CR=45% RQD=36%
33.00m								R10	CR=52% RQD=28%
								R11	CR=69% RQD=29%
								R12	CR=76% RQD=56%
35.00m									

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



BH-50/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.51

Co-ordinates E=672436.876
N=2479631.236

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.884 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		10	11	17		28		SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		13	15	21		36		SPT-2	2.95-3.40
								DS-3	4.00
		12	13	15		28		SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		11	12	17		29		SPT-4	5.95-6.40
								DS-4	7.00
								DS-4	7.00
		11	12	20		32		SPT-5	7.50-7.95
								UDS-3	8.50-8.95
		13	15	21		36		SPT-6	8.95-9.40
								DS-5	10.00
		9	10	13		23		SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		9	9	16		25		SPT-8	12.20-12.65
								DS-6	13.00
		10	15	19		34		SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		10	15	18		33		SPT-10	15.10-15.55
								DS-7	16.00
		13	16	24		40		SPT-11	16.50-16.95
								*UDS-6	17.40-17.85
18.00m									



BH-51/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.51

Co-ordinates E=672436.876
N=2479631.236

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 303.884 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 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.		14	17	26	43		SPT-12	18.00-18.45
					37		DS-8	19.00
20.40m Very stiff, brownish grey, silty clay with sand mixture & decomposed rock.		12	13	24			SPT-13	19.50-19.95
					29		DS-9	20.40
23.00m		11	12	17	34		UDS-7	21.00-21.45
		10	13	21			SPT-14	21.45-21.90
26.50m Dense, brownish grey, silty sand with clay binder.		13	16	25	41		DS-10	22.50
					>100		SPT-15	23.00-23.45
		17	37	58			*UDS-8	24.00-24.10
					2.0cm Pentn. Refusal		SPT-16	24.30-24.75
					4.0cm Pentn. NX. drilling from 26.50m to 35.00m		DS-11	25.30
							SPT-17	26.00-26.32
33.25m Highly to moderately weathered, yellowish grey, medium grained, fractured rock. Obs. boulder in R1.							*SPT-18	26.50-26.54 26.50
							R1	CR=32% RQD=NIL 27.25
							R2	CR=37% RQD=NIL 28.00
							R3	CR=34% RQD=18% 28.75
							R4	CR=35% RQD=22% 29.50
							R5	CR=38% RQD=14% 30.25
							R6	CR=32% RQD=NIL 31.00
							R7	CR=38% RQD=NIL 31.75
							R8	CR=49% RQD=42% 32.50
							R9	CR=45% RQD=14% 33.25
35.00m Moderately to slightly weathered, blackish grey, fine grained, fractured rock.							R10	CR=66% RQD=43% 34.00
							R11	CR=80% RQD=77% 35.00





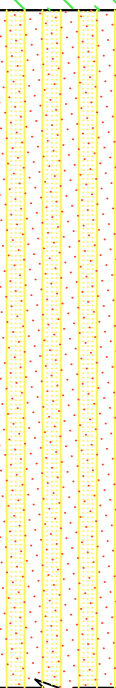
BH-51/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.52

Co-ordinates	E=672393.408 N=2479631.694
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Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	17	Undisturbed (UDS)	7	Completion Date : 24/04/2024
		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
		Disturbed (DS)	11	Level Of Ground : 304.980 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.50 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH DIVN=15CM								Ref. No	Depth (m)
0.00m Very stiff, reddish brown, silty clay with sand mixture & kankars.										DS-1	0.50
										DS-2	1.00
									24	SPT-1	1.50-1.95
		8	11	13						DS-3	2.50
									29	UDS-1	3.10-3.55
		9	13	16						SPT-2	3.55-4.00
										DS-4	4.50
									31		
										SPT-3	5.00-5.45
		10	15	16							
05.00m Hard, reddish brown, silty clay with sand mixture & kankars.										UDS-2	6.05-6.50
									33	SPT-4	6.50-6.95
		10	14	19						DS-5	7.50
									34	SPT-5	8.10-8.55
		11	13	21						UDS-3	8.90-9.35
									38	SPT-6	9.35-9.80
		11	16	22						DS-6	10.30
									30	SPT-7	11.00-11.45
		9	12	18						*UDS-4	12.00-12.45
10.30m Dense, yellowish brown, silty sand with kankars.										SPT-8	12.60-13.05
									34	DS-7	13.50
		9	13	21						SPT-9	14.00-14.45
									33		
		10	14	19						*UDS-5	15.10-15.55
									34	SPT-10	15.70-16.15
		13	13	21						DS-8	16.60
									33	SPT-11	17.00-17.45
		10	15	18							
18.00m											



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.52

Co-ordinates E=672393.408
N=2479631.694

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 24/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.980 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 Dense, yellowish brown, silty sand with kankars.		12	15	24	39			*UDS-6 SPT-12	18.00-18.45 18.60-19.05
19.50m Hard, brownish grey, silty clay with sand mixture.		15	18	26	44			DS-9 SPT-13	19.50 20.00-20.45
21.20m		15	22	25	47			*UDS-7 SPT-14	21.00-21.10 21.20-21.65
25.00m Dense, brownish grey, silty sand with decomposed rock & clay binder.		13	21	28	49			DS-10 SPT-15	22.20 22.80-23.25
		42	56		>100			DS-11 SPT-16	24.00 24.50-24.70
		100			5.0cm Pentn. Refusal			*SPT-17	25.00-25.03 25.00
					3.0cm Pentn. NX, drilling from 25.00m to 35.00m			R1	CR=32% RQD=NIL 25.75
								R2	CR=34% RQD=NIL 26.50
								R3	CR=38% RQD=NIL 27.25
								R4	CR=30% RQD=14% 28.00
								R5	CR=34% RQD=29% 28.75
								R6	CR=37% RQD=14% 29.50
								R7	CR=33% RQD=NIL 30.25
								R8	CR=46% RQD=29% 31.00
								R9	CR=54% RQD=41% 31.75
								R10	CR=45% RQD=NIL 32.50
								R11	CR=46% RQD=NIL 33.25
33.25m Slightly weathered, yellowish grey to blackish grey, medium grained, fractured rock.								R12	CR=64% RQD=NIL 34.00
35.00m								R13	CR=62% RQD=39% 35.00

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



BH-52/Sheet-2



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.53

Co-ordinates E=672337.974
N=2479634.771

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.054 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Very stiff, reddish brown, silty clay with sand mixture. Obs. kankars.									DS-1	0.50
									DS-2	1.00
4.50m										
Hard, reddish brown, silty clay with sand mixture. Obs. kankars.										
10.00m										
Medium dense, yellowish brown, silty sand. Obs. kankars.										
11.00m										



BH-53/Sheet-1



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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 04/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.53

Co-ordinates E=672337.974
N=2479634.771

Field Test	Nos	Samples	Nos	Commencement Date : 15/05/2024
Penetrometer (SPT)	10	Undisturbed (UDS)	5	Completion Date : 15/05/2024
Cone (Pc)		Penetrometer (SPT)	10	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	6	Level Of Ground : 305.054 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 11.90 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Medium dense, yellowish brown, silty sand. Obs. kankars.	11.00m									
									*UDS-4	11.50-11.95
		10	13	14					SPT-8	12.05-12.50
									DS-6	13.00
		8	12	13					SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
		9	12	15					SPT-10	15.00-15.45
	15.45m									

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



BH-53/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.54

Co-ordinates E=672318.957
N=2479594.421

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 305.895 m.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.7 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
Very stiff, reddish brown, silty clay with sand mixture & kankar.	0.00m									
									DS-1	0.50
									DS-2	1.00
							21		SPT-1	1.50-1.95
		7	9	12						
							24		UDS-1	2.50-2.95
		7	10	14					SPT-2	2.95-3.40
									DS-3	4.00
							23		SPT-3	4.50-4.95
		8	10	13						
Medium dense to dense, yellowish brown, silty sand with kankar.	9.70m									
									UDS-2	5.50-5.95
							29		SPT-4	5.95-6.40
		10	13	16						
									DS-4	7.00
							26		SPT-5	7.60-8.05
		9	11	15						
							28		UDS-3	8.50-8.95
		8	12	16					SPT-6	8.95-9.40
									DS-5	10.00
							28		SPT-7	10.50-10.95
		9	11	17					*UDS-4	11.55-12.00
							31		SPT-8	12.20-12.65
		10	13	18					DS-6	13.00
							35		SPT-9	13.55-14.00
		9	12	23						
									*UDS-5	14.50-14.95
							33		SPT-10	15.10-15.55
		10	13	20						
	15.75m									



BH-54/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

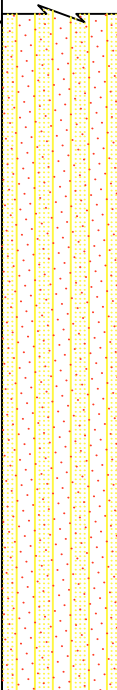
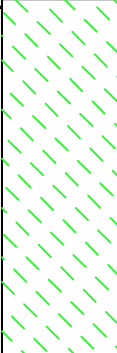
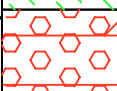
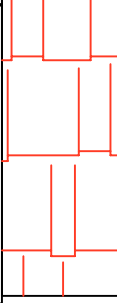
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.54

Co-ordinates E=672318.957
N=2479594.421

Field Test	Nos	Samples	Nos	Commencement Date : 01/05/2024
Penetrometer (SPT)	19	Undisturbed (UDS)	8	Completion Date : 03/05/2024
Cone (Pc)		Penetrometer (SPT)	19	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	11	Level Of Ground : 305.895 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)
15.75m							DS-7	16.00
		11	13	22		35	SPT-11	16.50-16.95
							*UDS-6	17.55-18.00
		12	15	22		37	SPT-12	18.10-18.55
Medium dense to dense, yellowish brown, silty sand with kankar.							DS-8	19.00
		12	17	17		34	SPT-13	19.50-19.95
							*UDS-7	20.45-20.55
		13	19	21		40	SPT-14	20.70-21.15
							DS-9	21.70
						28	SPT-15	22.30-22.75
22.75m		8	13	15			*UDS-8	23.30-23.40
						40	SPT-16	23.50-23.95
Hard, brownish grey, clayey silt with sand mixture & decomposed rock.		12	16	24			DS-10	24.00
						37	SPT-17	24.50-24.95
		10	15	22			DS-11	25.40
						>100	SPT-18	25.80-26.00
		19	62			5.0 cm Pentn.	*SPT-19	26.20-26.24 26.20
26.20m		100				Refusal	R1	CR=25% RQD=NIL
Highly weathered, yellowish grey, medium grained, fractured rock. Obs. boulder.						4.0 cm Pentn.	R2	CR=30% RQD=NIL
27.00m							R3	CR=36% RQD=14%
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.							R4	CR=50% RQD=NIL
							R5	CR=49% RQD=14%
30.00m								30.00
N.B. - '*' means sample could not be recovered.								



BH-54/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.55**Co-ordinates E=672381.510
N=2479616.840

Field Test	Nos	Samples	Nos	Commencement Date : 21/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.788 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								DS-1	0.50
								DS-2	1.00
							24	SPT-1	1.60-2.05
Very stiff, reddish brown, silty clay with sand mixture & kankars.		9	12	12				UDS-1	2.50-2.95
							28	SPT-2	2.95-3.40
		11	13	15				DS-3	4.00
							30	SPT-3	4.60-5.05
		10	13	17				UDS-2	5.40-5.85
							33	SPT-4	5.85-6.30
05.85m		10	14	19				DS-4	7.00
							35	SPT-5	7.50-7.95
Hard, reddish brown, silty clay with sand mixture & kankars.		11	16	19				UDS-3	8.55-9.00
							35	SPT-6	9.00-9.45
		12	14	21				DS-5	10.00
10.50m							22	SPT-7	10.60-11.05
		8	8	14				*UDS-4	11.50-11.95
							26	SPT-8	12.10-12.55
		9	11	15				DS-6	13.00
							28	SPT-9	13.50-13.95
Medium dense to dense, reddish brown, silty sand with kankars.		8	13	15				*UDS-5	14.55-15.00
							27	SPT-10	15.10-15.55
		9	13	14				DS-7	16.00
							36	SPT-11	16.50-16.95
		12	16	20				*UDS-6	17.50-17.95
18.00m									



BH-55/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.55

Co-ordinates E=672381.510
N=2479616.840

Field Test	Nos	Samples	Nos	Commencement Date : 21/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.788 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, reddish brown, silty sand with kankars.		12	18	23	41			SPT-12	18.20-18.65
19.30m					26			DS-8	19.00
Very stiff, brownish grey, silty clay with sand.		9	11	15				SPT-13	19.50-19.95
20.90m					36			*UDS-7	20.60-20.70
Hard, brownish grey, silty clay with sand.		12	15	21				SPT-14	20.90-21.35
23.00m					42			DS-9	22.00
Hard, light greenish grey, clayey silt with decomposed rock.		12	18	24				SPT-15	22.50-22.95
24.30m					>100			DS-10	23.40
Highly weathered, whitish grey, fine grained, fractured rock. Obs. boulder.		100	12.0cm	Pentn.	Refusal			SPT-16	24.00-24.12
25.00m					4.0cm	Pentn.		*SPT-17	24.30-24.34
Highly weathered, light grey, medium grained, fractured rock.					NX.	drilling from 24.30m to 35.00m		R1	CR=33% RQD=NIL
28.00m								R2	CR=34% RQD=NIL
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.								R3	CR=33% RQD=NIL
29.50m								R4	CR=38% RQD=16%
Moderately weathered, light greenish grey to blackish grey, medium to fine grained, fractured rock.								R5	CR=33% RQD=NIL
32.50m								R6	CR=32% RQD=NIL
Moderately to slightly weathered, light greenish grey to blackish grey, medium to fine grained, fractured rock.								R7	CR=46% RQD=16%
35.00m								R8	CR=48% RQD=NIL
								R9	CR=42% RQD=NIL
								R10	CR=52% RQD=16%
								R11	CR=48% RQD=NIL
								R12	CR=56% RQD=25%
								R13	CR=66% RQD=NIL
								R14	CR=67% RQD=43%
N.B. - '*' means sample could not be recovered.									



BH-55/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


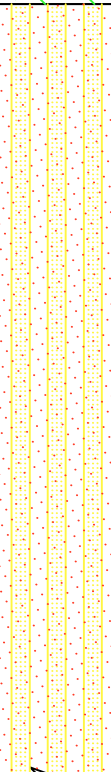
Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.56

Co-ordinates E=672395.500
N=2479598.848

Field Test	Nos	Samples	Nos	Commencement Date : 19/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 20/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.596 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		8	11	22					DS-1	0.50	
Hard, reddish brown, silty clay with sand mixture & kankars.									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								
		UDS-2	6.00-6.45								
05.00m		10	12	15					SPT-3	5.00-5.45	
Very stiff, reddish brown, silty clay with sand mixture & kankars.		10	13	15					SPT-4	6.45-6.90	
	9	13	16					DS-5	7.50		
								SPT-5	8.00-8.45		
	UDS-3	9.00-9.45									
	09.00m		8	15	19					SPT-6	9.45-9.90
11			13	19					DS-6	10.50	
									SPT-7	11.00-11.45	
10			12	18					*UDS-4	12.00-12.45	
									SPT-8	12.60-13.05	
11			15	19					DS-7	13.50	
									SPT-9	14.00-14.45	
Dense, reddish brown, silty sand with kankars.			12	18	22					*UDS-5	15.00-15.45
										SPT-10	15.60-16.05
										DS-8	16.50
18.00m	10	13	18					SPT-11	17.00-17.45		



BH-56/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.56

Co-ordinates E=672395.500
N=2479598.848

Field Test	Nos	Samples	Nos	Commencement Date : 19/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 20/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	11	Level Of Ground : 304.596 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 Dense, reddish brown, silty sand with kankars.		12	14	23	37			*UDS-6	18.10-18.55
								SPT-12	18.70-19.15
19.50m Hard, brownish grey, silty clay with sand & decomposed rock.		9	13	20	33			DS-9	19.50
								SPT-13	20.00-20.45
		11	15	22	37			*UDS-7	21.00-21.30
								SPT-14	21.45-21.90
								DS-10	22.50
23.00m Dense, brownish grey, silty sand with clay binder.		16	22	25	47			SPT-15	23.00-23.45
								DS-11	24.00
		19	38	56	>100			SPT-16	24.50-24.82
25.20m Highly weathered, pinkish grey, fine grained, fractured rock. Obs. boulder.		100			2.0cm Pentn. Refusal			*SPT-17	25.20-25.23
26.00m Highly to moderately weathered, light greenish yellow, medium grained, fractured rock.					3.0cm Pentn. Refusal			R1	25.20-25.23
					NX, drilling from 25.20m to 35.00m			R2	26.00
								R3	26.75
								R4	27.50
								R5	28.25
								R6	29.00
								R7	29.75
								R8	30.50
								R9	31.25
32.00m Moderately weathered, light greenish yellow, medium grained, fractured rock.								R10	32.00
32.75m Moderately to slightly weathered, yellowish grey to light blackish grey, medium grained, fractured rock.								R11	32.75
								R12	33.50
								R13	34.25
35.00m N.B. - '*' means sample could not be recovered.									35.00



BH-56/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.57

Co-ordinates E=672428.469
N=2479610.546

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 19/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.345 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)
Very stiff, reddish brown, silty clay with kankars & sand mixture.	0.00m								DS-1	0.50
									DS-2	1.00
						20			SPT-1	1.50-1.95
		7	9	11					*UDS-1	2.50-2.95
						25			SPT-2	3.10-3.55
		10	12	13					DS-3	4.00
						25			SPT-3	4.50-4.95
		8	11	14					UDS-2	5.50-5.95
						24			SPT-4	5.95-6.40
		10	11	13					DS-4	7.00
						28			SPT-5	7.50-7.95
Dense, reddish brown, silty sand with kankars.									UDS-3	8.50-8.95
						25			SPT-6	8.95-9.40
	9.50m	8	12	13					DS-5	10.00
						34			SPT-7	10.50-10.95
		11	14	20					*UDS-4	11.50-11.95
						30			SPT-8	12.20-12.65
		10	14	16					DS-6	13.00
						31			SPT-9	13.50-13.95
		12	12	19					*UDS-5	14.50-14.95
						34			SPT-10	15.10-15.55
		12	13	21					DS-7	16.00
						35			SPT-11	16.50-16.95
		10	14	21					*UDS-6	17.50-17.95
	18.00m									



BH-57/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.57

Co-ordinates E=672428.469
N=2479610.546

Field Test	Nos	Samples	Nos	Commencement Date : 17/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	8	Completion Date : 19/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.345 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)
18.00m Dense, reddish brown, silty sand with kankars.		12	15	22	37		SPT-12	18.10-18.55
19.00m					31		DS-8	19.00
		10	13	18	39		SPT-13	19.50-19.95
		11	16	23	44		UDS-7	20.50-20.95
Dense, brownish grey, silty sand with clay binder, kankars & decomposed rock.		15	21	23	>100		SPT-14	20.95-21.40
		42	58		Refusal		DS-9	22.00
24.00m Highly weathered, yellowish grey, medium grained, fractured rock. Obs. boulder.		00			5.0cm Pentn.		SPT-15	22.50-22.95
24.75m					4.0cm Pentn.		*UDS-8	23.50-23.58
					NX. drilling from 24.00m to 35.00m		SPT-16	23.70-23.90
							*SPT-17	24.00-24.04 24.00
							R1	CR=29% RQD=NIL 24.75
							R2	CR=28% RQD=NIL 25.50
							R3	CR=36% RQD=NIL 26.25
							R4	CR=33% RQD=NIL 27.00
							R5	CR=29% RQD=NIL 27.75
							R6	CR=37% RQD=NIL 28.50
							R7	CR=44% RQD=NIL 29.25
							R8	CR=48% RQD=14% 30.00
							R9	CR=49% RQD=NIL 30.75
30.75m							R10	CR=42% RQD=NIL 31.50
							R11	CR=42% RQD=NIL 32.25
							R12	CR=50% RQD=NIL 33.00
							R13	CR=44% RQD=14% 33.75
33.75m							R14	CR=53% RQD=29% 34.50
35.00m							R15	CR=54% RQD=17% 35.00
N.B. - '*' means sample could not be recovered.								



BH-57/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.58

Co-ordinates E=672478.183
N=2479605.438

Field Test	Nos	Samples	Nos	Commencement Date : 22/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.718 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.50 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m									DS-1	0.50
									DS-2	1.00
		6	9	10			19		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
Very stiff, reddish brown, clayey silt with sand mixture.		6	9	11			20		SPT-2	2.95-3.40
									DS-3	4.00
		9	10	11			21		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		8	10	12			22		SPT-4	5.95-6.40
									DS-4	7.00
									DS-4	7.00
									SPT-5	7.50-7.95
7.50m		12	17	21			38			
									UDS-3	8.50-8.95
Hard, reddish brown, clayey silt with sand mixture.		14	19	24			43		SPT-6	8.95-9.40
									DS-5	10.00
9.80m									SPT-7	10.50-10.95
		10	12	13			25			
									*UDS-4	11.50-11.95
		11	13	15			28		SPT-8	12.00-12.45
									DS-6	13.00
									SPT-9	13.50-13.95
Medium dense to dense, yellowish brown, silty sand with kankars.		12	15	17			32			
									*UDS-5	14.50-14.95
		12	14	19			33		SPT-10	15.00-15.45
									DS-7	16.00
									SPT-11	16.50-16.95
		13	15	17			32			
									*UDS-6	17.50-17.95
18.00m										



BH-58/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.58

Co-ordinates E=672478.183
N=2479605.438

Field Test	Nos	Samples	Nos	Commencement Date : 22/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.718 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 Medium dense to dense, yellowish brown, silty sand with kankars.		14	16	19	35		SPT-12	18.00-18.45
19.50m Very dense, yellowish brown, silty sand with kankars.		44	56		>100		DS-8	19.00
21.00m Highly weathered, brownish yellow, fine grained, fractured rock. Obs. boulder.		100			5.0cm Pentn. >100		SPT-13	19.50-19.70
21.75m		100			12.0cm Pentn. Refusal		DS-9	20.30
					3.0cm Pentn. NX, drilling from 21.00m to 35.00m		SPT-14	20.70-20.82
							*SPT-15	21.00-21.03 21.00
							R1	CR=25% RQD=NIL 21.75
							R2	CR=39% RQD=16% 22.50
							R3	CR=36% RQD=NIL 23.25
							R4	CR=37% RQD=14% 24.00
							R5	CR=39% RQD=NIL 24.75
							R6	CR=34% RQD=NIL 25.50
							R7	CR=43% RQD=14% 26.25
							R8	CR=36% RQD=NIL 27.00
							R9	CR=43% RQD=16% 27.75
							R10	CR=37% RQD=16% 28.50
							R11	CR=33% RQD=NIL 29.25
							R12	CR=41% RQD=NIL 30.00
							R13	CR=37% RQD=18% 30.75
							R14	CR=44% RQD=37% 31.50
							R15	CR=50% RQD=36% 32.25
							R16	CR=40% RQD=22% 33.00
							R17	CR=38% RQD=14% 33.75
							R18	CR=40% RQD=NIL 34.50
							R19	CR=44% RQD=NIL 35.00
33.75m Moderately weathered, grey, medium to coarse grained, fractured rock.								
35.00m N.B. - '*' means sample could not be recovered.								



BH-58/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.59

Co-ordinates E=672508.310
N=2479621.631

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 23/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.725 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. Obs. kankars.								DS-1	0.50
								DS-2	1.00
		9	10	13			23	SPT-1	1.50-1.95
								UDS-1	2.50-2.95
		10	12	14			26	SPT-2	2.95-3.40
								DS-3	4.00
		10	13	15			28	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
		11	12	16			28	SPT-4	5.95-6.40
								DS-4	7.00
7.40m Medium dense to dense, light brown, silty sand with kankars.								SPT-5	7.50-7.95
		13	14	15			29		
								*UDS-3	8.50-8.95
		14	16	17			33	SPT-6	9.00-9.45
								DS-5	10.00
								SPT-7	10.50-10.95
		13	15	15			30		
								*UDS-4	11.50-11.95
		10	14	14			28	SPT-8	12.00-12.45
								DS-6	13.00
18.00m		10	15	12			27	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		10	15	15			30	SPT-10	15.00-15.45
								DS-7	16.00
		9	17	12			29	SPT-11	16.50-16.95
								*UDS-6	17.50-17.95



BH-59/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.59

Co-ordinates E=672508.310
N=2479621.631

Field Test	Nos	Samples	Nos	Commencement Date : 20/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 23/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.725 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)
18.00m Medium dense to dense, light brown, silty sand with kankars.		10	15	15	30			SPT-12	18.00-18.45
19.00m Hard, brownish grey, silty clay with white spots & sand. Obs. decomposed rock.		49	56		>100			DS-8	19.00
21.00m Highly weathered, greyish yellow, medium to fine grained, fractured rock. Obs. boulder.		100			5.0cm Pentn. >100			SPT-13	19.50-19.70
21.75m		100			12.0cm Pentn. Refusal			DS-9	20.30
					3.0cm Pentn. NX. drilling from 21.00m to 35.00m			SPT-14	20.70-20.82
								*SPT-15	21.00-21.03 21.00
								R1	CR=20% RQD=NIL 21.75
								R2	CR=30% RQD=NIL 22.50
								R3	CR=31% RQD=NIL 23.25
								R4	CR=48% RQD=42% 24.00
								R5	CR=47% RQD=43% 24.75
								R6	CR=41% RQD=22% 25.50
								R7	CR=37% RQD=NIL 26.25
								R8	CR=35% RQD=14% 27.00
								R9	CR=36% RQD=NIL 27.75
								R10	CR=41% RQD=24% 28.50
								R11	CR=35% RQD=NIL 29.25
								R12	CR=36% RQD=20% 30.00
								R13	CR=27% RQD=15% 30.75
								R14	CR=31% RQD=18% 31.50
								R15	CR=30% RQD=NIL 32.25
								R16	CR=48% RQD=36% 33.00
								R17	CR=45% RQD=32% 33.75
								R18	CR=42% RQD=37% 34.50
								R19	CR=58% RQD=34% 35.00
30.75m Highly weathered, grey, medium to coarse grained, fractured rock.									
34.50m Moderately weathered, grey, medium to coarse grained, fractured rock. 35.00m N.B. - '*' means sample could not be recovered.									




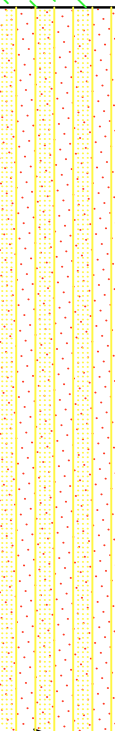

BH-59/Sheet-2

BORE LOG DATA SHEET

BORE HOLE NO.60

Co-ordinates	E=672568.014 N=2479613.374
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Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.049 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 Very stiff to hard, reddish brown, clayey silt with sand mixture. Obs. kankars.										DS-1	0.50
										DS-2	1.00
		9	12	14					26	SPT-1	1.50-1.95
									29	UDS-1	2.50-2.95
		10	13	16						SPT-2	2.95-3.40
									27	DS-3	4.00
		10	12	15						SPT-3	4.50-4.95
									30	UDS-2	5.50-5.95
		11	13	17						SPT-4	5.95-6.40
									31	DS-4	7.00
		11	14	17						SPT-5	7.50-7.95
									28	UDS-3	8.50-8.95
9.70m Dense, yellowish brown, silty sand with kankars.										SPT-6	8.95-9.40
									31	DS-5	10.00
		13	14	17						SPT-7	10.50-10.95
									31	*UDS-4	11.50-11.95
		13	15	16						SPT-8	12.00-12.45
									34	DS-6	13.00
		14	16	18						SPT-9	13.50-13.95
									36	*UDS-5	14.50-14.95
		14	17	19						SPT-10	15.00-15.45
									35	DS-7	16.00
		13	15	20						SPT-11	16.50-16.95
										*UDS-6	17.50-17.95
18.00m											



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.60

Co-ordinates E=672568.014
N=2479613.374

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.049 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		16	14	20	34	SPT-12	18.00-18.45
						DS-8	19.00
Dense, yellowish brown, silty sand with kankars.		15	17	21	38	SPT-13	19.50-19.95
						DS-9	20.50
		16	18	20	38	SPT-14	21.00-21.45
					>100	SPT-15	22.00-22.32
Very dense, yellowish brown, silty sand with kankars.		22	31	50	2.0cm Pentn. Refusal	*SPT-16	22.50-22.53
22.50m					3.0cm Pentn. NX, drilling from 22.50m to 35.00m	R1	22.50-22.53 CR=28% RQD=NIL
						R2	23.25 CR=37% RQD=NIL
						R3	24.00 CR=39% RQD=NIL
Highly to moderately weathered, greyish, yellow, medium to coarse grained, fractured rock. Obs. boulder.						R4	24.75 CR=41% RQD=NIL
						R5	25.50 CR=43% RQD=NIL
						R6	26.25 CR=41% RQD=NIL
						R7	27.00 CR=53% RQD=NIL
						R8	27.75 CR=53% RQD=NIL
						R9	28.50 CR=56% RQD=39%
Moderately weathered, greyish yellow, medium to coarse grained, fractured rock. Obs. boulder.						R10	29.25 CR=53% RQD=17%
						R11	30.00 CR=56% RQD=NIL
						R12	30.75 CR=57% RQD=30%
						R13	31.50 CR=57% RQD=28%
						R14	32.25 CR=56% RQD=NIL
						R15	33.00 CR=61% RQD=NIL
Moderately weathered to fresh, grey, coarse grained, fractured rock.						R16	33.75 CR=69% RQD=66%
						R17	34.50 CR=90% RQD=86%
35.00m							35.00

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



BH-60/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.61

Co-ordinates E=672592.999
N=2479608.381

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.633 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.25 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m										
Filled up with ash.		6	6	8				14	DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
3.30m		7	8	9				17	*UDS-1	2.50-2.95
									SPT-2	3.00-3.45
									DS-3	4.00
5.95m		11	13	16				29	SPT-3	4.50-4.95
									UDS-2	5.50-5.95
									SPT-4	5.95-6.40
9.70m		12	14	17				31	DS-4	7.00
									SPT-5	7.50-7.95
									UDS-3	8.50-8.95
18.50m		14	16	20				36	SPT-6	8.95-9.40
									DS-5	10.00
									SPT-7	10.50-10.95
		12	15	16				31	*UDS-4	11.50-11.95
									SPT-8	12.00-12.45
									DS-6	13.00
		13	15	16				31	SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.00-15.45
		14	16	18				34	DS-7	16.00
									SPT-11	16.50-16.95
									*UDS-6	17.50-17.95
		14	17	19				36	SPT-12	18.00-18.45
18.50m		15	17	20				37		



BH-61/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.61

Co-ordinates E=672592.999
N=2479608.381

Field Test	Nos	Samples	Nos	Commencement Date : 06/05/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 07/05/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 303.633 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.25 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
18.50m Dense, yellowish brown, silty sand with kankar.		15	18	19	37			DS-8	19.00
								SPT-13	19.50-19.95
21.00m Very dense, yellowish brown, silty sand with kankar.		27	80		>100			DS-9	20.50
21.50m		100			2.0 cm Pentn.			SPT-14	21.00-21.17
22.25m Highly weathered, whitish grey, medium grained, fractured rock. Obs. boulder.		3.0			Refusal			*SPT-15	21.50-21.53
					3.0 cm Pentn.			R1	CR=30% RQD=NIL
								R2	CR=28% RQD=NIL
								R3	CR=31% RQD=NIL
								R4	CR=26% RQD=NIL
								R5	CR=26% RQD=NIL
								R6	CR=27% RQD=NIL
								R7	CR=27% RQD=NIL
								R8	CR=33% RQD=18%
								R9	CR=35% RQD=NIL
								R10	CR=38% RQD=NIL
								R11	CR=38% RQD=14%
								R12	CR=47% RQD=35%
								R13	CR=35% RQD=NIL
								R14	CR=31% RQD=NIL
								R15	CR=38% RQD=14%
32.75m Fresh, greyish yellow to yellowish grey, medium to coarse grained, fractured rock.								R16	CR=84% RQD=NIL
								R17	CR=81% RQD=NIL
34.25m Moderately weathered, greyish yellow to yellowish grey, medium to coarse grained, fractured rock.								R18	CR=46% RQD=NIL
35.00m									35.00
N.B. - '*' means sample could not be recovered.									





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

CETEST

Job No : 4732

Created by : Sumona

Created on : 24/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.62

Co-ordinates E=672677.843
N=2479596.119

Field Test	Nos	Samples	Nos	Commencement Date : 02/05/2024
Penetrometer (SPT)	16	Undisturbed (UDS)	6	Completion Date : 02/05/2024
Cone (Pc)		Penetrometer (SPT)	16	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	9	Level Of Ground : 302.34 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										
Very stiff, reddish brown, clayey silt with sand mixture & kankar.									DS-1	0.50
									DS-2	1.00
									SPT-1	1.50-1.95
									UDS-1	2.50-2.95
									SPT-2	2.95-3.40
									DS-3	4.00
									SPT-3	4.50-4.95
5.95m										
									UDS-2	5.50-5.95
									SPT-4	5.95-6.40
									DS-4	7.00
9.40m									SPT-5	7.50-7.95
									UDS-3	8.50-8.95
									SPT-6	8.95-9.40
15.75m									DS-5	10.00
									SPT-7	10.50-10.95
									*UDS-4	11.50-11.95
									SPT-8	12.00-12.45
									DS-6	13.00
									SPT-9	13.50-13.95
									*UDS-5	14.50-14.95
									SPT-10	15.00-15.45



BH-62/Sheet-1

BORE LOG DATA SHEET

BORE HOLE NO.62

Co-ordinates	E=672677.843 N=2479596.119
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Field Test	Nos	Samples	Nos	Commencement Date :	02/05/2024
Penetrometer (SPT) Cone (Pc) Vane (V)	16	Undisturbed (UDS)	6	Completion Date :	02/05/2024
		Penetrometer (SPT)	16	Bore Hole Diameter :	150 mm./NX.
		Disturbed (DS)	9	Level Of Ground :	302.340 M.
		Water Sample (WS)	0	Water Struck At :	
				Standing Water Level :	13.00 m.

[illegible]

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

BORE LOG DATA SHEET

BORE HOLE NO.63

Co-ordinates	E=672584.311 N=2479587.420
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Field Test	Nos	Samples	Nos	Commencement Date : 21/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.922 M.
		Water Sample (WS)	0	Water Struck At : Standing Water Level : 12.50 m.

DESCRIPTION	SYMBOL	N-VALUE								SAMPLES	
		EACH DIVN=15CM								Ref. No	Depth (m)
0.00m <											



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.63

Co-ordinates E=672584.311
N=2479587.420

Field Test	Nos	Samples	Nos	Commencement Date : 21/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 22/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	8	Level Of Ground : 302.922 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.					36			DS-8	19.00
		13	16	20	>100			SPT-13	19.50-19.95
		19	31	50				SPT-14	20.50-20.85
21.00m		100						*SPT-15	21.00-21.03
Highly weathered, greyish yellow, coarse grained, fractured rock. Obs. boulder.								R1	CR=27% RQD=NIL
21.75m								R2	CR=34% RQD=NIL
Highly to moderately weathered, greyish yellow, coarse grained, fractured rock.								R3	CR=30% RQD=NIL
								R4	CR=39% RQD=NIL
								R5	CR=43% RQD=14%
								R6	CR=39% RQD=14%
								R7	CR=50% RQD=14%
								R8	CR=43% RQD=NIL
								R9	CR=43% RQD=NIL
								R10	CR=50% RQD=14%
28.50m								R11	CR=59% RQD=14%
Moderately weathered, greyish yellow, coarse grained, fractured rock. Obs. boulder.								R12	CR=58% RQD=14%
								R13	CR=50% RQD=NIL
								R14	CR=58% RQD=50%
31.50m								R15	CR=59% RQD=53%
Moderately weathered to fresh, yellowish grey, coarse grained, fractured rock.								R16	CR=67% RQD=45%
								R17	CR=67% RQD=42%
								R18	CR=80% RQD=48%
								R19	CR=84% RQD=80%
35.00m									35.00
N.B. - '*' means sample could not be recovered.									





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

CETEST

Job No : 4732

Created by : T.SAHA

Created on : 10/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.64

Co-ordinates E=672535.241
N=2479590.385

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.193 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.90 m.

DESCRIPTION	SYMBOL	N-VALUE						SAMPLES	
		EACH DIVN=15CM						Ref. No	Depth (m)
0.00m								DS-1	0.50
								DS-2	1.00
		9	10	12			22	SPT-1	1.50-1.95
Very stiff, reddish brown, clayey silt with sand mixture & kankars.								UDS-1	2.50-2.95
		9	11	13			24	SPT-2	2.95-3.40
								DS-3	4.00
		11	13	17			30	SPT-3	4.50-4.95
								UDS-2	5.50-5.95
5.95m		18	14	22			36	SPT-4	5.95-6.40
								DS-4	7.00
		18	19	20			39	SPT-5	7.50-7.95
Hard, reddish brown, clayey silt with sand mixture & kankars.								UDS-3	8.50-8.95
		9	16	26			42	SPT-6	8.95-9.40
10.00m								DS-5	10.00
		8	11	14			25	SPT-7	10.50-10.95
								*UDS-4	11.50-11.95
		10	12	15			27	SPT-8	12.00-12.45
								DS-6	13.00
Medium dense to dense, yellowish brown, silty sand with kankars.		10	13	17			30	SPT-9	13.50-13.95
								*UDS-5	14.50-14.95
		10	12	15			27	SPT-10	15.00-15.45
								DS-7	16.00
		11	14	17			31	SPT-11	16.50-16.95
18.00m								*UDS-6	17.50-17.95



BH-64/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.64

Co-ordinates E=672535.241
N=2479590.385

Field Test	Nos	Samples	Nos	Commencement Date : 25/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	6	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.193 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 13.90 m.

DESCRIPTION	SYMBOL	N-VALUE					SAMPLES	
		EACH DIVN=15CM					Ref. No	Depth (m)
18.00m Medium dense to dense, yellowish brown, silty sand with kankars.		12	15	18	33		SPT-12	18.00-18.45
							DS-8	19.00
		13	17	19	36		SPT-13	19.50-19.95
							DS-9	20.30
20.50m Hard, yellowish brown, clayey silt with sand & kankars.		27	35	50	>100		SPT-14	20.50-20.85
21.40m Highly weathered, pinkish white / greyish yellow, fine to medium grained, fractured rock. Obs. boulder.		100			5.0cm Pentn. Refusal		*SPT-15	21.30-21.33
					3.0cm Pentn. NX, drilling from 21.30m to 35.00m		R1	CR=24% RQD=NIL
							R2	CR=21% RQD=NIL
							R3	CR=22% RQD=NIL
							R4	CR=23% RQD=NIL
22.75m Highly weathered, greyish yellow, medium grained, fractured rock.							R5	CR=34% RQD=NIL
							R6	CR=26% RQD=NIL
							R7	CR=29% RQD=NIL
							R8	CR=34% RQD=NIL
							R9	CR=33% RQD=NIL
							R10	CR=29% RQD=NIL
							R11	CR=25% RQD=NIL
							R12	CR=23% RQD=NIL
							R13	CR=29% RQD=14%
							R14	CR=27% RQD=NIL
							R15	CR=29% RQD=NIL
							R16	CR=30% RQD=NIL
							R17	CR=31% RQD=14%
							R18	CR=40% RQD=29%
35.00m N.B. - '*' means sample could not be recovered.								35.00



BH-64/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.65

Co-ordinates E=672462.871
N=2479577.599

Field Test	Nos	Samples	Nos	Commencement Date : 26/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.975 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 m.

DESCRIPTION	SYMBOL	N-VALUE							SAMPLES	
		EACH DIVN=15CM							Ref. No	Depth (m)
0.00m Very stiff to hard, reddish brown, silty clay with sand mixture.									DS-1	0.50
									DS-2	1.00
		5	8	10			18		SPT-1	1.50-1.95
									UDS-1	2.50-2.95
		6	12	13			25		SPT-2	2.95-3.40
									DS-3	4.00
		10	12	17			29		SPT-3	4.50-4.95
									UDS-2	5.50-5.95
		14	19	18			37		SPT-4	5.95-6.40
									DS-4	7.00
7.00m Very stiff, reddish brown, silty clay with kankars. Obs. sand mixture.									DS-4	7.00
		10	13	15			28		SPT-5	7.50-7.95
									UDS-3	8.50-8.95
		8	10	10			20		SPT-6	8.95-9.40
									DS-5	10.00
10.50m Medium dense to dense, yellowish brown, silty sand with kankars.									SPT-7	10.50-10.95
		7	9	10			19		*UDS-4	11.50-11.95
									SPT-8	12.05-12.50
		8	10	13			23		DS-6	13.00
									SPT-9	13.55-14.00
		9	13	14			27		*UDS-5	14.50-14.95
									SPT-10	15.10-15.55
		10	12	16			28		DS-7	16.00
									SPT-11	16.50-16.95
		11	14	17			31		*UDS-6	17.55-18.00
18.00m										



BH-65/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.65

Co-ordinates E=672462.871
N=2479577.599

Field Test	Nos	Samples	Nos	Commencement Date : 26/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 28/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 303.975 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 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	16	19	35		SPT-12	18.20-18.65
							DS-8	19.20
		10	14	20	34		SPT-13	19.70-20.15
							DS-9	20.60
21.45m Hard, brownish grey, silty clay with sand mixture & decomposed rock.		9	13	20	33		SPT-14	21.00-21.45
							*UDS-7	22.00-22.10
		13	17	25	42		SPT-15	22.30-22.75
							DS-10	23.40
		23	39	51	>100		SPT-16	24.00-24.32
24.50m Highly weathered, light pinkish grey, fine grained, fractured rock. Obs. 25.00m boulder.						2.0cm Pentn. Refusal	*SPT-17	24.50-24.52 24.50
						2.0cm Pentn. NX, drilling from 24.50m to 35.00m	R1	CR=32% RQD=NIL 25.00
							R2	CR=37% RQD=NIL 25.75
							R3	CR=40% RQD=NIL 26.50
							R4	CR=46% RQD=NIL 27.25
							R5	CR=44% RQD=NIL 28.00
							R6	CR=52% RQD=NIL 28.75
							R7	CR=44% RQD=NIL 29.50
29.50m Highly to moderately weathered, yellowish grey, medium grained, fractured rock.							R8	CR=46% RQD=14% 30.25
							R9	CR=49% RQD=14% 31.00
							R10	CR=41% RQD=NIL 31.75
							R11	CR=42% RQD=NIL 32.50
							R12	CR=44% RQD=NIL 33.25
33.25m Moderately weathered, light blackish grey, medium to fine grained, fractured rock.							R13	CR=53% RQD=16% 34.00
							R14	CR=54% RQD=NIL 35.00
35.00m Moderately weathered, light blackish grey, medium to fine grained, fractured rock.								

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



BH-65/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.66

Co-ordinates E=672429.424
N=2479581.181

Field Test	Nos	Samples	Nos	Commencement Date : 16/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	8	Completion Date : 17/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.365 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										
Very stiff, reddish brown, silty clay with sand.									DS-1	0.50
									DS-2	1.00
									UDS-1	1.50-1.95
									SPT-1	1.95-2.40
									DS-3	3.00
									SPT-2	3.50-3.95
									UDS-2	4.50-4.80
									SPT-3	4.80-5.25
									DS-4	6.00
									SPT-4	6.50-6.95
4.80m										
Hard, reddish brown, silty clay with sand.									UDS-3	7.50-7.80
									SPT-5	7.80-8.25
									DS-5	9.00
									SPT-6	9.50-9.95
									*UDS-4	10.50-10.95
									SPT-7	11.20-11.65
									DS-6	12.00
									SPT-8	12.45-12.90
									*UDS-5	13.50-13.95
									SPT-9	14.10-14.55
9.50m										
Medium dense to dense, reddish brown, silty sand with kankars.									DS-7	15.00
									SPT-10	15.50-15.95
									*UDS-6	16.50-16.95
									SPT-11	17.10-17.55
									DS-8	18.00
18.00m										



BH-66/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 : 26/04/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.66

Co-ordinates E=672429.424
N=2479581.181

Field Test	Nos	Samples	Nos	Commencement Date : 16/04/2024
Penetrometer (SPT)	15	Undisturbed (UDS)	8	Completion Date : 17/04/2024
Cone (Pc)		Penetrometer (SPT)	15	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	9	Level Of Ground : 304.365 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 to dense, reddish brown, silty sand with kankars.		12	14	23	37			SPT-12	18.50-18.95
19.00m Hard, brownish grey, silty clay with kankars & decomposed rock.		10	13	22	35			UDS-7 SPT-13	19.50-19.95 19.95-20.40
22.80m Highly weathered, light pinkish grey, fine grained, fractured rock. Obs. boulder.		22	46	54	>100			DS-9 *UDS-8 SPT-14	21.00 21.60-21.68 22.00-22.32
23.50m Highly weathered, yellowish grey, medium grained, fractured rock.		00						*SPT-15 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16	22.80-22.83 CR=35% RQD=NIL 22.80 ↓ 23.50 ↓ 24.25 ↓ 25.00 ↓ 25.75 ↓ 26.50 ↓ 27.25 ↓ 28.00 ↓ 28.75 ↓ 29.50 ↓ 30.25 ↓ 31.00 ↓ 31.75 ↓ 32.50 ↓ 33.25 ↓ 34.00 ↓ 35.00
26.50m Moderately weathered, light greenish grey to blackish grey, fine grained, fractured rock.									
34.00m Moderately weathered, light greenish grey to blackish grey, fine grained, fractured rock.									
35.00m N.B. - '*' means sample could not be recovered.									



BH-66/Sheet-2



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.67

Co-ordinates E=672385.227
N=2479567.572

Field Test	Nos	Samples	Nos	Commencement Date : 24/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.480 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 & kankar.									DS-1	0.50
									DS-2	1.00
								26	SPT-1	1.50-1.95
		9	13	13						
								27	UDS-1	2.50-2.95
		8	12	15					SPT-2	2.95-3.40
								28	DS-3	4.00
		10	13	15					SPT-3	4.50-4.95
								33	UDS-2	5.50-5.95
		11	12	21					SPT-4	5.95-6.40
5.95m										
Hard, reddish brown, silty clay with sand mixture & kankar.									DS-4	7.00
								36	SPT-5	7.50-7.95
		12	12	24						
								36	*UDS-3	8.55-9.00
		9	13	23					SPT-6	9.20-9.65
10.30m										
Medium dense to dense, yellowish brown, silty sand with kankar.									DS-5	10.30
								25	SPT-7	11.10-11.55
		8	9	16						
								26	*UDS-4	12.00-12.45
		9	13	13					SPT-8	12.60-13.05
								28	DS-6	13.50
		10	12	16					SPT-9	14.10-14.55
								34	*UDS-5	14.90-15.35
		10	14	20					SPT-10	15.50-15.95
								32	DS-7	16.50
18.50m		9	13	19					SPT-11	17.00-17.45
									*UDS-6	18.00-18.45



BH-67/Sheet-1



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

CETEST

Job No : 4732

Created by : Sumona

Created on : 05/06/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.67

Co-ordinates E=672385.227
N=2479567.572

Field Test	Nos	Samples	Nos	Commencement Date : 24/04/2024
Penetrometer (SPT)	17	Undisturbed (UDS)	7	Completion Date : 26/04/2024
Cone (Pc)		Penetrometer (SPT)	17	Bore Hole Diameter : 150 mm./NX.
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.480 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)
18.50m Medium dense to dense, yellowish brown, silty sand with kankar.		12	14	18	32		SPT-12	18.60-19.05
19.50m					44		DS-8	19.50
		13	18	26	44		SPT-13	20.00-20.45
		12	17	27	44		*UDS-7	21.00-21.10
					42		SPT-14	21.30-21.75
Hard, brownish grey, silty clay with sand mixture & decomposed rock.		13	15	27	>100		DS-9	22.40
		18	55		10.0 cm Pentn.		SPT-15	23.00-23.45
25.00m		00	4.0 cm Pentn.		Refusal		DS-10	24.00
							SPT-16	24.50-24.75
							*SPT-17	25.00-25.04 25.00
							R1	CR=30% RQD=NIL 25.75
							R2	CR=42% RQD=NIL 26.50
							R3	CR=40% RQD=NIL 27.25
							R4	CR=41% RQD=14% 28.00
							R5	CR=38% RQD=NIL 28.75
Highly to moderately weathered, yellowish grey, medium grained, fractured rock.							R6	CR=42% RQD=NIL 29.50
							R7	CR=53% RQD=NIL 30.25
							R8	CR=53% RQD=NIL 31.00
							R9	CR=46% RQD=16% 31.75
							R10	CR=49% RQD=NIL 32.50
33.25m							R11	CR=48% RQD=NIL 33.25
							R12	CR=54% RQD=20% 34.00
Moderately weathered, yellowish grey to blackish grey, medium grained, fractured rock.							R13	CR=58% RQD=14% 35.00
35.00m								
N.B. - '*' means sample could not be recovered.								



BH-67/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.68

Co-ordinates E=672450.448
N=2479546.324

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.311 M.
		Water Sample (WS)	0	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, silty clay. Obs. sand mixture & kankars.									DS-1	0.50
									DS-2	1.00
		4	6	5			11		SPT-1	1.50-1.95
								15	UDS-1	2.50-2.95
		6	7	8					SPT-2	2.95-3.40
								18	DS-3	4.00
		7	8	10					SPT-3	4.50-4.95
								23	UDS-2	5.50-5.95
		8	10	13					SPT-4	5.95-6.40
								17	DS-4	7.00
10.50m Medium dense, yellowish brown, silty sand. Obs. kankars.		6	7	10					SPT-5	7.50-7.95
								15	*UDS-3	8.50-8.95
		5	6	9					SPT-6	9.05-9.50
								16	DS-5	10.00
		6	8	8					SPT-7	10.50-10.95
								18	*UDS-4	11.50-11.95
		7	8	10					SPT-8	12.05-12.50
								15	DS-6	13.00
		7	7	8					SPT-9	13.50-13.95
								17	*UDS-5	14.50-14.95
18.00m		8	8	9					SPT-10	15.05-15.50
								14	DS-7	16.00
		7	6	8					SPT-11	16.50-16.95
									*UDS-6	17.50-17.95



BH-68/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 : 03/05/2024

Sheet No:

BORE LOG DATA SHEET

BORE HOLE NO.68

Co-ordinates E=672450.448
N=2479546.324

Field Test	Nos	Samples	Nos	Commencement Date : 23/04/2024
Penetrometer (SPT)	18	Undisturbed (UDS)	8	Completion Date : 25/04/2024
Cone (Pc)		Penetrometer (SPT)	18	Bore Hole Diameter : 150 mm./N.X
Vane (V)		Disturbed (DS)	10	Level Of Ground : 304.311 M.
		Water Sample (WS)	0	Water Struck At :
				Standing Water Level : 12.30 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	7	15		SPT-12	18.05-18.50
19.00m Medium dense, yellowish brown, clayey silty sand. Obs. kankars.		7	8	8	16		DS-8	19.00
							SPT-13	19.50-19.95
							*UDS-7	20.50-20.95
		7	10	11	21		SPT-14	21.05-21.50
							DS-9	22.00
22.50m Hard, yellowish grey, silty clay with sand mixture & decomposed rock. Obs. kankars.		10	18	28	46		SPT-15	22.50-22.95
							*UDS-8	23.50-23.60
		24	39	53	>100		SPT-16	23.80-24.15
							DS-10	24.50
		28	54		>100	5.0cm Pentn.	SPT-17	24.70-24.90
25.00m Highly to moderately weathered, yellowish grey, medium grained, fractured rock.		100			Refusal	5.0cm Pentn.	*SPT-18	25.00-25.03 25.00
						3.0cm Pentn.	R1	CR=27% RQD=NIL 25.75
						NX, drilling from 25.00m to 35.00m	R2	CR=33% RQD=17% 26.50
							R3	CR=39% RQD=NIL 27.25
							R4	CR=36% RQD=NIL 28.00
							R5	CR=36% RQD=NIL 28.75
							R6	CR=40% RQD=NIL 29.50
							R7	CR=49% RQD=NIL 30.25
							R8	CR=47% RQD=27% 31.00
							R9	CR=43% RQD=24% 31.75
							R10	CR=41% RQD=NIL 32.50
32.50m Moderately weathered, blackish grey, medium grained, fractured rock.							R11	CR=43% RQD=NIL 33.25
							R12	CR=40% RQD=NIL 34.00
35.00m N.B. - '*' means sample could not be recovered.							R13	CR=50% RQD=15% 35.00



BH-68/Sheet-2