CLAUSE NO. **TECHNICAL REQUIREMENTS** D-1-12(B) ANNEXURE (B) CONSTRUCTION METHODOLOGY Construction and erection activities shall be fully mechanized from the start of the work. 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. For controlled rock blasting specialized agency, equipped with sensors to assess the impact of the blast on the adjoining existing structures, shall be employed. Dewatering shall be done using the combination of electrical and standby diesel pumps. Pile installation equipment suitable for flushing with air lift technique shall be used for construction of bored piles. For concreting, weigh batching plants, transit mixers, concrete pumps, hoists, etc. shall be used. 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. All handling of materials shall be with cranes. Heavy trailers shall be used for transportation. Mechanized modular units of scaffolding and shuttering shall be used. Grouting shall be carried out using hydraulically controlled grouting equipment. Roadwork shall be done using pavers, rollers and premix plant. All finishing items shall be installed using appropriate modern mechanical tools. Manual punching etc. shall not be permitted. Heavy duty hoists for lifting of construction materials shall be deployed. Compressors for cleaning of foundations and other surfaces shall be used. 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. 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. SUB-SECTION-D-1-12(B) SINGARENI THERMAL POWER PROJECT **TECHNICAL SPECIFICATION** PAGE **CIVIL WORKS** 1 OF 1 STAGE-II (1X800 MW) **SECTION-VI, PART-B**

BID DOC NO.:CW-CM-11159-C-O-M-001

EPC PACKAGE

ANNEX_B_CONSTRUCTIONMET

HODOLOGY

Project : Geotech. I	nv. woi	k for Proj	p. 1 x 6	00MW S	↓ STPP	at S	ing	aren	i, Adi	labad,	Telengana	CETES	T
Job No : 3576											16/09/2015		
BORE LOG D	ATA	SHE	ET	BO	RE	\mathbf{H}	ΟL	E	NO	. 1	Co-o	ordinates E=262.00 N=(-)208.00)0 O
Field Test	Nos	Sc	ımples		No	SI				nt Date		08/15	
Penetrometer (SPT)	16	Undistur	rbed (U	DS)	2	- 1		•		Date mete		09/15 mm. / N.X.	
		Penetror	meter ((SPT)	16	、 l				ounc		679 m.	
Cone (Pc)		Disturbe	ed (DS)		18					ck At			
Vane (V)		Water S	ample	(WS)	0	S	tand	ling	Wate	r Leve	l: 1.7	m.	
DESCF	RIPTION	1		 SYMB	OL-				LUE			SAMPLES	_
			0.00m			EACH	1 D	IVN.	· -	15cm	Ref. No	Depth (m)	-
			0.00111		``						DC 1	0.50	
Stiff, brownish	grey	, silty	clay.	11/1					9		DS-1	0.50	
Obs. roots & rusty		-	•			2 4	5		=		SPT-1	1.00-1.45	
			- 1.80m								DS-2	1.75	
Blackish grey,	silty	clay.									UDS-1	2.00-2.45	
calcareous nodules.			- 2.80m								DS-3	2.80	
			- 2.0Uff1		$\overline{\Box}$	1 1 122	28		<u>50</u>		SPT-2	3.00-3.45	
						1 122							
Hard, brownish grey t	to vell	owish are	v. siltv			1510	h 7		<u>46</u>		DS-4	3.80	
clay with traces of				11/1		1519	2/				SPT-3	4.00-4.45	
											DS-5 UDS-2	4.75 5.00-5.13	
			-5.70m		7			$ \downarrow $	<u> 100</u>		DS-6	5.70	
					. \	35 50 8.		cm	Pent	h.	SPT-4	6.00-6.23	
Hard, brownish gre	y to	yellowish	grey,						<u> 100</u>		DS-7	6.60	
silty clay. Obs. rust				/\ \ \	`. 7	34 52	2 .0	L_	Pent		SPT-5	7.00-7.24	
						54 54	.0		100		DS-8 SPT-6	7.70 8.00-8.14	
			- 8.25m		\	14 55	.0	cm	Pen 100	tn.	SPT-7	8.25-8.33 8.2	5
				┠ ┯┺╤┺ ┃┃┃┃┃┃	Π,		.0		Pent	n.	R1	CR=42% RQD=NIL V	
Moderately weathr				┞┸╌┼┼	- -							9.0 CR=46%	0
to yellowish grey highly fractured rock		dium gr	raned,	\square	ᅰ		١.				R2	RQD=NIL 9.7	_
					Щ				71111ng 30.00	frøm m	R3	CR=50%	٦
			10.50m	\coprod								RQD=NIL # 10.5	0
								$ \mathbf{k} $	<u> 100</u>		R4	CR=NIL RQD=NIL	
					5	55	3.0		Pen	ļ	SPT-8 R5	11.25-11.38 11.2 CR=20%	5
						'	1.0		Пеп	(11.	l Ko	RQD=NIL	0
Completely to highly grey to brownish gr					\dashv			$ \ $	100		R6	CR=NIL RQD=NIL	
rock fragment co					— <u>5</u>	52		I			SPT-9	12.75-12.8512.7	5
Obs. mica.						10	0.0	cm	Pen	tn.	R7	CR=NIL RQD=NIL	
											R8	13.5 CR=25%	٦
					\angle							RQD=NIL	5
Completely to moderately	weathere	ed. blackish						$ \mathbf{k} $	<u>100</u>		R9	CR=NIL RQD=NIL	
g. o, to brownion g. o,,	moutui	ı gramoa,				50 a	.0	hm	Pent		SPT-10	15.00-15.09 15.0 CR=48%	0
fractured rock. Obs. rus	sty spo	ts.	15.50m				1	cm	1 5111	" ' '	R10	RQD=NIL 2	
					┰							BH-1/Sheet	1

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPF	at	Sing	arer	ni, Ad	ilabad	, Tele	ngana	CETEST
	Job No : 3576		Created by:								16/0		
	BORE LOG D	A'I'A	SHEET	BO	RE	;]			NC				ordinates E=262.000 N=(-)208.000
	Field Test	Nos	Samples		No	os				nt Da Dat			08/15 09/15
	Penetrometer (SPT)	16	Undisturbed (l		2					amet			mm. / N.X.
	Cone (Pc)		Penetrometer		1 1					roun		143.	679 m.
	Vane (V)		Disturbed (DS) Water Sample		'	_				ck A er Lev		1.7	m
	DECO		·						ALUE	, LOV			SAMPLES
	DESCR	RIPTION		SYMB	OL	ΕĄ	СНГ	NVI	. =	15cn	n. Re	f. No	Depth (m)
	Completely to moderate grey to brownish gractured rock. Obs. rus	eý, m	edium grained,			46	52	>	<u>100</u>		SF	R11 PT-11	15.75 CR=NIL RQD=NIL 16.50-16.6716.50
	Highly weathered, br grained, fractured sa rusty spots.		n grey, medium		<u> </u>			cm	Pen	tn.		R12	CR=24% RQD=NIL 17.25 CR=25% RQD=NIL
			——— 18.00m					<u> </u>	<u>100</u>			R14	CR=NIL 18.00 CR=NIL V
						52 1	2.0	сm	Pen	tn.	51	PT-12 R15	18.75-18.8718.75 CR=NIL RQD=NIL
	Completely wear grey to brownish g grianed rock fragi	rey, fi	ne to medium		_4		3.0	cm	<u>100</u> Pen 100	tn.		KIO	19.50–19.6319.50 CR=NIL RQD=NIL
→	sludge. Obs. mica.					54			Pen 100			PT-15	20.25-20.3820.25 CR=NIL RQD=NIL 21.00-21.1221.00
			21.75m		_	55 55	2.0	cm ≥	Pen <u>100</u>	th.	00	R18	CR=NIL RQD=NIL
							3.0	cm	Pen	tn.		R19	21.75–21.8821.75 CR=26% RQD=NIL 22.50
					 							R20	CR=34% RQD=23% 23.25 CR=41%
	Highly weathered, yellowish grey, co	arse	graied, highly		_[]							R21 R22	RQD=NIL
	fractured rock. Obs. I	kankars	s & rusty spots.									R23	RQD=NIL ↓ 24.75 CR=32% RQD=17% ↓
			26.25m									R24	CR=25% 25.50 RQD=NIL
			20.2311		Ц							R25	CR=39% RQD=37% 27.00
												R26	CR=29% RQD=NIL ↓
	Highly to moderately grey to yellowish gr				╢							R27	CR=24% 27.75 RQD=NIL 128.25
	fractured rock. Obs.				H							R28	CR=40% RQD=NIL 29.00
			30.00m									R29	CR=49% RQD=NIL 30.00
					*								BH-1/Sheet-2
				Page	u 1	/ 2 5							Dn-17 Sneet-2

BORE LOG DATA SHEET BORE HOLE NO. 2 Co-ordinates \$\frac{826,000}{6(-1)7,000}	Project : Geotech. In	nv. woi									CETEST
Field Test	Job No : 3576	A 777 A	<u> </u>							<u> </u>	
Penetrometer (SPT) 12	BORE LOG D	ATA	SHEET	BO.	KE						
Penetrometer (SPT) 12	Field Test	Nos	Samples		No	S					
Disturbed (DS Water Sample (WS) 0 Water Struck At : Standing Water Level : 1.65 m SAMPLES SA	Penetrometer (SPT)	12	Undisturbed (l	JDS)	2		•				
Disturbed (DS) 13 Water Struck At :	Cone (Pc)			•		-	evel	Of (Ground	: 143.8	809 m.
DESCRIPTION Stiff, blackish grey to brownish grey, sity clay with low % of sand mixture. Obs. rusty spots. 1.75m Hard, blackish grey to brownish grey, sity clay with low % of sand mixture. Obs. rusty spots. 3.75m Hard, brownish grey to yellowish grey patches. 5.50m Hard, brownish grey to yellowish grey patches. 5.50m 10.25m 10.25m Moderately weathered, brownish grey to yellowish grey to yellowish grey, medium grained rock. Obs. rusty spots. SMPLES N=VALUE ARE, No DS-1 0.50 SMPLES SAMPLES N=VALUE ARE, No DS-1 0.50 SPT-1 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.45 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41 1.00-1.41					'	` ''					
SYMBOL S	vane (v)		Water Sample	(WS)	<u> </u>	St					
Stiff, blackish grey to brownish grey, silty clay with low % of sand mixture. Obs. rusty spots. 1.75m Hard, blackish grey to brownish grey, silty clay with low % of sand mixture. Obs. rusty spots. 3.75m Hard, brownish grey to yellowish grey, silty clay. Obs. kankars & steel grey patches. 5.50m Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 5.50m Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 5.50m Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 5.50m 10.25m 10	DESCF	RIPTION	N	SYME	BOL	FACE					
sity blockish grey to brownish grey, sity clay with low % of sand mixture. Obs. rusty spots. 1.75m			0.00n	1	\Rightarrow					1101. 110	
sity blockish grey to brownish grey, sity clay with low % of sand mixture. Obs. rusty spots. 1.75m	Chiff blackish and		h							DS-1	0.50
rusty spots. 1.75m 1.								9			
Hard, blackish grey to brownish grey, silty clay with low % of sand mixture. Obs. rusty spots. 3.75m Hard, brownish grey to yellowish grey, silty clay. Obs. kankars & steel grey patches. 5.50m 47 52 20 mm Penth. 10.25m 10.25m						2 3	6			SPT-1	1.00-1.45
Hard, blackish grey to brownish grey, sitly clay with low % of sand mixture. Obs. 3.75m Hard, brownish grey to yellowish grey, sitly clay. Obs. kankars & steel grey patches. 5.50m 5.50m 16 28 31 16 28 31 16 28 31 16 28 31 16 28 31 16 28 31 16 28 31 17 0 m Penth. 21 00 SPT-3 SPT-4 6.00-6.32 SPT-4 6.00-6.32 SPT-4 6.00-6.32 SPT-5 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7.00-7.17 7			1.75n		\mathcal{L}					DS-2	1.75
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Tusty spots. 8 14 22 22 30 5PT-2 3.00-3.45 16 28 31 59 55 4.70 16 28 31 59 55 5PT-4 17 52 50 5PT-5 5PT-5 18 6 7 5PT-5 5PT-5 19 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 50 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 8 7 10 9 8 7 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 10 9 9 10 9 9 10 9 9 10 9 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 1	Hard, blackish gre	y to of sa	brownish grey, nd mixture Obs					7.0		DS-3	2.80
3.75m Hard, brownish grey to yellowish grey, silty clay. Obs. kankars & steel grey patches. 5.50m		01 30	na mixtare. obs.			8 14	22	36			
Hard, brownish grey to yellowish grey, silty clay. Obs. kankars & steel grey patches. 5.50m 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70			3 75m							DS-4	3 75
grey, sitty clay. Obs. kankars & steel grey patches. 162831 59					``\						
SPT-3 5.00-5.45 SPT-3 5.00-5.45 SPT-3 5.00-5.45 SPT-3 5.00-5.45 SPT-3 5.00-5.45 SPT-4 6.00-6.32 SPT-4 6.00-6.32 SPT-5 7.00-7.17 SPT-5 7.00-7.17 SPT-5 7.00-7.17 SPT-6 8.00-8.22 SPT-7 9.00-9.12 SPT-7 9.00-9.12 SPT-7 9.00-9.12 SPT-7 9.00-9.12 SPT-8 SPT-9 SPT-8 SPT-9	Hard, brownish arev. silty clay. Ol	grey os. ko	to yellowish ınkars & steel							DS-5	4 70
5.50m 22 48 55	grey patches.					1600	71	<u>59</u>			
22 48 55 2.0 cm Penth. DS-7 6.70 SFT-5 7.00-7.17 DS-8 7.60 SFT-5 7.00-7.17 DS-8 7.60 SFT-5 7.00-7.17 DS-8 7.60 SFT-6 8.00-8.22 SFT-6 8.00-8.22 SFT-6 8.00-8.22 SFT-7 SFT-8 SFT-8 SFT-8 SFT-8 SFT-8 SFT-8 SFT-9			5.50n		4	16/28					
Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 2.0 cm Penth. DS-7 7.00-7.17 7.00-7.17 2.0 cm Penth. DS-8 7.60 5.00-8.22 7.0 cm Penth. DS-9 8.70 5.00-9.12 7.0 cm Penth. DS-10 9.00-9.12 7.0 cm Penth. DS-9 8.70 7.0 cm Penth. DS-9 8.70 7.0 cm Penth. DS-9 8.70 9.00-9.12 7.0 cm Penth. DS-9 8.70 9.00-9						20/40	ا_ا	<u> 100</u>	<u>)</u>		
Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 34 53 7.0 cm Penth. 2100 SPT-6 8.00-8.22 7.0 cm Penth. 2100 DS-9 8.70 8.00-9.12 SPT-7 9.00-9.12 9.0 cm Penth. SPT-8 10.00-10.10 10.25m 55 12.0 cm Penth. SPT-8 10.00-10.10 10.25m Penth. 2100 SPT-9 10.25-10.3410.25 10.25m Penth. 2100 SPT-9 10.25-10.3410.25 10.25m Penth. SPT-8 10.00-10.10 11.75 R2 CR=44% RQD=NIL 11.75 R3 CR=64% RQD=NIL 12.50 R4 CR=41% RQD=NIL 12.50 R5 CR=53% RQD=NIL 13.25 R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 14.75 R8 RQD=NIL 14.75 R9 R9 R1 RQD=NIL 14.75 R9 R1 RQD=NIL RQD					\ \		l 2.lo	cm	Penth.		
Hard, brownish grey to yellowish grey, silty clay. Obs. rusty spots. 34 53 7.0 cm Penth. 2100 SPT-6 8.00-8.22 7.0 cm Penth. 2100 DS-9 8.70 8.00-9.12 SPT-7 9.00-9.12 9.0 cm Penth. SPT-8 10.00-10.10 10.25m 55 12.0 cm Penth. SPT-8 10.00-10.10 10.25m Penth. 2100 SPT-9 10.25-10.3410.25 10.25m Penth. 2100 SPT-9 10.25-10.3410.25 10.25m Penth. SPT-8 10.00-10.10 11.75 R2 CR=44% RQD=NIL 11.75 R3 CR=64% RQD=NIL 12.50 R4 CR=41% RQD=NIL 12.50 R5 CR=53% RQD=NIL 13.25 R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 14.75 R8 RQD=NIL 14.75 R9 R9 R1 RQD=NIL 14.75 R9 R1 RQD=NIL RQD						47 50					
silty clay. Obs. rusty spots. 34 53 7.0 cm Pentn. ≥100 SPT-7 9.00-9.12 12.0 cm Pentn. ≥100 SPT-8 10.00-10.10 SPT-8 10.00-10.10 SPT-9 10.00-10.10 R1 R2 R2 R2 R4 R0D=NIL 11.75 R7 R7 R7 R7 R7 R7 R7 R7 R7					$\langle \cdot \cdot \rangle$	4/ 32	2.0	cm	Penth.		
10.25m			yellowish grey,					<u>>100</u>	<u>)</u>		
10.25m	silty clay. Obs. rusty	y spot	S.			34 53	70	hm	Penth	SPT-6	8.00-8.22
10.25m									1 1	DS-9	8.70
10.25m						55	120	hm	Panta		
10.25m						_		<u> </u>) []]		
Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. R4			10.25m		` 'I		10.0				
Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. R4 RQD=NIL 11.75 R7 CR=41% RQD=NIL 12.50 R6 CR=53% RQD=NIL 14.75 R7 CR=47% RQD=NIL 14.75 R7 CR=47% RQD=NIL 15.50					Щ`		9.0		- 1 1		CR=46%
Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. NX ratary drilling from 10.25m to 30.00m R3 CR=64% RQD=NIL 12.50 R4 CR=41% RQD=NIL RQD=NIL 12.50 R5 CR=53% RQD=NIL 14.00 R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 14.75 R7 CR=47% RQD=NIL 14.75											11.00
Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. 10.25m to 30.00m						NX ro	tary	drillin	g from	R2	RQD=NIL 🕴 📗
Moderately weathered, brownish grey to yellowish grey, medium grained rock. Obs. rusty spots. R4 CR=41% RQD=NIL RQD=N					Π		ır		-	R3	CR=64%
to yellowish grey, medium grained rock. Obs. rusty spots. R4 CR=41% RQD=NIL 13.25 R5 CR=53% RQD=NIL 14.00 R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 15.50	Moderately weathe	red	brownish arev	┞┼┼	₩					""	
rock. Obs. rusty spots. R5 CR=53% RQD=NIL 14.00 R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 15.50 R7 CR=47% RQD=NIL R7 CR=47% R	to yellowish grey	, me			긖					R4	
14.00 R6 R7 RQD=NIL 14.00 R6 RQD=NIL 14.75 R7 R7 RQD=NIL 15.50	rock. Obs. rusty spo	its.			Щ					55	13.25
R6 CR=52% RQD=NIL 14.75 R7 CR=47% RQD=NIL 15.50										K5	RQD=NIL 🕴 📗
14.75 R7 CR=47% RQD=NIL 15.50					\prod					R6	CR=52%
15.50m 15.50m 17 RQD=NIL 15.50					州						14.75
			45.50		ᆔ					R7	RQD=NIL V
BH-2/Sheet-1			15.50n	٠,	<u> </u>						15.50 BH-2/Sheet-1

Γ	Project : G	entech Ir	ov wor	k for Prop. 1 x 6	OOMW S	TPP :	at Sir	ogaret	ni Adi	ilahad	Telengan	a (=	T=GT
		576		Created by:								15 Sheet N	
	BORE L	OG D	ATA	SHEET	BO	RE	НО	LE	NC). 2	Co-	-ordinates E= N=	:260.000 (–)177.000
	Field Te	est	Nos	Samples		Nos				nt Date Date		/09/15 /09/15	
	Penetrometer	r (SPT)	12	Undisturbed (U	-	2	1			ameter		09/15 0 mm. / N	.x.
	Cone (Pc)			Penetrometer (SPT)	12				round		3.809 m.	
	Vane (V)			Disturbed (DS) Water Sample	(WS)	13 0				ck At :r Level		55 m.	
-		DECOE		•				N-V		. 20101	110	SAMPLES	
		DESCR	RIPTION		SYMB	E	ACH	DIVN	. =	15cm.	Ref. N	o Depth	(m)
				15.50m							R8	CR=NIL	}
						— 52	2		<u>100</u>		SPT-1	RQD=NIL 0 16.25-16.3	∜ 331 6.25
				nered, yellowish				8.l0 ≥	cm P <u>100</u>	enth.	R9	CR=NIL RQD=NIL	↓
				oarse grained, d as sludge.		5 ₄	1 1	0.0	cm F	entn.		1 17.00-17. CR=NIL	10 17.00
	Obs. mica.	_		3 **	$\vdash -$	\dashv			<u> 100</u>		R10	RQD=NIL	 ↓
						55	<u> </u>	0.0	cm F	entn.	SPT-1: R11	2 18.00-18. CR=23%	10 18.00
-				——— 18.75m								RQD=NIL	18.75
						#					R12	CR=27% RQD=23%	
											R13	CR=57%	19.50
	Highly to mo	derately	to slie	ghtly weathered,	$\vdash\vdash\vdash$	4						RQD=NIL	20.25
	blackish gre	y to bro		grey, medium							R14	CR=63% RQD=17%	
┩	grained rock	•									R15	CR=61%	21.00
												RQD=56%	21.75
				22 50		\exists					R16	CR=63% RQD=55%	
				22.50m							R17	CR=51%	22.50
						#						RQD=NIL	23.25
					H	Щ.					R18	CR=40% RQD=NIL	24.00
						\Box					R19	CR=45% RQD=14%	24.00 ,
	Moderately	weathe	red, b	orownish grey		耳							24.75
				arse grained							R20	CR=51% RQD=15%	25.50
	TOCK.					\exists					R21	CR=47% RQD=19%	1
													26.25
						#					R22	CR=40% RQD=13%	27.00
											R23	CR=59% RQD=NIL	27.00
-				27.75m	╁┼	4						CR=53%	27.75
					Ħ	耳					R24	RQD=NIL	28.50
				ed, brownish grey grained rock.							R25	CR=77% RQD=75%	1
	to greyisii l	orowii, C	,ourse	grained rock.		\exists					_	CR=56%	29.25
				30.00m		\exists					R26 DS-11	RQD=45%	3 √ 0 30.00
				33.00111									
L					Page	1	170					BH-	-2/Sheet-2

Project : Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana Job No : 3576	50.000 262.000
Field Test Nos Samples Nos Commencement Date 07/09/15 Completion Date 10/09/15	
Penetrometer (SPT) 9	,
Penetrometer (SPT) 9	,
Disturbed (DS) 9 Water Struck At : Vane (V) Water Sample (WS) 0 Standing Water Level : 4.5 m.	
Vane (V) Water Sample (WS) 9 Water Struck At :	
DESCRIPTION SYMBOL N-VALUE SAMPLES	
SYMBOL EACH DIVN. = 15cm. Ref. No Depth (m O.00m Stiff, brownish grey to blackish grey, silty clay. 3 4 6 DS-1 0.50 DS-2 1.75 UDS-1 2.00-2.45 DS-3 2.70 DS-3 DS-3 2.70 DS-3 DS-3 2.70 DS-3 DS-3	
O.00m Stiff, brownish grey to blackish grey, silty clay. O.00m SPT-1 O.50 SPT-1 DS-2 1.75 UDS-1 2.50m DS-3 2.70	 n)
Stiff, brownish grey to blackish grey, silty clay. 2.50m 2.50m 3 4 6 10 SPT-1 1.00-1.45 DS-2 1.75 UDS-1 2.00-2.45	
Stiff, brownish grey to blackish grey, silty clay. SPT-1 1.00-1.45 DS-2 1.75 UDS-1 2.00-2.45	
2.50m DS-2 1.75 UDS-1 2.00-2.45	-5
2.50m 2.70	
	-5
1	
Hard, blackish grey, silty clay. Obs. 112333 SPT-2 3.00-3.45	-5
nodules.	
4.30m 9 25 37 SPT-3 4.00-4.45	-5
100 DS-5 4.70	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-2
12.0 cm Penth. DS-6 5.70	
Hard, brownish grey, silty clay. │ `	8
Obs. saila illixture & calcareous hodates. \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3
50 3100 SPT-6 7.00-7.13 13.0 cm Pentn. DS-8 7.50 3100 SPT-7 8.00-8.09	
50 9.0 cm Penth. SPT-7 8.00-8.09	19
8.50m 50 Refusal SPT-8 *8.50-8.55 8 CR=34% RQD=NIL	8.50
	9.25
	0.00
	0.75
Highly to modeately weathered, brownish	1.50
R6 CR=54%	2.25
	3.00 3.75
	\
R9 CR=44% RQD=NIL	A
15.50m BH-3/S	4.50 5.25

Page 7/272

ſ	Project : Geotec	h Inv w	wir fon Duon 1 w 6	ONNOW C	↓	4 Cin	romoni	Adila	had	Tolongono	C=T=CT	
	Job No : 3576	II. IIIV. WC	Created by :								Sheet No:	
	BORE LOG	DATA					LE			' ''	rdinates E=260.000 N=(-)262.000	
	Field Test	Nos	Samples		Nos	1	nmence mplet				9/15 9/15	
Ī	Penetrometer (SP	PT) 9	Undisturbed (L	JDS)	1	1	e Hole				mm. / N.X.	
	Cone (Pc)		Penetrometer		9	Lev	vel O	f Gro	und	: 143.9	912 m.	
	Vane (V)		Disturbed (DS)		9	1	ter S				_	
ŀ	varie (v)		Water Sample		0 		nding ' N-VAL		Leve		n. SAMPLES	
	DE	SCRIPTIC	N	SYMB					5cm.	Ref. No	Depth (m)	
			15.50m							R10	CR=45% RQD=20%	
										R11	16.00 CR=38% RQD=NIL	
	Highly to modeat grey, fine to medium rock. Obs. sand	grained,	moderately fractured							R12	16.75 CR=40% RQD=NIL ▼ 17.50	
					_ <u> </u> 					R13	CR=36% RQD=NIL 18.25	
			———— 18.50m							R14	CR=46% RQD=24% ▼ 19.00	
	Highly to mode brownish grey, me moderately fractu	edium to	coarse grained,							R15	CR=25% RQD=NIL 19.75	
			20.50m							R16	CR=28% RQD=NIL ▼ 20.50	
→	Completely wea grey, medium to confractured rock.						Refu	usal		R17 *SPT-9	CR=NIL RQD=NIL ▼ 21.25-21.27 21.25	4
	Tractarea rock.					1 1	2.0 cr	n Pe	nth.	R18	CR=36% RQD=NIL ▼ 22.00	
	Highly to mode									R19	CR=37% RQD=21% ↓ 22.75	
	brownish grey, me moderately fractu									R20	CR=34%	
			24.25m							R21	CR=50% RQD=28% ↓ 24.25	
	Moderately wea	thered	light brownish							R22	CR=58%	
	grey, medium to of fractured rock.									R23	CR=51% RQD=40% ▼ 25.75	
			26.50m							R24	CR=41% RQD=25% ↓ 26.50	
										R25	CR=52% RQD=NIL ▼ 27.25	
	Moderately to	slight	ly weathered,							R26	CR=56% RQD=21% ▼ 28.00	
	brownish grey to rock.									R27	CR=60% RQD=NIL ▼ 28.75	
										R28	CR=58% RQD=48%	
			30.00m							R29	CR=80% 29.50 RQD=36% 30.00	
	N.B. — '*' med be recovered.	ıns sam	nple could not									
					T						BH-3/Sheet-2	

Project : Geotech	. Inv. woi	rk for Prop. 1 x 6	00MW S	↓ STPP	at S	inga	reni,	Adilal	oad,	Telengana	CETEST
Job No : 3576		Created by:	Chai	ndra	ni	Cr	eated	on	: 2	23/09/2015	
BORE LOG	DATA	SHEET	B0	RE	H	0L	E N	10.	4	Co-o	rdinates E=223.000 N=(-)217.000
Field Test	Nos	Samples		Nos	;		nencer pleti)9/15)9/15
Penetrometer (SP1) 12	Undisturbed (L	IDS)	2	- 1		Hole				mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	12	- 1		l Of				38 m.
		Disturbed (DS)		13	w	'ate	er St	ruck	Αt	:	
Vane (V)		Water Sample	(WS)	0	St	and	ing W	ater l	_evel	: 4.1	m.
DES	CRIPTION	N	SYME	101 L			-VALI				SAMPLES
				E	ACH	l D	IVN.	= 15	cm.	Ref. No	Depth (m)
		0.00m		$\overline{}$							
Stiff, brownish	grey t	o light grey,								DS-1	0.50
blackish grey, s	silty clo	ay. Obs. sand	1	`\ ,	, ,		9			CDT 1	1 00 1 45
mixture.) 3	3	6				SPT-1	1.00-1.45
		1.80m		$\overline{\langle}$						DS-2	1.75
			111							UDS-1	2.00-2.45
							23			DS-3	2.80
Very stiff, whiti				`. √ ε	3 3 1 1	12		'		SPT-2	3.00-3.45
grey, silty clay. O	bs. kank	kars.								DS-4	3.75
				'\]						UDS-2	4.00-4.30
		. ==									
.,		4.70m	::: :::				56			DS-5	4.70
Very dense, whit grey, silty sand w				1	0 23	33				SPT-3	5.00-5.45
groy, every earra in		5.80m	ļ	Щ			>10			DS-6	5.75
I I amad — Is as a marketic — a				2	8 50			Ť_		SPT-4	6.00-6.26
Hard, brownish g silty clay. Obs. ru						11.	0 pm 210	ıl Pen ın	ith.	DS-7	6.50
, ,	, ,			5	- 1	12.		Pen	th.	SPT-5	7.00-7.12
		7.25m		7 5	5	10	<u>216</u> 0 cm		th	SPT-6 R1	7.25-7.35 7.25
			┝┶┼	┯╢		0.	٠ J			KI	RQD=NIL † 8.00
Highly weathere			H	ᆛᅰ						R2	CR=33% RQD=NIL V
whitish grey, med [:] 	ium gra	ined rock.		Ш							8.75
				١			y drill			R3	CR=40% RQD=NIL
Moderately weath	nered. w		╎ ╤┷╅	┸	/.2	(Om	to 3	ψ.υψm 	וי		9.50 CR=45%
yellowish grey, c		arained rock.	┝┶┼							R4	RQD=25% ▼
		10.25m								R 5	10.25 CR=NIL
				5	4		<u> </u>	<u> </u>		R5 DS-8 SPT-7	RQD=NIL
				Z $^{\circ}$	1	10.		Pen	th.	R6 DS-9	CR=NIL RQD=NIL V
				5	5		<u>>10</u>			DS-9 SPT-8	11.75-11.8711.75
Completely wea				_		12.	mþ 0 21 <u>k</u>	Pen	th.	R7	CR=NIL RQD=NIL V
whitish grey, me fully decomposed r				5	이			ГΙ		DS-10 SPT-9	12.50-12.6212.50 CR=NIL
as sludge.	ock grug	mioni conecteu		\dashv_{\vdash}		12.	0 cm <u>210</u>	Pen 0	(n.	R8 DS-11 SPT-10	RQD=NIL ▼
-				5	4	8.	0 cm	Pen	th.		13.25-13.33 13.25 CR=NIL
					3		<u> </u>			R9 DS-12 SPT-11	RQD=NIL 14.00-14.071 4.0 0
				7		7.		Pen	th.		CR=NIL RQD=NIL
Highly to moderatel	v weathe	14.75m	\vdash	 5	5		<u>21k</u>	ТΙ		R10 DS-13 SPT-12	14.75-14.83 14.75
to yellowish grey	, coarse	grained rock.				8.	U ¢m	l Pen	th.	R11	CR=33% RQD=NIL
Obs. mica & rusty	y spots.	15.50m									15.50
			Dago	1							BH-4/Sheet-

ſ	Project : Geote	ch. I	nv. wor	·k for Prop. 1 x 6	00MW S	± STPP &	at Si	ngare	ni. A	dilaba	ad.	Telengana	(C='	T=ST
ļ	Job No : 3576			Created by:										
	BORE LOC	d D	ATA	SHEET	BO	RE	HC)LE	N	0.	4	Co-or	rdinates E= N=(223.000 -)217.000
Ī	Field Test		Nos	Samples		Nos		mmei mpl					9/15 9/15	
ľ	Penetrometer (S	SPT)	12	Undisturbed (U	JDS)	2	1	re H					9/13 mm. / N.	x.
	Cone (Pc)			Penetrometer (12	Le	vel	Of (Grou	nd	: 143.8	38 m.	
	Vane (V)			Disturbed (DS)		13		ater						
	varie (v)			Water Sample	(WS)	<u> </u>	Sto	anding	g Wat 'ALUE		evel T		n. SAMPLES	
	D	ESCF	RIPTION	1	SYMB		ACH				m.	Ref. No	Depth	(m)
•				15.50m		\ \ \ \			ΪΤ			R12	CR=28%	
												R13	RQD=NIL CR=59%	16.25
												R14	RQD=37% CR=40%	17.00
	Highly to mode grey to yellowish											R15	RQD=20% CR=39%	17.75
	Obs. mica & ru			se gramed rock.									RQD=24% CR=55%	18.50
												R16	RQD=49% CR=44%	19.25
						\dashv						R17	RQD=NIL	20,00
				20.75m	 							R18	CR=41% RQD=NIL	20.75
→												R19	CR=53% RQD=NIL	21.50
												R20	CR=51% RQD=NIL	22.25
						$\frac{1}{1}$						R21	CR=56% RQD=NIL	23.00
	Moderatey to sli to yellowish											R22	CR=54% RQD=NIL	23.75
	rock. Obs. rusty			J								R23	CR=62% RQD=NIL	↓
												R24	CR=51% RQD=16%	24.50
				00.00								R25	CR=56% RQD=NIL	25.25
				———— 26.00m								R26	CR=45% RQD=NIL	26.00
						\blacksquare						R27	CR=35% RQD=31%	26.75
	Highly to mode grey to yellow											R28	CR=57% RQD=37%	27.50
	coarse grained					+						R29	CR=50% RQD=16%	28.25
												R30	CR=41%	29.00
				30.00m	##	廿						1,50	RQD=NIL	30.00
						1							BH-	4/Sheet-2

Project : Geotech. In	v. wor										_	CE	TES'
Job No : 3576		Created 1	<u> </u>			•					<u>5/09/2015</u>		
BORE LOG D	<u>AT</u> A	SHEET		BOI	RE	_H(OLF		10.	5	Со-о	rdinates N=	:223.00 [,] (-)177.00
Field Test	Nos	Samp	oles		No	SI			nent D			9/15	
Penetrometer (SPT)	11	Undisturbe	d (U	DS)	2	- 1			on Do)9/15	V
	''	Penetrome		•	11	. "			Diame Grou			mm. / N. 49 m.	.X.
Cone (Pc)		Disturbed		,	13	. _`			ruck			13 111.	
Vane (V)		Water Sam	ple	(WS)	0				ater Le			m.	
DECCE	IDTION			SYMB				VALU				SAMPLES	
DESCR		\		SIMP		EACH	DIV	/N. :	= 15c	m.	Ref. No	Depth	(m)
		0.	.00m		7								
											DS-1	0.50)
Stiff, brownish o	ırev	to vellow	ish			6 6	9	<u>15</u>			SPT-1	1 00 4	15
grey, silty clay. ¯					\\	٥١٥	9					1.00-1	
& sand mixture.											DS-2	1.75	
											UDS-1	2.00-2	2.45
		2.	.80m		\forall			18			DS-3	2.80)
					11	8 8	10				SPT-2	3.00-3	3.45
Very stiff, whitish			ish	1							DS-4	3.75	5
grey, silty clay. Obs.	mico	J.									UDS-2	4.00-4	38
		4.	.70m								DS-5	4.70)
						 5 26		<u> 10</u>	<u> </u>		SPT-3	5.00-5	
Very dense, greyish	y dense, greyish brown to browr						7.0	¢m	Pent	h.	311 3	3.00 3	7.57
grey, silty sand. Obs	. kan	kars.						<u> 10</u>	<u>o</u>		DS-6	5.80	
		6	.50m			22 26		cm	 Pent	h.	SPT-4	6.00-6	5.38
								×10		''	DS-7	6.80)
Very dense, brownis Obs. kankars.	sh gr	ey, silty so	and.		2	28 39			D - 1		SPT-5	7.00-7	'.35
obo. Karikaro.							5.0	210	Pent 0	n.	DS-8	7.75	5
		 8.	.00m			38 52						8.00-8.28	8.0
					Ш		13.0	¢m	Pent	n.	R1	CR=23% RQD=NIL	_ <u> </u>
				┞┤┼┼	卄						R2	CR=24%	8.7
				╟┼┼┼	긤							RQD=NIL	∤ 9.5
				<u> </u>	Щ	NX r	otary	drill	ing fro	m	R3	CR=26% RQD=NIL	Ĭ
Highly weathered, b	rownis	sh grey, hic	ghly						p.opm		5.4	CR=29%	10 2
ractured rock. Obs.			, ,		\prod						R4	RQD=NIL	.
				┞┤┼┼	卄						R5	CR=33%	11.0
				╟┼┸┼	긤							RQD=NIL	
				\sqcup	Щ						R6	CR=21% RQD=NIL	ij
												CR=32%	12.5
		17	25~		\prod						R7	RQD=NIL	↓
		 13.	.25m		\exists						R8	CR=NIL	13.2
Completely weather	red 1	arevieh bro	wn		┨.	 36 51		<u> 10</u>	<u>o</u>		DS-9	RQD=NIL 14.00-14.:	2514.0
medium grained, roc	k fraç				\nearrow			, Gm	O Pent	n.	SPT-7 R9	CR=NIL	∠31 4. 0 ∐
as sludge. Obs. mic	a.				\exists	36 51		710	<u> </u>		DS-10 SPT-8	RQD=NIL 14.75-15.0	₹ ე3 14.7
		4.5	F.O.				13.0	c cm	Pent	h.	R10	CR=NIL RQD=NIL	į.
		15.	.50m										<u> 15.5</u>

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Γ	Project : Geotech.	Inv. wor	k for Prop. 1 x 6	00MW S	↓ STPP a	t. Singare	eni. Adil	abad.	Telengana	C= 1	r=5T
ŀ	Job No : 3576	11111 11101	Created by:							Sheet N	0:
	BORE LOG I	OATA	SHEET	BO	RE	HOLE				ratifaces N=(223.000 -)177.000
	Field Test	Nos	Samples		Nos		ncemen letion)9/15)9/15	
	Penetrometer (SPT)	11	Undisturbed (U		2		lole Dia			mm. / N.	x.
	Cone (Pc)		Penetrometer ((SPT)	11		Of Gr			49 m.	
	Vane (V)		Disturbed (DS)	(MC)	13		Struc				
-	valie (v)		Water Sample	(WS)	0		ig Water VALUE	Level		m. SAMPLES	
	DESC	RIPTION	1	SYMB	OL EA			5cm.	Ref. No	Depth ((m)
ŀ			15.50m			51 -	<u> 100 </u>		DS-11 SPT-9 R11	15.50-15.7 CR=NIL	
	Completely weather medium grained, ro				— 50	-	cm Pe >100		DS-12 SPT-10	RQD=NIL 16.25-16.3	81 6.25
	as sludge.		17.00m		<u></u>		cm P >100	entn.	R12 DS-13 SPT-11	CR=NIL RQD=NIL	017.00
			17.00111		== 53 		cm P	entn.	R13	17.00-17.1 CR=24% RQD=NIL	
									R14	CR=21% RQD=NIL	17.75
	Highly weathered, g grained, fractured r		brown, medium						R15	CR=25% RQD=NIL	19.25
									R16	CR=21% RQD=NIL	
			20.75m						R17	CR=23% RQD=NIL	20.00
▶			20.75111		<u> </u>				R18	CR=27% RQD=NIL	21.50
									R19	CR=32% RQD=NIL	↓
					<u> </u>				R20	CR=30% RQD=NIL	22.25
					<u> </u>				R21	CR=31% RQD=NIL	23.00
	Highly to moderatel grey to dark green rock.								R22	CR=37% RQD=NIL	23.75
	TOCK.								R23	CR=40% RQD=20%	24.50
									R24	CR=44% RQD=21%	25.25
									R25	CR=30% RQD=21%	26.00
									R26	CR=41% RQD=NIL	26.75
-			27.50m						R27	CR=58% RQD=13%	27.50
	Moderately to slig	htly w	eathered, dark		\exists				R28	CR=53%	28.25
	grey, ighly fractur									RQD=NIL CR=71%	29.00
			30.00m						R29	RQD=21%	30.00
L				1	↑			1	<u> </u>	BH-5	5/Sheet-2

Project : Geotech. I	nv. woi										CETEST
Job No : 3576		Created by:									
BORE LOG D	ATA	SHEET	B0	RE		<u> </u>		NO			rdinates E=184.000 N=(-)248.000
Field Test	Nos	Samples		No	SI			cemen			08/15 09/15
Penetrometer (SPT)	10	Undisturbed (L	IDS)	2	- 1		•	etion Ne Dic			mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	10	. I			Of Gr			727 m.
		Disturbed (DS)		10	'	Vat	er	Struc	k At		
Vane (V)		Water Sample	(WS)	<u> </u>	S		<u>_</u>	Water	Leve		
DESCF	RIPTION	N	SYMB	BOL	EACI			ALUE . = 1	15 a ma		SAMPLES Depth (m)
		0.00m			EACI		IVIN		Joem.	Rei. No	Deptil (III)
										DS-1	0.50
								15			
					7 7	8				SPT-1	1.00-1.45
Stiff to very stiff,										DS-2	1.75
clay with traces of	sana	mixture.	1	`;						UDS-1	2.00-2.45
										DS-3	2.80
					7 9	12		<u>21</u>		SPT-2	3.00-3.45
		3.70m								DS-4	3.70
										UDS-2	4.00-4.30
Light grey cla	yey	silly sana.								DC E	4.80
		5.00m			13 28	350		100		DS-5 SPT-3	4.80 5.00-5.40
							6m	Pent	n.		
Very dense, brown					50			100		DS-6 SPT-4	5.80 6.00-6.10
brown, coarse gr Obs. mica.	ainec	a, siity sana.			10	.0		Pent	n.	DS-7	6.50
					42 50		≥	100		SPT-5	7.00-7.17
		7.50m					cm	Pent	n.	DS-8	7.50
Very dense, yellowis					38 50		2	100		SPT-6	8.00-8.20
grey, coarse grain coarse grained, sil							cm	Pent	n.		
& clay binder.		9.00m						100		DS-9	8.65
		3.0011		\\	20 37			Pent	n.	SPT-7	9.00-9.32
Hard, brownish gr	ey, s	ilty clay with						100		DS-10	9.60
sand mixture. C	bs. ı	rusty spots.			21 58 10		cm	Pent	,	SPT-8	10.00-10.25
		44.00						100	''		
		11.00m			54 9	.lo	cm	Pent	n.	SPT-9 R1	11.00-11.0911.00 CR=28%
				╝.	31 50		≥	100		SPT-10	RQD=NIL
				Д`			cm	Pent	n.	R2	11.75=12.0211.75 CR=60%
				口						5.7	12.50 CR=73%
Moderartely to slight grey to greyish bro			##	\dashv						R3	RQD=NIL
rock.	· ++ + +	Tactarea		井	NX I	ota •	ry d	 rilling	from	R4	CR=72% RQD=NIL V
					11	00	m d	o 30.0	00m		14.00
				4						R5	CR=65% RQD=NIL
				耳						R6	14.75 CR=63%
		15.50m									RQD=NIL
				1	-						BH-6/Sheet-1

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Project : Geotech. In	1V. WAY	k for Prop. 1 x 6	00MW S	↓	nt Singe	reni	Adilahad	Telengana	/=T=C	
Job No : 3576	.v. WUI	Created by :							Sheet No:	<u>* 1</u>
BORE LOG D	ATA	SHEET	BO	RE	HOL	E I	NO. 6	Co-o	rdinates E=184.0 N=(-)248.	000 .000
Field Test	Nos	Samples		Nos	1		ment Dat		08/15 09/15	
Penetrometer (SPT)	10	Undisturbed (U	DS)	2	1		Diamete		mm. / N.X.	
Cone (Pc)		Penetrometer ((SPT)	10			Ground		727 m.	
Vane (V)		Disturbed (DS) Water Sample	(WS)	10 0	1		truck At Vater Leve		m	
	L					-VAL			SAMPLES	\dashv
DESCR	MPTION		SYMB	OL E	ACH DI	VN.	= 15cm	. Ref. No	Depth (m)	
Slightly weathered, bro grey, coarse grained								R7	CR=64% RQD=23% 16.:	25
		17.00m							RQD=37% 17.0 CR=46%	00
				4				R9	RQD=44% 17. CR=28%	75
								R10	RQD=NIL 18.5 CR=36%	50
								R12	RQD=NIL	25
				-4				K I Z	RQD=NIL †	00
								R13	CR=37% RQD=13% ↓ 20.	75
				_ <u> </u>				R14	CR=49% RQD=33% V	50 ←
								R15	CR=44% RQD=14% V	
Highly to moderately grey to yellowish grock. Obs. mica.								R16	CR=40% RQD=NIL 23.	
Tock. Obs. Tilica.				_ 				R17	CR=33% RQD=NIL 23.	
								R18	CR=60% RQD=41% ▼	
								R19	CR=41% RQD=14%	
				_ <u> </u> 				R20	25. CR=51% RQD=21%	
								R21	26.0 CR=47% RQD=16%	
								R22	26. CR=45% RQD=13%	
				_				R23	27. CR=44% RQD=NIL	
		28.80m						R24	28. CR=55% RQD=NIL V	
Moderately weather		light grey to						R25	29. CR=50% RQD=35%	00
g. 5), 11 doce		30.00m	μЦ	Щ					30.0	00
				†					BH-6/She	et-2

Project : Geotech.	Inv. wor									CETEST
Job No : 3576		Created by:	Char	ndra	ni	Cr	eated	on : 3		
BORE LOG	DATA	SHEET	BO	RE	H	0L	E N	10. 7	Co-o	rdinates E=183.000 N=(-)217.000
Field Test	Nos	Samples		Nos	3			nent Date on Date		09/15 09/15
Penetrometer (SPT) 15	Undisturbed (U	IDS)	2	- 1		•	Diameter		mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	15		eve	l Of	Ground	: 144.	12 m.
		Disturbed (DS)		15	w	/ate	er Str	ruck At	:	
Vane (V)		Water Sample	(WS)	0	St			ater Leve	l: 4.2	m.
DES	CRIPTION	J	SYMB	101 L			-VALU			SAMPLES
				E	ACH	l D	VN. =	= 15cm.	Ref. No	Depth (m)
		0.00m							DS-1	0.50
Stiff, brownish (grey, s	ilty clay with			3 4	6	10		SPT-1	1.00-1.45
traces of sand mi				\\					DS-2	1.70
									UDS-1	2.00-2.45
		2.60m					41		DS-3	2.80
				9	9 17	24	41		SPT-2	3.00-3.45
Dense, brownish									DS-4	3.75
grey, silty sand. C	ıbs. kan	kars.							UDS-2	4.00-4.20
		4.70							DO 5	4.70
		4.70m					<u>>10</u>	<u>o</u>	DS-5	4.70
				1	9 42	50 9.		Pentn.	SPT-3	5.00-5.39
Very dense, whiti	ish are	y to vellowish					×10		DS-6	5.80
grey, silty sand.	isii gie	y to yerrowish		3	1 39			_	SPT-4	6.00-6.42
						12.	0 cm 210	Pentn. 0	DS-7	6.75
				5	o				SPT-5	7.00-7.09
		7.50m	H			9.		Penth.	DS-8	7.50
				\\]_1	7 52	,	<u>>10</u>	<u> </u>	SPT-6	8.00-8.20
						5.0) dm	Pentn.	DS-9	8.50
							<u>>10</u>	<u>o</u>		
				``\2	8 50	7.0	\ dm	Pentn.	SPT-7	9.00-9.22
Hard, brownish		, silty clay.					/ GIII >> 10		DS-10	9.50
Obs. sand mixture	e & kan	kars.		\\ 3	0 51		114	-	SPT-8	10.00-10.28
				\\		13.	0 cm	Penth.		
							<u>>10</u>	0	DS-11	11.00
				\\5	5	12.		≚ Pentn.	SPT-9	11.50-11.62
		12.00m	<u> </u>	<u>`</u> → 5	.1	4	∪ cm <u>≯10</u>		SPT-10	12.00-12.08 12.00
		, 2.00111		<u>, </u>	` '	8.		Pentn.	R1	CR=39% RQD=NIL V
			╟┼┼	닊						12.75
			HH	Щ,	J				R2	CR=33% RQD=NIL
Highly to moderate grey to brownish				∭'		.00r		ng from 60.00m		13.50 CR=44%
rock.	g. Cy, 11	-g, Tractarea		Ī []					R3	RQD=NIL V
				 					R4	14.25 CR=56%
			╟┼┼	Щ					",	RQD=NIL
		15.50m		Щ					R5	CR=46% RQD=16%
			1	1		ш			I	BH-7/Sheet-1

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ſ	Project : (Geotech. II	nv. wor	k for Prop. 1 x 6	OOMW S	↓	at S	inga	reni	. Ad	ilaba	d. Te	elengana	C	-T=ST
	•	3576		Created by:											No:
	BORE I	LOG D	ATA	SHEET	BO	RE	H	OL	E	NO).	7	Co-c	ordinates <mark>N</mark>	=183.000 =(-)217.000
	Field To	est	Nos	Samples		Nos	3				nt D Da			09/15 09/15	
	Penetromete	r (SPT)	15	Undisturbed (L	•	2	В		•		iame			mm. / 1	۱.X.
	Cone (Pc)			Penetrometer (DS)		15 15	-				rour			.12 m.	
	Vane (V)			Water Sample		0	_ ''				ck . er Le			m.	
ŀ		DESCE	RIPTION	·	SYMB	<u> </u>			–VAI					SAMPLES	
		DESCI					EACH	l Di	IVN.	=	15c	n. F	Ref. No	Depth	(m)
				15.50m hered, blackish ighly fractured									R6 R7	CR=60% RQD=NI CR=48% RQD=15	16.50
				17.25m greyish brown, ment collected		5	51 50	3.	<u>Ref</u> i O ci <u>Ref</u> i	m F usal m F usal m F	Pentr Pentr L Pentr). *	DS-13 SPT-12 BS-14 SPT-13	CR=NIL RQD=NI 18.00-18 CR=NIL RQD=NI 18.75-18 CR=NIL RQD=NI 19.50-19 CR=NIL RQD=NI 20.25-20	17.25 L .0418.00 L .7818.75 L .5419.50
•	grey to g	reyish	brov	——— 20.25md, brownish vn, medium actured rock.			00		0 cı <u>Ref</u> ı	m F usal	entr). *	R12	CR=40%	.0221.00 .0221.75
	to greyish	brown,	medi	prownish grey um to coarse s. Obs. mica.									R15 R16 R17	CR=63% RQD=NI CR=65% RQD=27 CR=65% RQD=52	23.25 % 7% 24.00
	g			25.50m									R18	CR=639 RQD=20	24 4 30
						\blacksquare							R19	CR=449 RQD=18	
				prownish grey									R20	CR=499 RQD=22	2%
				um to coarse a. Obs. mica.									R21	CR=379 RQD=NI	L
						\exists							R22	CR=50%	
	Moderatoly	weatha	red b	28.50m prownish grey		\exists							R23	CR=749	28.50 %
	to greyish	brown,	medi	um to coarse de Dos. mica. 30.00m									R24	RQD=16 CR=669 RQD=36	29.25 %
	N.B. — '*' be recovered		samp	ole could not										F	1-7/Sheet-2
						U								바	1-77 SHEEL-Z

Project : Geo	tech. Iı	nv. wor	k for Prop. 1	x 60	OMW S	↓ TPP	at S	ingar	eni, Ac	lilabad,	Telengar	na CETES
Job No : 357	' 6		Created by	y :	Char	dra	ni	Crea	ted	on:	23/09/20	
BORE LO	G D	ATA	SHEET		BOI	RE				3. 8		-ordinates E=183.00 N=(-)177.0
Field Test		Nos	Sampl			Nos	;			ent Date n Date		/09/15 -/09/15
Penetrometer	(SPT)	13	Undisturbed	(UE	DS)	2	В	ore H	ole D	iamete	r: 15	60 mm. / N.X.
Cone (Pc)			Penetromete	er (S	SPT)	13	Le	evel	Of C	Ground	: 14	4.032 m.
			Disturbed (I	-		13	W	ater	Stru	ıck At	: :	
Vane (V)			Water Samp	ole ((WS)	0	St			er Leve	l: 2.	2 m.
	DESCE	RIPTION	I		SYMB	oı L			/ALUE			SAMPLES
						<u> </u>	ACH	DIV	N. =	15cm	. Ref. N	lo Depth (m)
			0.0)0m}	1/,							
					`\\`	\\					DS-1	0.50
Stiff, light b									10			
grey, silty cla rusty spots.	y with	ı sand	mixture. Ol	DS.	1,11	$\frac{1}{3}$	5 4	6			SPT-	1 1.00-1.45
. 201, 0000					11.	\					DS-2	1.75
						$\backslash \backslash$					UDS-	1 2.00-2.45
			2.5	50m							DC -	
]		47		DS-3	
Dense, whitis silty sand. Ob:				еу,			7 29	18			SPT-	2 3.00-3.45
sitty salia. Ob	. 11110	u oc r	alikais.								DS-4	
			4 5	50m.				╽ ╽.	<u> 100</u>		*UDS-	
Very dense, wh	itish g	grey to				5	5	8.0	cm	Penth.	SPT-	
silty sand. Ob	s. mic	a & k	kankars.	20m.		5	4	<u> R</u>	<u>efusa</u>	<u>ı</u>	*SPT-	4 5.00-5.07
			5.2	201115				7.0	cm	Penth.	DS-6	5.60
.,			• • • •				_	.	<u> 100</u>			
Very dense, by with traces o						5	3	120		Pentn.	SPT-	
	11110	u . 00.	s. eva, sina						>100	denti.	DS-7	6.50
			7 2	20m;		<u> </u> 5	0				SPT-	6 7.00-7.10
			7.2	-01110		\				Pentn.	DS-8	7.50
Uard brow	a: a b	~	o:ltv olo			\\		.	<u> 100</u>		SPT-	7 8.00-8.10
Hard, brow Obs. calcareou			, stily cic	ا بود		5				Pentn.	DS-9	
				ŀ	////	. \ 5.	2		<u> 100</u>		SPT-	
			92	25m	<u> </u>	\ 计 5.		9.0 R	cm efusa	Penth.	*SPT-	
			0.2		-	$\Pi \Pi^{\circ}$		3.0		Penth.	R1	CR=37%
				L	$\dashv \vdash \vdash$	쒸						RQD=NIL † 10.00
					$\bot \bot \downarrow$	Ц					R2	CR=41% RQD=NIL V
												10.75
					 _	ゴ				g from	R3	CR=52% RQD=NIL
				Ī	┸┼┼	귀	9.2	.om 1	d 30.	oum	_	11.50 CR=48%
Highly to mod	erately	v weatl	nered, browni	ish [Щ					R4	RQD=28% ▼
grey to grey	sh bi										DE	12.25 CR=41%
fractured rock.				-	┙	 					R5	RQD=NIL ↓
				}	┞┼┼	ᅢ					R6	CR=44%
					ЦL	Щ						RQD=NIL † 13.75
											R7	CR=38% RQD=NIL V
				<u> </u>	┵	쒸						14.50
					+	႕					R8	CR=45%
			15.5		$ \downarrow $							15.25

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Desired a Contach Inc		l. f D 4 6	00100 0	₩	-4 0	····		A 321 - 1		Malan	/=	r=eT
Project : Geotech. In Job No : 3576	v. wor	k for Prop. 1 x 6 Created by :									Sheet No	1 =5
BORE LOG DA	ATA	<u> </u>	BOI							<u>'</u>	rd:natas E=1	183.000 ->177.000
Field Test	Nos	Samples		No	SI			ment			9/15	7,,,,,,,,,
Penetrometer (SPT)	13	Undisturbed (U	DS)	2	- 1	•		on D Diam)9/15 mm. / N.)	ζ.
Cone (Pc)		Penetrometer ((SPT)	13	.			Gro			032 m.	
		Disturbed (DS)		13	5 W	/ate	r St	ruck	At	:		
Vane (V)		Water Sample	(WS)	0	S			ater l	_evel			
DESCRI	PTION	I	SYMB		EACL		-VALI				SAMPLES Depth ((m)
		15.50m			EACE	יוט ו	VN.	= 13 	cm.	Ref. No	CR=44%	.'''/
		, 0,00,111	 ├ ┤┼┤	Щ						R9	RQD=NIL	∮ 16.00
Highly to moderately grey to greyish bro			ЩĻ	Ц						R10	CR=40% RQD=NIL	\
fractured rock.	J W 11,	Title grainea,		Щ						D4.4	CR=40%	16.75
		17.50m		Щ						R11	RQD=32%	╿ 17.50
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								R12	CR=32% RQD=NIL	\
				T							CR=37%	18.25
			╟┸┤	╣						R13	RQD=NIL	↓ 19.00
				귀						R14	CR=37% RQD=14%	1 1
			$\parallel \perp \downarrow \perp$	Щ								19.75
				Щ						R15	CR=33% RQD=NIL	30.50
										R16	CR=29% RQD=NIL	20.50
Highly weathered, bro	wnish	n grey, medium										21.25
to coarse grained, p	artily	frctured rock.		$\overline{\parallel}$						R17	CR=25% RQD=NIL	22.00
			┞┼┼	 _						R18	CR=25% RQD=NIL	22.00
			┟╁┼┼	H								22.75
			H H	뮈						R19	CR=34% RQD=20%	, ,
				긖						R20	CR=37%	23.50
			<u> </u>	Щ							RQD=NIL	24.25
										R21	CR=26% RQD=NIL	
										R22	CR=29%	25.00
		25.75m								NZZ	RQD=NIL	25.75
						<u> </u>	Refu:	sal		R23 DS=10	CR=NIL RQD=NIL	↓
Completely weather	ed v	vellowish grev		 5	54	3 0) hm	l Pen	th	*SPT-10	26.50-26.5 CR=NIL	3 26.50
to whitish grey, medi	ium t	o fine grained,		-1 ₅	52	<u> </u>	Refu	sal		R24 DS-11 *SPT-11	RQD=NIL 27.25-27.2	827.25
fully decomposed root as sludge. Obs. mica		agment collect				3.0) cm	Pen	ıtn.	R25	CR=NIL RQD=NIL	
	•]5	53		Refu			*ŠPT- 12	28.00-28.0 CR=NIL	228,00
		28.75m		\angle	50) cm Refu	l Pen sal	urn.	R26 DS-13 *SPT-13	RQD=NIL 28.75-28.7	828 75
Moderately weather	-d v		<u> </u>	[]	,	3.0) km	Pen	ıth.	R27	CR=42% RQD=13%	1
medium graind rock.	Ju, y	crowian grey,								R28	CR=40%	29,50
		30.00m	╎┤╸ ┵╴	뉙						KZO	RQD=13%	30.00
N.B. — '*' means	samı	ole could not										
be recovered.												
				1							BH-8	Sheet-2

Project : Geotech.	Inv. wor	k for Prop.	1 x 6	00 MW S	TPP	at S	ingaı	eni,	Adilab	ad, T	'elengana	CE	TEST
Job No: 3576		Created	by:	Char	ndra	ani	Cre	ated	on	: 23	3/09/2015		
BORE LOG I	DATA	SHEE	Γ	B0	RE					9			=143.000 <u>(-)</u> 217.000
Field Test	Nos	San	nples		No	SI			nent [on Do)9/15)9/15	
Penetrometer (SPT)	13	Undisturb	ed (U	DS)	2				Diame			mm. / N	.X.
Cone (Pc)		Penetrom		(SPT)	13	3 L	evel	Of	Grou	nd	: 143.0	D66 m.	
		Disturbed			10	1 ''			ruck				
Vane (V)		Water Sa	mple	(WS)	<u> </u>	St		ng W -VALL	ater L	evel T			
DESC	RIPTION	1		SYMB		FACH				m	Ref. No	SAMPLES Depth	(m)
		(0.00m		\exists						1101. 110	2 3 4 4 1	,
											DS-1	0.50)
Stiff, blackish gre				1	`;			10					
silty clay. Obs. lov	v % of	sand mix	cture.			2 4	6				SPT-1	1.00-1	.45
			1.90m	1							DS-2	1.75	5
Yellowish grey to br	ownish	grey, siltv	clay								UDS-1	2.00-2	2.45
with sand mixture								36			DS-3	2.80)
		;	3.00m		\leftarrow	9 15	21	30			SPT-2	3.00-3	3.45
											DS-4	3.75	5
											UDS-2	4.00-4	30
Hard, yellowish silty clay with deco			grey,	11/1				10			DS-5	4.70)
sirty etay with deed	тпрозс	d TOCK.		11/1		25 45	50	<u> </u>	<u> </u>		SPT-3	5.00-5	
							1 1 C		Pent	n.	DS-6	5.75	ξ.
						18 55		<u>>10</u>	<u> </u>		SPT-4	5.75 6.00-6	
			6.30m	ÌÌÌ	\prod		2.0		Pent	h.	DS-7	6.60)
					-	 38 52		<u> 10</u>	<u> </u>		SPT-5	7.00-7	
Very dense, yellow	vish a	rev to wh	itish			0052	9.0	- 1	Pent	h.			
grey, silty sand. Ob						52		<u> 10</u>	<u> </u>		DS-8 SPT-6	7.70 8.00-8	
							9.b	¢m	Pent	h.	DS-9	8.50	
			9.00m					 10	<u>o</u>				
		•	9.00111	\coprod	Щ	55	8.0	¢m	 Pent	h.	SPT-7 R1	9.00-9.08 CR=28% RQD=NIL	, 9.00
					Щ							-	9,75
											R2	CR=35% RQD=16%	. . ↓
							ı г		ng fro 0.00m	m	R3	CR=43%	10.50
Highly to moderatel	v weat	hered vell	owish	╟┼┼┼	ᅦ						N3	RQD=36%	╿ 11.25
grey to whitish gr	rey, m				뷔						R4	CR=45% RQD=NIL	
grained rock. Obs.	mica.				+							CR=47%	12.00
					Щ						R5	RQD=33%	↓ 12.75
											R6	CR=40% RQD=NIL	12.73
													13.50
			4.05		74						R7	CR=45% RQD=32%	1
Highly to moderate	elv wed		4.25m nkish		궤						R8	CR=30%	14.25
grey to yellowish o				$H \rightarrow H$	Н.							RQD=NIL	† 15,00
rock. Obs. mica.		13	5.50m		Щ								
				Dage	1	/272		1	<u> </u>			BH	-9/Sheet-

Page 19/272

Г	Project . C	aataah I		k for Prop. 1 x 6	UUMAA C	↓	4 Cin	go mon i	Adila	had	Tolongono	7 =1	rect
ŀ		576	1v. WUI	Created by :								Sheet N	o:
			ATA	SHEET					NO.		''	' E=	143.000 -)217.000
	Field Te	est	Nos	Samples		Nos	1		ement ion			9/15 9/15	
Ī	Penetrometer	(SPT)	13	Undisturbed (U	DS)	2	1	•	e Diar			mm. / N.:	x.
	Cone (Pc)			Penetrometer ((SPT)	13	1		f Gro			066 m.	
	Vane (V)			Disturbed (DS)	(MC)	10	1		Struck				
ŀ	Valle (V)			Water Sample		0		naing N-VA	Water IIIF	Leve		m. SAMPLES	
		DESCR	RIPTION	I	SYMB					5cm.	Ref. No	Depth ((m)
Ī				15.50m	7	П					R9	CR=32% RQD=13%	1.47.
				thered, pinkish nedium grained							R10	CR=47% RQD=44%	1 1
	rock. Obs. m			17.25m		_					R11	CR=32% RQD=13%	iil
	Highly weg	thered	brow	nish grey to		_ <u> </u>					R12	CR=36% RQD=NIL	18.00
	greyish brod Obs. rusty sp	wn, me	dium	grained rock.							R13	CR=30% RQD=NIL	↓ 18.75
-				——— 19.50m		Ш					R14	CR=32% RQD=NIL	19.50
•	to whitish gr	rey, med	lium t	vellowish grey o fine grained, gment collected		55 52	, {	3.0 cı <u>Ref</u>	00 m Perusal m Per		R16 DS-10 *SPT-9	CR=NIL RQD=NIL 20.25-20.3 CR=NIL RQD=NIL 21.00-21.0 CR=NIL	
	to whitish	grey, r	nediu	21.75m vellowish grey		54	- (<u>Ref</u> 2.0 c	usal m Pei usal		R18	RQD=NIL 21.75-21.8 CR=NIL RQD=NIL	↓
-	fully decomp			22.50m www.sh grey to		卢 52		6.0 cı	n Pe	nth.	R19	22.50-22.5 CR=32% RQD=NIL	23.25
				coarse grained							R20 R21	CR=31% RQD=17% CR=27%	24.00
_				24.75m vellowish grey		H		Raf	usal		R22	RQD=20%	24.75
-	fully decomp			im to coarse 25.50m		54	1 1		n Pe	nth.	*SPT-12 R23	RQD=NIL 25.50-25.5 CR=44% RQD=25%	1
	Highly to mo	oderately	weath	nered, yellowish		_ <u> </u> 					R24	CR=35% RQD=19%	
		ish grey		lium to coarse							R25	CR=32% RQD=16%	27.00
				28.50m		Ш					R26	CR=40% RQD=32%	ii
	to whitish gr	rey, med	lium t	vellowish grey o fine grained, is sludge. Obs. 30.00m		52			usal m Pe	nth.	R27 *SPT-13 R28	CR=NIL RQD=NIL 29.25-29.2 CR=NIL RQD=NIL	↓
	N.B. — '*' be recovered		samp	ole could not									
-						<u>↑</u>						BH-9	9/Sheet-2

Project : Geot		nv. wor	k for Prop. 1	x 6	00 MW S	TPP	at S	inga	reni	, Adila	abad,	Telengana	CETES'
Job No : 357	3		Created by	<u>y</u> :			ni	Cre	ate	d on	: 8	25/09/2015	•
BORE LO	G D	ATA	SHEET		BO	RE	H	OL.	\mathbf{E}	NO.	10	0 Co-o	rdinates E=143.00 N=(-)177.00
Field Test		Nos	Sampl	es		Nos				ement			9/15
Penetrometer (SPT)	11	Undisturbed	(U	DS)	2				ion e Diai			9/15 mm. / N.X.
	51 17	'	Penetromete	er (SPT)	11				f Gra			14 m.
Cone (Pc)			Disturbed ([DS)		12				truc			
Vane (V)			Water Samp	le	(WS)	0	St			Water	Level		
[ESCF	RIPTION	1		SYMB	ᅅ	A C L		-VAI		5 a ma	Ref. No	SAMPLES Depth (m)
			0.0	00m		<u>_</u>	ACF		<u>VIN.</u>	- 	Jem.	iter. No	Верит (пт)
	•											DS-1	0.50
Very stiff, bro grey, silty c	lay.	Obs.	y to blacki . calcareoi	sn us					2	<u>6</u>		'	
nodules & sand						<u>\</u> \\ 6	12	14				SPT-1	1.00-1.45
			1.7	'5m		\overline{A}						DS-2	1.75
												UDS-1	2.00-2.45
Very stiff, bro									2	9		DS-3	2.70
grey, silty c nodules.	lay.	Obs.	calcareo	us		`\\ 6	11	18		 		SPT-2	3.00-3.45
												DS-4	3.75
			4.3	50m	1,7							UDS-2	4.00-4.30
												DS-5	4.70
Hard, brownish	are	zellowish are	ev.	11/	1.	4 33	47	8	<mark>의</mark>		SPT-3	5.00-5.45	
silty clay with				- , ,					 	00		DS-6	5.75
						5:	2			T		SPT-4	6.00-6.08
			6.5	0m				0.0		n Pe <u>00</u>	nun.	DS-7	6.50
						54	4			T		SPT-5	7.00-7.12
								12	- 1	m Pe <u>00</u>	entn.	DS-8	7.60
						50						SPT-6	8.00-8.10
								1 1	- 1	m Pe <u>usal</u>	entn.	DS-9	8.65
	-11	• -	1	_ 1_		5:	2					*SPT-7	9.00-9.07
Very dense, yo grey, silty sand				sn				1 1	- 1	n Pe	nth.	DS-10	9.60
-		-				5				<u>usal</u>		*SPT-8	10.00-10.03
										n Pe	nth.	DS-11	10.50
						50			<u>Kefi</u>	<u>usal</u>		*SPT-9	11.00-11.02
										n Pe <u>usal</u>	nth.	DS-12	11.50
						5		3.0) cr	n Pe	ntn.	*SPT-10	12.00-12.03
			12.2	25m		<u> </u>	2	2.0		<u>usal</u> n Pe	nth		12.25-12.27 12.2 CR= 37%
									וט כ	"	1141.	R1	RQD=19% V
					╟╟┈							R2	CR=35% RQD=19%
Highly to mode grey to yello					╟ ╌ ┖╌ ╏╏			I I		11 15 30.00			13.7
coarse grained					┟┶┼┼		-					R3	CR=34% RQD=NIL
					\coprod	\coprod						R4	14.5 CR=32%
			45.5	. 0		Щ						'''	RQD=NIL 15,2
			15.5	υm	1 7	<u></u>							BH-10/Shee

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	OOMW S	TPP a	t Sing	areni	. Adila	bad.	Telengana	CE	rest
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	B01	RE	HOL					N=(143.000 -)177.000
	Field Test	Nos	Samples		Nos	1		ement .ion)9/15)9/15	
	Penetrometer (SPT)	11	Undisturbed (U	-	2	1	•	e Diar			mm. / N.:	x.
	Cone (Pc)		Penetrometer (11	1		f Gro			44 m.	
	Vane (V)		Disturbed (DS) Water Sample		12	1		itruc! Water			m	
	DECO		·		Ť		–VAL		LOVO		SAMPLES	
	DESCI	RIPTION		SYMB	E,	ACH D	IVN.	= 1	5cm.	Ref. No	Depth	(m)
			15.50m							R5	CR=30% RQD=NIL	∳
	Highly to moderately				Ш					R6	CR=44%	16.00
	grey to yellowish coarse grained rock	grey Ohs	, medium to							NO	RQD=13%	∛ 16.75
	gravited rock	. 000.			_					R7	CR=43% RQD=17%	
			———— 17.50m	╵╢┸┼┼	Tİ					R8	CR=41%	17.50
	Moderately weat to yellowish grey, n			╟╫┼							RQD=NIL	18.25
	to yettowish grey, h	neatun	J		廾-					R9	CR=43% RQD=NIL	
			19.00m	` 	坩					R10	CR=27%	19.00
				H + H	-#						RQD=NIL	19.75
				$\parallel \downarrow \downarrow$	Щ					R11	CR=25% RQD=NIL	↓
	Highly weathered, whitish grey, mediu			Щ	Щ					R12	CR=24%	20.50
→	rock.	111 (0	course gramea								RQD=NIL	21,25
										R13	CR=32% RQD=NIL	+
					ΠĪ					R14	CR=37%	22.00
			22.75m	,							RQD=NIL	22.75
					Ή					R15	CR=43% RQD=NIL	↓
				HH						R16	CR=35%	23.50
				H+H	╣						RQD=NIL	24.25
				HH	ᆛ					R17	CR=28% RQD=NIL	1
	I Palato da mandamakati	11			Щ					R18	CR=37%	25.00
	Highly to moderately grey to whitish gr				Ш						RQD=32%	25.75
	grained rock.									R19	CR=43% RQD=33%	J
										R20	CR=28%	26.50
										1,25	RQD=17%	27.25
										R21	CR=39% RQD=16%	
					-					R22	CR=31%	28.00
			28.75m	╟┼┼┼	╣					1144	RQD=NIL	28.75
	Moderately weat to yellowish grey				ᆛ					R23	CR=40% RQD=NIL	↓
	rock.	, 1110	•		Щ					R24	CR=42% RQD=NIL	29.50
			30.00m	\ 							1145 1115	30!00
	N.B. — '*' means be recovered.	sam	ple could not									
				1	1						BH-10	D/Sheet-2

Project : Geotech. I	nv. woi										CETEST
Job No : 3576		Created by:									F 07 000
BORE LOG D	ATA	SHEET	B01	$\frac{RE}{RE}$				NO.			N=(-)217.000
Field Test	Nos	Samples		No) S			cement)9/15 NO /15
Penetrometer (SPT)	20	Undisturbed (U	IDS)	2			•	ition le Dia)9/15 mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	20	~ I			of Gra			867 m.
		Disturbed (DS)		23	- 1 ''			Struc			
Vane (V)		Water Sample	(WS)	<u> </u>	S ⁻			Water	Level		
DESCF	RIPTION	N	SYMB	OL	FACE			LUE 1	5cm	Ref. No	SAMPLES Depth (m)
		0.00m		\Rightarrow				· -		1101. 110	Boptii (III)
										DS-1	0.50
Medium, blackish g	rey, s	silty clay. Obs.		\\]				<u>6</u>			
kankars.					2 2	4				SPT-1	1.00-1.45
		1.50m		$\overline{}$							
										UDS-1	2.00-2.45
Stiff, blackish grekankars.	ey, si	lty clay. Obs.						13		DS-2	2.75
				: `:\	4 4	9				SPT-2	3.00-3.45
		3.60m	1//	$\overline{}$						DS-3	3.75
Hard, yellowish bro	own, :	silty clay with	11/1							UDS-2	4.00-4.35
sand mixture.							$ \downarrow $	<u>100</u>		DS-4	4.75
		5.50m			50	10		m Pe	nth	SPT-3	5.00-5.10
		0.50111	1				1 1	100		DS-5	5.75
					51	1 1		m Pa	nth	SPT-4	6.00-6.11
						' '		m Pe <u>100</u>	11411.	DS-6	6.75
					32 50					SPT-5	7.00-7.25
						10	1 1	m Pe <u>100</u>	ntn.	DS-7	7.75
Very dense, whitis grey, silty medium					34 50					SPT-6	8.00-8.26
sand. Obs. mica.		J				11		m Pe 100	ntn.	DS-8	8.75
					50	12	IT	om Pe	nth	SPT-7	9.00-9.12
						_		100	11411.	DC 0	0.80
					51	۵		m Pe	nth	DS-9 SPT-8	9.80 10.00-10.08
								100	11011.	DS-10	10.60
		11.00m		Щ ;	50	۵	ΙТ	m Pe	nth		11.00-11.09 11.0 0 CR=NIL
					E 6	"	 	<u> 100</u> '	11411.	R1 DS-11	RQD=NIL 🕴
				-1	56	7	.lo.	m Pe	ntn.		11.75-11.8211.75 CR=NIL
					61	1 ^	ΙТ	100	الت	R2 DS-12 SPT-11	RQD=NIL
Completely weath			<u> </u>			'0	K ^U	m Pe 100	en un .	DS-13	CR=NIL RQD=NIL
brown, fully decomp collected as sludge.		rock tragment		\neq	52	7	.o.	m Pe	ntn.	SPT-12 R4	13.25-13.321 3.2 5
3					58		ΙТ	100		R4 DS-14 SPT-13	RQD=NIL † 14.00-14.091 4.0 0
						9	\ <u> </u>	m Pe 100	nth.	R5 DS-15	CR=NIL RQD=NIL V
				!	54	9	.0	m Pe	ntn.	SPT-14 R6	14.75-14.84 14.7 5 CR=NIL
		15.50m								KO	RQD=NIL † 15.50
			1	1		-					BH-11/Sheet

ſ	Project : Geot	ech Inv	Wor	k for Prop 1 v f	OOMW S	TPP	at S	inga	reni	Adilahad	Telengana	/=	T=GT
	Job No : 357		. WOI.	Created by :								Sheet N	io:
	BORE LO	G DA	TA	SHEET	B0	RE	Н	OL.	E 1	VO. 1	1 Co-c	ordinates <mark>N=</mark>	97.000 (–)217.000
	Field Test	1	Nos	Samples		Nos	3			ment Dat on Date	e: 03/	09/15 09/15	
İ	Penetrometer (SPT)	20	Undisturbed (l	-	2	- 1			Diamete		mm. / N.	x.
	Cone (Pc)			Penetrometer		20	-			Ground		867 m.	
	Vane (V)			Disturbed (DS) Water Sample		23 0	- 1 '			:ruck A [.] /ater Leve		m	
				·		Ť			-VALI			SAMPLES	
		DESCRIF	PTION		SYMB		EACI			= 15cm	+	Depth	(m)
	Completely w brown, fully de collected as sl	compo					7			Pentn.	R7 DS-17 *SPT-16	615.50-15.5 CR=NIL RQD=NIL 16.25-16.3 CR=08%	33 16.25
	Completley wed	athered	, gre	ey to brownish		5	51	9.0		Penth. Penth.	SPT-17 R9	RQD=NIL 17.00-17.0 CR=NIL RQD=NIL)9 17.00
	grey, fully deco			ck.					>10	<u>) </u>	DS-18 R10 DS-19	CR=NIL RQD=NIL	
•				———— 18.58m			51	8.0) cm	Pentn.	SPT-18 R11 DS-20	18.50-18.5 CR=NIL RQD=NIL	19.25
	Completely we medium graine fragment collec	d, fully	dec	omposed rock,		5	2	13.0	<u>>10</u> 0 cm)0 n Pentn.	R12 DS-21 SPT-19 R13	CR=NIL RQD=NIL 20.00-20. CR=NIL RQD=NIL	_{1 3} 20:00
•				22.25m		<u></u>	.3	9.0	<u>>10</u> cm)0 Pentn.	R14 DS-22 SPT-20 R15	CR=NIL RQD=NIL 21.50-21.5 CR=15% RQD=NIL	59 21.50
				22.2011							R16	CR=28% RQD=NIL	23.00
						 		.00r		ling from 30.00m	R17	CR=25% RQD=NIL CR=30%	23.75
	Highly weath	arad	brow	unioh grov to							R18 R19	RQD=12	% † 24.50
	Highly weathe greyish brown										R20	RQD=111 CR=28% RQD=NIL	25.25
											R21	CR=37% RQD=NIL	26.00
				27.50:							R22	CR=35% RQD=NIL	26.75 1 27.50
	Highly weatherd grained, fractur			———— 27.50m h grey, coarse ———— 28.25m							R23	CR=36% RQD=NIL	1
	Moderately we	atherec	1 da								R24	CR=44% RQD=NIL	1
	Moderatery wer	4 CT 161 6 C	,, uc	30.00m							R25	CR=53% RQD=NIL	
	N.B. — '*' m be recovered.	eans s	samp										33.00
l					1	 					1	BH-1	1/Sheet-2

Project : Geotech. I	nv. woi										CET	EST
Job No : 3576		Created by:								,,		
BORE LOG D	ATA	SHEET	B0	RE	H	0L	<u>E</u>	<u>NO</u>	. 12	2 Co-o	ordinates E=9 N=(-)	177.000
Field Test	Nos	Samples		No	SI				t Date		09/15	
Penetrometer (SPT)	15	Undisturbed (L	JDS)	2	- 1				Date ımeter		09/15 mm. / N.X.	
	'	Penetrometer		15	_ "				ound		mm. / N.A. 093 m.	
Cone (Pc)		Disturbed (DS)		27					k At			
Vane (V)		Water Sample	(WS)	0	St	tanc	ding V	Vater	Level	: 2.1	m.	
DESCF		.1	SYME	201		N	-VAL	.UE			SAMPLES	
DESCI	\II 1101				EACH	l D	IVN.	= 1	5cm.	Ref. No	Depth (r	n)
		0.00m		7								
										DS-1	0.50	
					6 7	7	14	4		CDT 1	1 00 1 4	_
Stiff, deep grey to clay. Obs. kankars					6 7	′				SPT-1	1.00-1.4	·5
mixture, calcareous										DS-2	1.70	
			111							UDS-1	2.00-2.4	5
		7.00						1		DS-3	2.75	
Stiff, brownish gr	ey, s				4 5	5		<u> </u>		SPT-2	3.00-3.4	5
sand mixture. Obs	s. ka	nkar & ´ 3.80m								DS-4	3.75	
catcareous nodutes.		9.0011		\\						UDS-2	4.00-4.4	.5
Hard, yellowish gr	rey, s	ilty clay with								DS-5	4.75	
sand mixture.					42 53		<u> </u>	<u>00</u>		SPT-3	5.00-5.2	8
		5.50m				13.	0 kn	n P	entn.			
					39 51		<u> </u>	<u> </u>		DS-6	5.70	_ `
Many danas analisah	h						0 cn	n P	entn.	SPT-4	6.00-6.2	.5
Very dense, greyish grained sand. Obs.							<u> </u>	<u>oo</u>		DS-7	6.75	
					41 52	111.			entn.	SPT-5	7.00-7.2	6
						.	310 210	1 1	511 G 11.	DS-8	7.80	
			 	,	52	1 1			ntn	SPT-6	8.00-8.14 CR=23%	8.00
						14.			enth.	R1	RQD=NIL	∜ 8.75
Highly weathered,										R2	CR=21% RQD=NIL	
greyish brown, hig	grity i	racturea rock.	\vdash									9.50
					NX ro	1	rı			R3	CR=23% RQD=NIL	
		10.25m	<u> </u>	=	8.0	0m	to 3	50.00	m	D.4	CR=NIL	10.25
										R4 DS-9	RQD=NIL	11.00
Completely weathe	red (arevish brown					 <u> </u>			R5	CR=NIL RQD=NIL	
medium grained, deco	mpose			;	52					DS-10 SPT-7	11.75-11.86	11,75
collected as sludge.				4		11.	0 kn	n P	enth.	R6	CR=NIL RQD=NIL	
										DS-11	CR=NIL	12.50
		13.25m			51		<u> </u>	<u> </u>		R7 DS-12 SPT-8	RQD=NIL 13.25-13.35	13.25
		, 0.2011		 		10.	0 kn	n P	entn.	3F1-6	CR=20% RQD=NIL	
Completely weathe	ered,	greyish brown										14,00
to brownish grey,	, med	dium grained,								R9	CR=NIL RQD=NIL	
rock fragment collec	cied a	s siuage.		_						DS-13	CR=NIL	14.75
		15.50m								R10 DS-14	RQD=NIL	15.50
		. 3.3311	1	1		<u> </u>				''	BH-12/	Sheet-1

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Job No : \$676	ſ	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	TPP a	t Sing	areni.	Adila	bad.	Telengana		TEST
Field Test Nos Samples Nos Commencement Date 11/09/15 Completion Date 15/09/15 Comple		<u> </u>										5 Sheet	
Penetrometer (SPT) 15		BORE LOG D	ATA	SHEET	BO	RE	HOI	E I	NO.	12	2 Co-	ordinates N	=97.000 =(-)177.000
Penetrometer (SPT) 15		Field Test	Nos	Samples		Nos	1						
Disturbed (DS) Water Sample (WS) 27 Water Struck At : Standing Water Level : 2.1 m. N—VALUE SAMPLES	Ī	Penetrometer (SPT)	15	Undisturbed (L	IDS)	2	1	•					۷.X.
Vane (V) Variety Struck At : Variety		Cone (Pc)			(SPT)		1					3.093 m.	
DESCRIPTION					(110)		1						
SYMBO SAME	-	vulle (v)		Water Sample	(WS)					Level	: 2.1		
15.50m		DESC	RIPTION	1	SYMB					icm.	Ref. No		(m)
38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38 52 38		to brownish grey	, med	greyish brown lium grained,		55	13	.0 cn >10 .0 cn >10 .0 cn	DO Per DO Per	ntn.	R11 DS-15 R12 DS-16 SPT-10 R13 DS-17 DS-18 SPT-1 R15 DS-19 R16 DS-20	CR=NIL RQD=NI CR=NIL RQD=NI 17.00-17 CR=NIL RQD=NI CR=NIL RQD=NI 18.50-18 CR=NIL RQD=NI CR=NIL RQD=NI CR=NIL RQD=NI	L 16.25 L 7.1417.00 L 17.75 L 8.50 L 19.25 L
Completely weathered, brownish grey, fractured rock. 24.50 R23 RQD=NIL 24.50 RQD=NIL 25.25 R24 RQD=NIL 25.25 R24 RQD=NIL 25.25 R24 RQD=NIL 26.00 R25 RQD=NIL R	•		deep				10 352	>10	<u>00</u>		R17 DS-21 R18 DS-22 SPT-13 R19 DS-23	CR=NIL RQD=NI CR=NIL RQD=NI 3 21.50-21 CR=NIL RQD=NI CR=25% RQD=NI	20.75 L 20.75 L 22.25 6 L 23.00 6 L 23.75
Completely weathered, brownish grey, medium grained, rock fragment collected as sludge.	_	Completely weathe	ered. b									RQD=NI CR=20%	L
26.00m Completely weathered, brownish grey, medium grained, rock fragment collected as sludge. Highly weathered, grey, coarse grained, highly fractured rock. 26.00m R25 DS-24 R26 DS-25 SPT-14 R27 DS-26 R28 DS-27 SPT-15 R29 R29 R25 CR=NIL RQD=NIL RQD=			· ,	g, cy,							D24		6
Highly weathered, grey, coarse grained, highly fractured rock. 30.00m R29 CR=26% RQD=NIL 30.00		medium grained, ro		orownish grey, gment collected			11	.0 cm	n Per	ntn.	R25 DS-24 R26 DS-25 SPT-14 R27 DS-26	RQD=NI CR=NIL RQD=NI CR=NIL RQD=NI 27.50-27 CR=NIL RQD=NI CR=NIL RQD=NI	L 26.00 L 26.75 L 7.6127.50 L 28.25 L
				-		1	13	.0 cm	n Per	ith.	R29	RQD=NI	-

Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at S	inga	reni.	Adilab	ad.	Telengana	CETEST
Job No : 3576		Created by:								3/10/2015	
BORE LOG D)ATA	SHEET	BO	RE					13		rdinates E=57.000 N=(-)262.000
Field Test	Nos	Samples		No	SI			ment on D			0/15 0/15
Penetrometer (SPT)	6	Undisturbed (U	DS)	2			•	Diam			mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	6	-	eve	l Of	Grou	und	: 143.0	053 m.
Vane (V)		Disturbed (DS)	(110)	8	''			truck			
varie (v)		Water Sample	(WS)	0	S		ing V -VAL	/ater L	_evel		m. SAMPLES
DESCI	RIPTION	1	SYMB	OL	FACE			= 15	cm.		Depth (m)
		0.00m		\dashv				ΤÏ			<u> </u>
Very stiff, deep Obs. sand mixture &	grey & calc	r, silty clay. areous nodules. ————— 1.60m			6 9	13	22	2		DS-1 SPT-1 DS-2	0.50 1.00-1.45 1.60
Medium dense, gro	eyish				8 12	1.5	27	7		*UDS-1 DS-3 SPT-2	2.00-2.45 2.60 3.00-3.45
silty sand.					0 12	.13				DS-4 *UDS-2	3.60 4.00-4.45
		4.70m					57	7		DS-5	4.70
					13 25	32	<u> </u>			SPT-3	5.00-5.45
Very dense, greyish	n yello	ow, silty sand. ————8.00m		,	38 50 55	7.	<u> </u>	Pen DO Pen		DS-6 SPT-4 DS-7 SPT-5	5.80 6.00-6.22 6.50 7.00-7.12 7.70 8.00-8.08 8.00
Moderately weathe fine to medium gra		reyish yellow,			52	8.	O cm	Pen	tn.	SPT-6 R1	CR=52% RQD=NIL 8.75
rock.		9.50m				ı r		ling fr 0.00m		R2	CR=56% RQD=32% 9.50
Highly to moderate	lv wea	thered. arevish			0.,					R3	CR=28% RQD=NIL 10.25
yellow, fine to med fractured rock.										R4	CR=28% RQD=NIL 11.00
		11.75m								R5	CR=44% RQD=NIL ↓ 11.75
Moderately weather	red d	een grev fine								R6	CR=56% RQD=NIL 12.50
grained, highly frac										R7	CR=56% RQD=NIL 13.25
		14.00m								R8	CR=60% RQD=NIL 14.00
Highly to moderate grey, fine grained				Щ						R9	CR=44% RQD=NIL 14.75
rock.		15.50m								R10	CR=28% RQD=NIL 15.50
	-			1							BH-13/Sheet-

	Project : Geotech. I	nv. woi	rk for Prop. 1 x 6	OOMW S	TPP	at Sii	ngaren	i, Adi	labad,	Telengana	CET	EST
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	BO	RE	HO	LE	NO	. 13	3 Co-o	rdinates E=5 N=(-)	7.000 262.000
	Field Test	Nos	Samples		Nos	;			nt Date Date		0/15 0/15	
	Penetrometer (SPT)	6	Undisturbed (U	-	2	1	•		meter		mm. / N.X	
	Cone (Pc)		Penetrometer (SPT)	6	- 1			ound		053 m.	
	Vane (V)		Disturbed (DS) Water Sample	(WS)	8	- 1			ck At r Level		m	
	DECO		•		Ť	1 310	N-VA		LOVO	,	SAMPLES	
	DESCI	RIPTION		SYMB	E	ACH	DIVN.	. =	15cm.	Ref. No	Depth (r	m)
	Highly to moderate grey, fine grained rock.									16,25		
	Slightly weathere grained, highly fract									R12		17 _. 00
	Moderately weathe fine grained, high									R13 R14	CR=44%	17.75
			——— 18.50m		<u> </u>					R15	RQD=NIL CR=36% RQD=NIL	18.50
										R16	CR=32% RQD=NIL	19.25
										R17	CR=33% RQD=NIL	20.00
•										R18	CR=37% RQD=NIL	21.50
										R19	CR=48% RQD=NIL	22,25
										R20		23.00
	Highly to moderately	v weat	hered. vellowish							R21	CR=44% RQD=NIL CR=56%	23 _. 75
	grey to deep grey, fractured rock.									R22	RQD=NIL	↓ 24,50
	Traditation Foots				\prod					R23		25 <u>.</u> 25
										R24		26,00
										R25		26 _. 75
									R26		27 _. 50	
								R27 R28	CR=48%	28.25		
								R29	RQD=NIL CR=40%	29.00		
		30.00m	╟┸┸	#					R30	CR=48%	29¦75 30!00	
	N.B. — '*' means be recovered.	sam	ple could not									
					 						BH-13/	∕Sheet-2

Project : Geotech. 1												
		<u> </u>										
BORE LOG I	ATA	SHEET	B0	RE		OLI				rdinates E=57.000 N=(-)217.000		
Field Test	Nos	Samples		No	DS I			nent Dat		09/15		
Penetrometer (SPT)	8	Undisturbed (L	JDS)	1	i	•		on Date Diamete		09/15 mm. / N.X.		
Cone (Pc)		Penetrometer	(SPT)	8	.			Ground		551 m.		
		Disturbed (DS)		9) W	ate	Str	uck A	t :			
Vane (V)		Water Sample	(WS)	1	S			iter Leve				
DESCI	RIPTION	1	SYME	BOL-	F 4 01		·VALU			SAMPLES		
		0.00m			EACE	יוט וּ 	/N. =	= 15cm	Ref. No	Depth (m)		
		0.0011							DS-1	0.50		
							13		D5-1	0.50		
Stiff brownish as	501/ 0	ilty olay with		\\	5 6	7			SPT-1	1.00-1.45		
Stiff, brownish gr kankars & sand n									DS-2	1.75		
									UDS-1	2.00-2.45		
				(,)					DS-3	2.70		
		3.00m			12 19	28	47		SPT-2	3.00-3.45		
Danas hassarish	11				12 19	20			WS-1	3.40		
Dense, brownish ye steel grey patches.		silly sana with			. 7 . 0		<u>48</u>		DS-4	3.75		
					13 18	30			SPT-3	4.00-4.45		
		4.80m	\ 				<u> 10</u>	2	DS-5	4.80		
Very dense, brownis with steel grey pat		low, silty sand			41 54	14.0	cm	Pentn.	SPT-4	5.00-5.29		
with steel grey pat	.01103.	6.00m					<u>>10</u>		DS-6	5.75		
		0.0011			53 50		Cm	Pentn.	SPT-5	6.00-6.25		
							>10		DS-7	6.75		
 Very dense, yello	owish	brown silty			51 50	6.0		Penth.	SPT-6	7.00-7.21		
sand	J VV (J 1 1	brown, strey				0.0	>100		DS-8	7.75		
					61 52				SPT-7	8.00-8.17		
						2.0	cm >100	Penth.	DC 0	0.00		
		9.00m			52		11	<u> </u>	DS-9 SPT-8	8.80 9.00-9.15 9.00 CR=36%		
						15.C	cm	Pentn.	R1	RQD=NIL		
				Ţ					R2	9.75 CR=32% RQD=NIL		
 Highly to moderatel	v weat	hered brownish		T		1 1		ng from		RQD=NIL V 10.50		
yellow, medium to				ᅫ	9.0	00m	to 30	.00m	R3	CR=32% RQD=NIL V		
fractured rock.			┟└┼┞	╬						11.25 CR=42%		
				Щ					R4	RQD=NIL		
			$\ \ \ $						R5	CR=36%		
		12.75m		幵						ŘQD=ŇĬĹ		
Slightly weathers	+	oob vollawish		丗					R6	CR=62% RQD=29% ▼		
Slightly weathered grey, fine grained,				\dashv					D7	13.50 CR=72%		
rock.				口					R7	RQD=48%		
				\dashv					R8	CR=88% RQD=18% V		
Moderately to slight light yellow, fine g				eq						15.00 CR=60%		
to moderately fracti									R9	RQD=55%		
				1	-			-		BH-14/Sheet-1		

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Tel Job No: 3576 Created by: Chandrani Created on: 08/												ana	CETEST	1
													Sheet No:	
	BORE LOG	DATA	SHEET	BO	RE	HC	LE	N	0.	14	L Co	o-or	dinates E=57.000 N=(-)217.000	
	Field Test	Nos	Samples		No:	SI	mmer					15/09		
•	Penetrometer (SF	PT) 8	Undisturbed (U	DS)	1		mpl re H					26/09 150 r	mm. / N.X.	
	Cone (Pc)		Penetrometer (SPT)	8		vel					142.5	51 m.	
	Vane (V)		Disturbed (DS)	(110)	9		ater							
	varie (v)		Water Sample	(WS)	1	Sto	anding N–V			.evel	: 3	3.4 m	n. AMPLES	_
	DE	SCRIPTION	N	SYMB		EACH				cm.	Ref.		Depth (m)	
ľ			15.50m		\exists								15.75	
											R1	10	CR=43% RQD=24%	
					Щ								16.50	
				\vdash							R1	11	CR=48% RQD=NIL	
	Moderately to	sliahtI	v weathered		耳						R1	12	17.25 CR=57%	
	light yellow,	fine gro	ined, highly		耳						•••	_	RQD=14% ↓ 18.00	
	to moderately fro	ucturea re	JCK.								R1	13	CR=65% RQD=NIL	
											R1	14	18.75 CR=76% RQD=52% V	
											•••		19.50	
			00.05								R1	15	CR=51% RQD=NIL	
Ì			20.25m								R1	16	20.25 CR=41% RQD=NIL V	
→											•••		21.00	•
·				╟┈╟	77						R1	17	CR=40% RQD=NIL	
				┞┯┖┸┈							R1	18	21.75 CR=42%	
				┟╁┼┼	Н								RQD=NIL \$ 22.50	
				╟╫	Н						R1	19	CR=44% RQD=32%	
				$\prod_{i=1}^{n}$	긖						R2	20	23.25 CR=58% RQD=NIL V	
	Moderately wed			$\Vdash \downarrow \vdash$	Щ								24.00	
	fine grianed, h	nighly fr	actured rock.		Ш						R2	21	CR=52% RQD=NIL	
											R2	22	24.75 CR=48% RQD=NIL V	
													25.50	
					$\exists \exists$						R2	23	CR=43% RQD=NIL ▼	
				┞┯╙┈							R2	24	26.25 CR=46% RQD=NIL V	
				╎ ┸	Н								27.00	
				┟┼┸┼┼	+						R2	25	CR=41% RQD=NIL	
					귀						R2	26	27.75 CR=41%	
}			28.50m	╟┼┼	┦								ŘQD=ŇĬL ↓ 28.50	
	Moderately wea				Щ						R2	27	CR=51% RQD=20%	
	fine grained, rock.	rnoaerat	ely tractured.	Щ.							R2	28	29.25 CR=52%	
			30.00m	Щ	\perp								ŘQD=NIL ↓ 30.00	
				Page	7	/ 272							BH-14/Sheet-2	<u> </u>

Project : Geotech.	Inv. wor	k for Prop. 1 x	600MW S	↓ STPP	at S	Singa	reni, A	dilabad.	Telengana	CETEST
Job No : 3576		Created by							30/09/2015	
BORE LOG I	OATA	SHEET	BO	RE	H	0L	E N	0. 1	5 co-o	rdinates E=57.000 N=(-)177.000
Field Test	Nos	Samples		No	SI			ent Date		09/15
Penetrometer (SPT)	10	Undisturbed (UDS)	2	- 1		•	n Date Diamete		09/15 mm. / N.X.
		Penetrometer	(SPT)	10	.			Ground		49 m.
Cone (Pc)		Disturbed (DS)	10	- 1			uck At		
Vane (V)		Water Sample	(WS)	<u> </u>	S			ter Leve	1	
DESC	RIPTION	1	SYME	BOL-	<u> </u>		–VALU			SAMPLES Depth (m)
		0.00r			EACI	ע ד 	IVN. =	i Iocm	. Ref. No	Depth (III)
		0.001							DS-1	0.50
1.66		• • • • • • • • • • • • • • • • • • • •					23			0.50
Very stiff, deep with calcareous	o grey nodule	y, siity ciay es. Obs. sand			4 8	15			SPT-1	1.00-1.45
mixture.									DS-2	1.70
									UDS-1	2.00-2.45
		2.60r							DS-3	2.60
					7 18	19	37		SPT-2	3.00-3.45
Dense, yellowish gr	ey, clo	yey silty sand.							DS-4	3.60
		4.00r							*UDS-2	4.00-4.45
		1.001							DS-5	4.70
					9 2	1 38	<u>59</u>		SPT-3	5.00-5.45
									DS-6	5.70
					18 52	2	<u>>100</u>	2	SPT-4	6.00-6.20
Very dense, yello	owish	grey, clayey						Pentn.	DS-7	6.50
silty sand.					52		<u>>100</u>	2	*SPT-5	7.00-7.12
						12		Pentn.	DS-8	7.60
				ı	56		<u> 100</u>	2	D3-6 SPT-6	8.00-8.10
		8.60				10.	0 cm	Pentn.		
		8.60r			54		 10 0	2	DS-9 *SPT-7	8.60 9.00-9.05
Very dense, yel sand.	lowish	n grey, silty				5.	0 km	Pentn.	DS-10	9.50
ound.		10.00r			_		<u>>10</u> 0	2		
		10.001	'' 	Щ,	52	7.	0 cm	Pentn.	*SPT-8	10.00-10.0710.00 CR=36%
Highly weathered medium grained roo		owish brown,	H	Щ						RQD=16% 10.75
modvam gravnou roc	J. (.			Ш			y drillin n to 3	ng from 0.00m	R2	CR=32% RQD=NIL
		——— 11.50n		\dagger					R3	11.50 CR=16%
				$\top \square_{\mathfrak{s}}$	52		Refus			RQD=NIL 12.25-12.2712.25
Completely weather medium grained roo		ellowish brown,		 		2.	0 cm <u>Refus</u>	Penth.	R4	CR=12% RQD=NIL
granica io	•			╀╢ [╒]	56	4.		Pentn.		13.00-13.0413.00 CR=20%
		13.75r		Щ		+.		r enun.	R5	RQD=NIL 13.75
		10.701							R6	CR=40% RQD=NIL
Highly to moderately		hered, yellowish		Щ						14.50
grey, fine grained r	ock.			ĪĪ					R7	CR=36% RQD=NIL
		15.50r								15.25
				1				•		BH-15/Sheet-1

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	Project : G	Geotech. I	nv. wor	k for Prop. 1 x 6	OOMW S	↓ TPP a	t Singa	reni.	Adilabad	Telengana	C=	r=5T
ŀ	•	3576	277 1102	Created by:							Sheet N	0:
	BORE I	LOG D	ATA	SHEET	BO	RE					N=(57.000 -)177.000
	Field Te	est	Nos	Samples		Nos			ement Dat ion Date)9/15)9/15	
	Penetromete	r (SPT)	10	Undisturbed (U	DS)	2		•	Diamete		mm. / N.	x.
	Cone (Pc)			Penetrometer ((SPT)	10	Leve	ιOf	Ground	d : 144.	49 m.	
				Disturbed (DS)		10			truck A			
-	Vane (V)			Water Sample	(WS)	0			<u>Vater Lev</u>	_		
		DESCF	RIPTION	l	SYMB			-VAL		Ref. No	SAMPLES Depth	(m)
ŀ				15.50m				VIN.	<u> </u>		CR=32%	1
				nered, yellowish						R8	RQD=NIL CR=48%	16.00
	grey, fine g	rainea ro	ock.	16 75						R9	RQD=NIL	16.75
				———— 16.75m						R10	CR=32% RQD=NIL	16.75
						Щ				R11	CR=28% RQD=NIL	17.50
	Highly to m	oderately	weath	nered, yellowish		4				R12	CR=27% RQD=NIL	18.25
	grey, mediı	um graii	ned, f	racturéd rock.						R13	CR=48% RQD=NIL	19.75
						Щ				R14	CR=36% RQD=12%	20.50
•										R15	CR=44% RQD=24%	21.25
				21.20111						R16	CR=40% RQD=28%	22.00
						Щ				R17	CR=60% RQD=NIL	22.75
	Moderately we & disintegra			rey, decomposed		-				R18	CR=52% RQD=NIL	23.25
										R19	CR=51% RQD=NIL	24.00
				24.75m						R20	CR=48% RQD=NIL	24.75
						4				R21	CR=40% RQD=NIL	25.50
										R22	CR=44% RQD=NIL	26.25
	Mandanakali									R23	CR=42% RQD=NIL	27.00
				deep grey to tely fractured		Ц				R24	CR=44% RQD=NIL	27.75
										R25	CR=40% RQD=NIL	28.50
						Ц				R26	CR=42% RQD=NIL	29.25
				30.00m						R27	CR=36% RQD=NIL	30.00
	N.D.											33.00
	N.B. — `*' be recovered		samı	ole could not								
_					•	 		•		-	BH-1:	5/Sheet-2

	Project : Geotech. 1	inv. wor	k for Prop.	1 x 6	OOMW S	↓ STPF	at	Singa	areni	, Adila	abad,	Telengana	CETES	T
-	Job No : 3576	\ A [T] A										08/10/2015		00
-	BORE LOG I				BO					$rac{{ m NO.}}{{ m ement}}$		_	rdinates E=57.00 N=(-)137.0 D9/15	00
	Field Test	Nos		nples		No	os			ion			09/15 09/15	
	Penetrometer (SPT)	10	Undisturb			2	_			e Diar			mm. / N.X.	
	Cone (Pc)		Penetrom Disturbed		SP1)	10				f Gro Strucl			194 m.	
	Vane (V)		Water Sa		(WS)	' 1				Water			m.	
-	DESC	RIPTION		•	SYMB			N	-VAI	_UE			SAMPLES	
-				0.00			EAG	CH D	IVN.	= 1	5cm.	Ref. No	Depth (m)	4
				0.00m								DC 1	0.50	
						\			2	4		DS-1	0.50	
	Very stiff, deep with calcareous	grey nodule	/, silty s. Obs.	clay sand			3 1	0 14				SPT-1	1.00-1.45	
	mixture & kanka	rs.										DS-2	1.60	
												UDS-1	2.00-2.45	
ŀ				2.60m		Ì			3	5		DS-3 WS-1	2.60 3.30	
							15	20 15				SPT-2	3.00-3.45	
												DS-4	3.70	
												*UDS-2	4.00-4.45	
	Dense, yellowish	grey,	clayey	silty					3	7		DS-5	4.60	
	sand.						10	6 21	ا ا	<u> </u>		SPT-3	5.00-5.45	
•									4	.8		DS-6	5.60	
							17	21 27	ľ			SPT-4	6.00-6.45	
-				6.70m					5	.8		DS-7	6.70	
							192	26 32				SPT-5	7.00-7.45	
									7	3		DS-8	7.70	
							21	31 42				SPT-6	8.00-8.45	
	Very dense, yellowi	sh are	ev. clavev	siltv					<u> 1</u>	00		DS-9	8.60	
	sand.	o., g. c	,,, 0,0,0,	ow.			21 5		0 c	m Pe	ntn.	SPT-7	9.00-9.25	
										00		DS-10	9.60	
							28 5		0 c	m Pe	ntn.	SPT-8 DS-11	10.00-10.25	
			1	1.00m			56			<u>oo</u>		*SPT-9	11.00-11.07 11. 0	00
	Completely weather medium grained,		ellowish	grey,	╟┼┼╎	Щ		7.		n Pe	nth.	R1 DS-12	CR=NIL RQD=NIL	
ŀ	Highly weathered		1	1.75m grey,	╒ ┸╤┼	╣	56	10		00		SPT-10	h 1 75-11 85 11. 7	75
	medium grained,		ed rock.	2.50m		Щ		10.	0 6	m Pe	ntn.	R2	ČR=32% RQD=NIL ↓ 12.5	50
	Moderately weathered, disintegrated rock.	deep g	rey, decom	posed	<u> </u>	Щ	NX	rotar	y dir	illing	from	R3	CR=56% RQD=NIL	7
-	disintegrated 100k.		1	3.25m						30.0			13.2 CR=21%	25
												R4	RQD=NIL ↓	od
	Highly weathered, de	eep gre	ey, decom	posed	<u> </u>							R5	CR=33% RQD=NIL	٦
	disintegrated rock.	-										5.5	14.7 CR=32%	75
			1	5.50m		H						R6	RQD=ÑÍL	50
L			<u>'</u>	5.00111	1	1				1	1	l	BH-16/Shee	

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	TPP	at Si	ngarer	ni. Adi	labad.	Telengana	CETEST
	Job No : 3576		Created by:				_			08/10/2015	
	BORE LOG D	ATA	SHEET	BO	RE	HC	LE	N0	. 1	6 00-0	rdinates E=57.000 N=(-)137.000
	Field Test	Nos	Samples		No	SI			nt Date Date		09/15 09/15
	Penetrometer (SPT)	10	Undisturbed (U	IDS)	2		,		Date ametei		mm. / N.X.
	Cone (Pc)		Penetrometer ((SPT)	10	-	vel (Of G	round	: 145.	194 m.
	Vane (V)		Disturbed (DS)	(MC)	11	_ ''' <i>`</i>			ck At		
			Water Sample			500	naing N-V		r Leve		m. SAMPLES
	DESCF	RIPTION	1	SYMB		EACH			15cm.	Ref. No	Depth (m)
	Highly weathered, de disintegrated rock.	eep gre	15.50m ey, decomposed 16.25m							R7	CR=40% RQD=NIL 16.25
	Highly weathered, ye				<u> </u>					R8	CR=28% RQD=NIL 17.00
	to coarse grained ro		17.75m							R9	CR=27% RQD=NIL
	Moderately weathe medium to coarse				Н					R10	CR=60% RQD=12% ▼ 18.50
	medium to course	grati	19.25m							R11	CR=44% RQD=NIL 19.25
										R12	CR=61% RQD=15% V 20.00
										R13	CR=52% RQD=NIL
→					\Box					R14	CR=68% CR=68% 21.50
										R15	CR=60% RQD=NIL
					\exists					R16	CR=64% RQD=NIL
										R17	CR=68% RQD=NIL 23.75
										R18	CR=72% RQD=NIL 24.50
	Moderately to sl deep grey to lig	jht gi	rey brownish							R19	CR=56% RQD=NIL
	grey, completely fr rock.	acture	d decomposed							R20	CR=60% RQD=NIL 26.00
					\blacksquare					R21	CR=68% RQD=NIL V 26.75
										R22	CR=44% RQD=NIL 27.50
										R23	CR=68% RQD=NIL 28.25
										R24	CR=64% RQD=NIL CR=68% 29,00
			_							R25 R26	CR=68% 29 00 RQD=NIL CR=64% 29 75
			30.00m		口					0	ŘQDĚŇÍĽ 30.00
	N.B. — '*' means be recovered.	samı	ple could not								
				•	1		- '	•	• •	•	BH-16/Sheet-2

	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana Job No: 3576 Created by: Chandrani Created on: 14/10/2015 Sheet No: BORE LOG DATA SHEET BORE HOLE NO. 17 Co-ordinates E=12.000 N=(-)262.000												
		T) A (T) A	·								<u>'</u>		
-				BO					nent [rdinates <u>N=(-</u> 0/15)262.000
	Field Test	Nos	Samples		No				on De			0/15	
	Penetrometer (SP	T) 9	Undisturbed (U		2	-			Diam			mm. / N.X	•
	Cone (Pc)		Penetrometer (DS)		9 1	. -			Grou			767 m.	
	Vane (V)		Water Sample		' 0	- 1 '			ruck ater L			m	
-	DEC		·		Ť			·VALL				SAMPLES	
	DES	SCRIPTION		SYMB		EACI	1 DIV	/N. :	= 150	ŗm.	Ref. No	Depth (m)
			0.00m										
								10			DS-1	0.50	
	Very stiff, deep					6 8	11	<u>19</u>			SPT-1	1.00-1.4	45
	sand mixture. &	calcareo	us nodules.	1/1/							DS-2	1.60	
											UDS-1	2.00-2.4	45
-			2.60m	1	$\frac{1}{1}$			7.0			DS-3	2.60	
					$\langle \cdot \rangle$	9 1	22	<u>39</u>			SPT-2	3.00-3.4	45
	Hard, deep grey, sil	tv clav. C	bs sand mixture								DS-4	3.60	
	& calcareous nod		bor barra mixtare								UDS-2	4.00-4.4	45
											DS-5	4.70	
-			5.00m			10 1	730	47			SPT-3	5.00-5. ₄	45
•					\\						DS-6	5.60	+
						13 23	333	<u>56</u>			SPT-4	6.00–6. ₄	45
					\\						DS-7	6.60	
						12 24	130	<u>54</u>			SPT-5	7.00-7.	45
	Hard, greyish with sand mixture		, stity clay								DS-8	7.60	
						17 3	142	73			SPT-6	8.00-8. ₄	45
				N ' \							DS-9	8.60	
						21 38	352	<u>>10</u>			SPT-7	9.00-9.3	35
							5.d	- 1	Pentr). 			
-			10.00m		\mathbf{H}	33 56		<u>10</u>			SPT-8	10.00-10	.25
	Very dense, ye silty sand.	llowish	grey, clayey				10.0	6m 10 <u>></u>	Pent n	tn.	DS-10	10.50	
-			11.00m		; الله	58					SPT-9	11.00-11.1 CR=44%	<u>1</u> 1.00
							12.0	cm	Pent	in.	R1	ŘQD=ŇÍĽ	11.75
											R2	CR=50% RQD=NIL	
							1 1		ng fr			CR=26%	12.50
	Highly to modera				ㅐ	11	100m	to :	80.00n	ή	R3	ŘQD≡ŇíĽ	13.25
	rock.		g, Tractarea		╁╢						R4	CR=37% RQD=NIL	
					뷔							CR=36%	14.00
				 	귀						R5	RQD=NÍL	14.75
					Щ						R6	CR=46% RQD=NIL	· ' '
			15.50m		<u> </u>								15.50
					T	/27						BH-17	/Sheet-1

Project : Geotech. In	ob No: 3576 Created by: Chandrani Created on: 14/10/2015 Sheet No:												
		<u>'</u>					ed						
BORE LOG D	ATA	SHEET	BO	RE		LE		<u> </u>		N=(-)262.000			
Field Test	Nos	Samples		Nos	3 I			nent Do n Dat		10/15 10/15			
Penetrometer (SPT)	9	Undisturbed (U	DS)	2	- 1	•		Diamet		mm. / N.X.			
Cone (Pc)		Penetrometer ((SPT)	9				Groun		767 m.			
Vane (V)		Disturbed (DS)	(MC)	11				uck A					
valle (V)		Water Sample		<u> </u>	50	naing N-V		iter Lev	1	SAMPLES			
DESCR	!IPTION	1	SYMB		ACH			 : 15cr		Depth (m)			
Highly to moderately yellow, fine grainer rock. Moderately weather fine grianed, high Highly to moderate grey to greyish yellow fine grained, fractured	ely weellow	ghly fractured 19.50m Treyish yellow, actured rock. 20.75m eathered, deep , medium to ck.		-	ACH			: 15cr	Ref. No R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18	CR=45% RQD=NIL 17.00 CR=32% RQD=NIL 17.75 CR=40% RQD=NIL 17.75 CR=40% RQD=NIL 19.25 CR=54% RQD=NIL 20.00 CR=53% RQD=NIL 20.00 CR=53% RQD=NIL 21.50 CR=44% RQD=NIL 22.25 CR=44% RQD=NIL 23.00 CR=61% RQD=NIL 23.00 CR=61% RQD=NIL 23.75 CR=48% RQD=NIL 24.50			
Moderately weather fine to medium rock.		reyish yellow,							R19 R20	CR=44% RQD=13% 25.25 CR=42% RQD=NIL			
Moderately weathered highly fractured rock		y, fine grained, ———— 26.75m							R21	26:00 CR=41% RQD=NIL 26:75			
Moderately to sl	iahtl	v weathered.							R22	CR=53% RQD=NIL 27.50			
grey, fine grained rock.				耳					R23	CR=72% RQD=NIL 28.25			
		00.00	F	Ц					R24	CR=65% RQD=NIL			
Moderately weather fine grained, high									R25 R26	CR=44% RQD=16% CR=43% CR=43% RQD=NIL 30.00			
			Page	1	270					BH-17/Sheet-2			

Г	D : 1 G ! 1	•	1 C D 4	00100 (<u>+</u>	1 0			111 1 1	m 1	اع سجد م	-
-	Project : Geotech. Job No : 3576	inv. woi	Created by:								Sheet No:	
-		DATA		BO			DLE				ordinates N=(-)217.00	00
-	Field Test	Nos	Samples		No	SI			ent Date	: 28/0	09/15	
-	Penetrometer (SPT)	8	Undisturbed (L	JDS)	1		•		n Date Iameter		10/15 mm. / N.X.	
			Penetrometer	(SPT)	8	- 1			Ground		638 m.	
	Cone (Pc)		Disturbed (DS)		9	w	ater	Stru	uck At	:		
	Vane (V)		Water Sample	(WS)	<u> </u>	St			er Level			
	DESC	RIPTION	1	SYMB		<u> </u>		VALUE			SAMPLES	
-			0.00m			EACH	עוט	N. =	15cm.	Ref. No	Depth (m)	
			0.0011							DS-1	0.50	
	Stiff brownish a		iltu alau with			3 5	7	12		SPT-1	1.00-1.45	
	Stiff, brownish g kankars & sand									DS-2	1.70	
				11/1						UDS-1	2.00-2.45	
										DS-3	2.70	
	Medium dense, cl		3.00m		Ì	4 8	9	17		SPT-2	3.00-3.45	
-	steel grey patches	5.	3.70m					 		DS-4	3.70	
					1	12 30	56 5.0		Pentn.	SPT-3	4.00-4.35	
								×100	1 1	DS-5	4.75	
]]]	37 51	100	cm	Pentn.	SPT-4	5.00-5.25	
•	Very dense, clayey	siltv s	sand with steel					×100	1 1	DS-6	5.60	
	grey patches.				4	41 52	5.0	cm	Pentn.	SPT-5	6.00-6.20	
								×100		DS-7	6.60	
						51 56	13.0		Pentn.	SPT-6 DS-8	7.00-7.28 7.50	
								<u> 100</u>				
	Hard, greyish yel	low, s				54	12.0	cm	Pentn.	SPT-7 DS-9	8.00-8.12 8.40	
	sand mixture.		9.00m			52	-	<u> 100</u>	.	SPT-8	9.00-9.08 9.00	,
			3.0011			52	8.0	cm	Penth.	R1	CR=40% RQD=NIL V	
					Щ					R2	9.75 CR=47% RQD=NIL 	5
					Н			drilling	g from	R3	10.50 CR=56%)
					Н	9.0	OIII I	30.			RQD=NIL	5
	Moderately weather				Н					R4	RQD=NIL † 12.00	,
	fine grained, complete decomposed & disi				\parallel					R5	CR=42% RQD=NIL 12.75	5
										R6	CR=45% RQD=NIL 13.50	
					Щ					R7	CR=54% RQD=NIL ▼	
					Щ					R8	14.25 CR=48% RQD=NIL V	
			15.50m		出					R9	15.00 CR=56% RQD=NIL)
L				.1	<u> </u>	ı			1 1		BH-18/Sheet	 −1

ſ	Project : Geotech.	Inv. was	ulz fon Duon 1 w 6	UUIVIA C	TDD	of Ci	n «o »o	.; A.J.	ilahad	Tolongono	C=T=C1	Ħ
ŀ	Job No : 3576	IIIV. WOI	Created by :								Sheet No:	
Ī	BORE LOG	DATA	<u>'</u>	BOI			LE	NC			rdinates E=12.000 N=(-)217.000	
Ī	Field Test	Nos	Samples		No	SI			nt Date	e: 28/0	09/15	
Ī	Penetrometer (SPT)	8	Undisturbed (L	DS)	1		•		Date amete		10/15 mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	8				round		638 m.	
	Vane (V)		Disturbed (DS)	(MC)	9	'''			ck At			
	valle (v)		Water Sample	(WS)	0	Sto		wate ALUE	er Leve	1	 SAMPLES	-
	DESC	RIPTION	1	SYMB	아	EACH				Ref. No	Depth (m)	
	Moderately weather fine grained, complete decomposed & dist	Jy fracti	rad le completaly							R10	15.75 CR=54% RQD=NIL 16.50	
	Highly to moderate grey to deep grey,	ly weat	hered, yellowish							R11	CR=36% RQD=NIL 17.25	
	rock. Moderately weather		18,00m		\dashv					R12	CR=42% RQD=NIL 18.00	
	fine to medium grander.	ained,	nighly fractured 18.75m							R13	CR=45% RQD=NIL 18.75	5
ŀ	Moderately weathered fine to medium grained									R14	CR=52% RQD=NIL 19.50	
	rock.									R15	CR=60% RQD=NIL 20.25	5
										R16	CR=54% RQD=NIL 21.00	
										R17	CR=50% RQD=NIL 21.75	
					\Box					R18	CR=55% RQD=NIL 22.50	
										R19	CR=62% RQD=NIL	
	Moderately to s	sliahtl	v weathered							R20	CR=57% RQD=NIL	
	deep grey, fine gro									R21	CR=60% RQD=NIL + 24.75	
					Ц					R22	CR=62% RQD=NIL	
										R23	CR=65% RQD=NIL + 26.25	
										R24	CR=57% RQD=NIL 27.00	
										R25	CR=58% RQD=NIL ▼	
			20 50							R26	27.75 CR=54% RQD=NIL	
	Moderately weath	ered, k								R27	28.50 CR=58% RQD=NIL	
	fine grained, highly		ired rock.							R28	29.25 CR=56% RQD=NIL	
			30.00m								30.00	<u>'</u>
Ĺ				<u> </u>	*		I			1	BH-18/Sheet-	_ ∙2

	12.000 -)177.000
Field Test Nos Samples Nos Commencement Date : 07/09/15 Penetrometer (SPT) 11 Undisturbed (UDS) 3 Bore Hole Diameter : 150 mm. / N.) Cone (Pc) Penetrometer (SPT) 11 Level Of Ground : 141.961 m.	
Penetrometer (SPT) 11 Undisturbed (UDS) 3 Bore Hole Diameter: 150 mm. / N.> Cone (Pc) Penetrometer (SPT) 11 Level Of Ground: 141.961 m.	<.
Cone (Pc) Penetrometer (SPT) 11 Level Of Ground: 141.961 m.	<.
Cone (Pc)	
Vane (V) Water Sample (WS) 1 Standing Water Level : 2.3 m.	
DESCRIPTION SYMBOL N-VALUE SAMPLES	
EACH DIVN. = 15cm. Ref. No Depth ((m)
0.00m	
0.50	
6 9 9 18 SPT-1 1.00-1.	45
Very stiff, deep grey, silty clay. Obs. calcareous nodules.	
UDS-1 2.00-2.	45
7.5 WS-1 2.30	
3.00m 36 W3-1 2.30 SPT-2 3.00-3.	
Dense, yellowish grey, clayey silty	45
Stiff, light yellowish grey, silty clay	45
with sand mixture. 5.70m 5.70m 5.70m	T3 (
3.70III UDS-3 6.00-6.	15
	45
	12
1 12,0 cm Pentin. Do 6 750	
Hard, light yellowish grey, silty clay $\left \begin{array}{c} 1 \\ 1 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 \\ 2 \end{array} \right = \left \begin{array}{c} 1 $	25
with sand mixture.	23
with sand mixture. 32 58 10.0 cm Pentn. SPI-5 8.00-8. 32 58	18
3.0 cm Penth. DS-8 9.60	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$) ae
10 60 Pentln. DS 0 10 60	
11.00m 156 *SPT-8 11.00-11.00	
Completely weathered, light grey,	
11.75m 11.75m 1.75m	811.75
medium to fine grianed, fractued rock. 12.50m 13.0 cm Penth. R2 RQD=10%	12.50
Partial R3 CR=23%	12.50
fine grained rock.	0 13 25
	61400
6.0 cm Penth. R5 CR=52%	1 1
Moderately weathered, deep grey, completely	14.75
	, ,
15.50m BH-19	15.50 9/Sheet-1

Project : Geotech. In	nv. wor	k for Prop. 1 x 6	OOMW S	↓	at Si	ngarer	ni. Adi	labad.	Telengana	C= '	T=ST
Job No : 3576		Created by:								Sheet N	o:
BORE LOG D	ATA	SHEET	BO	RE	HC	LE	NO	. 19	9 Co-o	rdinates <mark>E=</mark>	12.000 (-)177.000
Field Test	Nos	Samples		No	SI			nt Date		09/15	
Penetrometer (SPT)	11	Undisturbed (U	DS)	3	- 1	, ⊙ 1		Date meter		09/15 mm. / N.	x.
Cone (Pc)		Penetrometer ((SPT)	11	Le	vel (Of Gr	ound	: 141.9	961 m.	
Vane (V)		Disturbed (DS)	(110)	9				ck At			
varie (v)		Water Sample	(WS)	1	Sto	nding N-V		r Level		m. SAMPLES	
DESCR	RIPTION	1	SYMB		FACH			15cm.		Depth	(m)
		15.50m	7								Ţ
Moderately weathered,			╟┼┼	귀.					R7	CR=48% RQD=NIL	16.05
decomposed disinteg	rated	rock.	$\parallel \parallel$	Щ					R8	CR=40% RQD=NIL	16.25
		17.00m		Щ							17.00
									R9	CR=52% RQD=NIL	17.75
									R10	CR=48% RQD=13%	1
			H	\forall						CR=40%	18.50
				\blacksquare					R11	RQD=NIL	19,25
Highly to moderately	weatl	hered, yellowish							R12	CR=39% RQD=NIL	19.25
grey, fine grained, f											20.00
				Щ					R13	CR=56% RQD=36%	
→				П					R14	CR=52%	20.75
				П						RQD=20%	21.50
			HH	+					R15	CR=53% RQD=NIL	22,25
		22.50m		\exists					R16	CR=48%	22.25
				\Box						RQD=NIL	23.00
				Щ					R17	CR=52% RQD=NIL	J
				Ц					R18	CR=44%	23.75
				Д						RQD=NIL	24.50
Highly to moderate grey, decomposed &									R19	CR=32% RQD=NIL	.
		-	oxdot	+					R20	CR=48%	25.25
				\Box					I NZO	RQD=NIL	26.00
				\pm					R21	CR=56% RQD=NIL	V
			\vdash	Щ					R22	CR=60% RQD=NIL	26.75
		27.25m		耳					R23	CR=48%	27.25
									N25	RQD=NIL	28.00
Moderately to sl				\exists					R24	CR=56% RQD=NIL	↓
yellowish grey to grained, fractured ro		sp grey, rine		\exists					R25	CR=48%	28.75
				\ddagger						RQD=12%	29,50
		30.00m		\exists					R26	CR=64% RQD=NIL	30.00
N.B. — '*' means	samı										
be recovered.	= = ' ' '										
			ı	1					l	BH-1	9/Sheet-2

Project : Geotech.	Inv. wor	k for Prop	. 1 x 6	00MW S	↓ STPP	at	Sing	are	ni, Adi	ilabad,	Telenga	na	CETEST
Job No : 3576		Created	l by:	Char	ndr	ani	Cr	ea	ted o	n :			eet No:
BORE LOG	DATA	SHEE	T	B01	RE	H	OI	ĿΕ	NC). 2	0 Co	-ordina	ites E=12.000 N=(-)137.000
Field Test	Nos	Sa	mples		No	DS I				nt Date Date		3/09/1: 3/09/1:	
Penetrometer (SPT	9	Undistur	bed (U	DS)	2	\ I		•		ametei			/ N.X.
Cone (Pc)		Penetron		(SPT)	9	١,	_eve	el	Of G	round	: 14	11.451	m.
Vane (V)		Disturbe		(110)	10	- 1 '				ck At		_	
varie (v)		Water Sc	ample	(WS)	C) :			y Wate ALUE	r Leve	l: 3.	3 m. SAMP	I FS
DES	CRIPTION	1		SYMB		EAC				15cm.	Ref. N		Depth (m)
			0.00m		$\overline{}$								<u> </u>
											DS-	1	0.50
									<u>15</u>				
Stiff to very st	iff dea	en arev	siltv			5 7	8				SPT-		.00-1.45
clay with calca	reous i	nodules.	Obs.	11							DS-2	2	1.70
sand mixture.					`,						UDS-		2.00-2.45
									26		DS-3	3	2.60
					\\	6 1	1 15				SPT-		5.00-3.45
			3.60m		7						DS-4		3.60
											*UDS-	-2 4	00–4.10
						1823	 30		<u>62</u>		SPT-	3 1 4	60–5.05
						TOP.						~ '	.00 0.00
											DS-5	5	5.50
Hard, yellowish gr	ey, silty	clay.				2129	 30		<u>68</u>		SPT-	4 6	5.00-6.45
						2 12.					DS-6		6.70
					` 1	2134	, , , ,		<u>79</u>				7.00-7.45
				11/	\	2 10'	+ 4-3				SPT-		7.70
			8.00m	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\langle \cdot \rangle$				80				
						20 32	2 148				SPT-		8.00-8.45 8.60
									<u>85</u>				
Hard, light brow						22 3	4 51	ا			SPT-	7 9	0.00-9.45
Obs. sand mixtur	e, steel	grey pa	tches.	1/1	`\			>	100		DS-9	9	9.70
						31 4	/ 50	1	cm P	enth	SPT-	8 10	0.00-10.35
			1.00	\ `.\	`. 1	_			100		DS-1		10.80
Moderately weath		ellowish			Ŧ	54	10	.0.	cm F	entn.	SPT-	9 1.00 CR	D-11.10 11.00 =56% D=24% √
fine grained, fro & disintegrated ro			osed 1.75m	 	Щ						'`'		11.75
Moderately weath		ellowish	arev	μ	\mathcal{H}			ľ		from	R2	CR RQ	=44% D=24%
fine grained, fro	actured,				Ш	1	1 00	m	o 30.	ф От	D7	CR	12.50 =43%
& disintegrated ro		1	3.25m	<u> </u>	Щ						R3	ŘQ	D=NIL
Moderately weath medium to coars		ellowish	grey,		\prod						R4	CR RO	=52% D=38%
rock.		ilea, Irac	4.00m	 	₩								14.00
			, .		긤						R5	KQ	=44% D=NIL
Moderately weather graind, fractured o			edium	$\parallel \perp$	뷔						R6	ÇŖ	14.75 =43%
g, as an oa			5.50m	Щ,	Щ							RQ	D=20% ↓ 15.50
				•	1		•	•		- 1	4	•	BH-20/Sheet-

	Project : Geotech. In	nv. wor	k for Prop. 1 x 6	00MW S	TPP	at S	ingar	eni.	Adil	abad.	Telengana	CETEST
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	BO	RE	H	OLE		10.	. 20) Co-o	ordinates E=12.000 N=(-)137.000
	Field Test	Nos	Samples		No	SI				: Date Date		09/15 09/15
İ	Penetrometer (SPT)	9	Undisturbed (U	DS)	2	- 1	•			meter		mm. / N.X.
	Cone (Pc)		Penetrometer (SPT)	9	. -				ound		451 m.
	Vane (V)		Disturbed (DS) Water Sample	(WC)	10 0	''				k At Level		m
	<u> </u>					3	N–'	<u> </u>		Level		SAMPLES
	DESCF	RIPTION	N	SYMB		EACH				5cm.	Ref. No	Depth (m)
	Moderately weathered graind, fractured dea	l, deep compo	15.50m o grey, medium sed rock. 16.25m								R7	CR=40% RQD=NIL 16.25
] <u> </u>							R8	CR=52% RQD=NIL 17.00
	Moderately to sl deep grey, mediun decomposed rock.										R9	CR=68% RQD=54% 17.75
			———— 18.50m								R10	CR=76% RQD=34% 18.50
	Moderately weath		, light grey,]] 	1						R11	CR=48% RQD=36% ▼ 19.25
	rock.		20.00m								R12	CR=42% RQD=NIL V 20.00
	Slightly weathered grained, decompositions		ht grey, fine								R13	CR=72% RQD=NIL
•	Slightly weathere medium to coarse		llowish grey,		\perp						R14	CR=80% FQD=32% 21.50
	rock.	grav	22.00m								R15	CR=73% RQD=16% ▼ 22,25
					<u> </u>						R16	CR=68% RQD=NIL 23.00
											R17	CR=56% RQD=NIL
					\blacksquare						R18	CR=78% RQD=NIL
	Moderately to sli	abtly	weathered /		I						R19	CR=74% RQD=NIL
	fresh, deep grey, fine & disintegrated rock	ne gro			$\frac{1}{1}$						R20	CR=78% RQD=NIL
											R21	CR=81% RQD=NIL
											R22	CR=75% RQD=NIL
											R23	CR=68% RQD=NIL ▼
			00.00								R24	28.25 CR=76% RQD=NIL
	Slightly weathere fine grained, fractur										R25	CR=80% 29.00 RQD=NIL 29.75
	ime gramea, mactur	5u 100	30.00m		耳						R26	CR=74% 29,75 RQD=NIL 30,00
	N.B. — '*' means be recovered.	sam	ple could not									
				•	1	•		-		•		BH-20/Sheet-2

Project : Geotech. In	WAY	ek for Prop	1 v 6	OOMW S	↓	at	Sing	aren	i A	dilaha	d '	Telengana	CETE	CT
Job No : 3576	14. #01											1010000000000000000000000000000000000	Sheet No:	
BORE LOG D	ATA	SHEET	Γ	BO	RE	I	IOI	E	N	0.	21		rdinates	3.000 96.000
Field Test	Nos	Sam	nples		No	15				ent D			9/15	
Penetrometer (SPT)	6	Undisturb	ed (U	DS)	1			•		n Do Diame			0/15 mm. / N.X.	
Cone (Pc)		Penetrome	eter ((SPT)	6					Grou			748 m.	
Vane (V)		Disturbed		(11(0)	7					uck				
varie (v)		Water Sar	mpie		0			uing -VA		ter Le	evei T		m. SAMPLES	
DESCR	IPTION	1		SYMB	아	EAG					m.	Ref. No	Depth (m)
		C	0.00m		$\overline{\neg}$									
												DS-1	0.50	
						3	4 5		9			SPT-1	1.00-1.45	,
Stiff, deep grey, sand mixture & calc			Obs.									DS-2	1.60	
												UDS-1	2.00-2.45	,
									100			DS-3	2.60	
			3.00m			29	12 52		<u>100</u>			SPT-2	3.00-3.35	,
							5.0	1 1	n F 100	entn.		DS-4	3.70	
Very dense, yello	wich	arev cla	71/61/			39 5						SPT-3	4.00-4.25	5
silty sand.	WISII	grey, cre	ayey						cm 100	Pent	n.	DS-5	4.60	
						32 5						SPT-4	5.00-5.20)
							5.0	1 1	100	Pehtn.	`	DS-6	5.60	+
Hard, light brown	sil		6.00m Obs.			42 5						SPT-5	6.00-6.25	,
sand mixture.	,							ľ k	100	Pent <u>P</u>	11.	DS-7	6.60	
		 7	7.00m		计	54	10	.o. k	m	Pent	n.	SPT-6 R1	7.00-7.10 7 . CR=48% RQD=NIL	00
				├ ┞	Щ								7.	75
				H	Ц							R2	CR=52% RQD=NIL	_
												R3	CR=56%	50
														25
												R4	CR=44% RQD=NIL 10.	00
 Moderately weather	ed v	ellowish d	arev									R5	CR=45% RQD=NIL	,
fine grained, high			ock.										10. CR=48%	75
					ΤΊ							R6	ŘQD=ŇÍĽ (11.	50
				 	ᅦ							R7	CR=40% RQD=NIL	,
				 	Н							DO	12. CR=44%	25
				╟┼┼┤	닊							R8	RQD≐NÍĽ 13.	00
					ᅰ							R9	CR=42% RQD=NIL	,
					귀							R10	13. CR=52%	75
				- -	Щ								RQD=NIL 14.	50
Highly to moderatel greyish yellow, fine g	ly we rained	athered, ` I. hiahlv 15	5 25~									R11	CR=48% RQD=NIL	,
fractured rock.			5.50m										15.	J
					1								BH-21/S	heet-1

ſ	D : 1 0 1 1	•	1 C D 4 0	00100 0	₩		<u> </u>		•	1 1 1 1	, ,	m 1	/	
ļ	Project : Geotech. Job No : 3576	inv. wor	Created by :				_						Sheet No:	
		DATA	·	BO				LE		0.			rdinates N=(-)13.000 N=(-)196.000	
	Field Test	Nos	Samples		No) S					Date	: 28/0	09/15	
	Penetrometer (SPT)	6	Undisturbed (L	IDS)		4		•			Date neter		10/15 mm, / N.X.	
			Penetrometer ((SPT)	ε	~ I					und		748 m.	
	Cone (Pc)		Disturbed (DS)		7	7 1	Wat	er	Str	uck	< At			
	Vane (V)		Water Sample	(WS)) !					Level			
	DESC	RIPTION	1	SYMB	OL	F 4 6		<u>1-V</u>					SAMPLES	
			15.50m			EAC	HI	אינט 	. = 	= 1:	ōcm.		Depth (m)	
	Highly to moderate		thered, greyish		Щ							R12	CR=52% RQD=NIL 16.00	
	yellow, fine grained,	highly	fractured rock.									R13	CR=36% RQD=NIL 16.75	
			10.75111									R14	CR=55% ↓ RQD=NIL ▼	
												R15	17.50 CR=48% RQD=NIL	
												R16	18.25 CR=60% RQD=NIL	
												R17	19.00 CR=72% RQD=NIL †	
												R18	19.75 CR=48% RQD=NIL	
•												R19	20.50 CR=56% RQD=NIL	-
	Moderately to s yellowish grey, f	ine gr	ained, highly									R20	21.25 CR=44% RQD=NIL	
	fractured, disinte	egrated	rock.									R21	22.00 CR=64% RQD=NIL	
												R22	22.75 CR=56% RQD=NIL	
												R23	23.50 CR=60% RQD=NIL	
												R24	24.25 CR=68% RQD=NIL	
												R25	25.00 CR=48% RQD=NIL	
			26.50m									R26	25.75 CR=60% RQD=NIL 26.50	
	Slightly weathers medium to fine gro		eyish yellow,									R27	CR=62% RQD=NIL + 27.25	
•	rock. Moderately weathered medium to fine grained		h yellow,									R28	CR=49% RQD=NIL + 28.00	
	rock.	i, ingiliy										R29	CR=62% RQD=NIL 28.75	
	Moderately to slightly											R30	CR=54% ROD=NIL V	
	fine grained, fractu	reu ais	integratea rock. 30.00m									R31	CR=58% 29,50 RQD=NIL 30.00	
ı				'	7								BH-21/Sheet-2	

Project : Geotech. I	nv. woi	k for Prop. 1 x 6	OOMW S	↓	at.	Singa	reni	. Adi	labad.	Telengana	C=T=ST
Job No : 3576	2277 1102	Created by:									
BORE LOG D	ATA	SHEET	BO	RE	H	OL	E	NO	. 22	S Co-o	rdinates E=(-)37.000 N=(-)217.000
Field Test	Nos	Samples		Nos	S				nt Date		10/15 10/15
Penetrometer (SPT)	4	Undisturbed (U	IDS)	1	- 1	•	,		Date ameter		mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	4	'	_evel	l 0	f Gr	round	: 140.	76 m.
Vane (V)		Disturbed (DS)	(MC)	4	- 1 '				ck At		
		Water Sample		<u> </u>			<u> </u>	wate LUE	r Level		SAMPLES
DESCR	RIPTION	N .	SYMB		EAC				15cm.	Ref. No	Depth (m)
Deep grey, silty c nodules. Obs. sand				[///]						DS-1	0.50
 Very stiff, light gre)	8 1	2 14		<u>:6</u>		SPT-1 DS-2	1.00-1.45 1.60
silty clay. Obs. sand										UDS-1	2.00-2.45
		2.60m								DS-3	2.60
		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1	101	5 22	3	<u>57</u>		SPT-2	3.00-3.45
Hard, light grey to clay. Obs. sand mix		nish grey, silty								DS-4	3.60
Clay. Obs. Sand Thix	iture.			3	3110			<u>00</u> m P	entn.	SPT-3	4.00-4.25
		4.60m			00		<u> </u>	<u>00</u>	entn.	SPT-4 R1	4.60-4.70 4.60 CR=48% RQD=NIL 5.35
Moderately weathe				<u> </u>		rotary .60m			from	R2	CR=56% RQD=NIL 6.10
fine grained, higl	nly fr	actured rock.				.0011		25.0		R3	CR=44% RQD=NIL 6.85
		7.60m								R4	CR=46% RQD=NIL 7.60
										R5	CR=48% RQD=NIL 8.35
										R6	CR=52% RQD=NIL 9.10
										R7	CR=36% RQD=NIL 9.85
Highly to moderated yellow, fine grains rock.										R8	CR=48% RQD=NIL 10.60
										R9	CR=32% RQD=NIL 11.35
										R10	CR=28% RQD=NIL 12.10
		47.00								R11	CR=40% RQD=NIL 12.85
		13.00m		1							BH-22/Sheet-1

Γ	Project : Geote	ch. Inv.	worl	k for Prop. 1 x 6	00MW S	↓ STPF	ats	Singa	reni	, Adi	labad,	Telengana	CET	EST
_	Job No : 3576	3		Created by:	Char	ıdr	ani	Cre	eate	d o	\mathbf{n} :	29/10/201		
	BORE LOC	d DA'	TA	SHEET	BO	RE					. 2	2 Co-d	ordinates E=(-)	217.000
	Field Test	N	los	Samples		No	os I				nt Date Date		10/15 10/15	
	Penetrometer (S	SPT)	4	Undisturbed (L	IDS)		4		•		mete		mm. / N.X.	
	Cone (Pc)			Penetrometer ((SPT)	4	┡	eve	ι 0	f Gr	ound	: 140	.76 m.	
	Vane (V)			Disturbed (DS)	4	4	- 1				ck At			
ŀ	vane (v)			Water Sample	(WS)) S		ing -VAI		r Leve	l: 3.8	m. SAMPLES	
	D	ESCRIP'	TION		SYMB	OL	FACI				15cm.	Ref. No	1	1)
	Highly to mode yellow, fine gr											R12	CR=29% RQD=NIL	3.60
	Highly to mode											R13	CR=48% RQD=NIL	4.35
	yellow, mediı rock.	urn gr		15.10m		<u> </u>						R14	CR=36% RQD=NIL	5.10
						\prod_{i}						R15	CR=44% RQD=NIL	5.85
						 						R16	CR=40% RQD=NIL	6.60
												R17	CR=32% RQD=NIL	
•												R18	CR=36% RQD=NIL	7.35
												R19	CR=40% RQD=NIL	8.10
												R20	CR=28% RQD=NIL	8.85
	Highly to mode black, fine gr					<u> </u> 						R21	CR=40% RQD=NIL	9.60
	rock.											R22	CR=40% RQD=NIL	0.35
												R23	CR=32% RQD=NIL	1.10
												R24	CR=42% RQD=NIL	2.60
												R25	CR=30% RQD=NIL	3.35
												R26	CR=40% RQD=NIL	4.10
												R27	CR=46% RQD=NIL	
				25.00m	╫┵	\perp							2	5.00
L					Page	1	<u> </u>			-		l	BH-22/	Sheet-2

Field Test Nos Samples Nos Commencement Date : 17/1 Penetrometer (SPT) 9 Undisturbed (UDS) 2 Bore Hole Diameter : 150 Cone (Pc) Penetrometer (SPT) 9 Level Of Ground : 141.7 Vane (V) Water Sample (WS) 0 Standing Water Level : 1.5 r	rdinates E=(-)37.0 0/15 0/15 0/15 mm. / N.X. 709 m.
Field Test Nos Samples Nos Commencement Date : 17/1 Penetrometer (SPT) 9 Undisturbed (UDS) 2 Bore Hole Diameter : 150 Cone (Pc) Disturbed (DS) 9 Water Struck At : Vane (V) Water Sample (WS) 0 Standing Water Level : 1.5 r DESCRIPTION SYMBOL N-VALUE EACH DIVN. = 15cm. Ref. No Medium dense, yellowish brown, silty sand with kankars. A 7 12 SPT-1 DS-2 *UDS-1	Mainutes N=(-)176.0 0/15 0/15 mm. / N.X. 709 m. SAMPLES Depth (m) 0.50 1.00-1.45
Penetrometer (SPT) 9 Undisturbed (UDS) 2 Bore Hole Diameter : 150 Cone (Pc) Penetrometer (SPT) 9 Level Of Ground : 141.7 Vane (V) Water Sample (WS) 0 Standing Water Level : 1.5 r DESCRIPTION SYMBOL N-VALUE EACH DIVN. = 15cm. Ref. No 0.00m Medium dense, yellowish brown, silty sand with kankars. 2.75m 2.75m Completion Date : 19/1 Bore Hole Diameter : 150 Level Of Ground : 141.7 N-VALUE EACH DIVN. = 15cm. Ref. No DS-1 SPT-1 DS-2 *UDS-1	0/15 mm. / N.X. 709 m. m. SAMPLES Depth (m) 0.50 1.00-1.45
Penetrometer (SPT) 9 Undisturbed (UDS) 2 Bore Hole Diameter : 150 Cone (Pc) Disturbed (DS) 9 Water Struck At : Vane (V) Water Sample (WS) 0 Standing Water Level : 1.5 r DESCRIPTION SYMBOL SYMBOL EACH DIVN. = 15cm. Ref. No 0.00m Medium dense, yellowish brown, silty sand with kankars. Once (Pc) Disturbed (DS) 9 Water Struck At : N-VALUE SACH DIVN. = 15cm. Ref. No DS-1 4 7 12 SPT-1 DS-2 *UDS-1	mm. / N.X. 709 m. m. SAMPLES Depth (m) 0.50 1.00-1.45
Cone (Pc) Vane (V) Disturbed (DS) Vane (WS) DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.000m O.00	m. SAMPLES Depth (m) 0.50 1.00-1.45
Vane (V) Disturbed (DS) 9 Water Struck At : Standing Water Level : 1.5 r DESCRIPTION SYMBOL N-VALUE SEACH DIVN. = 15cm. Ref. No DESCRIPTION DS-1 Medium dense, yellowish brown, silty sand with kankars. 4 7 12 SPT-1 DS-2 *UDS-1 DS-3 Disturbed (DS) 9 Water Struck At : Standing Water Level : 1.5 r N-VALUE SEACH DIVN. = 15cm. Ref. No DS-1 DS-2 *UDS-1 DS-3 DS-3 DS-3 DS-3 DS-1 DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-1 DS-3 DS-1 DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-1 DS-3 DS-2 TO DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-1 TO DS-3 DS-2 TO DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-2 TO DS-3 DS-3 DS-3 DS-4 DS-4 DS-4 DS-4 DS-5 DS-6 DS-6 DS-6 DS-7 DS-7 DS-7 D	Depth (m) 0.50 1.00-1.45
DESCRIPTION SYMBOL N-VALUE EACH DIVN. = 15cm. Ref. No 0.00m Medium dense, yellowish brown, silty sand with kankars. DS-1 DS-2 *UDS-1 DS-3	Depth (m) 0.50 1.00-1.45
Medium dense, yellowish brown, silty sand with kankars. DESCRIPTION	Depth (m) 0.50 1.00-1.45
Medium dense, yellowish brown, silty sand with kankars. 0.00m 4 7 12 SPT-1 DS-2 *UDS-1 DS-3	0.50 1.00-1.45
Medium dense, yellowish brown, silty 4 7 12 DS-2 *UDS-1 DS-3	
2.75m *UDS-1 DS-3	1.75
2.75m	
	2.00-2.45
Hard light vellowish grev siltv I\\\\]	2.75
clay.	3.00-3.45
3.50m DS-4 *UDS-2	3.75 4.00-4.08
100 SDT 7	450 475
Hard, reddish grey, silty clay with sand mixture. 10.0 cm Pentn. DS-5	4.50-4.75 5.00
100	
26 45 50 T SPT-4	5.50-5.87
6.20m 77 DS-6	6.20
22 33 44 77 SPT-5	6.50-6.95
3100 DS-7	7.30
\ \ \ \ 1	7.50-7.71
	8.00
\ \ \ \ 36 100 SPT-7	8.50-8.73
8.0 cm Pentin. DS-9	9.10
38100 SPT-8	9.50-9.75
[`.\`.\ 10.0 cm\ Pentn.	10.00-10.08 0.0 CR=35% RQD=NIL
Highly to moderately weathered, brownish 10,00m to 25.00m	10.1 CR=37% RQD=NIL
grey, medium grained, fractured rock.	11.5 CR=50% RQD=NIL
	12.2 CR=51%
13.00m	ŘQD≟ŇĬĽ ↓ 13.0

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Field Test	Г	Drainat . Castash	Inc. max	dr for Drop 1 m 6	001/IW C	↓	4 Cinas	mani	Adilah	. d 1	Tolongono	C=T=CT
Field Test	-	_	IIIV. WOI									Sheet No:
Completion Date : 19/10/15 Bore Hole Diameter : 150 mm. / N.X.			DATA									F / \77.000
Penetrometer (SPT) 9		Field Test	Nos	Samples								
Disturbed (DS) Water Struck At : Standing Water Level : 1.5 m.		Penetrometer (SPT)	9				Bore	Hole	e Diam	eter	: 150	mm. / N.X.
Vane (V) Water Sample (WS) O Standing Water Level : 1.5 m.		Cone (Pc)			SPT)							709 m.
N-VALUE SAMPLES		Vane (V)			(WS)							_
STABOL EACH DIVN. = 15cm. Ref. No Depth (m)	ŀ			*								
R5 CR=40% R0=NIL 13 R6 CR=52% R0=NIL 14 R7 CR=52% R0=NIL 16 R9 CR=52% R0=NIL 17 R0D=NIL 18 R12 CR=52% R0D=NIL 19 R13 CR=52% R0D=NIL 19 R14 CR=52% R0D=NIL 19 R14 CR=52% R0D=NIL 19 R14 CR=52% R0D=NIL 19 R15 CR=52% R0D=NIL 19 R16 CR=52% R0D=NIL 19 R17 CR=53% R0D=NIL 19 R18 R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=32% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 CR=34% R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R19 R0D=NIL 19 R0D=		DESC	CRIPTION	J	SYMB	OL EA				m.		Depth (m)
22 CR=32% R18 CR=32% R19 CR=34% RQD=NiL 24 CR=41% RQD=NiL 25 N.B. — '*' means sample could not		Highly to moderate	ly weat	13.00m			ACH D	IVN.	= 150	em.	R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16	CR=40% RQD=NIL 13.75 CR=48% RQD=NIL 14.50 CR=52% RQD=NIL 15.25 CR=53% RQD=NIL 16.00 CR=40% RQD=NIL 16.75 CR=52% RQD=NIL 17.50 CR=54% RQD=NIL 19.00 CR=42% RQD=NIL 19.00 CR=42% RQD=NIL 19.75 CR=43% RQD=NIL 20.50 CR=25% RQD=NIL 21.25 CR=32% RQD=NIL 22.00
23 R19 CR=34% RQD=NIL 24 R20 CR=41% RQD=NIL 25 N.B. — '*' means sample could not						Щ						22,75
24 R20 CR=41% RQD=NIL R20 N.B. — '*' means sample could not											R18	23.50
N.B. — '*' means sample could not						<u> </u>					R19	CR=34% RQD=NIL 24.25
				25.00m							R20	CR=41% RQD=NIL 25.00
BH-23/Sh			s sam	ple could not								BH-23/Sheet-2

Project : Geotech.	Inv. wor	k for Prop	o. 1 x 6	00 MW S	↓ STPP	at S	inga	reni,	Adi	labad,	Telengana	CETES
Job No : 3576		Created	d by:	Char	ndra	ani	Cre	ate	d o	n: 2		5 Sheet No:
BORE LOG	DATA	SHEE	$T \mid$	B0	RE	H	OL	E]	NO	. 24	L Co-	ordinates
Field Test	Nos	Sa	mples		No	SI				nt Date		10/15
Penetrometer (SPT)	9	Undistur	bed (U	IDS)	2		•			Date ameter		′10/15 mm. / N.X.
Cone (Pc)		Penetror	neter ((SPT)	9	- 1				round		.609 m.
		Disturbe	d (DS)		1	1 _W	/ate	r S	trud	ck At	:	
Vane (V)		Water Sc	ample	(WS)	<u> </u>	S				r Level	: 1.1	
DESC	CRIPTION	1		SYMB	OL	FACL		-VAL		15cm	Ref. No	SAMPLES Depth (m)
			0.00m						Ī		1101. 110	Dopen (III)
											DS-1	0.50
Very stiff, silty	y clay	/ with	sand								D3 1	0.30
mixture.						8 11	13	24	1		SPT-1	1.00-1.45
			- 1.60m	1./	\Box						DS-2	1.60
											UDS-1	2.00-2.45
Hard, greyish bro	own, si	lty clay.	Obs.		\backslash				,		DS-3	2.70
sand mixture.						12 18	23	4	-		SPT-2	3.00-3.45
											DS-4	3.75
		4.00										
		- 4.20m								UDS-2	4.00-4.45	
								5	7		DS-5	4.70
						1723	34				SPT-3	5.00-5.45
											DS-6	5.70
				1,7,		1007		<u>68</u>	<u>3</u>		CDT 4	6.00 6.45
						1927					SPT-4	6.00-6.45
								96	<u> </u>		DS-7	6.60
						21 44	52	3	<u> </u>		SPT-5	7.00-7.45
Hard, light grey, mixture.	silty c	lay. Obs.	sand								DS-8	7.60
							_	98	<u>3</u>		CDT C	9.00 9.45
				' '	`. 1	24 41	3/				SPT-6 DS-9	8.00-8.45 8.60
								×10	00		D3-9	8.00
				11/1		31 47				l l	SPT-7	9.00-9.35
							5.0			enth.	DS-10	9.70
					`],	48 100		<u> </u>	<u> </u>		SPT-8	10.00-10.25
							10.0) þn	n P	entn.	DS-11	10.60
			11.00m	\ \ \ \		03		<u> > 10</u>	<u>00</u>		SPT-9	11.00-11.0811.0
						74	8.0) kn	n P	entn.	R1	CR=40% RQD=NIL
Highly to moderate	ly weat	hered, bro	ownish					. J.	119		- · ·	RQD=NIL 11.
grey to blackish g fractured rock.					丩		1 1	r dril n to		from 00m	R2	CR=47% RQD=27%
indictured rock.					귀							12,
			13.00m		Щ						R3	CR=40% RQD=NIL
				1	*		1					BH-24/Shee

	nv. wor	k for Prop. 1 x 6								
Job No : 3576	\ A [T] A	Created by:			•					F_/ \77.000
BORE LOG D	ATA	SHEET	BO	KE_	HOI					N=(-)136.000
Field Test	Nos	Samples		Nos			ement ion [10/15 10/15
Penetrometer (SPT)	9	Undisturbed (U		2		•	Diar			mm. / N.X.
Cone (Pc)		Penetrometer (SPT)	9	1		f Gro			.609 m.
Vane (V)		Disturbed (DS)	(MC)	11 0	1		truck			
		Water Sample		Ť		uing −VAL	Water UF	Levei	: 1.1	SAMPLES
DESC	RIPTION	1	SYMB	OL EA	ACH D			ōcm.	Ref. No	1
Highly to moderately grey to blackish gr fractured rock.									R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15	13.25 CR=40% RQD=NIL 14.00 CR=48% RQD=NIL 14.75 CR=41% RQD=NIL 15.50 CR=42% RQD=NIL 17.00 CR=37% RQD=NIL 17.75 CR=40% RQD=NIL 17.75 CR=40% RQD=NIL 17.75 CR=42% RQD=NIL 19.25 CR=45% RQD=NIL 19.25 CR=45% RQD=NIL 20.75 CR=27% RQD=NIL 21.50 CR=36% RQD=NIL 22.25
									R16	CR=34% RQD=NIL 23.00
				4					R17	CR=37% RQD=NIL 23.75
Moderately weathered, to blackish grey, m	browr edium	ish grey 24.50m grained, 25.00m	1 11						R18 R19	CR=50% RQD=NIL 24.50 CR=54% RQD=NIL 25.00
fractured rock.		23.33111								BH-24/Sheet-

Г	Project : Geotech.	nv. wor	·k for Prop. 1 x 6	SOOMW S	TPP	at S	inga	reni.	Adilaha	d. T	elengana	C=T	=GT
t	Job No : 3576		Created by:									Sheet No	:
	BORE LOG I)ATA	SHEET	BO	RE	H	OLI	E N	10.	25	Co-o	rdinates <mark>E=(-</mark> N=(-	·}77.000 }217.000
	Field Test	Nos	Samples		No	S			ment De			0/15	
ľ	Penetrometer (SPT)	6	Undisturbed (L	JDS)	2	- 1	•		on Da Diame			0/15 mm. / N.X	
	Cone (Pc)		Penetrometer		6	L			Grour			727 m.	
	Vane (V)		Disturbed (DS) Water Sample		5 0	'			ruck .			~	
L			·		Ť			ng w -VALL	ater Le JE	vei T		SAMPLES	
	DESC	RIPTION	\	SYMB		EACH				m.	Ref. No	Depth (ı	m)
			0.00m								DS-1	0.50	
	Very stiff, deep	grey	y, silty clay			5 5 7	9	16			SPT-1	1.00-1.4	45
	with kankars mix sand.										DS-2	1.75	
											UDS-1	2.00-2.4	45
L			2.80m								DS-3	2.80	
	Very stiff, yello clay with kankars m					6 9	13	22			SPT-2	3.00-3.4	45
_	nodules.		4.00m								DS-4 *UDS-2	3.80 4.00-4.0	08
▶	Hard, yellowish with decomposed ro		n, silty clay		1	¥5 100	5.0	<u>10 </u> رسم (<u>0</u> Pentr <u>0</u>	ղ.	SPT-3	4.50-4.7	⁷⁰
_			5.25m		À,	00	9.0		<u>0</u> Pentr		DS-5 SPT-4 R1	5.00 5.25-5.34 CR=40%	5.25
	Highly weathered medium grained, h											RQD=NIL	6.00
_			6.75m	╠ ╌ ╌┤ ╇╤╧═┪			1 1		ng froi 5.00m	m	R2	CR=37% RQD=NIL	6.75
											R3	CR=36% RQD=NIL	7.50
	Highly weathered,	deep	grey, medium		Щ						R4	CR=34% RQD=NIL	8.25
	grained, highly frac	tured i	rock.								R5	CR=37% RQD=NIL	
											R6	CR=32% RQD=NIL	9.00
			———— 9.75m								R7	CR=35% RQD=NIL	9.75
											R8	CR=40% RQD=NIL	10.50
	Highly to moderat yellowish grey, med highly fractured roc	dium t									R9	•	11.25
		. 										CR=48%	12.00
			47.00								R10	RQD=NIL	12.75
L			13.00m		<u> </u>							BH-25.	✓ ∕Sheet-1

Pr	oject :	Geotech. In	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at :	Singa	aren	i, <i>I</i>	Adila	abad,	Tele	ngana		CET	EST	
	b No:	3576	A (T) A	Created by:			-							ľ		eet No:	77.000	
	BORE	LOG D	ATA	SHEET	BO	KE		OL				2			rdinat	res N=(-)	217.000	
	Field	Test	Nos	Samples		No)S					: Dat Date			10/15 10/15			
Pe	enetrome	ter (SPT)	6	Undisturbed (U	DS)	2	- 1					mete				, / N.X.		
	ne (Pc)			Penetrometer ((SPT)	6						ound			727 n			
				Disturbed (DS)		5	· v	Vate	er :	Str	uc	k A	t :					
Va	ine (V)			Water Sample	(WS)	<u> </u>	<u> </u>					Leve	el :	2.4				
		DESCF	RIPTION		SYMB	OL	-		_VA				 		SAMPL	_ES epth (m	2)	
				13.00m			EAC	ע פ	IVN	. = 	=	ocm 	i. Re	f. No	<u> </u>	•	' Į	
				10.00111	\Box	`								R11	ŘQ	=46% D=NIL		
						<u></u> ∐∐									CB	=56%	13.50	
														R12	ŘQ	D=NIL		
						ТΊ									CR		14.25	
					┝┞	┧								R13	ŘQ	R=60% D=NIL	_	
					H + H	╣								D4.4	CR	=47%	15.00	
						Щ								R14	ŘQ	D=19%		
_{Hi}	ahly to	moderate	elv we	athered, light										D1 E	CR	=60%	15.75	
ye	:llowish (grey, med	iúm to	o fine grained,	ПП	\prod								R15	ŘQ	D=21%		
hi	ghly frac	tured rock	k.		┝╫╌╅	┧								D4.0	CR		16.50	
					┟┼┼	ᅫ								R16	ŘQ	2=38% D=NIL	, ,	
						Щ								D17	CR	=56%	17.25	
•						Ш								R17	ŔQ	D=NIL	18.00	H
														R18	CR	=48%	18.00	
						7								KIO	RQ	D=NIL	† 18.75	
					╁┶╁	ᅦ								R19	CR	=45%		
				19.50m		Щ								1(15	RQ	D=NIL	19.50	
						Щ								R20	CR	R=NIL		
				edium grained, d rock particles			51		4	<u> 10</u>	2		5	PT-5		D=NIL 5-20.32	20.25	
		as sludge.		a room partitions				7.				nth.		R21		R=NIL D=NIL		
				21.00m	ΪŦ¥	ゴ !	53		Ret	tus	<u>al</u>		*S	PT-6		10-NIL 1-21.03	21.00	
				ight yellowish	┞┖╌╀┯┖╴	ᅢ		3.	0 6	m	Рe	nth.		R22		2=45% D=NIL		
	ey, mea ck.	ium grain	nea, n	ighly fractured 21.75m	<u> </u>	<u> </u>									1,0		21,75	
						⇉								R23	CR RO	2=53% D=NIL		
															'``		22,50	
						Ц								R24	CR RO	2=56% D=NIL		
			ight yellowish											'``		23,25		
	ey, med ck.	ıum grain	ned, h	ighly fractured		\dashv								R25	CR	=52% D=NIL		
						ightharpoonup											24,00	
						Щ								R26	CR	2=51%		
						Д									RQ	DĒNIL	<u> </u>	
				25.00m	┞											2	25:00	
N.	.B '*	' means	samı	ole could not														
	recover		• • • • • • • • • • • • • • • • • •															
					Page	1	/ 0 17			1		- 1	1		·	BH-25/	Sheet-2	

Project : Geotech.	Inv. wor									CETES
Job No : 3576		Created by:								F (\77.00
BORE LOG	DATA	SHEET	BO	RE	H	OLE		10. 20	6 Co-o	rdinates E=(-)77.00 N=(-)176.00
Field Test	Nos	Samples		No	SI			nent Date		0/15
Penetrometer (SPT)) 9	Undisturbed (L	JDS)	2		•		on Date Diameter		0/15 mm. / N.X.
	,	Penetrometer ((SPT)	10	. I			Ground		363 m.
Cone (Pc)		Disturbed (DS)		10				ruck At		
Vane (V)		Water Sample	(WS)	0	S	tandir	ng Wo	ater Level	: 1.55	m.
DESC	CRIPTION	J	SYMB	BOL-			VALL			SAMPLES
					EACH	l DIV	'N. =	= 15cm.	Ref. No	Depth (m)
		0.00m					4.7		DS-1	0.50
Very stiff, brown with sand mixture.					4 6	11	<u>17</u>		SPT-1	1.00-1.45
with Sund Inixture.	OD2. 1	usty spots.							DS-2	1.75
									UDS-1	2.00-2.45
		2.80m	1/2/2	$\langle \cdot \rangle$			31		DS-3	2.80
Hard, yellowish	browr	n, silty clay.			9 12	19	31		SPT-2	3.00-3.45
		3.50m							DS-4	3.75
Dense, yellowish	brown	n, silty sand.					41		*UDS-2	4.00-4.45
					9 18	23			SPT-3	4.50-4.95
		5.25m	ı. 						DS-5	5.25
, , ,	• 1 1	•11			12 32		210 cm	<u>U</u> Penth.	SPT-4	5.50-5.86
Very dense, yellow	ısh bro	wn, silty sand.					×10		DS-6	6.20
		0.00			38 100				SPT-5	6.50-6.71
Hard, greyish bro	own, si					6.0	cm	Penth.	DS-7	7.00
decomposéd rock.		7.50m			00		<u> 10</u>	<u>o</u>	SPT-6	750 759 75
		7.3011	` -}-}-	<u> </u> '	00	8.0	cm	Pentn.	R1	7.50-7.58 7.5 CR=38% RQD=NIL
				Ĭ			A:113	ng from	R2	8.2 CR=29% RQD=NIL
				<u> </u>		1 F		5.00m	R3	9.00 CR=30% RQD=NIL
Highly to moderate grey to greyish bi									R4	9.7 CR=40% RQD=NIL
grained, completely									R5	10.56 CR=48% RQD=NIL
									R6	11.25 CR=46% RQD=NIL
									R7	12.00 CR=44% RQD=NIL
		13.00m								12.7
		. 2.0 2111	1	+					l	BH-26/Shee

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPI	o at	Sing	arei	ni, A	Adilal	oad,	Teler	ngana	C=1	rest
	Job No : 3576		Created by:	Char	ndr	ani	Cr	eat	ed	on	: 2	29/10	_		
	BORE LOG D	ATA	SHEET	B01	RE	H	HOI							N=(->77.000 ->176.000
	Field Test	Nos	Samples		No	os				nent on D				0/15 0/15	
	Penetrometer (SPT)	9	Undisturbed (U	IDS)	2	2		•		Diam				mm. / N.)	κ.
	Cone (Pc)		Penetrometer ((SPT)	1	0	Lev	el (Эf	Gro	und	:		363 m.	
			Disturbed (DS)		1	·				uck					
	Vane (V)		Water Sample	(WS))				ter I	_evel	:	1.55		
	DESC	RIPTION	1	SYMB	OL	FΔ(CH [cm	Ref	. No	SAMPLES Depth ((m)
•			13.00m							Ť			R8	CR=45%	7
	Highly to moderately	y weat	hered, brownish		Н								KO	ŔQDĖŇĬĹ	13.50
	grey to greyish brograined, fractured re	wn, fi			귀								R9	CR=42% RQD=NIL	1 1
	graffied, fractured re	JCK.	14.25m		Щ									RQD=NIL	14.25
													R10	CR=40% RQD=NIL	1 1
				$\prod \prod$	Ĭ									KQD=NIL	15.00
	Liably weathered by	ام: مست	a aray maadiyma		1								R11	CR=36% RQD=32	1 1
	Highly weathered, br to coarse grained,				┧									NQD-32.	15.75
	rock.			$\parallel \perp \downarrow \perp$	귀								R12	CR=40% RQD=20	
					Щ										16,50
				Ш									R13	CR=33% RQD=08	%
			———— 17.25m	++	+										17,25
•					TĪ			Re	fus	<u>al</u>			R14 S_8_	CR=NIL RQD=NIL	. ↓ 🗲
				┞┯₩	<u>Н</u>	50				Pen		*ŠŘ	3T-7	18.00-18.0	418.00
				HHH	Щ		4		fus	- 1	uri.		R15	CR=NIL RQD=NIL	. ↓
				H	Щ	50		.0	cm.	Pen	+h			18.75–18.7	1 1
					\coprod						u 1.		R16	CR=38% RQD=38	
	Completely to highly grey, medium to coar													CR=29%	19.50
	fractured rock.	9. u	,										R17	ŘQD≟ŇíĽ	V 1
					Н								D10	CR=30%	20.25
					Н								R18	CR=30% RQD=NIL	21.00
					귀								R19	CR=NIL RQD=NIL	1 1
					Щ	50		Re	fus	<u>al</u>		D.S	S-9 l	RQD=NIL 21.75-21.7	7 1
							4			Pen	tn.		R20	CR=NIL RQD=NIL	1 1
			22.50m		I	50		<u>Re</u>	fus	<u>al</u>		l DS	:−10 l	22.50-22.5	1 1
							4	.lo	cm	Pen	tn.		R21	CR=38% RQD=NIL	1
	Highly weathered, to medium grained,				┧									NQD-ML	23.25
	to meatum grainea,	mucil	n c u TUCK.	$\parallel \perp \parallel \perp$	ᅫ								R22	CR=33% RQD=NIL	
}			24.00m		Щ										24.00
	Moderately weathe fine to medium				Щ								R23	CR=60% RQD=NIL	
	rock.	g. ~ vi i			H									KQD=NIL	▼
			25.00m												25.00
	N.B. — '*' means	sam	ple could not												
	be recovered.														
_				Page	1	/ 2 '	70							BH-26	S/Sheet-2

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana Job No: 3576 Created by: Chandrani Created on: 29/10/2015 Sheet No: BORE LOG DATA SHEET BORE HOLE NO. 27 Co-ordinates = (-)77.000 N=(-)136.000													
	A (T) A	•											
BORE LOG D.	ATA			ROI	(E								
Field Test	Nos	Sar	nples		Nos	1			ent Date n Date		10/15		
Penetrometer (SPT)	5	Undisturb			2	1)iamete		mm. / N.X.		
Cone (Pc)		Penetrom		· · ·	5	1			Ground		56 m.		
/ane (V)		Disturbed			5				uck At				
varie (v)		Water Sc	imple	(WS)	0	5t		g wa /ALUI	ter Leve -	l: 1.5 │	m. SAMPLES		
DESCR	IPTION	l		SYMB		ACH			- 15cm	. Ref. No	Depth (m)		
			0.00m							DS-1	0.50		
					9	12	13	<u>25</u>		SPT-1	1.00-1.45		
										DS-2	1.75		
	dium dense, yellowish grend.									*UDS-1	2.00-2.45		
sand.					1	113	16	29		SPT-2	3.00-3.45		
									DS-3	4.00			
			5.10m							*UDS-2	4.50-4.95		
Hard, brownish gre	ey, si		Obs.		118	3 31	100 5.0		Pentn.	SPT-3 DS-4	5.50-5.85 6.00		
vellowish patches.					2	3 100	4	<u> 100</u>	<u>'</u>	SPT-4	6.50-6.72		
							7.0	cm	Pentn.	DS-5	7.00		
			7.50m			d	8.0	>100 cm	Pentn.	SPT-5 R1	7.50-7.58 7.5 0 CR=28% RQD=NIL		
					N		tary Om t		g from .00m	R2	CR=30% RQD=NIL 9.00		
										R3	CR=27% RQD=NIL 9.79		
Highly weathered, liggrey, fine grained					Щ					R4	CR=32% RQD=NIL 10.50		
-										R5	CR=34% RQD=NIL		
										R6	CR=30% RQD=NIL		
					- -					R7	12.00 CR=28% RQD=NIL		
											12.7		

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	Project : Geot	ech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓	t Sine	vareni	. Adil	abad.	Telengana	C=T=51	
	Job No : 3570		2277 1102	Created by:							_	Sheet No:	
	BORE LO	G D	ATA	SHEET	BO	RE				. 27		rdinates E=(-)77.000 N=(-)136.000	<u>)</u>
	Field Test		Nos	Samples		Nos				: Date Date		0/15 0/15	
	Penetrometer (S	SPT)	5	Undisturbed (U		2	1	•		meter		mm. / N.X.	
	Cone (Pc)			Penetrometer ((SPT)	5	Lev	el O	f Gr	ound	: 140.5	56 m.	
	Vane (V)			Disturbed (DS)	4	5				k At			
	vane (v)			Water Sample	(WS)	0				Level			4
	Γ	ESCF	RIPTION	1	SYMB			N-VA		5am	Ref. No	SAMPLES Depth (m)	4
				13.00m		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				JCIII.	R8	CR=31% RQD=NIL	-
											R9	13.50 CR=34% RQD=NIL	
											R10	14.25 CR=36% RQD=NIL 15.00	
	Highly weathere grey, fine gr			ey to yellowish actured rock.							R11	CR=37% RQD=NIL 15.75	
											R12	CR=40% RQD=NIL 16.50)
					<u> </u>						R13	CR=38% RQD=NIL 17.25	5
→				18.00m							R14	CR=36% RQD=NIL 18.00)
											R15	CR=40% RQD=NIL 18.75	5
											R16	CR=42% RQD=NIL 19.50)
	Highly to mode	rately	y weatl	hered, brownish							R17	CR=40% RQD=NIL v 20.25	5
	grey, fine gr	aine	d, fro	actured rock.							R18	CR=45% RQD=NIL 21.00)
											R19	CR=41% RQD=NIL v 21.75	5
											R20	CR=52% RQD=NIL 22.50)
				23.25m		긛					R21	CR=50% RQD=NIL 23.25	5
	Moderately we										R22	CR=53% RQD=NIL 24.00)
	fine grained, fr	actur	ed roc	ck. 25.00m							R23	CR=56% RQD=NIL 25.00	
				25.00111	1							23.00	
	N.B. — '*' mobe recovered.	eans	samı	ple could not									
												BH-27/Sheet-	2

Project : Geotech. I	nv. wor	k for Prop. 1 x 6	OOMW S	STPP	at S	ingaı	eni.	Adilal	oad.	Telengana	CET	'=ST
Job No : 3576		Created by:								12/10/2015		
BORE LOG D	ATA	SHEET	BO	RE	H	OLI	E 1	10.	28	B Co-o	rdinates E=(- N=(-	-}237.000 -}262.000
Field Test	Nos	Samples		No	SI			ment			10/15	
Penetrometer (SPT)	4	Undisturbed (L	JDS)	1	- 1			on D Diam			10/15 mm. / Ν.>	ζ.
Cone (Pc)		Penetrometer	(SPT)	4				Gro			327 m.	
		Disturbed (DS)		4	- 1			ruck				
Vane (V)		Water Sample	(WS)	<u> </u>	St			ater I	_evel			
DESC	RIPTION	1	SYMB		FACH		-VALI /N .		cm.	Ref. No	SAMPLES Depth (m)
		0.00m		₹					<u> </u>			
										DS-1	0.50	
							18				0.00	
Very stiff, yello	owish	arev. siltv			6 8	10	10	1		SPT-1	1.00-1.	45
clay with sand m	ixture.	Öbs. kankar.								DS-2	1.50	
										LIDC 1	0.00	4.5
										UDS-1	2.00-2.	45
		3.00m					30			DS-3	2.70	
Hard, deep grey	/ sil			$\langle \cdot \rangle_1$	013	17				SPT-2	3.00-3.	45
sand & kankars.	,	cy cray with					<u>>10</u>			DS-4	3.60	
Very dense, yello	owish	brown, silty			20 50	5.0		Penti		SPT-3	4.00-4.	20
sand.		4.50m	II	 5	50		Refu			SPT-4	4.50-4.57	4,50
				Н		7.d	cm	Peht	n.	R1	CR=33% RQD=13%	
			\parallel	\Box								5 25
						l ľ		ng fr		R2	CR=31% RQD=NIL	,
					4.5	0m	to 2	5.00m 	'		CD-77%	6,00
										R3	CR=33% RQD=21%	7 1
Highly to moderately										D.4	CR=35%	6.75
brown, coarse to me to moderately fracti			╠ ┯┶┯┶							R4	RQD=16%	7 1
,,,,,			$H \rightarrow H$	\dashv						R5	CR=40%	7.50
				ᅰ						INO	RQD=36%	8.25
				Щ						R6	CR=56% RQD=48%	
											KQD-46%	9.00
			\coprod							R7	CR=36% RQD=23%	
		9.75m										9.75
										R8	CR=67% RQD=25%	. ↓
												10,50
Moderately to s	lightl	y weathered,								R9	CR=72% RQD=56%	
yellowish brown, graind, highly to r				Щ								11,25
rock.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	atory madianea		Н						R10	CR=68% RQD=50%	7 1
				H						R11	CR=80%	12.00
										KII	RQD=79%	12.75
		13.00m										\downarrow
				1							BH-28	3/Sheet-1

1	Project : Geotech	h Inv wo	rk for Prop. 1 x 6	OOMW S	TPP a	t Sino	areni	Adila	had	Telengana	CETECT	
	Job No : 3576	11. 111v. WO	Created by:								Sheet No:	
	BORE LOG	DATA				HOI	Œ	NO.	28	3 Co-o	rdinates E=(-)237.000 N=(-)262.000	
	Field Test	Nos	Samples		Nos	1		ement :ion			0/15 0/15	
	Penetrometer (SP	T) 4	Undisturbed (U		1	Bore	Hole	e Diar	meter	: 150	mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	4	1		f Gro			327 m.	
	Vane (V)		Disturbed (DS)	(MC)	4 0	1		Struck				
	74110 (7)		Water Sample		Ť		uing I–VAl	Water UF	Levei		SAMPLES	
	DE:	SCRIPTIO	N	SYMB					5cm.	Ref. No	Depth (m)	
			13.00m							R12	CR=56% > RQD=36% >	
										R13	13.50 CR=65% RQD=44%	
										R14	14.25 CR=72% RQD=NIL 15.00	
										R15	CR=62% RQD=13% 15.75	
										R16	CR=44% RQD=21% 16.50	
										R17	CR=60% RQD=21% 17.25	
→										R18	CR=73% RQD=60% 18.00	+
	Moderately to yellowish brown	slightl	y weathered,		I					R19	CR=72% RQD=39% 18.75	
	graind, highly to									R20	CR=54% RQD=16% 19.50	
										R21	CR=47% RQD=24% 20.25	
										R22	CR=57% RQD=54% 21.00	
					I					R23	CR=69% RQD=37% 21.75	
										R24	CR=48% RQD=19% 22.50	
										R25	CR=48% RQD=18% 23.25	
									R26	CR=77% RQD=44% 24.00		
										R27	CR=62% RQD=21% _{24.75}	
			25.00m							R28	CR=78% RQD=NIL 25:00	
					<u> </u>						BH-28/Sheet-2	

Project : Geotech	. Inv. wor	k for Prop. 1 x 6	OOMW S	↓ STPP	at S	ingar	eni. Ad	ilabad.	Telengana	CETEST
Job No : 3576		Created by:							_	Sheet No:
BORE LOG	DATA	SHEET	B0	RE	H	OLE	NO). 29	9 Co-o	rdinates E=(-)237.000 N=(-)177.000
Field Test	Nos	Samples		Nos	3			nt Date Date)9/15)9/15
Penetrometer (SP1	r) 4	Undisturbed (L	JDS)	2				iameter		mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	4	- 1			round		147 m.
		Disturbed (DS)		5	w	ater	Stru	ick At	:	
Vane (V)		Water Sample	(WS)	1	St			er Leve		
DES	CRIPTION	J	SYMB				VALUE			SAMPLES
		0.00		<u> </u> E	ACH		'N. =	15cm.	Ref. No	Depth (m)
		0.00m					8		DS-1	0.50
Stiff, deep grey, of sand.	silty cl	ay with traces	// /		3 4	4			SPT-1 WS-1 DS-2	1.00-1.45 1.20 1.70
									UDS-1	2.00-2.45
		3.00m					23		DS-3	2.80
Medium dense,	brownis			8	3 10	13			SPT-2	3.00-3.45
sand.		4.00m					<u> </u>		DS-4 *UDS-2	3.75 4.00-4.08
Very dense, ye sand.	llowish	brown, silty		1	7 50	7.0	cm Pe	entn.	SPT-3 DS-5	4.50-4.72 4.80
		5.00m		1:::1	o		Refusa cm Pe		SPT-4 R1	5.00-5.07 5.00 CR=22% RQD=NIL
						I F	drilling to 25.0	g from	R2	5.75 CR=24% RQD=22% 6.50
Highly weathers				-					R3	CR=21% RQD=NIL 7.25
fractured rock.	3 ,	,		\square					R4	CR=28% RQD=NIL 8.00
									R5	CR=21% RQD=NIL 8.75
		9.50m							R6	CR=23% RQD=NIL 9.50
				$\prod_{i=1}^{n}$					R7	CR=45% RQD=42% 10.25
Moderately weath medium grained, fractured rock.				++-					R8	CR=46% RQD=44% 11.00
		11.75m							R9	CR=55% RQD=52% 11.75
Highly weathers	e grain	owish brown, ed, highly to		ŢĮ.					R10	CR=23% RQD=21% 12.50
moderately fractur	ea rock.	13.00m		H					R11	CR=22% RQD=21% ~
			•	1						BH-29/Sheet

[Project : Geote	ch. Inv. wo	rk for Prop. 1 x 6	00MW S	TPP	at Si	ngarei	ni. Adi	ilabad.	Telen	gana	CETEST
	Job No : 3576		Created by:									
	BORE LOG	DATA	SHEET	BO	RE	HC	LE	NC). 29	9	Co-or	rdinates E=(-)237.000 N=(-)177.000
	Field Test	Nos	Samples		Nos	1			nt Date			9/15
İ	Penetrometer (S	PT) 4	Undisturbed (U	IDS)	2	1	•		Date ameter		30/0 150	mm. / N.X.
	Cone (Pc)		Penetrometer ((SPT)	4	1			round		141.1	47 m.
	Vane (V)		Disturbed (DS) Water Sample	(WS)	5 1	1			ck At er Level		1.2 r	m
	· ·	FOODIDTIO	· ·			1 310		ALUE	i Level	· .		SAMPLES
	D	ESCRIPTIO		SYMB	OL E	ACH	DIVN	. =	15cm.	Ref.	. No	Depth (m)
			13.00m							1	R12	13.25 CR=36% RQD=34%
										i	R13	14.00 CR=24% RQD=NIL 14.75
	medium to fi moderately fract	ne grair									R14	CR=39% RQD=NIL 15.50
										1	R15	CR=57% RQD=20% 16.25
			17.00m							1	R16	CR=22% RQD=NIL 17.00
•										[R17	CR=57% RQD=55% 17.75
										1	R18	CR=36% RQD=18% 18.50
				┞ ╶ ╏╌ ┃ ┃ ┃	_ 					1	R19	CR=29% RQD=28% 19.25
	Highly to moder	atoly woo	borod vollowich							1	R20	CR=41% RQD=13% 20.00
	Highly to moder brown, medium to moderately fr	to fine	grained, highly							1	R21	CR=44% RQD=NIL 20.75
										İ	R22	CR=48% RQD=NIL 21.50
										i	R23	CR=57% RQD=NIL 22.25
			23.00m							1	R24	CR=44% RQD=NIL 23.00
	Slightly weath	ered, ye	llowish brown,		<u> </u>					1	R25	CR=58% RQD=56% 23.75
	medium to fine rock.										R26	CR=68% RQD=64% CR=77% 24.50
			25.00m								R27	CR=77% 24;00 RQD=64% 7 25.00
	N.B. — '*' me be recovered.	ans sam	ple could not									EU 20 (St.) 5
					I -							BH-29/Sheet-2

ſ	Project : Geotech. I	nv. wor	k for Prop	1 x 6	00MW S	↓	at S	inga	reni.	Adila	had.	Telengana	C=	T=ST
	Job No : 3576		_									23/10/2015		
	BORE LOG D	ATA	SHEE	T	BO	RE	H		E I	NO.	30	O Co-o	rdinates [=(N=(-)277.000 -)217.000
	Field Test	Nos	Sar	mples		No	SI			ment on [10/15 10/15	
Ì	Penetrometer (SPT)	4	Undisturb	oed (U	DS)	1	- 1	•		Dian			mm. / N.	x.
	Cone (Pc)		Penetrom		(SPT)	4	-			Gro			598 m.	
	Vane (V)		Disturbed Water Sc		(WS)	4 0	''			truck /ater			m	
	DECO			трис					-VAL				SAMPLES	
	DESCR	RIPTION			SYMB		EACH	l Di	VN.	= 15	cm.	Ref. No	Depth	(m)
				0.00m					8			DS-1	0.50	
	Loose, yellowish / sandy silt.	grey	, silty	sand			2 3	5				SPT-1 DS-2	1.00-1 1.60	
												UDS-1 DS-3	2.00-2 2.60	
				3.00m			50		<u> </u>	00		SPT-2	3.00-3	
	Very dense, browni	sh gr	ey, silty	sand.			50		<u> </u>			DS-4 SPT-3	3.70 4.00-4	1
				4.50m			50		<u>Refu</u>	n Per <u>sal</u> n Per		SPT-4 R1	4.50-4.56 CR=22% RQD=NIL	4.50
•										ling f		R2	CR=28% RQD=NIL	5.25 6.00
							4.	50m	to 3	50.00n	n	R3	CR=23% RQD=NIL	6.75
												R4	CR=24% RQD=NIL CR=25%	7.50
						4						R5 R6	RQD=NIL CR=21%	8.25
												, Ko	RQD=NIL	9,00
	Highly weathered											R7	CR=36% RQD=NIL	9 _. 75
	medium to fine o moderately fractured			/ to								R8	CR=21% RQD=NIL	10.50
												R9	CR=25% RQD=NIL CR=22%	11,25
												R10	RQD=NIL	12,00
												R11	CR=39% RQD=28%	12.75
												R12 R13	CR=32% RQD=13% CR=25% RQD=NIL	13.50
														14.25
												R14	CR=24% RQD=20% CR=21%	15,00
Į			1	5.50m		<u> </u>						R15	CR=21% RQD=NIL BH-3	60/Sheet-1

Γ	Project : (Geotech. Iı	nv. wor	k for Prop. 1 x 6	00MW S	↓ TPP	at Si	ngarei	ni, Ad	ilabad,	Telengana	CETES1	П
Į	Job No : 3	3576		Created by:	Char	ndra	ni	Creat	ed o	on :			֡֟֝֟ <u>֚</u>
	BORE I	LOG D	ATA	SHEET	BO	RE		LE				ordinates	0
	Field T	est	Nos	Samples		No	SI			nt Date Date		10/15 10/15	
Ī	Penetromete	r (SPT)	4	Undisturbed (L	DS)	1	- 1			i Date iamete		mm. / N.X.	
	Cone (Pc)			Penetrometer (SPT)	4	Le	vel (Of G	round	: 141	.598 m.	
	Vane (V)			Disturbed (DS)	(1110)	4				ick At			
ŀ	varie (v)			Water Sample	(WS)	0	Sto	naing N-V		er Leve	l: 2.3	m. SAMPLES	+
		DESCR	RIPTION	l	SYMB	아뉴	EACH				Ref. No	1	
Ī				15.50m								15.75	
											R16	CR=24% RQD=NIL	
				wnish yellow,								16.50	
	measum to moderately			d, highly to							R17	CR=28% RQD=NIL 17.25	
						$\overline{}$					R18	CR=25% RQD=NIL	1
}	Highly wa	atheroo	1 401	18.00m lowish grey,	 	H						18.00 CR=28%	
	fine graine	ed, high	nly fr	actured rock. 18.75m							R19	RQD=NiL	_
				16.75111		Щ					R20	CR=44% RQD=31%	1
												19.50	
					Щ	Ш					R21	CR=25% RQD=NIL 7	
											R22	CR=27% RQD=NIL	'
•												21.00	•
											R23	CR=21% RQD=NIL	_
					<mark>╟┯┖┯</mark> ╁						R24	21.75 CR=47% RQD=13% V	9
					┝┺┵┯┺	╁╢						22,50	
	Highly to m	oderately	v weatl	nered, brownish	\prod	Щ					R25	CR=33% RQD=NIL V	_
		dium toʻ	fine q	grained, highly		Щ					R26	23.25 CR=47%	
	to moderate	ily ITacta	red ro	ck.								RQD=14%	ו
						Ш					R27	CR=39% RQD=27%	_
											R28	24.75 CR=43%	9
											5	ŘQD=28% † 25,50	
											R29	CR=48% RQD=18%	_
					<mark>╟┯┖┯</mark> ┤┤	\exists					R30	26.25 CR=43% RQD=35%	
					┟ ┤ ┼	┼╢						27,00	
						Щ					R31	CR=33% RQD=NIL	_
				28.00m		Щ					R32	27.75 CR=45%	9
	Moderately was					_					132	RQD=13% 28.50	
 	<u> </u>				Щ						R33	CR=45% RQD=25%	
	brownish yel	llow, med	dium t	weathered,o fine grained,	$ \ ^{-}$						R34	29.25 CR=68%	٥
	moderately	fractured	rock.	30.00m		Щ					11.54	RQD=45% 30.00	
					Page	1	/ 272				•	BH-30/Sheet-	- <u>2</u>

Project : Geotech.	Inv. wor	k for Pron	o. 1 x 6	OOMW S	TPP	at	: Si	ingai	eni.	Adil	abad.	Telengana	CETES'
Job No : 3576							_					29/10/2015	
BORE LOG	DATA	SHEE	T	BO	RE	.]	H(OLI	E l	10	. 3	1 Co-o	rdinates E=(-)329.00 N=(-)262.00
Field Test	Nos	Sa	mples		No	s					t Date		0/15
Penetrometer (SPT)) 5	Undistur	bed (U	DS)	2	2		•			Date meter		0/15 mm. / N.X.
Cone (Pc)		Penetror	neter (SPT)	5	;					ound		74 m.
		Disturbe	d (DS)		4	-	W	ate	- St	ruc	k At	:	
Vane (V)		Water S	ample	(WS)	1		St				Level		
DESC	CRIPTION	1		SYMB	OL	ΕΛ	<u>СП</u>		VALI		5.cm	Ref. No	SAMPLES Depth (m)
			0.00m	. 1::1 1::1		Ĩ				 		1(01. 140	- Boptii (iii)
												DS-1	0.50
						2	3	4	Z			SPT-1	1.00-1.45
Loose, yellowis	h grey	, silty	sand									DS-2	1.70
/ sandy silt.												*UDS-1 WS-1	2.00-2.45 2.10
									8			DS-3	2.60
						2	4	4				SPT-2	3.00-3.45
			- 3.45m									DS-4	3.65
Dense, brownish	yello	w, silty	sand						39			*UDS-2	4.00-4.09
/ sandy silt.			F 00				17	22	<u>>10</u>	0		SPT-3	4.50-4.95
Dense, brownish ye	ellow, s	ilty sand	- 5.00m 5.25m	l		50		9.0			enth.	SPT-4	5.00-5.09
/ sandy silt.			0.25111		Щ	50		7.0	Refu: cm		enth.	8P1-5 R1	5.25-5.32 5.25 CR=26% RQD=NIL
					Щ	KN	rc	tarv	drill	ina l	from	R2	6.00 CR=25% RQD=NIL
				┞┺┼┼	귀			- г	to 2			11.2	RQD=NIL
					<u> </u>							R3	CR=26% RQD=NIL 7.50
												R4	CR=27% RQD=NIL
Highly weathere medium grained,					$\perp \mid$							R5	8.25 CR=27% RQD=13%
fractured rock.	3 ,				Н								9.00
												R6	CR=29% RQD=NIL 9.75
												R7	CR=27% RQD=NIL
					ᅰ							R8	10.50 CR=28% RQD=NIL
												R9	11.25 CR=36% RQD=NIL
Moderately to sligh	tly weat		12.00m ownish									R10	12.00 CR=44%
yellow, médium grair fractured rock.		ily to mod	erately		귀								ŘQD=16% ↓ 12.75
			13.00m							Ш			BH-31/Shee

Field Test Nos Samples Nos Commencement Date : 05/10/15 Penetrometer (SPT) 5 Undisturbed (UDS) 2 Bore Hole Diameter : 150 mm. / N. Cone (Pc) Disturbed (DS) 4 Water Sample (WS) 1 Standing Water Level : 2.1 m. DESCRIPTION SYMBOL N-VALUE SAMPLES EACH DIVN. = 15cm. Ref. No Depth R11 CR=47% RQD=NIL Moderately to slightly weathered, brownish yellow, medium grained, highly to moderately fractured rock. R12 CR=48% RQD=NIL R14 CR=72% RQD=NIL R15 CR=68% RQD=SIL R16 CR=52% RQD=NIL R16 CR=52% RQD=NIL R17 CR=47% RQD=NIL R17 CR=68% RQD=NIL R18 CR=52% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL R19 CR=68% RQD=NIL	TEST
Field Test	
Penetrometer (SPT) 5 Undisturbed (UDS) 2 Penetrometer (SPT) 5 Disturbed (DS) 4 Vane (V) Water Sample (WS) 1 Standing Water Level D (Ground : 141.74 m. Water Struck At : 1 Standing Water Level : 2.1 m. N-VALUE SAMPLES EACH DIVN. = 15cm. Ref. No Depth R13.00m R12 CR_62NL R0D=NIL R13 CR_62NL R0D=NIL R14 R14 R6D=NIL R15 R6D=NIL R15 R6D=NIL R15 R6D=NIL R16 R6D=NIL R16 R6D=NIL R17 R6D=NIL R17 R6D=NIL R18 R6D=NIL R18 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19 R6D=NIL R19	⟨−⟩329.000 ⟨−⟩262.000
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Vane (V) Water Sample (WS) 1 Standing Water Level : 2.1 m.	
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yellow, medium grained, highly to moderately fractured rock. R15	1 1
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fractured rock. R23 RQD=209 R24 CR=60% RQD=249	1
	1 1
R25 CR=59%	1 1
	% 24.00
R26 CR=72% RQD=369	5% 24.75
25.00m R27 CR=78% RQD=NiL	25.00
N.B. — '*' means sample could not be recovered.	31/Sheet-2

Project : Geotech. I	nv. woi									
Job No : 3576		Created by:								
BORE LOG D	ATA	SHEET	BO	KE_				0. 3		ordinates E=(-)329.00
Field Test	Nos	Samples		Nos	3			nent Da n Dat		/10/15 /10/15
Penetrometer (SPT)	10	Undisturbed (U		2	В	•		Diamet) mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	10	-			Groun		1.744 m.
Vane (V)		Disturbed (DS) Water Sample	(WS)	12	1.			uck A Iter Lev		m.
DECO		•		<u> </u>			VALU		1 2.0	SAMPLES
DESCI	RIPTION		SYMB	E	ACI	1 DIV	'N. =	15cn	n. Ref. No	Depth (m)
Loose, brownish y sandy silt.	ellow,	0.00m					9		DS-1	0.50
		1.70m		4	4	5			SPT-1	1.00-1.45 1.70
									UDS-1	
Medium dense, yell	owish	brown / steel							DS-3	2.00-2.45
grey, silty sand / s				8	3 3 1 C	10	20		SPT-2	
		3.70m							DS-4	3.70
									*UDS-2	2 4.00-4.45
Dense, yellowish b silty sand / sand									DS-5	4.65
sitty sund / sund	y Sinc	•		8	3 14	24	<u>38</u>		SPT-3	5.00-5.45
		5.70m							DS-6	5.70
Very dense, yellov grey, silty sand /				1	1 7	38	<u>55</u>		SPT-4	6.00-6.45
		6.60m	<u> </u>	Щ					DS-7	6.60
				1	3 19	38	<u>57</u>		SPT-5	7.00-7.45
									DS-8	7.70
				1	526	40	66		SPT-6	8.00-8.45
				`\					DS-9	8.60
Hard, light grey Vellow patches &		ty clay with		1	7 31	58	89		SPT-7	9.00-9.45
, 1.10.1. patorilos &	23.001			\\			>100	,	DS-10	9.70
				,\\5	1 50			² Pentn.	SPT-8	10.00-10.22
									DS-11	10.70
				<u>\</u> 6	0 50)	<u>>100</u>	_	SPT-9	
					3.0	cm Refus	Penth. al	DS-12	11.60	
		12.00m		_5	o			_	SPT-10	
Highly weathered medium grianed, highly r.ock.		derately fractured		<u> </u>	- 1	1 1	drilli	Penth. ng fron 5.00m	1 R1	CR=25% RQD=NIL 12.7
		13.00m			12	Loom	10 1	.J.UUM		BH-32/Sheet

Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution	Project :	Geotech.	inv. wor	rk for Prop. 1 x	600MW S	↓	t. Singar	eni.	Adilabad.	Telengana	C=T=ST
Field Test Nos Samples Nos Commencement Date : 07/10/15 Penetrometer (SPT) 10 Undisturbed (UDS) 2 Penetrometer (SPT) 10 Disturbed (DS) 11 Disturbed (DS) 12 Water Sample (WS) 12 Water Sample (WS) 12 Standing Water Level : 2.5 m. DESCRIPTION SYMBOL SYMBOL EACH DIVN. = 15cm, Ref. No Dep 13.00m R4 R2 R0D= R6 R0D= R6 R0D= R7 R0D= R7 R0D= R8 R8 R8 R8 R8 R8 R8 R8 R8 R8 R8 R8 R8			11111 1101	_						_	Sheet No:
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Penetrometer (SPT) 10 Undisturbed (UDS) 2 Penetrometer (SPT) 10 Disturbed (DS) 12 Water Struck At : Water Sample (WS) 0 Standing Water Level : 2.5 m. DESCRIPTION SYMBOL SYMBOL 13.00m N-VALUE SAMPLES RACE RACE RACE RACE RACE RACE RACE RACE	Field	Test	Nos	Samples		Nos					
Cone (Pc) Vane (V) Disturbed (DS) Water Sample (WS) DESCRIPTION DESCRIPTION SYMBOL A PALUE EACH DIVN. = 15cm, Ref. No R2 R3 R4 R4 R6D= R5 R6 R7 R6 R7 R8 R8 R8 R8 R8 R8 R8 R8 R8	Penetrome	ter (SPT)	10								
Vane (V) Water Sample (WS) DESCRIPTION SYMBOL 13.00m 13.00m 13.00m 13.00m R2 R3 R4 R6 R7 R6 R6 R7 R8 R8 R8 R8 R8 R8 R8 R8 R8	Cone (Pc)				,						744 m.
DESCRIPTION SYMBOL N-VALUE SAMPLES EACH DIVN. = 15cm. Ref. No Dep R2 CR=2 R0D= R4 CR=2 R0D= R5 CR=4 R0D= R6 CR=3 R0D= R7 CR=2 R0D= R8 CR=2 R0D= R8 CR=2 R0D= R8 CR=2 R0D= R8 CR=3 R0D= R9 CR=3 R0D= R10 CR=4 R0D= R10 CR=4 R0D= R11 CR=4 R0D= R12 CR=4 R0D= R13 CR=5 R14 CR=5 R15 CR=6 R0D= R14 CR=6 R0D= R15 CR=6 R0D= R16 CR=6 R0D= R17 CR=6 R0D= R18 CR=6 R0D= R18 CR=6 R0D= R19 CR=6 R0D= R10 CR=6 R0D= R11 CR=6 R0D= R12 CR=6 R0D= R13 CR=6 R0D= R14 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R16 CR=6 R0D= R17 CR=6 R0D= R18 CR=6 R0D= R19 CR=6 R0D= R10 CR=6 R0D= R11 CR=6 R0D= R12 CR=6 R0D= R13 CR=6 R0D= R14 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 C	Vane (V)										_
DESCRIPTION SYMBOL EACH DIVN. = 15cm. Ref. No Dep R2 CR=2 R3 CR=3 R4 CR=2 R4 CR=2 R5 CR=4 R6D= R5 CR=4 R6D= R6 CR=3 R8 CR=2 R8D= R8 CR=2 R8D= R8 CR=2 R8D= R8 CR=2 R8D= R8 CR=2 R8D= R8 CR=2 R8D= R9 CR=3 R9D= R10 CR=4 R0D= R11 CR=4 R0D= R12 CR=4 R0D= R13 CR=6 R0D= R14 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R16 CR=7 R0D= R17 CR=6 R0D= R18 CR=6 R0D= R18 CR=6 R0D= R19 CR=6 R0D= R10 CR=6 R0D= R11 CR=6 R0D= R12 CR=6 R0D= R13 CR=6 R0D= R14 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R0D= R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15 CR=6 R15	74110 (17			water Sample							
Highly weathered, brownish yellow, medium grianed, highly to moderately fractured rock. R1 R2 RQD= R3 RGD= R4 RQD= R5 CR=4 R6 CR=2 R7 RQD= R8 CR=2 R9 RQD= R9 RQD= R9 RQD= R10 RRD= R10 RRD= R10 RQD= R11 CR=4 RQD= R12 CR=4 RQD= R13 CR=5 R14 CRD= R15 CR=6 R17 RQD= R18 RQD= R19 RQD= R11 RQD= R11 RQD= R12 RQD= R13 RQD= R14 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R15 RQD= R1		DESC	RIPTION	J	SYMB	OLEA					Depth (m)
Highly weathered, brownish yellow, medium grianed, highly to moderately fractured r.ock. R5 GR=4 ROD= R6 GR=5 ROD= R7 GR=7 ROD= R8 CRD= R9 CR=3 ROD= R9 CR=4 ROD= R10 RR=4 ROD= R11 CR=4 ROD= R12 GR=4 ROD= R13 GR=5 ROD= R14 CR=5 ROD= R15 CR=6 ROD= R15 CR=6 ROD= R16 ROD= R17 ROD= R18 ROD= R18 ROD= R19 ROD= R10 RR=4 ROD= R11 ROD= R12 GR=6 ROD= R13 ROD= R14 CR=6 ROD= R15 CR=6 ROD= R15 CR=6 ROD= R15 CR=6 ROD= R15 CR=6 ROD= R15 ROD= R15 CR=6 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R15 ROD= R1				13.00n						R2	CR=26% RQD=16% 13.50
Highly weathered, brownish yellow, medium grianed, highly to moderately fractured r.ock. R6 CR=3 ROD= R8 CR=2 ROD= R8 CR=2 ROD= R9 CR=3 ROD= R9 CR=3 ROD= R10 CR=4 ROD= R11 CR=4 ROD= R12 CR=5 ROD= R13 CR=5 ROD= R14 CR=6 ROD= Moderately to slightly weathered, brownish yellow, medium grianed slightly fractured rock.										R3	CR=33% RQD=NIL
Highly weathered, brownish yellow, medium grianed, highly to moderately fractured r.ock. R7 R8 R8 R7 R8 R8 R9 R9 R9 R10 R10 R11 R12 R8 R2 R9 R12 R12 R8 R9 R13 R14 R14 R2 R15 R15 R15 R15 R15 R15 R15						Ц				R4	14.25 CR=27% RQD=NIL
medium grianed, highly to moderately fractured r.ock. R6 R7 R8 R7 R8 R8 R8 R8 R8 R8 R8										R5	15.00 CR=40% RQD=NIL
Moderately weathered, brownish yellow, medium grained, highly to moderately fractured rock. R8 CR=2 RQD= R9 CR=3 RQD= R10 CR=4 RQD= R11 CR=4 RQD= R12 CR=5 RQD= R13 CR=5 RQD= R14 RQD= R14 RQD= R15 CR=6 RQD=	medium grid									R6	15.75 CR=38% RQD=NIL
Moderately weathered, brownish yellow, medium grained, highly to moderately fractured rock. R10 CR=4 RQD= R11 CR=4 RQD= R12 CR=4 RQD= R13 CR=5 RQD= R14 CR=5 RQD= R15 CR=6 RQD=										R7	16.50 CR=27% RQD=NIL
Moderately weathered, brownish yellow, medium grained, highly to moderately fractured rock. R10 CR=4 RQD= R11 CR=4 RQD= R12 CR=4 RQD= R13 CR=5 RQD= R14 CR=5 RQD= Moderately to slightly weathered, brownish yellow medium grained slightly fractured	•					1				R8	17.25 CR=29% RQD=NIL
Moderately weathered, brownish yellow, medium grained, highly to moderately fractured rock. R11 CR=4 RQD= R12 CR=4 RQD= R12 RQD= R13 CR=5 RQD= R14 CR=5 RQD= R15 CR=6 RQD=						Н				R9	18.00 CR=39% RQD=NIL
medium grained, highly to moderately fractured rock. R11 R2 R2D= R12 R24 RQD= R13 R25 RQD= R14 RQD= R15 RQD= Moderately to slightly weathered, brownish vellow medium grained slightly fractured				———— 18.75n						R10	18.75 CR=48% RQD=NIL
R12 CR=4 RQD= R13 CR=5 RQD= R14 CR=5 RQD= Moderately to slightly weathered, brownish vellow medium grigned slightly fractured	medium g	grained, l								R11	19.50 CR=41% RQD=NIL
R13 CR=5 RQD= R14 CR=5 RQD= R15 CR=6 RQD=	Tractarea 1	TOCK.		24.22						R12	20.25 CR=47% RQD=20%
Moderately to slightly weathered, brownish vellow medium grigned slightly fractured				21.00n						R13	21.00 CR=59% RQD=56%
Moderately to slightly weathered, brownish										R14	21.75 CR=56% RQD=21%
vellow medium grigned slightly fractured	Moderately	to slight	ly weat	hered, brownish						R15	22.50 CR=62% RQD=56%
rock. R16 RQD=	yellow, me									R16	23.25 CR=61% RQD=22%
										R17	24.00 CR=76% RQD=68% 24.75
25.00m R18 CR=6				25.00n						R18	CR=62% 24;73 RQD=NIL 25!00
N.B. — '*' means sample could not be recovered.			s samı	ple could not							BH-32/Sheet-2

ſ	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at S	Singa	areni	i, Ad	ilabad	, Tele	ngana	C=	TES1	ī
	Job No : 3576		Created by:									0/2015			֡֟֟֝ <u>֚֚</u>
	BORE LOG D	ATA	SHEET	BO	RE). 3			rdinates E=(N=(–}529.000 }217.000	<u>/</u>
	Field Test	Nos	Samples		No	S				nt Dat			10/15		
Ī	Penetrometer (SPT)	5	Undisturbed (U	IDS)	2			•		i Date iamete			10/15 mm. / N.	X.	
	Cone (Pc)		Penetrometer ((SPT)	5	- 1				round			868 m.		
	Vane (V)		Disturbed (DS)		7	'				ick A	-				
Ļ	varie (v)		Water Sample	(WS)	<u> </u>	S		ling -VA		er Lev	el: T	1.2	m. SAMPLES		-
	DESC	RIPTION	J	SYMB	OL	EACI					ı. Re	f. No	Depth	(m)	-
Ī			0.00m		\exists		Ť						'		
											<u>م</u>	S-1	0.50	,	
				11					20						
	Very stiff, yello	wish	brown, silty			8 9	11		<u>-U</u>		SF	PT-1	1.00-1	.45	
	clay with sand r			111							D	S-2	1.70	ļ	
											,,,	DS-1	2.00-2	15	
												S-3	2.00-2		
			3.00m						21			3 3	2.00		
						5 8	13				SF	PT-2	3.00-3	.45	
	Very stiff, light with sand & calcare										D	S-4	3.70	ı	
-			4.00m			10					*U	DS-2	4.00-4	.45	
₽						19					D	S-5	4.60	ı	+
						39	 9 50		100		SF	PT-3	5.00-5	.37	
	Very dense, brow	nish	yellow, silty				1 7	h L	m F	enth.		S-6	5.70		
	sand.					35 50			100			3-0 PT-4	6.00-6		
								o ¢	m F	Penth.					
			7.00			- 0		Ref	usa	<u>L</u>		S-7	6.60		
			7.00m		T	50	7.	0 6	m F	enth.		PT-5 R1	7.00-7.07 CR=28% RQD=NIL	7.00	
					ᆊ						'	X I	RQD=NIL	↓ 7.75	
	Highly weathered medium to fine gra			 	Щ	NX r	otar	v dr	illing	ı from		R2	CR=36% RQD=NIL		
	rock.		3 ,		\coprod			to					NQD=IIIL	8 _. 50	
					Щ						1	R3	CR=39% RQD=NIL		
ŀ			9.25m		出									9 25	
					Ш						1	R4	CR=48% RQD=13%		
										Ι.	. .	CR=42%	10.00		
					<u>, </u>							R5	ŘQD=ÑÍĽ	10.75	
	Moderartely weather medium to fine				ㅐ							R6	CR=41%	10.75	
	moderately fractured			 	ㅐ						'		RQD=NIL	11.50	
				 	出							R7	CR=40% RQD=NIL		
					Щ								WAD-MIT	12,25	
					Щ						1	R8	CR=56% RQD=13%	6	
			13.00m		<u> </u>									13.00	_
					T								BH-3	33/Sheet-	-1

ſ	Project : Geotech.	Inv. wo	dr for Drop 1 v 6	UUNUM C	TOTE:) of G	ingon	mi	441	ahad	Tolongono	/ETECT	
	Job No : 3576	IIIV. WOI	Created by :									Sheet No:	
		DATA	<u>'</u>	BO			OLE		NO		' ''	rdinates E=(-)529.000 N=(-)217.000	
	Field Test	Nos	Samples		No	os I				t Date Date	: 09/1	10/15 10/15	
Ī	Penetrometer (SPT) 5	Undisturbed (U	DS)	2	s I	•			ımeter		mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	5	5 L	evel	Of	Gr	ound	: 139.8	868 m.	
			Disturbed (DS)		7	"				k At			
	Vane (V)		Water Sample	(WS)	\Box) St		-		Leve	1		
	DES	CRIPTION	N	SYMB	OL	FA01	N-,			F		SAMPLES Depth (m)	
	Moderartely weath medium to fine moderately fracture	grain	ed, highly to		<u> </u>	EACE	DIV	N.		oem.	Ref. No R9	CR=45% RQD=NIL 13.75	
,	Slightly weather	od bro	which valley								R10	CR=62% RQD=NIL 14.50	
	medium to fine moderately fracture	grain								R11 R12	CR=61% RQD=44% 15.25 CR=72% RQD=58%		
			16.00m		H						R13	16.00 CR=46% RQD=36%	
												RQD=36% 16.75 CR=47%	
•											R14	RQD=42% 17.50	+
	Moderately weathe	ered, br	ownish yellow,								R15	CR=44% RQD=20% 18.25	
	medium to fine moderately fracture										R16	CR=42% RQD=NIL 19.00	
					\coprod						R17	CR=44% RQD=18% 19.75	
											R18	CR=41% RQD=NIL 20.50	
			21.25m		Щ						R19	CR=45% RQD=NIL 21.25	
			,,,,,								R20	CR=51% RQD=NIL 22.00	
											R21	CR=62% RQD=41% 22.75	
	Moderately to slid grey, medium to fi fractured rock.										R22	CR=65% RQD=26% 23.50	
	Traditation Fook.										R23	CR=61% RQD=52% 24.25	
			25.00m								R24	CR=63% RQD=28% 25.00	
	N.B. — '*' mear be recovered.	ıs sam	ple could not										
												BH-33/Sheet-2	:

	Project : Geotech. I	nv. woi	k for Prop. 1 x 6	00MW S	↓ STPP	at	Singaı	reni,	Adilabad,	Telengana	CETES	T
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	BO	RE	H	OLI	E N	10. 3	4 Co-o	ordinates E=(-)569.00 N=(-)262.00	0 0
	Field Test	Nos	Samples		No)S			nent Dat		10/15 10/15	
	Penetrometer (SPT)	7	Undisturbed (U	DS)	1	- 1			on Date Diamete		mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	7	- 1 '	_evel	Of	Ground	d : 139.	33 m.	
	Vane (V)		Disturbed (DS)	(WC)	8				ruck A			
			Water Sample		0 	' `		ng wo -VALL	ater Leve JF		m. SAMPLES	
	DESC	RIPTION	J	SYMB	OL	EAC				. Ref. No	Depth (m)	
			0.00m		////					DS-1	0.50	
	Stiff, yellowish					3 4	5	9		SPT-1	1.00-1.45	
	with sand mixture &	x kank	ar.							DS-2	1.70	
										UDS-1	2.00-2.45	
			7.00					7.0		DS-3	2.60	
			3.00m			111	3 19	32		SPT-2	3.00-3.45	
										DS-4	3.60	
	Dense, yellowish	grey	, silty sand.			112	1 29	<u>50</u>		SPT-3	4.00-4.45	
•			5.00					76		DS-5	4.70	+
			5.00m			233	6 40	<u>76</u>		SPT-4	5.00-5.45	
										DS-6	5.60	
	Very dense, brown grey, silty sand with				,	3210		<u>>10</u> cm	<u>U</u> Pentn.	SPT-5	6.00-6.20	
								<u>>10</u>	<u>o</u>	DS-7	6.70	
	\/ d b	-ا - : - ا-	7.00m			10d	9.0	cm	Pentn.	SPT-6	7.00-7.09	
	Very dense, brow sand.	vnisn	yellow, Silly					>10		DS-8	7.60	
				<u> </u>		100				SPT-7	8.00-8.08 8.00	
					Щ		8.0	cm	Penth.	R1	CR=25% RQD=NIL	
				 		XN	rotary	drilli	ng from	R2	8.75 CR=26% RQD=NIL 9.50	
	Highly weathered	bro	wnish vellow			8	.00m	to 25	5.00m	R3	CR=26% RQD=NIL 10.25	
	medium grained, h									R4	CR=27% RQD=NIL 11.00	
										R5	CR=28% RQD=NIL 11.75	
					$\coprod_{\mid \cdot \mid}$					R6	CR=30% RQD=15% 12.50	
			13.00m							R7	CR=37% RQD=14%	
,				•	1			-		•	BH-34/Sheet-	 -1

	Project : Geotech	. Inv. wor	k for Prop. 1	x 6	OOMW S	TPP	at Si	ngare	ni.	Adila	bad.	Telenga	na	CETEST	1
	Job No : 3576		Created											Sheet No:	
	BORE LOG	DATA	SHEET		BO	RE)LE		<u>10.</u>		_		dinates E=(-)569.000 N=(-)262.000	
	Field Test	Nos	Samp	oles		No)S	mme ompl					2/10 4/10		
	Penetrometer (SPT	7	Undisturbe	d (L	JDS)	1	I	re H						nm. / N.X.	
	Cone (Pc)		Penetrome ⁻	ter	(SPT)	7	Le	evel	Of	Gro	und	: 1	39.33	3 m.	
			Disturbed			8		ater					_		
	Vane (V)		Water Sam	ple	(WS)	0	St	andin			Level	. : 1.	.2 m	AMPLES	-
	DES	CRIPTION	1		SYMB	ᅂ	EACH	N-/			5cm	Ref. I		Depth (m)	
	Highly weathered, medium grained, hig fractured rock.		yellow, 13.	00m 25m								R8		13.25 CR=41% RQD=18% 14.00 CR=44% RQD=17%	
												R1		14.75 CR=40% RQD=17%	
	Moderately weath medium to fine fractured rock.											R1	1	CR=41% RQD=37% 16.25	
												R1	2	CR=42% RQD=18% 17.00	
•			17.	75m								R1		CR=41% RQD=35% 17.75	+
												R1		CR=56% RQD=32% 18.50 CR=57%	
	Moderately weath										R1		CR=57% RQD=32% 19.25 CR=58%		
	slightly fractured		moderatery									R1 R1		CR=58% RQD=55% 20.00 CR=45% RQD=21%	
												R1		RQD=21% 20.75 CR=49% RQD=36%	
			21.	50m								R1		RQD=36% 21.50 CR=81% RQD=32%	
	Fresh, brownish	vellow	. medium	to								R2	20	22.25 CR=92% RQD=42% 23.00	
	fine grained, m fractured rock.										R2	21	CR=82% RQD=30% 23.75		
												R2		CR=81% RQD=60% CR=85% 24.50	
			25.	00m								R2	23	CR=85% RQD=39% 25.00	
														<u> </u>	
					Page	70	/272							BH-34/Sheet-2	<u>-</u>

Project : Geotech.	Inv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at S	ingar	eni, Ad	ilabad,	Telengana	CETES
Job No : 3576		Created by:								
BORE LOG	DATA	SHEET	BO	RE	H	OLE	NO). 3	5 Co-o	rdinates E=(-)609.00 N=(-)137.00
Field Test	Nos	Samples		Nos	3			nt Date		0/15
Penetrometer (SPT) 6	Undisturbed (L	JDS)	1	- 1	•		Date iameter		0/15 mm. / N.X.
·		Penetrometer ((SPT)	6				round		676 m.
Cone (Pc)		Disturbed (DS)		8	- 1			ck At		
Vane (V)		Water Sample	(WS)	1	S	tandir	ig Wate	er Leve	l: 1.2 ı	m.
DES	CRIPTION	١	SYMB				VALUE			SAMPLES
		0.00m			EACH		N. =	15cm.	Ref. No	Depth (m)
		0.0011	11/1	////					DS-1	0.50
Very stiff, deep clay with sand	browni mixtu	sh grey, silty re & kankar.		: . I (8 9	10	<u>19</u>		SPT-1 WS-1 DS-2	1.00-1.45 1.20 1.70
			1						UDS-1	2.00-2.45
									DS-3	2.60
Medium dense, y	ellowis	3.00m			7 7 1 C	12	22		SPT-2	3.00-3.45
sand / sandy silt						×100		DS-4	3.70	
		4.00m		<u> </u>	od		1100		SPT-3	4.00-4.12
Hard, brownish with grey patc nodules.						12.0	cm f >100	Pentn.	DS-5	4.60
		5.00m		10	od		cm F	Pentn.	SPT-4	5.00-5.10
	• - 1-						×100		DS-6	5.70
Very dense, bro sand with steel gr				10	od				SPT-5	6.00-6.09
							dm P		DS-7	6.60
		7.00m	▮▮▮	111	od		Refuso	14	*SPT-6	7.00-7.07 7.0 0
				ll.		7.0	¢m P	enth.	R1	CR=25% RQD=NIL
				<u> </u> '		1 1	drilling	from	R2	7.75 CR=28% RQD=NIL
Highly weathere medium to fine gr									R3	8.50 CR=39%
rock.		g,astaroa								RQD=NIL ↓ 9.2
				\prod					R4	CR=36% RQD=NIL
				Щ					R5	10.00 CR=40% RQD=NIL
		10.75m								10.75 CR=45%
				ㅐ					R6	RQD=NIL 🕴
Moderately weathe medium to fine moderately fracture	grain	ed, highly to							R7	11.50 CR=55% RQD=40%
Just acory Tructure	og rook.								R8	12.25 CR=44% RQD=NIL
		13.00m		Щ						13.00
			•	1						BH-35/Shee

ſ	Desirat . Costosk	. T	Ja fan Daar 1 a C	001/797 C	↓	4 Gi		4 321 - L - 3	M-1	CETECT
	Project : Geotech Job No : 3576	i. inv. wor	k for Prop. 1×6 Created by:							Sheet No:
	BORE LOG	DATA				HOLI				rdinates E=(-)609.000 N=(-)137.000
	Field Test	Nos	Samples		Nos			ment Date on Date		0/15 0/15
	Penetrometer (SP	T) 6	Undisturbed (U	-	1	Bore I	Hole	Diameter	: 150	mm. / N.X.
	Cone (Pc)		Penetrometer (SPT)	6			Ground		676 m.
	Vane (V)		Disturbed (DS) Water Sample	(WS)	8 1			ruck At ater Level		_
			·		İ		·VALL	1		SAMPLES
	DES	SCRIPTION	1	SYMB	OL EA			= 15cm.		Depth (m)
			13.00m						R9 R10 R11 R12	CR=46% RQD=NIL 13.75 CR=48% RQD=32% 14.50 CR=44% RQD=NIL 15.25 CR=45% RQD=40%
									R13	16.00 CR=48% RQD=NIL 16.75
→									R14	CR=42% RQD=NIL 17.50
					<u> </u> 				R15	CR=41% RQD=NIL 18.25
	Moderately weath			<u> </u>					R16	CR=44% RQD=NIL 19.00
	medium to find moderately fractu								R17	CR=47% RQD=NIL 19.75
									R18	CR=41% 79.75 RQD=NIL 20.50
									R19	CR=44% RQD=22% 21.25
									R20	CR=49% RQD=21% 22.00
									R21	CR=51% RQD=NIL 22.75
									R22	CR=47% RQD=NIL 23.50
									R23	CR=48% RQD=NIL
			25.00m						R24	24.25 CR=52% RQD=NIL 25.00
	N.B. — '*' mea be recovered.	ns sam	ple could not		<u> </u>					BH-35/Sheet-2

Project : Geotech.	Inv. wor											CETES	T
Job No : 3576											15/10/2015		00
BORE LOG I	JATA	SHEE	ïT	ROF	KE.					$\frac{30}{100}$	_	rdinates E=345.00 N=(-)262.00	00
Field Test	Nos	Sa	mples		No	S				nt Date Date		10/15 10/15	
Penetrometer (SPT)	8	Undistur	bed (U	DS)	2	- 1		•		ameter		mm. / N.X.	
Cone (Pc)		Penetror		(SPT)	8	- 1				round		561 m.	
Vane (V)		Disturbe		(MC)	9					ck At			
valie (v)		Water S	ampie	(WS)	0			iing -VAI		er Leve		_m. SAMPLES	
DESC	RIPTION	١		SYMB	아	EAC				15cm.	Ref. No	Depth (m)	
			0.00m		\exists								
											DS-1	0.50	
Medium, brownis	h are	v siltv	clay					,	5				
Obs. kankars & sar			cray.			3 3	3 2	3	_		SPT-1	1.00-1.45	
											DS-2	1.75	
			- 2.00m								UDS-1	2.00-2.45	
			2.00111									2.00 2.40	
								2	:3		DS-3	2.80	
						5 1	0 13				SPT-2	3.00-3.45	
Very stiff, yellowis											DS-4	3.75	
Obs. calcareous	nodule	es & kar	nkars.		`\						UDS-2	4.00-4.30	
													4
									<u>'8</u>		DS-5	4.75	
			- 5.00m	1	7	22 3	3 45				SPT-3	5.00-5.45	
											DS-6	5.70	
					`\.	14 2	8 50	71	<u>00</u>		SPT-4	6.00-6.40	
					$\langle \cdot \rangle$		10.			enth.	DC 7	6.75	
	la .a.a	114				46 5		<u> </u>	<u>00</u>		DS-7 SPT-5	6.75 7.00-7.24	
Hard, yellowish & decomposed rock		n, stity	стаў				9.d	cm	n Pe	entn.			
					\\			<u> </u> <u> </u>	00		DS-8	7.65	
						48 5	0 6.0	C C	, De	entn.	SPT-6	8.00-8.21	
							0.0		<u>00</u>		DS-9	8.60	
					`	52	в.о			ntn.	SPT-7	9.00-9.08	
			-9.25m		Ħ	50	6.0		<u>00</u> 1 Pe	ntn.	SPT-8	9.25-9.31 9.2 CR=29%	5
				$\parallel \perp \parallel \parallel$	ᅰ						R1	RQD=NIL ↓ 10.0	
				╟┼┼	Д	NV	rotar	v dr	illing	from	R2	CR=35%	١
					Щ		.25m	-			112	RQD=NIL ↓ 10.7	5
Highly to moderat grey to light yello											R3	CR=39% RQD=NIL	
grianed, highly frac				$\ \ \overline{1} $								11.5	0
					$\top $						R4	CR=49% RQD=NIL	
					ᅦ							12,2	5
				 	出						R5	CR=43% RQD=NIL	
			13.00m									13.0 BH-36/Sheet	_
					U_	/27	_					DU-20/ 2066)	·- ı

Pro	oject :	Geotech. I	nv. wor	k for Prop. 1 x 6	OOMW S	TPP	at Si	ngarei	ni. Ad	lilabad	. Telen	gana	C	T=ST	ī
	-	3576		Created by:				_				_			
В	ORE	LOG D	ATA	SHEET	BO	RE	HC	LE	N(0. 3	86	Co-or	rdinates E= N=	=345.000 (-)262.000))
	Field ⁻	Test	Nos	Samples		No	SI			ent Dat			0/15		
Per	netromet	er (SPT)	8	Undisturbed (U	DS)	2		•		n Date iamete		06/1 150	mm. / N	.X.	
Cor	ne (Pc)			Penetrometer ((SPT)	8				roun			61 m.		
				Disturbed (DS)		9				ıck A					
Var	ne (V)			Water Sample	(WS)	<u> </u>	Sto			er Lev	el:	1.95			-
		DESCF	RIPTION	I	SYMB		FACH	N-V		15cm	Ref	. No	SAMPLES Depth	(m)	1
				13.00m	-	, -			<u>-</u>		1. 1.01	. 110	Ворит		1
											R	86	CR=39% RQD=NIL	Ì	
					\prod								NQD-INI	- y 13.75	
											R	27	CR=43% RQD=NIL		
					╟┼┼┤									14,50	
					┝┶┼						R	88	CR=35% RQD=NIL		
					\coprod	Щ								15,25	
											R	89	CR=37% RQD=NIL	.	
Hic	ahly to	moderate	elv we	eathered, deep										16,00	
gre	ey to li	ght yello	wish	grey, medium							R	210	CR=47% RQD=NIL	-	
grid	aned, hi	ghly fract	ured r	ock.	┞┼┼	$\top H$							OD 470/	16.75	
					\square	ᆛ					R	211	CR=43% RQD=19		
•						Щ							CR=36%	17.50	+
											R	212	RQD=NIL	- 🛊	
					$\ \cdot\ _{1}$						_		CR=40%	18.25	
						ТΪ					"	213	ŘQD=ŇíĽ	- 🛊	
						 							CR=34%	19.00	
				10.75	<u> </u>	4					"	214	ŘQDĚŇÍĽ		
				——— 19.75m		\blacksquare						215	CR=64%		
												.13	ŘQDĚŇÍĽ	- ↓ 20.50	
					Н						R	16	CR=68% RQD=NIL		
						Ц					'`		RQD=NIL	- ∤ 21.25	
											R	217	CR=65% RQD=NIL		
l											"		RQD=NIL	- † 22.00	
				ght yellowish dium grained,							R	18	CR=62% RQD=NIL		
hig	hly fract	tured rock	k.	g ,	\vdash								KQD-NIL	22.75	
											R	19	CR=76% RQD=NIL		
													V.A.D.—IAIL	23.50	
						\blacksquare					R	20	CR=79% RQD=NIL		
													1.45 - 141E	24,25	
					-	Щ					R	21	CR=78% RQD=NIL		
				25.00m		口								25.00	
						↑							Вн-	36/Sheet-	_ 2

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ TPP	at	Singa	reni,	Adilaba	i, Tel	engana	CETES'	П
	Job No : 3576		Created by:										<u>֓</u> ֡֡
	BORE LOG D	ATA	SHEET	BO	RE	Н	OL	E N	10.	37	Co-o	rdinates E=345.00 N=(-)217.00	0
	Field Test	Nos	Samples		No:	S			ment Do			09/15	
	Penetrometer (SPT)	7	Undisturbed (U	DS)	2	- 1			on Da [.] Diamet			10/15 mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	7				Grour			722 m.	
	Vane (V)		Disturbed (DS)	(MC)	8				ruck /		0.4		
			Water Sample		0	;		ng w -VALl	ater Lev JF	/ei :	2.1	m. SAMPLES	-
	DESCF	RIPTION	l	SYMB		EAC			= 15cr	n. R		Depth (m)	
			0.00m								DS-1	0.50	
	Stiff, deep grey rusty spots.	, silt	y clay. Obs.			2 4	6	10		,	SPT-1	1.00-1.45	
	rusty spots.										DS-2	1.75	
										ι	JDS-1	2.00-2.45	
			2.75m					17			DS-3	2.75	
						5 7	10	17		5	SPT-2	3.00-3.45	
	Very stiff, yellowish sand mixture. Obs.	brown,	silty clay with								DS-4	3.80	
	sund mixture. Obs.	caicar	eous nouutes							ι	JDS-2	4.00-4.45	
+			4.75m	11/1				<u>>10</u>			DS-5	4.75	•
	Hard, yellowish br	own, s	silty clay with		1	3	750		L I. I	5	SPT-3	5.00-5.37	
	sana.		5.85m				7.0	>10	Pehtn. O		DS-6	5.70	
			0.00111		$\backslash \backslash 1$	9 4	150 5.0		Pentn.	5	SPT-4	6.00-6.20	
	Hard, yellowish bro	own «	silty clay with								DS-7	6.75	
	sand.	· · · · · · · · · · · · · · · · · · ·	over and		2	20 2	37	<u>57</u>		5	SPT-5	7.00-7.45	
			7.80m		/			<u>>10</u>			DS-8	7.80	
	Hard, yellowish brodecomposed rock			() ()	\\ 5	52	13.0) cm	Pentn 0		SPT-6 SPT-7	8.00-8.13 8.25-8.34 8.25	
	- decempeded reek	•			\prod		9.0		Pentn.	`	R1	CR=31% RQD=NIL	
							1 1		ing fror	n	R2	9.00 CR=35% RQD=NIL	
						7	.25m	to 2	5.00m		R3	9.75 CR=29% RQD=NIL	
	Highly to moderate	elv we	eathered. liaht								R4	10.50 CR=28% RQD=NIL	
	yellowish grey, med fractured rock.										R5	11.25 CR=40% RQD=NIL	
											R6	12.00 CR=48% RQD=NIL	
			13.00m									12.75	
			13.00111	1	1							<u>~</u> BH−37/Sheet-	_ -1

ſ	Devision 4	0		la fra Davis 4 as 1	2001/707 (•	•	A 321	1.1.1	M - 1	ر می می می است است است است است است است است است است	-
ļ	Job No :		nv. wor	k for Prop. 1 x 6									Sheet No:	
			ATA		BO			OLI		NO			ordinates N=(-)217.00	0
	Field	Test	Nos	Samples		No	SI				t Date	e: 27/0	09/15	<u>~</u>
	Penetrome	ter (SPT)	7	Undisturbed (l	JDS)	2		•			Date mete		10/15 mm. / N.X.	
			'	Penetrometer	•	7	. ט				mete		mm. / N.X. 722 m.	
	Cone (Pc)	l		Disturbed (DS)		8					ck At		722 111.	
	Vane (V)			Water Sample	(WS)	c					Leve		m.	
İ		DESCE	RIPTION	I	SYMB		'	N-	·VAL	LUE			SAMPLES	
ļ		DESCI					EACH	l DI\	/N.	= 1	15cm	. Ref. No	Depth (m)	
	Highly to	moderate	ely we	13.00m eathered, light								R7	CR=49% RQD=NIL ↓ 13.50	
		grey, med		grained, highly		Щ						R8	CR=46% RQD=NIL	
				———— 14.25m		$\frac{\bot}{\top}$						R9	14.25 CR=56% RQD=19%	5
													15,00	
												R10	CR=64% RQD=21% 15.75	5
												R11	CR=72% RQD=29% 16.50	
												R12	CR=73% RQD=NIL 17.25	
•												R13	CR=68% RQD=37%	•
												R14	CR=69% RQD=19% 18.75	
	Moderate	elv to sl	iahtl	y weathered,								R15	CR=80% RQD=52%	
	light yell	owish gre	ey, me	edium to fine actured rock.								R16	19.50 CR=64% RQD=NIL	
												R17	20.25 CR=78% RQD=NIL	
												R18	21.00 CR=68% RQD=NIL 21.75	
												R19	CR=64% RQD=NIL 22.50	
												R20	CR=60% RQD=21% 23.25	
												R21	CR=68% RQD=NIL 24.00	
						$\prod_{i=1}^{n}$						R22	CR=62% RQD=23%	
				25.00m		П							25.00	
Į						1						<u> </u>	BH-37/Sheet	 -2

Project : Geotech. l	inv. woi	rk for Prop. 1 x 6	300 MW S	↓ STPP	at	Singa	reni	, Adil	labad,	Telengana	CETEST
Job No : 3576		Created by:				Cr	eate	ed or	n : :		
BORE LOG I)ATA	SHEET	B0	RE	H	OL	\mathbf{E}_{-}	<u>N0</u>	. 38	B Co-	ordinates E=425.000 N=<-)217.000
Field Test	Nos	Samples		No)S				t Date		/09/15
Penetrometer (SPT)	7	Undisturbed (l	JDS)	2			•		Date meter		/09/15) mm. / N.X.
Cone (Pc)		Penetrometer	(SPT)	7	.				ound		l.997 m.
		Disturbed (DS)		9	' v	√at∈	er S	Struc	k At	:	
Vane (V)		Water Sample	(WS)	<u> </u>) S				Leve	: 2.6	5 m.
DESCI	RIPTION	N	SYMB	BOL-				LUE		D ()	SAMPLES
		0.00m			<u>EAC</u>	H D	IVN.	= 1	l5cm.	Ref. No	Depth (m)
		0.0011					1	1		DS-1	0.50
Medium dense, ye sand.	ellowi	sh grey, silty			4 5	6				SPT-1	
sana.										DS-2	1.75
										UDS-1	2.00-2.45
		2.80m		4				6		DS-3	2.80
					4 7	9				SPT-2	3.00-3.45
Very stiff, light g sand mixure.	rey, s	silty clay with		\\]						DS-4	3.75
Sulla Illixure.										UDS-2	4.00-4.35
		4.70m						,_		DS-5	4.70
					21 32	45		<u>'7</u>		SPT-3	5.00-5.45
	• 1						 	00		DS-6	5.75
Very dense, yellow grey, silty medium					30 50					SPT-4	6.00-6.25
sand. Obs. kankars						10.	- 1	m P 00	entin.	DS-7	6.60
					47 5(SPT-5	7.00-7.20
		7.80m				5.0		n Pei	ntn.	DS-8	7.70
Hard, whitish grey	/ to v				30 4:	5 50		100		SPT-6	8.00-8.34
silty clay with deco						4.0		n Pei <u>100</u>	ntn.	DS-9	8.60
		9.00m		H	52					SPT-7	
				TT		8.0	ch	n Per	ntn.	R1	CR=25% RQD=NIL 9.75
					NX I	rotar	v dir	illina	from	R2	CR=31% RQD=NIL 10.50
				Щ				25.0		R3	CR=33% RQD=NIL ↓
Highly to moderat	elv w	eathered. deen		$\frac{1}{1}$						R4	11.25 CR=28% RQD=NIL 12.00
grey to light yello grained, highly frac-	owish	grey, medium		1						R5	CR=40% RQD=NIL
				Щ						R6	12:75 CR=28% RQD=NIL
				┦╢						R7	13.50 CR=31% RQD=NIL
				ㅐ						R8	14:25 CR=32% RQD=NIL
		15.50m								R9	15.00 CR=39% RQD=NIL
			1	+						ı	BH-38/Sheet-

Γ	Project : Geotech. I	nu way	ulz for Drop 1 w 6	nnuw c	TTDD OTTE	at Si	n goro	ni	Adila	had	Tolongono	CETECT	Ħ
-	Job No : 3576	IIV. WOI	Created by :									Sheet No:	4
		ATA	<u> </u>	BO)LE		10.			rdinates E=425.000 N=(-)217.000	
	Field Test	Nos	Samples		No	S	mmer				: 23/0	09/15 09/15	
Ī	Penetrometer (SPT)	7	Undisturbed (L	IDS)	2		re H					mm. / N.X.	
	Cone (Pc)		Penetrometer		7	Le	evel	Of	Gro	ound	: 144.9	997 m.	
	Vane (V)		Disturbed (DS)		9		ater						
-	varie (v)		Water Sample	(WS)	<u> </u>	St	andino N–V			Leve	1	 SAMPLES	-
	DESC	RIPTION	١	SYMB		EACH				5cm.	Ref. No	Depth (m)	+
-			15.50m	, T-71				Ï	Ιİ			5	1
											R10	15.75 CR=47% RQD=NIL	
					Щ						KIO	RQD=NIL 16.50	
											R11	CR=52% RQD=23%	
					$\lceil \mid$						B4.0	17.25	
	Highly to moderate grey to light yello										R12	CR=33% RQD=NIL 18.00	
	grained, highly fract	ured i	rock.		ᅦ						R13	CR=35% RQD=19%	
				$\parallel \perp \downarrow \perp$	<u> </u>							18.75 CR=45%	
					ļН						R14	RQD=27%	
					Щ						R15	CR=49% RQD=31%	
-			20.25m	╟┼┼	#							20:25	
					Щ						R16	CR=48% RQD=NIL 21.00	
•											R17	CR=41% RQD=NIL	
	Moderately weath	ered,	reddish grey	$\prod \prod$	Π							21.75	
	to light yellowish g	rey, m	redium grained,		\Box						R18	CR=40% RQD=NIL	
	mgmy mastared res	•			┧						R19	22.50 CR=42% RQD=NIL	
											R20	23:25 CR=35%	
-			24.00m	╠┸┸╌	뮊						NZU	RQD=NIL	
					H						R21	CR=57% RQD=44% 24.75	
											R22	CR=56% RQD=NIL V	
											R23	25.50 CR=41% RQD=15%	
					Ħ.							26.25	
	Moderately to sligh yellowish grey, fine				d H						R24	CR=50% RQD=31% 27.00	
	fractured rock.	grain	ea, moderatery		╣						R25	CR=57% RQD=13%	
					Щ						R26	27.75 CR=80%	
					Щ						1120	RQD=63%	
					d						R27	CR=51% RQD=32% 29.25	
			_		Image: section of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the con						R28	CR=50% RQD=33%	
			30.00m	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\dashv							30:00	
Ĺ					1							BH-38/Sheet-2	_ 2

Project : Geotech.	Inv. wor	k for Prop. 1 x 6	00 MW S	↓ STPP	at S	inga	reni, A	dilabad	, Telengana	CET	<u>'ES</u>
Job No : 3576		Created by :	Chai	adra	ani	Cre	ated	on:	01/10/2015		
BORE LOG I	DATA	SHEET	BO	RE	\mathbf{H}	OLI	E N	0. 3	19 Co-d	ordinates L=4 N=(-	25.00)177.0
Field Test	Nos	Samples		No	SI			ent Dat n Date		09/15 09/15	•
Penetrometer (SPT)	5	Undisturbed (L	IDS)	2		•		Diamete		mm. / N.X	•
Cone (Pc)		Penetrometer ((SPT)	5	_	evel	Of	Ground	d : 144.	915 m.	
		Disturbed (DS)		7	w	/ate	r Str	uck A	t :		
Vane (V)		Water Sample	(WS)	0	S	tandi	ng Wa	ter Leve	el: 2.7	m.	
DESC	RIPTION	J	SYMB	101 			-VALU			SAMPLES	
					EACH	l DI	√N. =	15cm	Ref. No	Depth (m)
Dark grey, silty cla	v	0.00m									
bark grey, stilly cla	у.	0.80m		\\					DS-1	0.50	
		0.6011			5 8	8	16		SPT-1	1.00-1.4	15
Very stiff, dark	grey	, silty clay	1		٦ ٥						7 .J
with sand mixtu	ure. Ć	bs. kankars.	1						DS-2	1.80	
									UDS-1	2.00-2.4	45
		2.75m					22		DS-3	2.80	
					5 10	12			SPT-2	3.00-3.4	45
Medium dense, bro	ownish	grey, medium							DS-4	3.75	
grained, silty sand.											4 E
									*UDS-2		C+
		4.80m	 				69		DS-5	4.70	
Hard, whitish gre	ey, sil	ty clay. Obs.		\\\2	25 31	38			SPT-3	5.00-5.4	45
kankars.							>100	,	DS-6	5.75	
		6.00m	1		35 51		7	<u> </u>	SPT-4	6.00-6.2	25
Hard, reddish grey,	silty (clay.	1) cm Refus	Pentin.	DS-7	6.70	
		7.00m		닖;	57	-	Kerus	<u> </u>	SPT-5	7.00-7.07	7.0
				$[\]$		7.C) cm	Penth.	R1	CR=35% RQD=NIL	↓
			┟┵┯┸	Н							7.7
			$\parallel \perp \parallel +$	Щ					R2	CR=28% RQD=NIL	V
				Щ					D7	CR=33%	8.5
									R3	RQD=NIL	9.2
				TT					R4	CR=28%]
			┟┼┼┼	႕							10.0
				Щ					R5	CR=25% RQD=NIL	ļ
Highly / moderate	lv wed	thered whitish									10 7
grey to brownish o				丌					R6	CR=32% RQD=NIL	1
rock.	-	-	 - 	H					57	CR=25%	11.5
				Щ					R7	RQD=NIL	12.2
									R8	CR=28%	12.2
				$\top 1$						RQD=NIL	13.0
			 	┤╢					R9	CR=35% RQD=NIL	
			 -	Щ							13.7
									R10	CR=33% RQD=NIL	Į.
									_		14.5
				닊					R11	RQD=24%	15
		15.50m		Щ							15.2
			•	1					•	BH-39	/Shee

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	Project : Geotech. I	nv. woi	rk for Prop. 1 x 6	00MW S	TPP :	at Si	ngarer	ni. Ad	ilabad.	Telengana	CE	rest
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	BO	RE). 3		N=(425.000 -)177.000
	Field Test	Nos	Samples		Nos	1			nt Date Date)9/15)9/15	
	Penetrometer (SPT)	5	Undisturbed (U	-	2	Во	re Ho	le Di	ametei	r: 150	mm. / N.:	x.
	Cone (Pc)		Penetrometer (Disturbed (DS)	(SPT)	5 7	1			round		915 m.	
	Vane (V)		Water Sample	(WS)	0	1			ck At r Leve		m.	
	DESCI	RIPTION	,	SYMB		-	N-V				SAMPLES	
			15.50m		E	ACH	DIVN	<u>. =</u>	15cm.	, Ref. No	Depth CR=40%	(m)
	Highly / moderatel		thered, whitish							R12 R13	RQD=19% CR=38%	16.00 1
	rock.		16.75m		H						RQD=NIL	16.75
	Moderately weathe									R14	CR=48% RQD=19% CR=44%	17.50
			———— 18.25m							R15	RQD=NIL	18.25
										R16	CR=56% RQD=13%	19.00
										R17	CR=53% RQD=40% CR=52%	19.75
										R18	RQD=16%	20.50
•										R19	CR=67% RQD=NIL	21.25
					\Box					R20	CR=57% RQD=20%	22.00
										R21	CR=77% RQD=19%	22.75
	Moderately to slight									R22	CR=71% RQD=36%	23.50
	grey to brownish g rock.	rey, h	ighly fractured							R23	CR=67% RQD=NIL	24.25
										R24	CR=67% RQD=35%	25.00
										R25	CR=80% RQD=28%	25.75
										R26	CR=67% RQD=45%	26.50
										R27	CR=52% RQD=40%	27.25
										R28	CR=63% RQD=NIL	28.00
					\dashv					R29	CR=57% RQD=16%	28.75
					\exists					R30	CR=55% RQD=NIL	↓
			30.00m							R31	CR=52% RQD=12%	29.50 30.00
	N.B. — '*' means be recovered.	sam										
J				1	 					1	BH-39	9/Sheet-2

Project : Geotech. In	ny. Woi	rk for Pron. 1 x 6	00MW 9	↓	at. S	ingar	eni. Ad	ilabad.	Telengana	CETECT
Job No : 3576		Created by:							30/10/2015	
BORE LOG D	ATA	SHEET	B0	RE			e NC			rdinates E=425.000 N=(-)137.000
Field Test	Nos	Samples		No	SI		enceme letion			0/15 0/15
Penetrometer (SPT)	9	Undisturbed (U		2	В	•	Hole Di			mm. / N.X.
Cone (Pc)		Penetrometer (DS)		9 10	-		Of G			561 m.
Vane (V)		Water Sample		0	_ ''		· Stru ng Wate			m.
DESCF			SYME	<u> </u>			VALUE			SAMPLES
DESCR				OL	EACH	l DIV	/N. =	15cm.	Ref. No	Depth (m)
Brownish grey, silty mixture. Obs. kankar nodules.	clay v s & c	0.00m with sand alcareous 0.50m	1, \ `,	////			12		DS-1	0.50
					3 5	7			SPT-1	1.00-1.45
Stiff, deep grey, s	ilty c	lay. Obs. sand							DS-2	1.75
mixture.				//					UDS-1	2.00-2.45
		2.80m					22		DS-3	2.80
					5 6	16			SPT-2	3.00-3.45
Medium dense, ye sand.	ellowi	sh grey, silty							DS-4	3.75
- Carra									*UDS-2	4.00-4.45
		4.75m					<u>57</u>		DS-5	4.75
Very dense, yellowi	sh gr				13 29	28			SPT-3	5.00-5.45
		5.70m					78		DS-6	5.70
Hard, light yello	owish	grey, silty			18 31	47	<u>>100</u>		SPT-4 DS-7	6.00-6.45 6.75
cidy with decompose	su roc				52	12.0	cm F	entn.	SPT-5	7.00-7.12
		7.25m		\coprod^{5}	50	<u>F</u> 7.0	<u>Refusal</u> cm F		*SPT-6 R1	7.25-7.32 7.25 CR=29% RQD=NIL \
										8.00
					NIV -		drilling	fram	R2	CR=35% RQD=NIL
							ta 30.0		R3	8.75 CR=44% RQD=NIL V
				T						9.50
				╁┤					R4	CR=41% RQD=NIL
			╟┼┼┧	H					R5	10.25 CR=48% RQD=NIL V
Highly to moderately			$H \rightarrow H$	┰┧						11,00
grey, medium grair rock.	ned, h	ighly fractured		H					R6	CR=50% RQD=NIL
				H					R7	CR=46% RQD=NIL
				ㅐ					R8	12.50 CR=50% RQD=NIL V
				$\top \parallel$					DO.	13.25 CR=48%
									R9	RQD=NIL
				H					R10	CR=46% RQD=NIL
			$H \rightarrow H$	뉘					R11	14.75 CR=41%
		15.50m								ŘQD=ŇĬĹ † 15.50
				1	·					BH-40/Sheet-1

Project : Geotech. Inv. v	ork for Prop. 1 x 6	BOOMW S	TPP a	at Sii	ngareni	i, Adila	abad,	Telengana	C=	TEST
Job No : 3576	Created by									
BORE LOG DAT	A SHEET	B0	RE		LE				N=	425.000 (-)137.000
Field Test No	Samples		Nos		mmend mple				10/15 10/15	
Penetrometer (SPT) 9	Undisturbed (l	JDS)	2		re Hol				mm. / N.	x.
Cone (Pc)	Penetrometer		9		vel O				561 m.	
	Disturbed (DS)		10	1	ater S					
Vane (V)	Water Sample	(WS)	<u> </u>	Sto	inding N-VA		Level		m. SAMPLES	
DESCRIPTI	ON	SYMB		ACH			5cm.	Ref. No	Depth	(m)
	15.50m	, , , , , , , , , , , , , , , , , , , 	 							Ţ
Moderately weathered,	yellowish grey,		┸╢					R12	CR=54% RQD=NIL	
medium grained, hi	ghly fractured	┟┼┼	╣					R13	CR=60%	16.25
10CK.	17.00m	┧┸┸	Щ					113	RQD=25%	17.00
			-4		,	100		R14	CR=NIL RQD=NIL	↓
			<u></u> 50		9.0 6		ntn.		17.75-17.8 CR=NII	3417.75
Completely weathered, decomposed & disintegra					1 3	<u> 100</u>		R15 DS-9 SPT-8	CR=NIL RQD=NIL	so18 50
collected as sludge.	•			1	8.0 c	- 1 1	nth.		18.50-18.5 CR=NIL ROD=NIL	
	19.25m	∖ ├─ ┼	/ 50			usal _		R16 DS-10 *SPT-9	19.25-19.2	28 19,25
			뮈		3.0 c	m Pe	nth.	R17	CR=35% RQD=NIL	
			Щ					R18	CR=37% RQD=NIL	20.00
										20,75
→								R19	CR=40% RQD=NIL	
								R20	CR=41%	21,50
Highly to moderately yellowish grey, medium			Ή					RZU	CR=41% RQD=NIL	22,25
fractured rock.	g. a.m.o.a,g,	╁┸╌┼						R21	CR=43% RQD=NIL	
		╁┼┼	┦					D 00	CR=48%	23.00
		$H \rightarrow H$	Щ					R22	RQD=NiL	↓ 23.75
			Ш					R23	CR=40% RQD=NIL	
									CR=48%	24 50
	05.05							R24	RQD=NIL	25.25
	25.25m	<u>'</u>						R25	CR=60%	25.25
									RQD=NIL	26,00
			Ц					R26	CR=57% RQD=NIL	↓
								R27	CR=51%	26.75
Moderately weathered			+					1(2)	ŘQD≟ŇÍĽ	₹ 27,50
to yellowish grey, m								R28	CR=58% RQD=35%	6
								200		28,25
			Щ					R29	CR=59% RQD=31%	29.00
			П					R30	CR=58%	23,00
	30 00	, LL	\prod					1,50	RQD=NIL	30.00
ND '*'	30.00m									30.00
N.B. — '*' means sail be recovered.	mple could not									
			1						 BH-4	-0/Sheet-2

	Project : Geotech. I	nv. wor	k for Prop. 1	x 6	OOMW S	↓ TPF	' at	Sing	arer	ni, A	dilat	oad,	Telen	gana	CET	EST	
	Job No : 3576		Created b	о у :							_			•			
	BORE LOG D	ATA	SHEET		BOI	RE					0.				rdinates E=4 N=(-	->97.000 ->97.000	
	Field Test	Nos	Samp	les		No)S				ient n D				0/15 0/15		
	Penetrometer (SPT)	5	Undisturbed	U) b	DS)	2	۱ I		•		Diam				mm. / N.X	ζ.	
	Cone (Pc)		Penetromet	er (SPT)	5	.				Gro				647 m.		
			Disturbed (6					uck						
	Vane (V)		Water Sam	ple	(WS)) (ter l	_evel	. :	3.0 r			
	DESCF	RIPTION	1		SYMB	OL	F۸C			ALU -		cm	Ref	. No	SAMPLES Depth (m)	
			0.0	00m		\exists					13		INCI	. 110	Ворит	1117	
					11/1								DS	S-1	0.50		
										13				,			
	Stiff, brownish brown, silty clay.					\	4 6	5 7					SP	T-1	1.00-1.	45	
	& calcareous nodule												DS	S-2	1.70		
													UD	S-1	2.00-2.	45	
			2.	70m	1	\mathcal{H}				46			DS	5–3	2.70		
	Hard, brownish	arev	to arevi	ish	1		10 1	9 27		70			SP.	T-2	3.00-3.	45	
	brown, silty clay.	Obs.			1	``							DS	5–4	3.65		
	& calcareous nodule	es.											*UD	S-2	4.00-4.	11	
			4.	50m	1	\forall							DS	S-5	4.50		
							162	8 40		<u>68</u>			SP.	T-3	5.00-5.	45	
₽	Hard, whitish gressand mixture.	ey, si	lty clay w	ith		, \								5-6	5.70		+
	sund mixture.						38 10)d	ΙŢ	100	-			, J T−4	6.30-6.3	50	
			6 ·	70m		$\langle \cdot \rangle$	100	ິ 5		cm fus	Pen	tn.		· · PT-5		6.70	
			o.	70111	┟┖┼┞╌	\dashv	100	3	-		Pen	tn.	R		6.70-6.73 CR=30% ROD=NIL		
	Highly weathered,	liaht	brownish a	rev		Ш							Ь	2	CR=32%	7.30	
	to reddish brwon,												K		RQD=NIL	8.00	
											ıg fr		R	3	CR=33% RQD=18%	↓	
			8.	75m		ᅢ	6	. 10m	TO	3ψ	.0 0 m		_	. 4	CR=36%	8.75	
					┟┶╌┼┼								K	4	RQD=NIL	9.50	
					┞┼┼	Щ							R	5	CR=33% RQD=NIL		
						Щ									1	0.25	
						Ш							R	6	CR=38% RQD=NIL	1,00	
													R	7	CR=40%	1:00	
	Highly to moderatel brown to brownish													,		1.75	
	grianed, moderate	ely fr	actured ro		┞┼┼┼	쒸							R	8	CR=38% RQD=NIL	.	
	Obs. laminated sand	istone.			╟┼┼	Н							_		1 CR=38%	2.50	
					<u> </u>	Щ							K	9	RQD=NIL	3.25	
						Щ							R	10	CR=50% RQD=NIL	1	
																4.00	
					$\prod \prod$	ŢŢ							R	111	RQD=NIL	4.75	
					╟┸┰								R	12	CR=421% RQD=NIL	1	
			15.	50m		뷬										5.50	
					Page	1	/ 0 17	_							BH-41	l ∕Sheet-1	

	Project : Geotech. I	nv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at Si	ngarei	ni, Ad	ilabad,	Telengana	CETEST
	Job No : 3576		Created by:							30/10/2015	
	BORE LOG D	ATA	SHEET	BO	RE	HC	LE	NO). 4	1 Co-o	rdinates E=425.000 N=(-)97.000
	Field Test	Nos	Samples		No	SI			nt Date	e: 11/	10/15
İ	Penetrometer (SPT)	5	Undisturbed (U	DS)	2				Date amete		10/15 mm. / N.X.
	Cone (Pc)		Penetrometer ((SPT)	5	Le	vel	Of G	round	: 144.	647 m.
	Vane (V)		Disturbed (DS)	(110)	6	- 1			ck At		
	varie (v)		Water Sample	(WS)	<u>0</u>	Sto		Wate ALUE	er Leve	1	m. SAMPLES
	DESCF	RIPTION	1	SYMB		EACH			15cm	 	Depth (m)
•			15.50m							R13	CR=43% RQD=14%
					 					R14	16.25 CR=46% RQD=NIL 17.00
	Highly to moderatel				<u> </u> 					R15	CR=30% RQD=NIL 17.75
	grianed, moderate Obs. laminated sand	ely fr	actured rock.							R16	CR=40% RQD=NIL 18.50
										R17 R18	CR=43% RQD=NIL 19.25 CR=45% RQD=14%
										R19	20.00 CR=46% RQD=32%
•			———— 20.75m							R20	20.75 CR=32% RQD=NIL 21.50
	Highly to moderate grey to brownish gre				$\prod_{i \in I}$					R21	CR=45% RQD=NIL 22.25
	grained rock.	<i>,</i>								R22	CR=48% RQD=33% 23.00
			23.75m							R23	CR=37% RQD=NIL 23.75 CR=33%
										R24 R25	RQD=20% 24.50 CR=53% RQD=45%
										R26	25.25 CR=42% RQD=34%
	Highly to moderatel brown to brownish fractured rock.				$\prod_{i \in I}$					R27	26.00 CR=46% RQD=13% 26.75
										R28	CR=54% RQD=NIL 27.50
										R29	CR=45% RQD=28% 28.25 CR=48%
	Slightly weathere to brownish grey, fi									R30	RQD=14% 29.00 CR=60%
	rock.	ne gro	30.00m							1,51	RQD=NIL 30.00
	N.B. — '*' means be recovered.	sam	ole could not								
					1						BH-41/Sheet-2

-	Inv. wor	k for Prop. 1										CETES
lob No : 3576	D 4 D 4	Created	<u> </u>								<u>'</u>	T 405.00
BORE LOG	DATA	SHEET		BOI	KE.					42		N=(-)57.00
Field Test	Nos	Samp	oles		Nos	i I				Date Date		0/15 0/15
Penetrometer (SPT) 5	Undisturbe	d (UI	DS)	2	- 1				neter		mm. / N.X.
Cone (Pc)		Penetrome	•	SPT)	5	- 1				und		194 m.
/ane (V)		Disturbed		,,,,,,	5	- 1				κ At		
varie (v)		Water Sam	iple ((WS)	1	St		ng W -VALl		Level		m. SAMPLES
DES	CRIPTION	1		SYMB		ACH				5cm.	Ref. No	Depth (m)
		0.	.00m		₹							
					`						DS-1	0.50
			,	11/1				20	1		CDT 4	1 00 1 15
Very stiff, brown	nish gr	ey to grey	/ish		\]'	3 9	'				SPT-1	1.00-1.45
prown, silty clay w calcareous nodu		u mixture. (JDS.								DS-2	1.70
					\\						UDS-1	2.00-2.45
								<u>30</u>			DS-3 WS-1	2.70 2.80
		3.	.45m		T] ⁸	3 13	17				SPT-2	3.00-3.45
Dense, brownish traces of clay bir		ilty sand v	with								*UDS-2	4.00-4.45
ruces of citay bir	idei.							44				
		5.	.50m		1	3 15	29				SPT-3	5.00-5.45
Hard, reddish brown, s	ilty clay				, \	5		<u> 10</u>			DS-4 SPT-4	5.70 6.00-6.12
		6.	.30m		\ 5	o	12.0	<u> 10</u>			*SPT-5	6.30- <u>6</u> .32 6.3 0
							2.0) þm	ıl Pei	nth.	R1	CR=35% RQD=NIL
					ΤΊ						R2	7.00 CR=36%
				<u> </u>	ᅦ'			drill to 3				RQD=NIL 7.75
					Н	0			J. 50.	"	R3	CR=40% RQD=NIL
			ļ	┦┤┼	Щ						R4	8.50 CR=50%
				\coprod	Щ						114	ŘQD≟ŇÍL
					Щ						R5	CR=46% RQD=NIL
					Ш						R6	10.00 <u>CR</u> =50%
Highly to moderat orown to reddish											Ko	RQD=NIL
nighly fractured ro		·····o g. a.v.	, ,	╏							R7	CR=38% RQD=NIL
				╟┸ ╌ ┟┤ ┃ ┃┃	ᅦ						D.0	11.50 CR=38%
					ㅐ						R8	RQD=NIL 12.25
					Щ						R9	CR=38% RQD=NIL
				╟┼┼	Щ							13.00 CR=50%
				ЩЦ							R10	RQD=NIL 13.75
											R11	CR=45% RQD=NIL
				<u> </u>	ĪΠ							14.50
Highly to moderately v grey, fine grained, mo		fractured) DE :	┌╵ ┈							R12	CR=56% RQD=32%
ock. Obs. reddish sp		10.	.25m .50m				1		1			15.25

Γ	Project : Geotec	h Inv way	k for Prop. 1 x 6	nniuw s	↓	of Ci-	n go vo	si Adi	lohod	Tolongor	no	CETECT
-	Job No: 3576	n. mv. wor	Created by:							$\frac{10101121}{30/10/20}$		eet No:
	BORE LOG	DATA	SHEET	BOI	RE	НС	LE	NO	. 4	2 Co.	ordinat	tes E=425.000 N=(-)57.000
Ī	Field Test	Nos	Samples		No	SI			nt Date Date		6/10/15 0/10/15	5
Ī	Penetrometer (SF	PT) 5	Undisturbed (U	DS)	2				ameter		50 mm.	
	Cone (Pc)		Penetrometer (SPT)	5				round		45.194 r	n.
	Vane (V)		Disturbed (DS) Water Sample	(WC)	5 1				ck At r Leve		.8 m.	
-			·		<u> </u>	311		ALUE	Leve	. 2.0	SAMPL	ES
	DE	SCRIPTION	N	SYMB		EACH			15cm.	Ref. N	No De	epth (m)
			15.50m							R13	3 CR	=44% D=20%
										R1	4 CR	16.00 =39% D=NIL
										R1:	5 CR	16.75 =46% D=NIL 17.50
										R1	6 CR	=58% D=33% V 18.25
										R1		=40% D=22% 19.00
										R18	RQI	=49% D=34% ↓ 19.75
					Щ					R19	CD-	=36% D=22% 20.50
•										R20	.o RQI	=32% D=14% ↓ 21.25
	Highly to modero	ed, moder								R2	CD-	=37% D=NIL
	rock. Obs. reddis	sh spots.								R2:	·² RQI	D=NIL † 22.75
										R23	CR:	=44% D=20% 23.50 =40%
										R2:	·4 RQI	D≐ŇÍĽ
					州					KZ.		25.00
										R2	26 CR	=50% D=24% ▼ 25.75
										R2		=41% D=17% 26.50
					Щ					R28		=42% D=26% V 27.25
										R29	9 CR	=32% D=18% V 28.00
			28.75m							R30	RQI	=40% D=NIL
	Moderately wea fine grained,		prownish grey,							R3	1 CR	=54% D=NIL V
	rock. Obs. reddis		30.00m							R3:	2 CR	=56% 29 50 D=26% 30.00
	N.B. — '*' med be recovered.	ans sam	ple could not									
				•	1	• !	•			•	•	BH-42/Sheet-2

Project : Geotech. I	nv. wor												CETES
lob No : 3576		Create	d by:	Char	ndra	ni	Cre	ate	ed o	n :	23/10	0/2015	
BORE LOG D	ATA	SHEE	T =	B0	RE	H	OL	E	NO	. 4	3	Co-o	rdinates E=465.00 N=(-)177.00
Field Test	Nos	Sa	mples		No:	SI				nt Dat			9/15
Penetrometer (SPT)	7	Undistur	bed (U	IDS)	2	- 1				Date amete		25/0	9/15 mm. / N.X.
	'	Penetror	neter ((SPT)	7	- 1				ound			767 m.
Cone (Pc)		Disturbe	d (DS)		8	- 1				ck A			0 , 111.
/ane (V)		Water S	ample	(WS)	0	- 1				r Lev		2.7 r	n.
DESCE	RIPTION	J		SYMB	101				LUE				SAMPLES
						EACH	l Di	VN.	=	15cm	ı. Re	f. No	Depth (m)
			0.00m										
Very stiff, silty c	day (Ohe kar	nkare	11/1							D	S-1	0.50
rusty sptos.	iuy. V	obs. Kai	ikui 5,			5 7	9	ŀ	<u>16</u>		21	PT-1	1.00-1.45
			1 75			\mathbf{I}'							
			· 1.75m									S-2	1.75
				1								DS-1	2.00-2.45
Hard doon are:	sil+v -	day with	5 4 5 d					4	12			S-3	2.75
Hard, deep grey, s mixture. Obs. kan					`\\1	3 19	23				SF	PT-2	3.00-3.45
nodules.				11/1							D	S-4	3.80
					\\				4 1		*U	DS-2	4.00-4.09
					1	 4 19	22		+		SF	PT-3	4.50-4.95
Very dense, greyish	hrov	vn siltv	5.00m sand.		Ì				4.00		l D	S-5	5.20
Obs. kankars.	1 510	vii, siity	5.50m		Щ.	1 21	51	7	<u>100</u>			PT-4	5.50-5.83
					`		136			entn.			
				11/1	`	, / E 1		*	<u> 100</u>			S-6 PT-5	6.30
Jard dark ares t		a:1+	مامير			4 5	10.	0 0	cm F	entn		71-5	6.50-6.75
Hard, dark grey t	o gre	ey, siity	ciay.		3			1	<u> 100</u>			S-7	7.20
					13	39 52	6.0		_ D	enth.		PT-6	7.50-7.71
								- 1	100			S-8	8.00
			-8.50m		户	52		Т				PT-7	8.50-8.59 8.50 CR=25%
							9.0) b	m P	enth.		₹1	RQD=NIL ≬
											١,	R2	9.25 CR=32%
					T' '				ill i ng 30.00	from	'	_	RQD=NIL
Highly to moderate	elv we	eathered.	arev	H	╁╢	0.0		19	3ψ.υ	,	1	₹3	CR=31% RQD=NIL V
to reddish grey,	medi			$H \rightarrow H$	Щ								10,75
nighly fractured rocl	K.										1	₹4	CR=35% RQD=NIL
				$\ \cdot\ $							١,) E	11.50 CR=48%
					TH.						'	₹5	RQD=NIL ↓ 12.25
					╁┼╢							₹6	CR=43% RQD=19% V
			13.00m	#	H								13,00
Highly weathered, w	hitish	arev m	adium								1	₹7	CR=36% RQD=13% ▼
grained, highly fract			eatuili										13.75 CR=30%
					十十							₹8	RQD=NIL 14.50
Highly to moderately	weathe	red, deep			┼╢						,	₹9	CR=36%
grey, medium to fine	graine	d, highly	15.25m		Щ						'		RQD=NIL † 15,25
ractured rock.			15.50m	باحتيا	Щ								۵.

Г	D : 4 G : 1	•			001/777 (↓	4 62			4 3 2 3	•	m 1	/
	Project : Geotech Job No : 3576	ı. Inv.	wor	Created by :									Sheet No:
ŀ	BORE LOG	DAT	ΓA	<u> </u>		RE						' ''	rdinates E=465.000 N=(-)177.000
Ì	Field Test	N	os	Samples		Nos	1	nmer					09/15
-	Penetrometer (SP	T) :	,	Undisturbed (U	DS)	2	1	mple e Ho					09/15 mm. / N.X.
	Cone (Pc)			Penetrometer ((SPT)	7	1	vel					767 m.
				Disturbed (DS)		8	Wo	ıter	Str	ruck	Αt	:	
	Vane (V)			Water Sample	(WS)	0	Sto	nding	y Wo	ater I	Level		
	DES	SCRIPT	101	I	SYMB		4.01.1	N-V					SAMPLES
-				15.50m		E/	ACH 	אעוט	I. = 	= 15	cm.	Ref. No	Depth (m) CR=43%
	Highly to moder			athered, deep								R10 R11	RQD=20% 16.00 CR=37%
	grey, medium to fractured rock.	o tine	g	rainea, nigniy								R12	RQD=27% 16.75 CR=40% RQD=20%
-				——— 17.50m								R13	17.50 CR=42% RQD=NIL
	Moderately weareddish grey, marketured rock.											R14	18.25 CR=47% RQD=NIL 19.00
				19.75m								R15	CR=41% RQD=16% 19.75
												R16	CR=51% RQD=NIL 7 20,50
▶	Moderately wear											R17	CR=56% RQD=NIL 21.25 CR=58%
	fractured rock.											R18 R19	RQD=NIL
				22.75m								R20	RQD=19%
	Slightly weathe grey, fine grained					\blacksquare						R21	23.50 CR=50% RQD=NIL
	fractured rock.											R22	24.25 CR=70% RQD=28%
-				25.00m								R23	25.00 CR=44% RQD=24% V 25.75
												R24	CR=46% RQD=21% 26.50
	Moderately weat				├ │							R25	CR=40% RQD=NIL 7 27.25
	grey, fine grained fractured rock.	d, hig	าโy	to moderately								R26	CR=65% RQD=56% 28.00
						\parallel						R27	CR=60% RQD=51% V 28.75 CR=41%
												R28 R29	RQD=NIL
				30.00m	┟┴┴─┴								30:00
	N.B. — '*' mea be recovered.	ns so	ımţ	ole could not									
•						1							BH-43/Sheet-2

	Project : Geotech. I	nv. woi	k for Prop. 1 x 6	00MW S	↓ STPP	at	Singa	arer	ni, Ad	ilabad,	Telengana	CETES'	T
	Job No : 3576		Created by:										
	BORE LOG D	ATA	SHEET	BO	RE	I	HOL	E	NO). 4	4 Co-c	rdinates E=465.00 N=(-)137.00	00 00
	Field Test	Nos	Samples		No	s				nt Date		09/15 09/15	
Ì	Penetrometer (SPT)	8	Undisturbed (U	IDS)	2			•		Date iametei		mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	8	,				round		396 m.	
	Vane (V)		Disturbed (DS)	(MC)	8					ck At			
	vulle (v)		Water Sample		<u>0</u>				wate ALUE	er Leve		m. SAMPLES	\dashv
	DESCI	RIPTION	1	SYMB	OL	EA					Ref. No	Depth (m)	
	Brownish grey, si Obs. kankars & cald	lty cl careou	0.00m ay with sand. s nodules. 0.75m	\ ' \ '					4.7		DS-1	0.50	
						4	6 7		<u>13</u>		SPT-1	1.00-1.45	
					`.]						DS-2	1.75	
	Stiff to very stif	f, dee	ep grey, silty								UDS-1	2.00-2.45	
	•								25		DS-3	2.80	
			3.50m			7	11 14				SPT-2	3.00-3.45	
	Very dense, yell	owisl							56		DS-4 *UDS-2	3.75 4.00-4.09	
	sand. Obs. kanakrs.	, O W 131	i gicy, sitty			13	19 37		<u>50</u>		SPT-3	4.50-4.95	
•			5.60m					>	100		DS-5	5.50	+
	Very dense, browni Obs. kankars.	sh gr			4	45	50 4.			Panth	SPT-4	6.00-6.19	
	Hard, dark grey to	redd	ish grey, silty		∜,	50		k	100	enth.	DS-6 SPT-5	6.60 7.00-7.12	
	sand.		7.25m			50	12.			Pentn.	SPT-6	7.25-7.33 7.25	
							8.	0	cm F	Pentn.	R1	CR=31% RQD=NIL	
					\prod	XN	rotar	v d	rill i nc	from	R2	CR=40% RQD=NIL 8.75	
					\perp		7.25m		_		R3	CR=28% RQD=NIL 9.50	
					╣						R4	CR=37% RQD=NIL 10.25	
	Highly weathered	l. red	dish arev to		\prod						R5	CR=38% RQD=NIL 11.00	
	light yellowish gre highly fractured roc	y, me									R6	CR=35% RQD=NIL 11.75	
					\coprod						R7	CR=29% RQD=NIL 12.50	
					\prod						R8	CR=31% RQD=NIL 13.25	
											R9	CR=36% RQD=NIL 14.00	
					\prod						R10	CR=32% RQD=NIL 14.75	
			——— 15.50m								R11	CR=35% RQD=NIL 15.50	
l				1	1					1 1	l	BH-44/Sheet	— :−1

[Project : Geotech. I	nv. wor	k for Prop. 1 x 6	OOMW S	↓	at S	ings	ren	i. Ad	lilaha	ad.	Telenga	na	(=T=5	
	Job No : 3576		Created by:												_
	BORE LOG D	ATA	SHEET	BO	RE	H	OL	E	N).	44	L Co	o-or	rdinates E=465.00 N=(-)137.00)O 00
	Field Test	Nos	Samples		No	S				ent D				9/15	
	Penetrometer (SPT)	8	Undisturbed (U	IDS)	2	- 1		•		n Do iame				9/15 mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	8	-	eve	ιc	of C	rou	nd	: 1	45.3	396 m.	
	Vane (V)		Disturbed (DS)	4	8	'				ıck			_		
	varie (v)		Water Sample	(WS)	0	S		ing -VA		er Le	evel T	: 2	.6 r	m. SAMPLES	\dashv
	DESCF	RIPTION	J	SYMB	아	EACH					m.	Ref.		Depth (m)	\dashv
,	Moderately weather				T L								12	CR=44% RQD=25% 16.2	
	fractured rock.		47.00		Щ							R	13	CR=41% RQD=13%	
			——— 17.00m		H							R	14	17.0 CR=35% RQD=NIL ↓ 17.7	
	Highly to moderatel				Ī							R	15	CR=39% RQD=NIL V	- 0
	grey to light yellow moderately fractured											R	16	18.5 CR=47% RQD=40% V 19.2	
			20.00m									R	17	CR=48% RQD=NIL ▼ 20.0	
					\Box							R	18	CR=60% RQD=33% ↓ 20.7	75
•					井							R	19	CR=58% RQD=19% ▼ 21.5	← 50
												R	20	CR=69% RQD=53% ▼ 22.2	25
					\blacksquare							R	21	CR=57% RQD=13% ▼ 23.0	00
	Moderately to slight grey to light yellow											R	22	CR=53% RQD=NIL ↓ 23.7	75
	moderately fractured				4							R	23	CR=57% RQD=NIL ▼ 24.5	
												R	24	CR=60% RQD=NIL ▼ 25.2	
					\blacksquare							R	25	CR=55% RQD=NIL ▼ 26.0	
												R	26	CR=68% RQD=17% ▼ 26.7	75
			27.50m									R	27	CR=63% RQD=44% ↓ 27.5	50
	Completely weather decomposed & disin					52	3.	0 6		- -ent	n.	*SPT-	29	CR=NIL RQD=NIL ↓ 28.25-28.2828.2 CR=NIL RQD=NIL ↓	25
	collected as sludge.					50	3.		<u>usa</u> m	ا ⊃ent	n.		8 -8 30	29.00-29.03 29.0 CR=NIL)0
			30.00m									ĸ	.50	RQD=NIL 30.0	00
	N.B. — '*' means be recovered.	sam	ple could not												
L				1	1					ı				BH-44/Sheet	 :−2

Project : Ge	eotech	Inv. wor	k for Prop). 1 y ß	00MW S	↓	n at	Si	ทูตลา	reni	Adi	labad	Telengar	na 🔽	
	576	12277 1102	Created					_							No:
BORE LO	0G]	DATA	SHEE	T	BO	RE]	\mathbf{H})LI	E]	0	. 4	5 Co	-ordinates	E=465.000 N=(-)57.000
Field Tes	st	Nos	Sa	mples		No	s					t Date		9/09/15	
Penetrometer	(SPT)	8	Undistur	bed (L	IDS)	2	-					Date meter		2/10/15 50 mm./	N.X.
	(=, .,		Penetror	neter ((SPT)	8	3					ound		45.36 m.	14.74.
Cone (Pc)			Disturbe	d (DS)		8	3	W	ate	r S	truc	k At	:		
Vane (V)			Water So	ample	(WS)	_ c		Sto	andi	ng V	Vate	Leve	: 2.	2 m.	
	DESC	CRIPTION	J		SYMB	OL-				-VAL				SAMPLES	
			-	0.00			EA	CH	יום	۷N.	= '	15cm.	Ref. N	No Dept	:h (m)
Brownish grey	, silty	/ clay. (Obs. calc	0.00m areous	1/,/								DO .		50
nodules.				_0.50m	I\ \ \					.	,		DS-	1 0.	.50
						\	4	6	7	13	2		SPT-	1.00	-1.45
Stiff, deep br						\\							DS-2	2 1.	.75
silty clay. Ob	os. kar	nkars &	sand m	ixture.									UDS-	-1 2.00	-2.45
				- 2.80m		/							 DS-3	3 2	.80
				2.00111			7	17	35	<u>52</u>	2		SPT-		-3.45
Hard roddio	h aro	v +a d	oo arov	o: 1+v									DS-4		.75
Hard, reddis					1/1								*UDS-		.73 -4.08
							22 -	40	50	<u> </u>	<u> </u>		SPT-	7 1 50	-4.88
				- 5.00m			~~	42	8.C) cn	η P	entn.	371-	3 4.50	-4.00
Hard, reddis	h gre	y to de	eep grey,	silty						×10	00		DS-5	5 5.	.40
clay with san							30	50	5.C		Т	enth.	SPT-	4 6.00	-6.20
				- 6.25m		丑	50			 1 1	<u> </u>		I	5 6.25-6. CR=38	33 6.2
						Щ			8.0) ¢n	ገ P	enth.	R1	RQD=N	Ńί∟ ↓ 7.00
													R2	CR=35	5%
							KN	ro	tary	dril	ling	from		RQD=N	7.7
						Щ		6.2	5m	to 3	sø.öd	m	R3	CR=48 RQD=N	NIL ∳
					╟─┼┴	Н							R4	CR=43	8.50 3%
					 	Щ							K4	RQD=N	NIL ∲ 9.25
						Щ							R5	CR=41 RQD=N	%
Highly to m														CR=48	10.00
grey to redd fractured rock		rey, me	easum gr	ainea,									R6	RQD=N	
						$\overline{ }$							R7	CR=41 RQD=N	%
						╁┤									11,50
						Щ							R8	CR=43 RQD=1	NIL ∳
						Щ							R9	CR=45	12.25 5%
						뷔								RQD=N	13,00
						Щ							R10	CR=29 RQD=N	NIL ∳
													R11	CR=31	13.7! <u> </u>
				14.50m		\Box								RQD=N	۱۷ ∤ 14.50
Comppletely decomposed &						\triangle				Refu	sal		DS-6	CR=NI RQD=N	\ \ \ \
collected as			•	15.50m			52		3.0			entn.	*ŠPT-		5.2815.25
					1	1		1				1 7	I	IB	

ſ	Project : Geotech.	Inv wa	dr for Drop 1 v 6	UUMM C	ממיני	ot Sir	ngoroni	Adilahad	l Tolongon	. CITECT	
	Job No : 3576	111v. woi	Created by :								
	BORE LOG I	OATA	<u>'</u>							-ordinates E=465.000 N=⟨-⟩57.000	
	Field Test	Nos	Samples		Nos			ement Da ion Dat	te: 29	/09/15 /10/15	
İ	Penetrometer (SPT)	8	Undisturbed (U	-	2	1	•	Diamet		0 mm. / N.X.	
	Cone (Pc)		Penetrometer (SPT)	8	1 -		Groun		5.36 m.	
	Vane (V)		Disturbed (DS)	(MC)	8	1		truck A			
	· ·		Water Sample		Ť	310	N-VAL	Water Lev	/ei : Z.Z	2 m. SAMPLES	
	DESC	RIPTION	N	SYMB	OLE	ACH			n. Ref. N		
	Comppletely weathe decomposed & disin collected as sludge	tegrate			55	6	Refu	n Pentn <u>ısal</u>	DS-8 *SPT-8	7 16.00-16.0416.00 CR=NIL RQD=NIL 8 16.75-16.7816.75	
	Highly to moderat yellowish grey to r to fine grained, h fractured rock.	eďdish	grey, medium				3.0 cr	n Penth	· R15	17.50	
	fractured rock.		19.00m						R17	CD-429/	
			13.00111						R18	CD-609/	
	Moderately weather	rey, m	edium to fine						R19	OD-45%	
•	grained, highly to rock.	moder	ately fractured						R20	21.25	•
			22.00m	<u> </u>	Ц				R21	CR=53% RQD=16% 22.00	
									R22	CR=45% RQD=NIL 22.75	
									R23	CD_659/	
	Moderately weathe	ered, l	ight yellowish						R24	CD-50%	
	grey to reddish g grained, highly to								R25	CD-409/	
	rock.								R26	CD-45%	
					Щ				R27	CD-409/	
			27.25m						R28	CD-469/	
			27.23111						R29	CD_E19/	
	Moderately weather grey to reddish g grained, highly to	rey, m	edium to fine						R30	CD-60%	
	rock.	7110001	atory made and						R31	CR=58% RQD=22%	
			30.00m						R32	CR=60% 29.50 RQD=28% 30.00	
	N.B. — '*' means be recovered.	s sam	ple could not								
										BH-45/Sheet-2	:

Project : Geotech. In	nv. woi										CETEST
Job No : 3576	A TT A	Created by:				•				<u> </u>	
BORE LOG D	1		BO			IOI		NC). 4(nt Date		rdinates E=495.000 N=(-)282.000
Field Test	Nos	Samples		No	SI				Date		09/15
Penetrometer (SPT)	12	Undisturbed (U		3			•		ameter		mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	12					round		741 m.
Vane (V)		Disturbed (DS)	(WC)	13	- 1				ck At		
Valle (V)		Water Sample		1				ALUE	r Level		SAMPLES
DESCF	RIPTION	J	SYMB		EAC				15cm.	Ref. No	Depth (m)
Medium dense, yello grey, silty sand. O										DS-1	0.50
					4	4 7		11		SPT-1	1.00-1.45
										DS-2	1.70
										UDS-1	2.00-2.45
Stiff to very stiff, I brown, silty clay. Ob								1 7		DS-3	2.80
brown, swey eray. Or	<i>5</i> 0. 00	na mixtaro.			4	7 10		<u>17</u>		SPT-2	3.00-3.45
										DS-4	3.75
										UDS-2	4.00-4.45
		4.75m						4 -		DS-5	4.75
					5	7 8		<u>15</u>		SPT-3	5.00-5.45
Medium dense, bro silty sand. Obs. ca										DS-6	5.70
kankars.										*UDS-3	6.00-6.08
		6.50m			123	32 5 <u>C</u>) _	100		SPT-4	6.50-6.85
				,	143	5 50) 2	cm F 100 cm F		SPT-5	7.00-7.35
										DS-7	7.75
Very dense, brown silty sand. Obs. calkankars.				4	47 5			100 cm	Pentn.	SPT-6	8.00-8.28
						'		100		DS-8	8.75
		0.40		5	53	17			Pentn.	SPT-7	9.00-9.13
Very dense, brownish	h grey	9.40m v, silty medium	h :::: :::			'`				DS-9	9.70
to coarse grained s	and. ()bs. mica. 10.00m		Щ,	52		2	100			10.00-10.1210,00
				\ \ 		12	lo	cm F	entn.	R1	CR=36% RQD=13%
				$\top \parallel$	NI →	p. 4	ļ.	 	 	R2	10.75 CR=43% RQD=25%
Iliable to		العادات المصمطاب		╁╫			1.	o 25.	from 00m		11,50
Highly to moderatel grey, medium to confractured rock.										R3	CR=41% RQD=NIL
										R4	12.25 CR=29% RQD=NIL
		13.00m		Щ							13.00
				1				-			BH-46/Sheet-1

Project : Geotech. In	nv wor	k for Prop. 1 x 6	OOMW S	TPP	at Si	ngar	ni	Adilal	nad	Telengan	· CETEST
Job No : 3576	. WOI	Created by:								30/10/20	
BORE LOG D	ATA	SHEET	BOI	RE	H	OLE	N	10.	46	3 Co-	ordinates E=495.000 N=<-)282.000
Field Test	Nos	Samples		Nos				nent			/09/15 /09/15
Penetrometer (SPT)	12	Undisturbed (U	IDS)	3	1	•		on D Diam			/09/15 D mm. / N.X.
Cone (Pc)		Penetrometer ((SPT)	12	- 1			Gro			5.741 m.
Vane (V)		Disturbed (DS) Water Sample	(WC)	13 0				ruck ater I			5 m.
		·		Ť	30		y W VALL		_evei	, , ,,,	SAMPLES
DESCR	RIPTION		SYMB		ACH				cm.	Ref. N	Depth (m)
		13.00m		=							CR=49%
Highly to moderatel				-∦-						R5	RQD=29%
grey, medium to co	arse	grained, highly		Щ						R6	13.75 CR=28%
		14.50m								, Ko	RQD=NIL 14.50
		11.50111	<u> </u>							R7	CR=NIL RQD=NIL
				$\overline{}_{5}$	2		<u> 10</u>	<u>0</u>		DS-10 SPT-9	45,05
Completely weather	red c	lecomposed &				12.0		Pen	tn.	R8	CR=NIL
disintegrated rock				5			<u> 10</u>			DS-11 SPT-10	0 16.00-16.10
Obs. mica.						10.0	cm <u>10 <</u>	Pen n	tn.	R9 DS-12	CR=NIL RQD=NIL
				 5	3	8.0		Pen	th	SPT-1	
		17.50m		\Box_{ϵ}			> <u>10</u>	l I		R10 DS-13	RQD=NIL 🕴
•		17.50m		₹5	2	8.0	cm	 Pen	itn.	SPI-1: R11	2 17.50-17.58 ^{17.50} CR=52%
											RQD=NIL 18.25
				Д						R12	CR=48% RQD=NIL
 Moderately weather	red. v	ellowish arev.		I							19,00
medium grained, h				\mathbf{T}						R13	CR=46% RQD=NIL
iractured rock.											19.75 CR=45%
										R14	RQD=20%
										R15	CR=52%
		21.25m		Ц						KIS	RQD=20% 21.25
		21.20111		Ц						R16	CR=67% RQD=13%
				Ц							22,00
										R17	CR=80% RQD=20%
Slightly weathered,	deep	grey, medium		\exists							22.75
to fine grained, m				\Box						R18	CR=67% RQD=59%
TOCK.											23.50 CR=69%
				4						R19	RQD=49%
				Д						R20	24.25 CR=61%
		25.00m								1,20	RQD=15% 25.00
N.B. — '*' means be recovered.	sam	ple could not									
				<u> </u>							BH-46/Sheet-2

	Project : Geotech. I	nv. wor	k for Prop	. 1 x 6	OOMW S	↓ STPF	o a	t Si	ingaı	eni,	Ad	ilabad,	Telen	ngana	CET	rest
İ	Job No : 3576		Created	by:	Char	ndr	an	i	Cre	ate	d c	n:	31/10	/2015		
	BORE LOG D	ATA	SHEE	T	BO	RE). 4			rdinates E=5 N=(-	-)191.000
	Field Test	Nos	Sar	mples		No	os					nt Dat Date			19/15 19/15	
İ	Penetrometer (SPT)	6	Undisturb	oed (U	DS)	2	2		•			amete.			mm. / N.)	ζ.
	Cone (Pc)		Penetrom		SPT)	ε	3	Le	evel	Of	f G	round	d :	145.8	362 m.	
	Vane (V)		Disturbed		(11/0)	3						ck A		- 4		
	valle (v)		Water Sc	ımple	(WS)	C)	St		ng \ -VAL		er Leve	:: 	3.1 r	m. SAMPLES	
	DESCF	RIPTION	1		SYMB	OL	ΕA	СН				15cm	. Ref		Depth ((m)
	Yellowish grey, s			0.00m andy 0.50m	11881 1881									S-1	0.50	
				u.sum										5-1	0.50	
							2	5	6	1	<u>1</u>		SP	PT-1	1.00-1.	45
	Medium dense, deep sand with traces of			silty									DS	5–2	1.70	
														S-1	2.00-2.	45
				3.00m						1	6		DS	5–3	2.75	
				0.00111			6	7	9				SP	T-2	3.00-3.	45
	Madium damas va	ئىرىمالە	- l	-: 14									DS	5-4	3.70	
	Medium dense, ye sand / sandy silt v			Silly									UD	S-2	4.00-4.	45
→											1		DS	S-5	4.75	•
				5.00m			17	22	39	6	4		SP	T-3	5.00-5.	45
						`\]							DS	6-6	5.70	
	Hard, reddish bro grey patches.	wn, s	ilty clay	with)	21	32	50 12.0	<u> </u>		Pentn.	SP	T-4	6.00-6.	42
	grey pateries.				1.	\ I) 1 <u> </u>			DS	5-7	6.75	
							53	52					SP	T-5	7.00-7.	29
				7.70m	1,1				14.0) cr	n F	enth.	l De	S-8	7.70	
				7.70111		Щ	52	50		<u> </u>	<u>olo</u>			T-6		8,00
						<u> </u> 	JZ	50	10.0) c	m F	entn.		21	8.00-8.25 CR=33% RQD=NIL	8.75
							N	(ro	otary	dri	lling	from		R2	CR=31% RQD=NIL	↓
						$\overline{\parallel}$		8.0	00m	to :	25.0	00m	R	23	CR=29% RQD=NIL	9.50
	Highly weathered, grained, highly fract			fine		_ <u> </u> 							R	₹4	CR=33% RQD=NIL	10.25
					╟ ┈ ┼ ┃┃ ┃┃	丗										11,00
													R	₹5	CR=24% RQD=NIL	11.75
													R	? 6	CR=24% RQD=NIL	
						$ \vec{\ } $									•	12,50
			1	3.00m		世							R	R7	CR=27% RQD=NIL	<u> </u>
l				2.00111	1	1				_		1 1	1			7/Sheet-1

ſ	Project : Geotech. I	nv. woi	rk for Prop. 1 x 6	00MW S	↓ STPP a	t. Singare	ni. A	dilabad.	Telengana	C=T=ST
	Job No : 3576		Created by:							
	BORE LOG D	ATA	SHEET	BO	RE	HOLE				rdinates E=518.000 N=(-)191.000
	Field Test	Nos	Samples		Nos			ent Date n Date		09/15 09/15
	Penetrometer (SPT)	6	Undisturbed (U		2)iameter		mm. / N.X.
	Cone (Pc)		Penetrometer ((SPT)	6			Ground		362 m.
	Vane (V)		Disturbed (DS) Water Sample	(WS)	8 0			uck At ter Level		m
ŀ	DECO		·				/ALUE			SAMPLES
	DESCI	TIP HOI			E A	CH DIV	N. =	15cm.	Ref. No	Depth (m)
-	Highly weathered, grained, highly weathered fine grained, highly Highly to moderated brown, fine grained rock.	ed, rehly fr	13.00m 13.00m 20.00m ddish brown, actured rock. 20.75m							Depth (m) 13.25 CR=33% RQD=NIL 14.00 CR=40% RQD=NIL 14.75 CR=31% RQD=NIL 15.50 CR=27% RQD=NIL 17.75 CR=32% RQD=NIL 17.75 CR=25% RQD=NIL 17.75 CR=25% RQD=NIL 19.25 CR=33% RQD=NIL 19.25 CR=33% RQD=NIL 20.00 CR=68% RQD=37% RQD=NIL 20.75 CR=43% RQD=NIL 21.50 CR=43% RQD=NIL 22.25 CR=47% RQD=13% CR=47% RQD=14% CR=49% RQD=NIL 23.75 CR=49% RQD=NIL
			25.00m						R23	CR=59% 24.50 RQD=13% 25.00
					<u> </u>					BH-47/Sheet-2

Project : Geotech. I	nv. woi	rk for Prop. 1 x 6	OOMW S	± STPF	at S	ingar	eni, Ad	ilabad,	Telengana	CETEST
Job No : 3576		Created by:	Chai	ndr	ani	Cre	ated o	n : (
BORE LOG D	ATA	SHEET	BO	RE	H	OLE	E NC). 4	B Co-o	rdinates E=555.000 N=(-)282.000
Field Test	Nos	Samples		No	วรา		enceme		:: 18/0	09/15
Penetrometer (SPT)	10	Undisturbed (l	JDS)	2) I	•	letion Hole Di			09/15 mm. / N.X.
	'	Penetrometer	(SPT)	1	~ I		Of G			924 m.
Cone (Pc)		Disturbed (DS)		1:	_		Stru			
Vane (V)		Water Sample	(WS)	C) St		ng Wate	r Level		
DESCF	RIPTION	N	SYME	OL:			VALUE			SAMPLES
		0.00m			EACE	וטוע	/N. =	15cm.	Ref. No	Depth (m)
		0.0011		\\					DC 1	0.50
Stiff, dark grey	to br	rownish grey,					13		DS-1	0.50
silty clay with trac Obs. rusy spots.	es of	sand mixture.			3 6	7			SPT-1	1.00-1.45
Obs. rusy spots.				`\					DS-2	1.75
		2.10m							UDS-1	2.00-2.45
									DS-3	2.75
Very stiff, whitish	grey	to yellowish			5 10	1 1	21		SPT-2	3.00-3.45
grey, silty clay. Obs	s. grav	vels & kankars.		``]					DS-4	3.70
									UDS-2	4.00-4.45
		4.50m		$\overline{}$						
					4 5 0 4		<u>59</u>		DS-5	4.80
•				`\\	1524	35			SPT-3	5.00-5.45
Hard, whitish grey	to y	ellowish grey,					80		DS-6	5.70
silty clay.					15 33	47			SPT-4	6.00-6.45
							<u>>100</u>		DS-7	6.75
		7.50m	1 \	``;	21 40	50 11.0	cm F	Pentin	SPT-5	7.00-7.41
							<u>>100</u>		DS-8	7.80
Hard, dark grey silty clay with deco					32 50	8.0	cm F	enth	SPT-6	8.00-8.23
www. acco				\\]			<u>>100</u>		DS-9	8.60
		9.00m		T	50	12.0	cm F	Pentn	SPT-7 R1	9.00-9.12 9.00 CR= 44%
			 	ᆛᅱ						RQD=NIL
			 	$\downarrow\downarrow\downarrow$					R2	CR=48% RQD=NIL ▼
				Щ						10.50 CR=60%
									R3	RQD=20%
									R4	CR=40% RQD=19% V
Moderately weat grey to yellowish				$\top \top$						12.00 CR=52%
coarse grained rock		, meatum to		╁╫					R5	RQD=NIL V
									R6	12.75 CR=57% RQD=NIL ▼
				닊						13.50
				ᆛ					R7	CR=42% RQD=NIL
				Щ					R8	14.25 CR=47%
										RQD=NIL
		15.50m	, LLT	Ц					R9	CR=52% RQD=NIL
			•	1					•	BH-48/Sheet-1

Job No : 3576	ſ	Project : Geotech.	Inv. wo	rk for Pr	ор. 1 х 6	00MW S	↓ STPP	at	Sing	are	ni, A	Adilat	ad,	Teler	ngana	CET	EST
Field Test Nos Samples Nos Commencement Date : 18/09/15 Penetrometer (SPT) 10 Undisturbed (UDS) 2 Penetrometer (SPT) 10 Disturbed (DS) 12 Water Struck At : Water Struck At : Water Struck At : Stending weter Level : 3.1 m. DESCRIPTION SYMBOL NOV Water Sample (WS) 0 Stending weter Level : 3.1 m. DESCRIPTION SYMBOL NOV Water Struck At : Stending weter Level : 3.1 m. Moderately weathered, light 15.50m	ļ	Job No : 3576		Creat	ed by:	Char	ndr	ani	Cr	eat	ed	on	: (01/10	_		
Penetrometer (SPT) 10 Undisturbed (UDS) 2 Penetrometer (SPT) 10 Disturbed (DS) 12 Vane (V) Water Sample (WS) 12 Water Sample (WS) 12 Water Struck At : Standing Water Level : 3.1 m. DESCRIPTION SYMBOL Acres (Light 15.50m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75m 15.75		BORE LOG I	OATA	SHE	ET	B0	RE									ramates N=(-)282.000
Penetrometer (SPT) 10		Field Test	Nos	9	Samples		No)S									
Disturbed (DS) Water Struck At Stording Water Level 3.1 m.		Penetrometer (SPT)	10	Undist	urbed (U	DS)	2			•							
Vane (V) Disturbed (DS) 12 Water Struck At : Water Struck At : Standing Water Level : 3.1 m.		Cone (Pc)				SPT)			Lev	el	Of	Grou	und	:	145.9	924 m.	
DESCRIPTION SYMBOL N-VALUE SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES Ref. No Depth (m) 15,756 R00=45% R00=45% R00=45% R00=45% R00=45% R00=45% R00=13% 17,255 R00=13% R00=13% R00=13% R00=13% R00=13% R00=13% R00=13% R00=13% R00=13% R00=13% R00=11% R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=NL R00=						(11/0)									7.4		
SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL SYMBOL S	ŀ	vulle (v)		Water	Sample	(WS)							_evel	ι: Γ			
Moderately weathered, light dark grey to yellowish grey, medium to coarse grained rock. Moderately weathered, yellowish grey to light grey, medium to fine grained rock. Highly weathered, yellowish grey to light grey, medium to fine grained rock. Highly to moderately weathered, yellowish grey to light grey, medium to fine grained rock. Highly to moderately weathered, yellowish grey, medium to fine grained rock. Completely weathered, decomposed & disintegrated rock particle collected as sludge. Obs. mica. N.B. — '*' means sample could not be recovered.		DESC	RIPTION	١		SYMB	OL	EAC					cm.	Ref			m)
Moderately weathered, yellowish grey to light grey, medium to fine grained rock. Highly weathered, yellowish grey to light grey, medium to fine grained rock. Highly to moderately weathered, yellowish grey, medium to fine grained rock. 20.25m Highly to moderately weathered, yellowish grey, medium to fine grained rock. 21.75m Completely weathered, decomposed & disintegrated rock particle collected as sludge. Obs. mica. 25.00m N.B. — ** means sample could not be recovered.	•	dark grey to yell medium to coarse	owish grained	grey, d rock.	15.75m 16.50m		_										↓
Highly weathered, yellowish grey to light grey, medium to fine grained rock. 20.25m Highly to moderately weathered, yellowish grey, medium to fine grained rock. 21.75m Completely weathered, decomposed & disintegrated rock particle collected as sludge. Obs. mica. 25.00m N.B. — '* means sample could not be recovered.		grey to light grey, r														RQD=13% CR=35%	17.25
Refusal as sludge. Obs. mica. R14 R2 RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQ																CR=33%	
20.25m Highly to moderately weathered, yellowish grey, medium to fine grained rock. 21.75m 21.75m Completely weathered, decomposed & disintegrated rock particle collected as sludge. Obs. mica. 25.00m N.B. — '*' means sample could not be recovered.			ım to	fine (grained											RQD=NIL	19.50
grey, medium to fine grained rock. 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 21.75m 22.50 - 22.5322.50 22.0 pm Penth. 23.0 pm Penth. 24.00 pm Penth. 25.00m 25.00m 25.00m 25.00m N.B. — '*' means sample could not be recovered.	-	Highly to moderate	v weat	hered v												CR=43%	
Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin Spin	•				ck.										R17	RQD=21%	
disintegrated rock particle collected as sludge. Obs. mica. Set 1								52	3				tn.	DS *SF 	5—10 >T−8 R19	RQD=NIL 22.50-22.5	3 22.5 0
N.B. — '*' means sample could not be recovered.		disintegrated rock	k part				Ц			.0 <u>R∈</u>	cm fus	Pen <u>al</u>			R20	23.25-23.2 CR=NIL	1
be recovered. BH-48/Sheet-2					25.00m				3	.lo	cm	Pen	th.		R21		25.00
be recovered. BH-48/Sheet-2																	
be recovered. BH-48/Sheet-2																	
be recovered. BH-48/Sheet-2																	
be recovered. BH-48/Sheet-2																	
• • • • • • • • • • • • • • • • • • •			s sam	ple cou	uld not												
Page 98/272	_ [_						1				<u></u>					LBH-48	/Sheet-2

BORE LOG DATA SHEET BORE HOLE NO. 49 Co-ordinates	Project : Geotech. I	inv. woi										CETEST
Field Test Nos Samples Nos Commencement Date : 19/10/15	Job No : 3576	\ A (T) A	<u> </u>								 	
Completion Date 23/10/15	BOKE LOG L	JATA		BO.	KE							
Penetrometer (SPT) S	Field Test	Nos	Samples		No	DS I						
Disturbed (DS) Water Sample (WS) 5 Standing Water Level : 1.55 m.	Penetrometer (SPT)	5	Undisturbed (L	IDS)	2	۱ I		•				
Vane (V) Disturbed (DS) 1 Water Sample (WS) 1 Standing Water Level 1.55 m.	Cone (Pc)				5	i L	eve	ιc	of Gr	round	: 141.	873 m.
DESCRIPTION SYMBOL N-VALUE SAMPLES SAMPLES EACH DIVN. = 15cm, Ref. No Depth (m) DS-1 0.50 DS-1 1.00-1.45 SPT-1 1.00-1.45 SPT-1 1.00-1.45 DS-2 2.60 DS-2 2.60 DS-2 2.60 DS-2 3.00-3.45 DS-3 3.60 DS-2 3.00-3.45 DS-3 3.60 DS-2 3.00-3.45 DS-3 3.60 DS-2 4.00-4.45 DS-2 4.00-4.45 DS-3 3.60 DS-4 5.60 SPT-4 6.00-6.45 SPT-4 6.00-6.45 DS-5 SPT-5 SPT-5 SPT-5 SPT-5 SPT-5 R1 R0D=NIL 7,75 R2 R0D=NIL 7,75 R3 CR=34% R0D=NIL 1.50 R7 CR=36% R0D=NIL 1.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R7 CR=34% R0D=NIL 1.50 11.50 11.50 R8 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 11.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL 1.50 R1 CR=34% R0D=NIL												
DESCRIPTION SYMBOL EACH DIVN. = 15cm Ref. No Depth (m)	vane (v)		Water Sample	(WS)	1	l S				r Level		
0.00m Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff to very stiff, blackish grey, silty clay with traces of sand mixture. Stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stiff to very stif	DESCI	RIPTION	١	SYMB	BOL	FACE				15cm		
Stiff to very stiff, blackish grey, sitty clay with traces of sand mixture. 1.00-1.45			0.00m						<u> </u>		1101. 110	Doptii (iii)
Stiff to very stiff, blackish grey, sitty clay with traces of sand mixture. 1.00-1.45											DC 1	0.50
Stiff to very stiff, blackish grey, silty clay with traces of sand mixture. The provided Hard, reddish brown to reddish grey, silty clay with sand mixture. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey, silty clay. Obs. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. The provided Hard, brownish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey to yellowish grey											DS-1	0.50
sity clay with traces of sand mixture. 1.55				11/1		3 4	6	-	<u>10</u>		SPT_1	1 00-1 45
sity clay with traces of sand mixture. 1.55	Ctiff to your at:	<i>ff</i>	andinh area									
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3.50m Hard, reddish brown to reddish grey, silty clay with sand mixture. 39100 10.0 cm Penth. SPT-2 3.00-3.45					\\						DS-2	2.60
3,50m Hard, reddish brown to reddish grey, silty clay with sand mixture. 39100						7 7	10	-	<u>17</u>		CDT 0	7.00 7.45
Hard, reddish brown to reddish grey, silty clay with sand mixture. 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 5.30m 6.00-4.45 6.00-6.45 6.00-6.45 6.70 7.00m 7.00m 7.00m 7.00m 7.00m 7.00m 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.60 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50 8.50			3.50m			' '						
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152848 SPT-4 6.00-6.45 152848 SPT-5 6.70 100 9.0 cm Penth. R1 R2 RQD=NIL 100 R5 R4 RQD=NIL 100 R5 R6 R6 R7 100 R7 R6 R7 R6 R7 R7 100 R7 R8 R9 R9 100 R8 R9 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R8 R9 100 R7 R8 R9 100 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R8 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R7 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 100 R9 R9 1									7.0		DS-4	5.60
7.00m 7.00m 7.00m 9.0 cm Pentn. R1 R2 R2 R33% RQD=NiL 7.75 R3 R4 RQD=NiL 9.25 R4 R4 RQD=NiL 9.25 R6 R7 R6 R7 R8 R9 R9 R1 R7 R8 R9 R9 R1 R8 R9 R9 R1 R1 R8 R9 R9 R1 R1 R2 R8 R9 R9 R1 R3 R9 R1 R3 R9 R1 R3 R4 R9 R9 R4 R9 R9 R5 R6 R6 R7 R8 R9 R9 R8 R9 R9 R8 R9 R9 R9		ey, si	Ity clay. Obs.		\\	15 28	48	-	<u>/6</u>		SPT-4	6.00-6.45
7.00m 10d 9.0 cm Pentn. SPT-5 7.00-7.09 7.00 7.75 R1 R2 R0D=NIL 7.75 R2 R0D=NIL 9.25 R4 R0D=NIL 9.25 R4 R0D=NIL 10.00 R5 R6 R32% R0D=NIL 10.75 R6 R6 R6 R7 R0D=NIL 11.50 R7 R6 R7 R0D=NIL 11.50 R7 R8 R0D=NIL 12.25 R8 CR=34% R0D=NIL 12.25 R8 CR=34% R0D=NIL 12.25 R8 CR=34% R0D=NIL 12.25 R8 CR=34% R0D=NIL 13.00 R5 R7 R8 CR=34% R0D=NIL 12.25 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 CR=34% R0D=NIL 13.00 R5 R8 R0D=NIL 13.00 R5 R8 R0D=NIL 13.00 R5 R8 R0D=NIL 13.00 R5 R8 R0D=NIL 13.00 R5 R5 R5 R5 R5 R5 R5	decomposed rock.										DC_5	
9.0 cm Penth. R1 CR = 33% R0D = NIL 7.75			7.00m			100		4	<u>100</u>			
NX rotary drilling from R2 CR=31% RQD=NIL							9.	0	m P	enth.		
T.00m to 25.00m R3 R3 R3 R4 R4 R4 R4 R4												I V
Toom to 25.00m R3 R3 R3 R4 R4 R4 R4 R4					┰╏						R2	CR=31%
Highly weathered, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. R3 CR=32% RQD=NIL 9.25 R4 CR=36% RQD=NIL 10.00 R5 CR=32% RQD=NIL 11.50 R6 CR=34% RQD=NIL 11.50 R7 CR=36% RQD=NIL 11.50 R8 CR=34% RQD=NIL 12.25 R8 CR=34% RQD=NIL 13.00				┝╬┸	ᆊ				_			I I I
Highly weathered, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. R4 CR=36% RQD=NIL 10.00 R5 CR=32% RQD=NIL 10.75 R6 CR=34% RQD=NIL 11.50 R7 CR=36% RQD=NIL 11.50 R7 CR=36% RQD=NIL 12.25 R8 CR=34% RQD=NIL 13.00				\prod	Щ						R3	CR=32% ROD=NIL
Highly weathered, brownish grey to yellowish grey, fine grained, fractured rock. Obs. sandstone. R5 RQD=NIL 10.00 R5 CR=32% RQD=NIL 10.75 R6 CR=34% RQD=NIL 11.50 R7 CR=36% RQD=NIL 12.25 R8 CR=34% RQD=NIL 12.25 R8 CR=34% RQD=NIL 13.00												· · · · · · · · · · · · · · · · · · ·
yellowish grey, fine grained, fractured rock. Obs. sandstone. R5 CR=32% RQD=NiL 10.75 10.75 10.75 10.75 11.50 11.50 12.25 12.25 13.00m 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00	 Highly weathered	. brov	vnish arev to								R4	CR=36% RQD=NIL
R5 RQD=NiL 10.75 R6 CR=34% RQD=NiL 11.50 R7 CR=36% RQD=NiL 12.25 R8 CR=34% RQD=NiL 12.25 R8 CR=34% RQD=NiL 13.00	yellowish grey, fin	e grai			$\top 1$							10,00
10.75 R6 CR=34% RQD=NIL 11.50 R7 CR=36% RQD=NIL 12.25 R8 CR=34% RQD=NIL 13.00m	rock. Obs. sandston	e.			╁╫						R5	CR=32% RQD=NIL
11.50 RQD=NIL 11.50 CR=36% RQD=NIL 12.25 CR=34% RQD=NIL 13.00					H							10,75
R7 CR=36% RQD=NIL 12.25 CR=34% RQD=NIL 13.00				$\parallel + \parallel + \parallel + \parallel + \parallel + \parallel + \parallel + \parallel + \parallel + \parallel +$	Щ						R6	CR=34% RQD=NIL
13.00m R7 RQD=NIL 12.25 CR=34% RQD=NIL 13.00 13.00				Щ								1 1
13.00m R8 CR=34% RQD=NIL 13.00]						R7	RQD=NIL ↓
13.00m ROD=NIL 13.00					T							1 1
					╀┤						R8	RQD=NIL ↓
			13.00m									13.00 BH-49/Sheet-1

	Project : Geotech. I	nv. woi	k for Prop. 1 x 6	00MW S	TPP :	at Sir	garen	i. Adil	abad.	Telengana	CETEST	1
	Job No : 3576		Created by:									
	BORE LOG D	ATA	SHEET	BO	RE		LE				rdinates E=(-)37.000 N=(-)282.000	
	Field Test	Nos	Samples		Nos		nmend mple			•	0/15 0/15	
	Penetrometer (SPT)	5	Undisturbed (U		2		e Hol				mm. / N.X.	
	Cone (Pc)		Penetrometer ((SPT)	5	1	vel C				373 m.	
	Vane (V)		Disturbed (DS) Water Sample	(WS)	5 1		ter S nding				m	
			·				N–VA		Level		SAMPLES	
	DESC	RIPTION	N .	SYMB	OL E				5cm.	Ref. No	Depth (m)]
	Highly weathered coarse grained, frac									R9 R10	CR=39% RQD=12% V 13.75 CR=36% RQD=NIL V	
										R11	14.50 CR=37% RQD=NIL 15.25	
										R12	CR=36% RQD=NIL 16.00	
										R13	CR=32% RQD=NIL 16.75	
					H					R14	CR=33% RQD=NIL	
•										R15	17.50 CR=36% RQD=NIL	•
	Highly to moderately grey to brownish fractured rock.									R16	18.25 CR=40% RQD=16%	
	ridetaled rock.									R17	19.00 CR=36% RQD=12%	
					<u> </u> 					R18	19.75 CR=53% RQD=NIL	
										R19	20.50 CR=45% RQD=24%	
										R20	21.25 CR=48% RQD=NIL 22.00	
			22.75m							R21	CR=44% RQD=NIL 22.75	
			22.73111							R22	CR=60% RQD=NIL 23.50	
	Moderately to sl blackish grey to grained, fractured ro	brown								R23	CR=56% RQD=NIL	
	-		25.00m							R24	24.25 CR=65% RQD=NIL 25.00	
			25.00111								25.00	
Į.					<u></u>						BH-49/Sheet-2] 2

ſ	Project:	Geotech.	Inv. wor	k for Prop. 1 x 6	00MW S	↓ STPP	at Si	ngare	ni, Adi	labad,	Telengana	CETE	:ST
Į	Job No:			Created by:				_			31/10/2015		
	BORE	LOG	DATA	SHEET	BO	RE	HC	LE	NO	. 50) Co-o	rdinates	49.000 20.000
	Field	Test	Nos	Samples		No	SI			nt Date Date		0/15 0/15	
Ī	Penetrome	ter (SPT)) 5	Undisturbed (U	DS)	1		•		ameter		mm. / N.X.	
	Cone (Pc)			Penetrometer ((SPT)	5		vel	Of G	round	: 142.6	614 m.	
	Vane (V)			Disturbed (DS)	(110)	4	''`			ck At			
-	valle (v)			Water Sample	(WS)	<u> </u>	Sto		g Wate 'ALUE	r Level		m. SAMPLES	
		DESC	CRIPTION	1	SYMB	OL	EACH			15cm.	Ref. No	Depth (m	1)
Ī				0.00m					Ì				
											DS-1	0.50	
				ey, silty clay ous nodules.			7 7	9	16		SPT-1	1.00-1.45	5
											DS-2	1.70	
-				2.50m							UDS-1	2.00-2.45	5
						1	10 20	32	<u>52</u>		SPT-2	3.00-3.45	5
				ey to yellowish							DS-3	4.00	
→	& mica.	iity sand	a. Ubs	. clay binder		3	35 72	od	100 cm P	entn.	SPT-3	4.50-4.90) +
						-	59100	0.0	100 cm P		DS-4 SPT-4	5.30 5.50-5.75	5
-				6.30m		1 	od		100 cm P	entn.	SPT-5 R1	6.30-6.38 6 CR=31% RQD=NIL	7.00
								1	rilling		R2	CR=25% RQD=NIL	7.75
							6.3	Om to	25.0	Φm	R3	CR=21% RQD=NIL	3.50
						H					R4	CR=25% RQD=NIL	9.25
		h brown	, medi	ownish grey um to coarse		ij.					R5	CR=26% RQD=NIL	,
	J -,					\parallel					R6	CR=18% RQD=NIL	75
						\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\					R7	CR=16% RQD=NIL	0.75
						\parallel					R8	CR=32% RQD=26%	50
						Ţ]					R9	CR=33% RQD=NIL	2.25
				13.00m	14/	+						1 3 BH-50/9	5.00 Sheet-1

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ſ	Described of	4 3 7		la Cara Davis 4 and 6	001/707 (4	-4 01			21 - 1 - 3	m . 1			===
ŀ		eotech. Ir 576	iv. wor	k for Prop. 1 x 6 Created by :									Sheet No	<u>=5 </u>
		OG D	ATA	SHEET	BO			LE	NO			•	rd: n at a a E=(-)449.000)720.000
•	Field Te	est	Nos	Samples		No	SI			nt Dat			0/15	77 201000
ľ	Penetrometer	(SPT)	5	Undisturbed (U	DS)	1		•		Date iamete			0/15 mm. / N.X	<i>.</i> .
	Cone (Pc)			Penetrometer ((SPT)	5	Le	vel	Of G	round	d :		614 m.	
				Disturbed (DS)		4				ck A				
ļ	Vane (V)			Water Sample	(WS)	<u> </u>	Sto			er Leve	el:	3.2 r		
		DESCR	RIPTION		SYMB	ᅅ	FACH		ALUE	15cm	Ref	: No :	SAMPLES Depth (m)
→		brown,	medi	13.00m ownish grey um to coarse								R10 R11 R12 R13 R14 R15 R16	CR=30% RQD=NIL CR=24% RQD=NIL CR=36% RQD=22% CR=33% RQD=NIL CR=28% RQD=13% CRQD=13% CRQD=13% CRQD=13% CRQD=NIL CRQD=NIL CRQD=NIL	15.25 16.00 16.75 17.50
				20.50m								R18 R19 R20	CR=42% RQD=NIL	19.00 19.75 20.50 21.25
	Highly to mogrey, medium			nered, brownish ctured rock.								R21	CR=33% RQD=NIL	22.00
				22.75m		耳						R22	RQD=NIL	22,75
												R23	CR=65% RQD=NIL	23.50
	Moderately medium grai			rownish grey, rock.	H	\exists						R24	CR=52% RQD=NIL	
	-			25.00m								R25	CR=53% RQD=NIL	24.25
						<u> </u>							BH-EV	∕Sheet−2
				т	Page	1 1 / 1	/272						511 50.	2

Project : Geotech. I	nv. w	ork for Pro	op. 1	x 600N	₩ S	STP	P	at :	Sin	gare	ni, A	Adil	abad, Tele	ngana. CETE	ST
Job No : 3576I		'	1											Sheet No:	11.000
BORE LOG DA	TA	SHEET	BC	DRE	HO)LI	<u> </u>	N	0.	IΒ	<u>H</u> –	0.		rdinates	2.000
Field Test	Nos	Sar	nples		No) S				ceme				11/15	
Penetrometer (SPT)	 5	Undisturb	ed (L	JDS)	3	,			•	etior Le D				11/15 mm. / N.X.	
Cone (Pc)	_	Penetrom	eter ((SPT)	5	.				Of G				013 m.	
		Disturbed	,		8	3	W	ate	er	Stru	ıck	At	:		
Vane (V)		Water Sa	mple	(WS)	<u> </u>)	St			Wat		evel			
DESCR	IPTIO1	V		SYMB	BOL	FΔ(СН			ALUE =		m	Ref. No	SAMPLES Depth (m))
			0.00m		$\overline{}$					Ī			1,01, 1,0		
													DS-1	0.50	
Stiff, light brosilty clay. Obs.										13					
silly Clay. Obs.	SU	IIG IIIIXI	ure.			4	6	7					SPT-1	1.00-1.45	
			1.85m										DS-2	1.75	
													UDS-1	2.00-2.45	
										7			DS-3	2.75	
Medium, blackish grasilty clay. Obs. calcareous						3	3	4					SPT-2	3.00-3.45	
and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s													DS-4	3.75	
													UDS-2	4.00-4.45	
			4.75m							16			DS-5	4.75	
						6	7	9					SPT-3	5.00-5.45	
Very stiff, blackish g silty clay. Obs. calcareous													DS-6	5.75	
owey oray. Obo. Oarour oodo	11000	oo aa oana n	water o.										UDS-3	6.00-6.45	
			6.70m						>	100			DS-7	6.70	
Very dense, brow			silty		1	00		13		em f	⊃ent	n	SPT-4	7.00-7.13	
sand with decompose	ed ro								- 1	fusa	- 1	11.	DS-8	7.50	
Highly weathered	l, lic	ght yello	8.00m wish	1.	7 1	00		3.0		n P	entn		*SPT-5	8.00-8.03 8. CR=24%	.00
brown, fine to med		grained			Ы			0.0		''		•	R1	CR=24% RQD=NIL 8.	75
			017 0111										R2	CR=36% RQD=NIL	
				 	_					rilling 30.0	- 1				50
							0.0		ij	30.0	30111		R3	RQD=NIL 10.	25
													R4	CR=36% RQD=NIL	.23
														11,	00
Highly weathered,					귀								R5	CR=38% RQD=NIL	
to yellowish brown grained fractured room		ie to me	dıum										R6	11. CR=43%	./5
													NO	RQD=NIL 12.	50
													R7	CR=32% RQD=NIL	,
					버								DO	13. CR=31%	25
													R8	RQD=NIL 14.	00
					\dashv								R9	CR=35% RQD=NIL	,
													D4.0	14. CR=31%	75
		1	5.50m										R10	ŘQD=NÍL ↓ 15.	50
		<u>'</u>		1	1									BH-1/Si	

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Project : Geotech.	Inv. w	ork for Pro	p. 1 :	x 600N	₩ W	STPF	at	Sine	aren	i. Adil	abad. Teler	ngana. CETES
Job No : 3576I											5/12/2015	Sheet No:
BORE LOG D	ATA	SHEET	Bo	ORE	H(OLE	N	0.	IBE	$\mathbf{I} - \mathbf{O}$	1 Co-or	rdinates
Field Test	Nos	Sam	ples		No	os I				t Date	•	1/15
Penetrometer (SPT)	5	Undisturbe	ed (L	JDS)		7				Date meter		1/15 mm. / N.X.
Cone (Pc)		Penetrome	eter ((SPT)	5	_				ound)13 m.
Vane (V)		Disturbed			1	- 1				k At		
vane (v)		Water Sar	nple	(WS)) <u> </u>		ding -VA		Level		n. SAMPLES
DESC	RIPTIO	V		SYME	3OL	EAC				15cm.	Ref. No	Depth (m)
		15	.50m								R11	CR=35% RQD=NIL V
Highly weathered to yellowish brow				<u> </u>							R12	16.25 CR=31% RQD=NIL 17.00
grained fractured ro		io to med	vaiii								R13	CR=28% RQD=NIL ↓ 17.75
		18	5.50m		+						R14 R15	CR=35% RQD=NIL 18.50 CR=27% RQD=NIL 1
											R16	19.25 CR=32% RQD=NIL V
											R17	20.00 CR=28% RQD=NIL 20.75
Highly weathered to greyish brown,											R18	CR=26% RQD=NIL ▼ 21.50
to gregisti brown,	Time	graniea i	OCK.								R19	CR=29% RQD=NIL 22.25 CR=28%
					<u> </u>						R20 R21	RQD=NIL † 23.00 CR=28%
											R22	ŘQD=ŇĬL ↓ 23.75 CR=32% RQD=NIL ↓
		24	.50m								R23	24.50 CR=31% RQD=NIL
											R24	25.25 CR=28% RQD=NIL 26.00
Highly weathered	d. bro	ownish ve	llow		<u> </u>						R25	CR=31% RQD=NIL 26.79 CR=40%
/ yellowish brown grained rock.											R26 R27	RQD=16%
											R28	RQD=NIL
											R29	29.00 CR=36% RQD=25%
		30	.00m									30.00
N.B. — '*' means be recovered.	s sam	ple could	not									
					1				ı			BH-1/Sheet-

ı	Drainet . C	aataah '	Tan 22 222	anle fami	Duan 1 :	6001	TW C	יתחדי	- 4	Cin			١:١. ٨	ahad Tala		_
	Project : Go Job No : 38		inv. wo											abad, 1ele 24/12/2015		_
	BORE LO		ATA	SHEE		RE									rdinates E=(-)1025.00 N=(-)922.00	00
	Field Te		Nos		amples		No					nent			N-1-7922.00 11/15	
					·	100)			Cor	nple	etic	on D	ate	: 24/	11/15	
	Penetrometer	(SPT)	6		urbed (U		3					Diam			mm. / N.X.	
	Cone (Pc)				ometer ((251)	6					Grou			209 m.	
	Vane (V)				ed (DS) Sample	(WC)	9					ruck ater L			m	
				water	Sumpre					1–V			.eve		SAMPLES	-
		DESCF	RIPTION	1		SYMB		EAC					cm.	Ref. No	Depth (m)	
	Brownish	yell	⊃W,	silty	0.00m clay. -0.70m						<u>12</u>			DS-1	0.50	
								4 5	5 7					SPT-1	1.00-1.45	
														DS-2	1.75	
														UDS-1	2.00-2.45	
											0			DS-3	2.70	
								4 4	- 5		<u>9</u>			SPT-2	3.00-3.45	
	Stiff to ve	ery sti	ff, bl	ackish	grey,									DS-4	3.70	
	silty clay.													UDS-2	4.00-4.45	
											18			DS-5	4.75	
								6 8	3 1 (10			SPT-3	5.00-5.45	
→														DS-6	5.70	•
														UDS-3	6.00-6.45	
					— 6.75m		11				77			DS-7	6.75	
								212	9 44	1	<u>73</u>			SPT-4	7.00-7.45	
	Hard, brow with sand m		yello	w, sılty	y clay			5210	00	>	10			DS-8 SPT-5	7.75 8.00–8.20	
					— 8.50m			00	6.0	<u>Re</u>	fus	Pentr <u>sal</u> Pentr			8.50-8.56 8.50 CR=28% RQD=13% 9.25	
														R2	CR=36% RQD=NIL 10.00	
														R3	CR=32% RQD=NIL 10.75	
							$\frac{1}{1}$							R4	CR=31% RQD=NIL 11.50	
	Highly wed						$oxed{oxed}$							R5	CR=36% RQD=NIL 12.25	
														R6	CR=32% RQD=13% 13.00	
						$ \ \ \overline{ }$	-							R7	CR=38% RQD=NIL 13.75	
														R8	CR=34% RQD=NIL 14.50	
							\dashv							R9	CR=36% RQD=NIL 15.25	
					15.50m		<u> </u>									
						Dage	<u> </u>								BH-2/Sheet	<u> </u>

Project : Geotech.	Inv. w	ork for Pro	p. 1 :	x 600N	₩ :	STPF	at	Sing	areni	. Adil	abad, Teler	ngana. CETES 1
Job No : 3576I											24/12/2015	Sheet No:
BORE LOG D	ATA	SHEET	BC	ORE	H(OLE	N	0.	IBH	[-02]	2 Co-or	rdinates E=<->1025.000 N=<->922.000
Field Test	Nos	Sam	ples		No	DS				t Date	•	1/15
Penetrometer (SPT)	6	Undisturbe	ed (U	IDS)	3	,		•		Date ımeter		1/15 mm. / N.X.
Cone (Pc)		Penetrome	eter ((SPT)	6	_				ound		209 m.
		Disturbed								k At		
Vane (V)		Water San	nple	(WS)						Level		
DESC	RIPTION	N		SYME	30L	F۸C			LUE - 1	5cm	Ref. No	SAMPLES Depth (m)
		15	.50m		<u> </u>						R10	CR=32%
											R11	RQD=NIL
Highly weathere	d. lic	aht vellow	vish								R12	RQD=NIL
brown, medium to											R13	RQD=15% 17.50 CR=26% RQD=NIL
											R14	18.25 CR=28% RQD=17%
		 19	.00m								R15	19.00 CR=36% RQD=NIL
											R16	19.75 CR=28%
											R17	20.50 CR=39% RQD=NIL
Highly to moderate yellowish grey, med highly fractured roc	dium t		ight ned,								R18	21.25 CR=40% RQD=NIL
inging mactarda ree											R19	22.00 CR=36% RQD=NIL 22.75
											R20	CR=43% RQD=NIL 23.50
		24	25m								R21	CR=44% RQD=28% 24.25
		2 '	.2011								R22	CR=36% RQD=13% 25.00
					\dashv						R23	CR=33% RQD=NIL 25.75
											R24	CR=32% RQD=NIL ▼ 26.50
Highly weathered, b grained, highly frac			dium								R25	CR=40% RQD=36% ↓ 27.25
J	5 G				_						R26	CR=28% RQD=NIL ▼ 28.00
											R27	CR=32% RQD=NIL ↓ 28.75
					\dashv						R28	CR=28% RQD=NIL ▼
		30	.00m								R29	CR=26% 29:30 RQD=NIL 30.00
N.B. — '*' means be recovered.	s sam	ple could	not									
					_							BH-2/Sheet-

Project : Geotech.	Inv. w	ork for Pr	ор. 1 з	x 600N	↓ (W S	TPP	at	Sin	garen	i, Adil	abad, Tele	ngana. CETEST
Job No : 3576I			_								15/12/2015	Sheet No:
BORE LOG DA	ATA	SHEET	BC	RE	НО	LE	N	0.	IBI	1-0	3 Co-o	rdinates E=(-)808.000 N=(-)922.000
Field Test	Nos	Sai	mples		No	SI				nt Date		1/15
Penetrometer (SPT)	14	Undistur	bed (U	DS)	2	- 1		•		Date ameter		1/15 mm. / N.X.
	' ¯	Penetron			14	ᅵᄆ				round		607 m.
Cone (Pc)		Disturbed	d (DS)		15	- 1				ck At		
Vane (V)		Water Sc	ample	(WS)	1	S	tanc	ding	Wate	r Leve	: 3.0 ı	m.
DESCF	RIPTION	V		SYME	101				LUE			SAMPLES
52301		•	0.00		ا	EACH	<u> </u>	IVN		15cm.	Ref. No	Depth (m)
			0.00m		77							
Chiff harminh an		·14	*#1=								DS-1	0.50
Stiff, brownish gr		iity ciay	With			3 4	7	╽╶├	11		SPT-1	1.00-1.45
											DS-2	1.60
			2.00m	17.7							UDS-1	2.00-2.45
Stiff, brownish	arov	oilty .	olav.						9		DS-3 WS-1 SPT-2	2.70 3.00 3.00-3.45
Obs. calcareous nod		, Silly	cidy.			6 4	5				SPT-2 DS-4	3.00-3.45 3.50
												0.00
			4 50m								UDS-2	4.00-4.45
			4.50m						<u>39</u>		DS-5	4.50
Hard brownish	arov	, <u>cil</u> ty	olav.		1	4 18	21		<u> </u>		SPT-3	5.00-5.45
Hard, brownish Obs. calcareous nod		, Silly	Cidy.								DS-6	5.50
						25 38	 8 45		<u>33</u>		SPT-4	6.00-6.45
			6.50m								DS-7	6.70
						52 65	5100		<u> 100</u>		SPT-5	7.00-7.37
						/2 00	7.0		n Pe	ntn.	DS-8	7.60
Very dense, browni	sh gr	ey, silty	sand.			 3 100			<u> 100</u>		SPT-6	8.00-8.26
							11.	,lo k	m P	entn.	DS-9	8.50
					1	20	l		<u> 100</u>		SPT-7	9.00-9.10
			9.50m			20	10.		m P <u>fusal</u>	entn.	*SPT-8	9.50-9.53 9.50
			3.50111		-1'	30	3.0	ch	n Pe	ntn.		CR=NIL RQD=NIL
					1(oo			<u>fusal</u>			10.25-10.27 10.25
Completely weather	ed. ve	ellowish b	rown.				2.0		n Pe <u>fusal</u>		R2 DS=11	CR=NIL RQD=NIL
collected as sludge.	, <i>,</i> ,		,		<u>ال</u>	00	3.0	1 1	n Pe			11.00-11.03 11.00 CR=NIL
					=	00			<u>fusal</u>		R3 DS-12 *SPT-11	RQD=NIL
					7		4.C		n Pe	htn.	R4 DS-13	CR=NIL RQD=NIL V
		1	2.50m		$\overline{\Box}$	oo	7 0	1 1	<u>fusal</u>		*SPI-12	12.50-12.53 12.50
							3.C	1 cl	n Pe	nth.	R5	CR=28% RQD=NIL
					ᅱ,	 NX r	 otar	y di	 rill i na	from	R6	13.25 CR=30%
Highly weathered, li			ellow,					rı	30.0		•	ŘQD=ŇĬĹ ↓ 14,00
medium to codrse g	ji utile(u TOCK.		\prod	\exists						R7	CR=32% RQD=NIL ▼
											D0	14.75 CR=34%
		1	5.50m								R8	RQD=ŇÍĽ ↓ 15.50
		<u>'</u>	2.00111	1	1							BH-3/Sheet-1

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Project : Geotech.	Inv. w	ork for Prop	o. 1 x	c 600M	₩ S	TPP	at	Sing	aren	i, Ad	ilabad, '	Telen	gana. CETES 1
Job No : 3576I		Created	by:	Chan	dra	ani	Cr	eate	d o	n :	15/12/2	2015	Sheet No:
BORE LOG DA	ATA	SHEET	BO	RE	H0								dinates E=(-)808.000 N=(-)922.000
Field Test	Nos	Sam	ples		No	SI				nt Dat Dati			1/15 1/15
Penetrometer (SPT)	14	Undisturbe	d (U	DS)	2			•					mm. / N.X.
Cone (Pc)		Penetrome	•	SPT)	14	-				roun		42.6	07 m.
Vane (V)		Disturbed Water Sam	• •	(WS)	15 1	'				ck A r Lev		3.0 n	2
			ipie					–VA		I LEV	1		: AMPLES
DESCF	KIPTION	N		SYMB	OL	EAC	H D	IVN.	=	15cm	n. Ref.	No	Depth (m)
		15	.50m								R	9	CR=32% RQD=NIL
Highly weathered, li			low,								R.	10	16.25 CR=28% RQD=13% ↓ 17.00
medium to coarse o	grained	d rock.									R	11	CR=30% RQD=17% ↓ 17.75
		18	.50m									12	CR=34% RQD=NIL
												13	RQD=NIL ∮ 19.25
Highly weathered, to medium grained		nish grey,	fine									14	CR=38% RQD=NIL 20.00 CR=36% RQD=NIL
												16	20.75 CR=32%
			.50m					Ref	usal				RQD=NIL V 21.50 CR=NIL DOD-NII
Completely weather collected as sludge.		ellowish bro	own,		1	00	3.0	cm	n Pe usal	ntn.			CR=NIL RQD=NIL
		23	.00m			00	2.0		n Pe		DS- *SPT- R	14 19	23.00-23.02 23.00 CR= 34% RQD= 13%
											R	20	23.75 CR=28% RQD=NIL 24.50
											R:	21	CR=31% RQD=NIL ↓ 25.25
111 1 1	1		1 -								R2	22	CR=38% RQD=21% ↓ 26.00
Highly weathered to yellowish brow grained rock.											R2	23	CR=36% RQD=NIL 26.75
												24	CR=40% RQD=NIL V 27.50
												25	CR=36% RQD=NIL 28.25 CR=32%
												26	ŘQD≚ÑÍĽ
		30	.00m								R2	27	RQD=NIL 30.00
N.B. — '*' means be recovered.	sam	ple could	not										
				Dage	1		I .				1		BH-3/Sheet-

Project : Geotech.	Inv. w	ork for Pro	p. 1 z	x 600M	₩ S	TPF) a	t Si	nga	reni,	Adil	abad, Tele	ngana. CETEST
Job No : 3576I		Created	by:	Char	ndra	ani	(Crea	ted	on	: 2	4/12/2015	Sheet No:
BORE LOG DA	ATA	SHEET	$\mid BC \mid$	RE	HO								rdinates E=(-)789.000 N=(-)982.000
Field Test	Nos	Sam	ples		No:	SI				ment on D			12/15 12/15
Penetrometer (SPT)	5	Undisturbe	ed (U	DS)	3					Diam			mm. / N.X.
Cone (Pc)		Penetrome		(SPT)	5					Gro			88 m.
Vane (V)		Disturbed		(1110)	9					ruck			
varie (v)		Water Sar	nple	(WS)	<u> </u>		Sta	ındin N−\		ater I	Level		m. SAMPLES
DESCF	RIPTION	V		SYMB	OL	EAC	 H				cm.	Ref. No	Depth (m)
		C).00m	7//									
												DS-1	0.50
						<u>.</u>	7	,	7			CDT 1	1 00 1 45
Medium, brownish grey, silty clay. Obs			KISh			2 3	3	4				SPT-1	1.00-1.45
												DS-2	1.80
												UDS-1	2.00-2.45
		2	2.80m			, ,		_	13			DS-3	2.80
						3 6	5	7				SPT-2	3.00-3.45
												DS-4	3.80
Stiff to very sti	ff h	rownish d	arev									UDS-2	4.00-4.45
to blackish grey									28			DS-5	4.80
sand mixture.						16 1	2 1	16				SPT-3	5.00-5.45
												DS-6	5.80
												UDS-3	6.00-6.45
		6	6.80m		11	1		-	1 <u>C</u>	0		DS-7	6.80
Very dense, yello sand with decompos			silty			53/10		.o c	;m	Pent	n.	SPT-4 DS-8	7.00-7.22 7.50
sana with decompos	eu ro		3.00m			00		<u>R</u>	efus	al		*SPT-5	8.00-8.03 8.00
							3	5.d d	m	Pent	n.	R1	CR=32% RQD=NIL V
				 	Щ								8.75 CR=40%
												R2	RQD=17% V 9.50
					\dashv							R3	CR=36% RQD=NIL
					\dashv							R4	10.25 CR=35% RQD=25%
Highly to moderately												R5	11.00 CR=48% RQD=35%
brown, fine to media rock.	um gr	ained, fract	tured									R6	11.75 CR=24% RQD=NIL
				<u>-</u> -								R7	12.50 CR=22% RQD=12%
												R8	13.25 CR=40% RQD=16%
					┦							R9	14.00 CR=36% RQD=NIL
												R10	14.75 CR=37% RQD=20% V
		15	5.50m										BH-4/Sheet-

		Created	Т									<u> </u>	Sheet No: $E=\langle -\rangle 789.00$
BORE LOG DA	ATA	SHEET	BC	RE	H0								N=(-)982.0
Field Test	Nos	Sam	ples		No	5			emer				2/15
Penetrometer (SPT)	5	Undisturbe	ed (U	DS)	3				tion e Dia				2/15 mm. / N.X.
Cone (Pc)		Penetrome	ter (SPT)	5				f Gr				38 m.
		Disturbed	(DS)		9	w	ate	r S	Struc	ck A	4t :	:	
/ane (V)		Water San	nple	(WS)	O	St			Wate	r Lev	vel :		
DESCR	RIPTION	١		SYMB	OL	540 1			LUE	4 -	٠,		SAMPLES (ma)
		15	.50m			EACH	וטו	VN.	=	15cr	n.	Ref. No	Depth (m) 15.5
		10	.00111									R11	CR=41% RQD=NIL 16.2
												R12	CR=39% RQD=NIL ▼ 17.0
												R13	CR=45% RQD=NIL
												R14	CR=47% RQD=NIL ▼ 18.5 CR=34%
												R15 R16	RQD=NIL
					Ц							R16	RQD=12%
												R18	RQD=NIL
												R19	RQD=NIL
Highly to moderately												R20	RQD=NIL ↓ 22.2 CR=51% ↓ RQD=NIL ↓
orown, fine to mediu ock.	ım gr	ainea, fract	urea									R21	23.0 CR=55% RQD=NIL
				<u> </u>								R22	23.7 CR=52% RQD=13% V
												R23	24.5 CR=24% RQD=13%
					\perp							R24	25.2 CR=28% RQD=NIL
					Ц							R25	26.0 CR=29% RQD=NIL 26.7
												R26	CR=40% RQD=NIL 27.5
												R27	CR=36% RQD=NIL
												R28	CR=35% RQD=NIL 29.0
					+							R29	CR=36% RQD=NIL
		70	.00m										30.0

Project : Geotech.	Inv. w	ork for Pro	p. 1	x 600M	₩ IW ST	PP at	Sir	gareni.	Adil	abad. Tele:	ngana. CETES	5 T
Job No : 3576I		-	_					_		08/12/2015	Sheet No:	
BORE LOG DA	ATA	SHEET	BC)RE	HOL	E	10.	IBH	-00	6 00-0	rdinates E=707.(N=(-)942.	000 000
Field Test	Nos	Sam	ples		Nos			cement			1/15	
Penetrometer (SPT)	15	Undisturbe	ed (U	IDS)	2	1		etion I ole Diar			1/15 mm. / N.X.	
		Penetrome			15	1		ole Diar Of Gro			mm. / N.X. B13 m.	
Cone (Pc)		Disturbed	(DS)		16			Struck			310 111.	
Vane (V)		 Water San	nple	(WS)	0			y Water			m.	
DESCF		\		SYMB			V-V	ALUE			SAMPLES	
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				UL E	ACH	DIV	l. = 1	5cm.	Ref. No	Depth (m)	
		0).00m		7							
										DS-1	0.50	
Very stiff, brownis	sh gr	ey, silty c	clay.			7 1	1	18		SPT-1	1.00-1.45	
					4					DS-2	1.60	
		2	2.45m							UDS-1	2.00-2.45	
	66\ <i>i</i>	-: +!	~					35		DS-3	2.70	
Hard, deep gi	ey,	Silly Cl	uy.		(1)	18 1	7			SPT-2	3.00-3.45	
										DS-4	3.60	
Prownich are			.00m nd.							*UDS-2	4.00-4.45	
Brownish gre	у, =	silly Su	na.							DS-5	4.70	
		5	5.00m		15	212	7	48		SPT-3	5.00-5.45	
Hard, brownish	مالمي	ماند	برماء				'			DS-6	5.60	
mara, brownish y with sand & cal) ≥	100				
					20	35 10	_ _	cm Pe	ntn.	SPT-4	6.00-6.40	
		7	'.00m		100			fusal		DS-7 *SPT-5	6.60 7.00-7.04 7.0	Λ
		,	.00111					m Pen	tn.	R1	CR=NIL	U
					100		Re	fusal		DS-8 *SPT-6	RQD=NIL 	5
O			-l 0-			2.		m Pen fusal	tn.	R2	CR=NIL RQD=NIL V	
Completely weather disintegrated rock partio					100	1 1		m Pen	+ -	DS-9 *SPT-7 R3	8.50-8.53 8.5 CR=NIL	0
·			J		<u></u>			fusal	CFII.	DS-10 *SPT-8	RQD=NIL	5
) 3.	d c	m Pen	tn.	R4	CR=24%	J
		10).00m								RQD=NIL 10.0	0
										R5	CR=32% RQD=NIL V	
				┞┯┖	J N	1 1	Г	rilling f 30.00r			10.7 CR=28%	5
						7.00	11 10	30.001	r'	R6	RQD=NIL	Λ
					_					 R7	CR=21%	U
											RQD=NIL ↓ 12.2	5
Highly weathered					Д.					R8	CR=25% RQD=NIL ▼	
medium to fine grai	ıned,	nıgnıy tract	ured								13.0 CR=35%	0
					Щ					R9	RQD=32% 13.7	5
										R10	CR=29%	5
										""	RQD=NIL † 14.5	0
										R11	CR=33% RQD=20%	
		15	5.50m								15.2	5
		10	,	1	<u> </u>						BH-6/She	ωt –

ſ		•			2221	+	~~~		~•				
	Project : Geotech. Job No : 3576I	Inv. w	ork for Prop Created									abad, Tele: 08/12/2015	
ŀ	BORE LOG DA	 ለፐለ	SHEET)RE								
)1 \1 \1					ment			rdinates E=707.000 N=(-)942.000
	Field Test	Nos	Samı	oles		No	os I			ment on [11/15
	Penetrometer (SPT)	15	Undisturbe	d (U	IDS)	2			•	Dian			mm. / N.X.
	Cone (Pc)		Penetrome	ter ((SPT)	1	5 _L	eve	l Of	Gro	und	: 142.8	813 m.
			Disturbed	-		1	6 W	′ate	er S	truck	At	:	
	Vane (V)		Water Sam	ple	(WS)	C) S ¹			/ater	Level	1	
	DESCF	RIPTION	N		SYMB	OL.			-VAL				SAMPLES
			1.5	.50m			EACH	l D	IVN.	= 15	cm.	Ref. No	Depth (m)
			13.	JUM								R12	CR=21% S RQD=NIL
												R13	16.00 CR=22%
					$ \ \ \overline{ }$							K I S	RQD=NIL
												R14	CR=25% RQD=NIL
													17.50
	Highly weathered	bro	wnish vell	ΟW								R15	CR=24% RQD=NIL
	medium to fine gra				П							R16	18.25 CR=28%
	rock.											K 10	RQD=NIL ↓ 19.00
												R17	CR=28% RQD=NIL
													19.75
						!						R18	CR=25% RQD=NIL ▼
												D40	20.50 CR=21%
•			21	.25m								R19	RQD=NIL 21.25
	Highly weathered	d ar										R20	CR=26%
	medium to fine g	rained	d, decompo	sed		긤							ŘQD=ŇĬĹ † 22.00
	& highly fractured i	rock.							Refu	<u>sal</u>		R21	CR=33% RQD=13% V
•			22.	.75m	 	\forall	100	b 0	c m	Pent	2		22.75-22.77 22'.75 CR=NIL
						_	100	۷.۷	Refu		''.	R22 DS-11 *SPT-10	RQD=NIL 23.50-23.53 23.50
	Completely to highl	v wed	thered arev	ich				3.d	cm	Pent	n.	R23	CR=NIL
	yellow, medium to fin	ie graii				_	100		Refu				RQD=NIL
	& highly fractured i	rock.						2.0		Peht	n.	DS-13 *SPT-12	CR=NIL RQD=NIL V
							00	3.0	Refu	Pent	2		25.00-25.03 25.00 CR=26%
			25	.75m				٥.٩			11.	R25	RQD=16% 25.75
			20.	7 0111		\neg			Refu	801		R26	CR=NIL.
	Completely weathe	red. d	arevish vell	ow.			100		INGIG	30.		*SPT_14 *SPT_13	26.50-26.52 26'.50
	fine to medium o							2.0		Peht	n.	R27	CR=NIL RQD=NIL V
	fractured rock.					\mathcal{A}	100	3 0	Refu	Pent	5		27.25-27.28 27.25 CR=NIL
			.00m		\preceq	100	p.q	Refu		''.	R28 DS-16	RQD=NIL 28.00-28.03 28.00	
			.00111			100	3.d		Pent	n.	R29	CR=52%	
	Highly to moderate					Ц							RQD=48%
	yellow, fine to mediu fractured rock.	m gra	ined, comple	tely	$ \ \ \overline{ }$							R30	CR=40% RQD=NIL ▼
	Hactarda Tock.											R31	CP-45% 29.50
			30.	.00m	┢┷╴	괵						K31	RQD=26%30.00
	N.B. — '*' means	sam	ple could	not									
	be recovered.												
L					1	*				1 1		<u> </u>	BH-6/Sheet-2

Project : Geotech. 1	Inv w	ork for Pro	1 ·	x 6001	↓ /W S1	'pp	at 9	Singai	eni Ad	lilahad	l Telei	ngana (=	T=CT
Job No : 3576I	11111	Created											
BORE LOG DA	ATA	SHEET	BC	RE	HO	Æ	N(). I	BH-7	7		rdinates E=((–)707.000 (–)910.000
Field Test	Nos	Sam	ples		Nos				nent Da			1/15	
Penetrometer (SPT)	9	Undisturbe	ed (L	JDS)	2	- 1			on Dat Diamet			1/15 mm. / N.	x.
Cone (Pc)		Penetrome	ter ((SPT)	9	- 1			Groun			39 m.	
		Disturbed			7				ruck A				
Vane (V)		Water San	nple	(WS)	<u> </u>	St			ater Lev	/el :	5.0 i		
DESCR	RIPTION	V		SYME	BOLF			-VALU	⁾ E = 15cn	n Re		SAMPLES Depth	(m)
		0	.00m	1	<u>_</u>	1			1001	11. 110	1. 110		
										D	S-1	0.50	,
								20					
					3	9	11				PT-1 S-2	1.00-1 1.60	
Very stiff, brownis											3-2	1.00	
brown, silty clay of Obs. calcareous no			ure.)S-1	2.00-2	
								29			S-3	2.60	'
					1	010	19				PT-2	3.00-3	
										D:	S-4	3.60	'
		4	.45m	17/7	<u> </u>						DS-2	4.00-4	
								45		D	S-5	4.60)
					1	5 20	25	43		SF	PT-3	5.00-5	.45
Hard, brownish	arev	/ to arev	ish					<u>>10</u>		D	S-6	5.60	•
brown, clayey silt	with	sand mixt	ure.		5	9 100					PT-4	6.00-6	
Obs. calcareous no	odule	S.					9.0	cm Refus	Pentn. sal	D	S-7	6.50	١
					<u>``\</u> 10	0	5.0		Pentn.	*S	PT-5	7.00-7	.05
		7	.75m	11,11				Refus	<u>sal</u>	*<	PT-6	 7.75–7.78	7.75
		,	. / Ο Ι Ι Ι			- 1	3.0	cm	Pentn.		₹1	CR=32% RQD=NIL	
													8,50
								Refus	<u>sal</u>		R2 PT-7	CR=20% RQD=NIL 9.25-9.30	9.25
					\nearrow	_ I	5.0	cm	Pentn.		R3	CR=17% RQD=NIL	9.25
		la a casal — la casacci	• 1		10	o		Refus				10.00-10.0	410.00
Completely to highly grey, fine to mediun			nısn				4.0	cm	Pehtn.	ı	₹4	CR=18% RQD=NIL	<u> </u>
	J				<u> </u>	 X ro	tan	/ drilli	ng fron	ո լ	R5	CR=29% RQD=NIL	10.75
						7.7	5m	to 30).00m	'	\3	RQD=NIL 	11.50
								Refus	sal		₹6	CR=17% RQD=NIL	↓
					10	- 1	4.0		Pentn.			12.25-12.2	2912.25
		1 3	.00m				۳.۷	CIN		'	₹7	CR=22% RQD=NIL	13.00
											₹8	CR=48% RQD=NIL	
Highly to moderately grey, fine grained ro				 								CR=29%	13,75
g. 5), 1010 gravitou 10			- 5								₹9	RQD=NIL	1450
Highly to moderate	ely w	eathered,			-						R10	CR=32% RQD=NIL	14.50
brownish grey to blackis to coarse grained ro	sh grej ock.	y, medium ₁₅	.25m		+							KQD=NIL	15 <mark>,</mark> 25
to obtained gravited to		15	.50m		1							 BH-	-7/Sheet-1

Project : Geotech.	Inv. w	ork for Pro	o. 1 :	x 600M	₩ S	TPF	at	Sinø	aren	i, Adi	labad. Tele	ngana. CETEST
Job No : 3576I											09/12/2015	Sheet No:
BORE LOG I)ATA	SHEET	BC	ORE	HO	LE	N	Ο.	IBF	I-7	Со-о	rdinates E=(-)707.000 N=(-)910.000
Field Test	Nos	Sam	ples		No	S				it Date		11/15
Penetrometer (SPT)	9	Undisturbe	d (U	JDS)	2	- 1				Date mete		11/15 mm. / N.X.
Cone (Pc)		Penetrome	ter ((SPT)	9					ound		39 m.
		Disturbed			7					ck At		
Vane (V)		Water Sam	nple	(WS)	<u> </u>					Leve		
DESC	CRIPTION	V		SYMB	30L	FΔC		-VAI IVN		15cm	+	SAMPLES Depth (m)
		15	.50m								R11	CR=32% > RQD=NIL
											R12	16.00 CR=34% RQD=NIL
											R13	16.75 CR=35% RQD=NIL
											R14	17.50 CR=34% RQD=NIL 18.25
											R15	CR=28% RQD=NIL 19.00
											R16	CR=28% RQD=NIL 19.75
Highly to moderate grey to blackish grained rock.											R17	CR=44% RQD=33% V 20.50
gravilou rook.					1						R18	CR=41% RQD=34% V 21.25
					\perp						R19	CR=34% RQD=NIL 22.00
											R20	CR=30% RQD=NIL 22.75
											R21	CR=33% RQD=NIL 23.50
											R22	CR=44% RQD=NIL V 24.25
		25	.00m		\exists						R23	CR=46% RQD=14% 25.00
Moderately to s brownish grey,	fine g	rained sh			$\perp \mid$						R24	CR=50% RQD=17% V 25.75
Obs. laminated sar	ndstone		.50m								R25	CR=46% RQD=NIL 26.50
											R26	CR=70% RQD=29% V 27.50
Moderately weath	grev		\prod						R27	CR=40% RQD=NIL 28.00		
to blackish grey, fi											R28	CR=56% RQD=38% 28.75
											R29	CR=57% RQD=NIL CR=60% 29;50
		30	.00m								R30	RQD=NIL 30.00
N.B. — '*' mean be recovered.	s sam											
				1	1							BH-7/Sheet-

Project : Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana. C=TEST	Project : Geotech	Insv w	ork for Proj	n 1 ·	v 6001	√w s	TDD	2 to	inga	rani A	dile	had Tala	ngana CETEG'
Field Test		111V. W											
Field Test Nos Samples Nos Commencement Date : 18/11/15 19/11/15 Completion Date : 19/11/15 Penetrometer (SPT) 7 Disturbed (UDS) 7 Disturbed (DS) 8 Water Struck At : Water Struck At : Standing Water Level : 2.4 m. N−VALUE SAMPLES EACH DIVN. = 15cm Ref. No Depth (m) DS−1 0.50	BORE LOG DA	ATA	SHEET	BC	RE	НО	LE	NC). I	BH-	30	Go-0	rdinates E=(-)758.00 N=(-)879.00
Penetrometer (SPT) 7	Field Test	Nos	Sam	ples		No	SI					: 18/	11/15
Penetrometer (SPT) 7 Level Of Ground : 142.298 m. Water Struck At : Water Struck At : Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Water Level : 2.4 m. Standing Wa	Penetrometer (SPT)	7	Undisturbe	ed (U	IDS)	1	- 1						
Disturbed (DS) Water Sample (WS) O Standing Water Level : 2.4 m.	Cone (Pc)		Penetrome	eter ((SPT)	7							
N-VALUE SAMPLES						8	W	'ate	r St	ruck	At	:	
EACH DIVN. = 15cm. Ref. No Depth (m)	Vane (V)		Water San	nple	(WS)	_ 0	S ⁻				evel		
Brownish grey, silty clay with kankars. 0.00m 0.70m Stiff, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 2.70m 4 6 8 SPT-1 1.00-1.45 DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.60 47 SPT-3 4.00-4.45 DS-5 4.70 SPT-4 5.00-5.45 DS-6 5.60 90 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25 SPT-6 7.00-7.25 SPT-6 7.00-7.25 SPT-6 7.00-7.25 SPT-6 7.00-7.25	DESCF	OITAIS	V		SYME	BOL	FACL				m		
0.70m Stiff, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 2.70m Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27 Hard, brownish yellow, silty clay with sand wixture & calcareous nodules. 12 20 27 Hard, brownish yellow, silty clay with sand wixture & calcareous nodules. 0.50 SPT-1 1.00-1.45 DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.60 SPT-3 4.00-4.45 DS-5 4.70 SPT-4 DS-6 5.60 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25						$\overline{}$			11.		1111	1(01) 110	Dopen (III)
Stiff, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 2.70m 2.70m 9 22 29 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27 Hard, brownish yellow, silty clay with sand mixture & calcareous nodules. 4 6 8 SPT-1 1.00-1.45 DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.60 SPT-3 4.00-4.45 DS-5 4.70 SPT-4 DS-6 5.60 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25	Brownish grey, silty	y clay										DS-1	0.50
Stiff, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 2.70m 2.70m 9 22 29 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 24 37 52 Hard, brownish yellow, silty clay with sand wixture & calcareous nodules. 100 cm Pentn. DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.60 SPT-3 4.00-4.45 DS-5 4.70 SPT-4 DS-6 5.60 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25 TOO-7.25			0)./Um					14				
2.70m 2.70m 9 22 29 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 24 37 52 Hard, brownish yellow, silty clay with sand mixture & calcareous nodules. 100 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.60 SPT-3 4.00-4.45 DS-5 4.70 SPT-4 5.00-5.45 DS-6 5.60 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25 Toologoup Penth. DS-8 7.70	Stiff, brownish grey	to y	ellowish br	own,			4 6	8					
2.70m 9 22 29 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27 Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 24 37 52 B9 22 29 47 SPT-2 3.00-3.45 DS-3 4.00-4.45 DS-5 4.70 SPT-4 DS-6 5.60 SPT-5 6.00-6.45 DS-7 6.70 SPT-6 7.00-7.25 sand mixture & calcareous nodules.													
Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 47													
Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27			2	2.70m		77			51			DS-3	2.70
Hard, brownish grey to yellowish brown, silty clay with sand & calcareous nodules. 12 20 27							9 22	29					
Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second									47			DS-4	3.60
24 37 52 89 SPT-4 5.00-5.45 DS-6 5.60 19 42 48 SPT-5 6.00-6.45 Band mixture & calcareous nodules. 24 37 52 B9 SPT-4 5.00-5.45 DS-6 7.00-7.25 7 70	Hard, brownish grey	to y	ellowish br	own,			12 20	27				SPT-3	4.00-4.45
6.50m Hard, brownish yellow, silty clay with sand mixture & calcareous nodules. 24 37 52	silty clay with sand	& cal	careous nod	ules.					89			DS-5	4.70
6.50m Hard, brownish yellow, silty clay with sand mixture & calcareous nodules. 6.50m 19 42 48 90 NSPT-5 6.00-6.45 DS-7 6.70 7.00-7.25						11/2	24 37	52					
6.50m 6.50m 6.50m 6.50m All 19 42 48 All 100 All 100 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-5 All 100 BYT-6 All 100 BYT-6 All 100 BYT-6 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-8 All 100 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9 BYT-9									90			DS-6	5.60
Hard, brownish yellow, silty clay with sand mixture & calcareous nodules.			6	` E O			19 42	48	00			SPT-5	6.00-6.45
Hard, brownish yellow, silty clay with sand mixture & calcareous nodules.			0	o.som					<u>>10</u>	<u>o</u>		DS-7	6.70
\`\`\`\`\\ 1 DS-8 770				with			48 100) cm	Pent	n	SPT-6	7.00-7.25
$\frac{1}{\sqrt{1 + 2}}$		odrood									'''		
8.00m 100 100 *SPT-7 8.00-8.04 8.00 *SPT-7 8.00-8.04 8.00 R1 RQD=NIL			8	3.00m			00						
8.75												11.1	8.75
R2 CR=28% RQD=NIL R												R2	RQD=NIL
NX retary drilling from 9.50 8.00m to 30.00m R3 ROD=NII							- 1	ı r	- 1	•	m	R3	CR=24%
							0.0		10 30			NO	10.25
R4 CR=32% R4 RQD=NIL						\mathbb{H}						R4	RQD=NIL ∤
Highly weathered, light brownish yellow,												D5	
medium to fine grained, highly fractured 11.75						H						NO	11.75
rock. R6 CR=28% RQD=NIL V		,	<u> </u>									R6	
12.50 CR=26%					 	\dashv						D7	12.50 CR=26%
												11.7	RQD=NIL ↓ 13.25
R8 CR=29% R8 RQD=20%						\exists						R8	CR=29% RQD=20%
14.00												DO.	14.00
R9 RQD=NIL 14.75						\top						ку	RQD=NIL
R10 CR=32% RQD=20% V												R10	CR=32%
15.50m 15.50 BH-8/Sheet-			15	5.50m									15.50

Project : Geotech.	Inst w	only for Droy	- 1 -	r 6001	/w	ממיזיב	ot '	Sing	oroni	14:1	ahad Talar	ngana. CETEST
Job No : 3576I	IIIV. W	Created									abad, Telel 27/11/2015	
BORE LOG DA	ATA	SHEET	BC	RE	HC)LE	N	0.	IBH	[-08	B Co-or	rdinates E=<->758.000 N=<->879.000
Field Test	Nos	Sam	ples		No)S				t Date Date		1/15 1/15
Penetrometer (SPT)	7	Undisturbe	•	•	1	E				ımeter		mm. / N.X.
Cone (Pc)		Penetrome Disturbed		(SPT)	7 8	'				ound		298 m.
Vane (V)		Disturbed Water San		(WS)		'				k At Level		n.
DESCF	PIPTION	L		SYME	201			-VAI				SAMPLES
DESCI			50m		,02	EAC	H DI	IVN.	= 1	5cm.	Ref. No	Depth (m)
		13	.50m								R11	CR=37% RQD=NIL 16.25
					_						R12	CR=29% RQD=23% 17.00
											R13	CR=32% RQD=NIL 17.75 CR=35%
											R14 R15	RQD=20% 18.50 CR=26%
											R16	RQD=NIL 19.25 CR=33% RQD=13%
				 							R17	20:00 CR=37% RQD=NIL v
											R18	20:75 CR=32% RQD=NIL 21.50
Highly weathered, li medium to fine grai					_ <u> </u>						R19	CR=29% RQD=NIL 22.25
rock.	,				<u> </u>						R20	CR=30% RQD=NIL 23.00
											R21	CR=25% RQD=NIL 23.75 CR=39%
											R22	RQD=NIL
											R23 R24	RQD=NIL
											R25	RQD=NIL
											R26	26.75 CR=25% RQD=NIL
				ř <u> </u>	J						R27	27.50 CR=25% RQD=NIL
		29	.00m								R28	28.25 CR=36% RQD=NIL 29.00
Highly weathered, to fine grained, rock.		grey, med nly fractu	ium ired								R29	CR=39% RQD=NIL
N.B. — '*' means be recovered.	sam		.00m not									30.00
					<u> </u>							BH-8/Sheet-2

Project : Geotech.	inv. w	ork for Pro	o. 1 :	x 600M	₩ ST	'PP at	Sine	areni.	Adil	abad. Tele	ngana. CETE S	
Job No : 3576I										27/11/2015	Sheet No:	
BORE LOG DA	TA	SHEET	BC	ORE	H01	LE I	10.	IBH	-09		rdinates	.000
Field Test	Nos	Sam	ples		Nos	i		cement			11/15	
Penetrometer (SPT)	5	Undisturbe	ed (L	JDS)	2		•	tion I .e Diar			1/15 mm. / N.X.	
Cone (Pc)		Penetrome	ter ((SPT)	5			of Gro			731 m.	
Vane (V)		Disturbed			5			Struck				
vane (v)		Water San	nple	(WS)	<u> </u>		nding N-VA	Water	Leve	i .	m. SAMPLES	
DESCR	RIPTION	N		SYMB	OLE				5cm.	Ref. No	Depth (m)	_
		0	.00m	17.7								
										DS-1	0.50	
	م ما		ا سا			1131		30		SPT-1	1.00-1.45	
Very stiff, blackis	n gre	ey, Silly C	idy.								1.00 1.10	
										UDS-1	2.00-2.45	
		2	.50m							DS-2	2.60	
						2 13 2		33		SPT-2	3.00-3.45	
Very stiff to har silty clay.	d, br	ownish g	rey,							*UDS-2	4.00-4.45	
										DS-3	4.60	
						7 9 1		24		SPT-3	5.00-5.45	
		5	.70m					100		DS-4	5.70	+
Very dense, light		wnish yell	ωOW,		2	6 42 0	0			SPT-4	6.00-6.37	
silty sand / sandy	silt.	_	0.0					n Pen [.] <u>usal</u>	tn.	DS-5	6.70 _	
		/	.00m		10			n Pen	tn.	*SPT-5 R1	7.00-7.06 7.0 CR=22% RQD=NIL)0
										'``	7.7	75
Highly weathered, li					_					R2	CR=23% RQD=NIL	- 0
medium to fine grai rock.	nea,	nignly fract	urea		\dashv		1 - 1	Irilling	1	R3	CR=24% CR=24% RQD=NIL	טנ
						/			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		9.2	25
		4.0	0.0		_					R4	CR=25% RQD=NIL	.
		10	.00m		\mathbb{T}					R5	10.0 CR=26% RQD=NIL	וטל
											10.7 CR=24%	75
										R6	RQD=NIL ↓	50
										 R7	CR=27% RQD=13%	,0
Highly weathered !	ah+ ⊦	rownich	low								12.2 CR=23%	25
Highly weathered, li medium to fine grai					Щ					R8	RQD=NÍL ↓	00
rock.										R9	CR=27% RQD=NIL V	
					\dashv					D40	13.7	75
										R10	CR=26% RQD=NIL 14.	50
					4					R11	CR=32% RQD=NIL	-
		15	.50m								15.2	25
				1	1			1 1		1	BH-9/She	 ;et-1

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Project : Geotech.	Inv. w	ork for Proj	o. 1 x	c 600M	IW S	STPP	at :	Sing	aren	i, Adil	abad, Telei	ngana. CETES 1
Job No : 3576I		Created									27/11/2015	Sheet No:
BORE LOG D	ATA	SHEET	BC	RE	HC	LE	N	0.	IBI	I-09	9 Co-o	rdinates
Field Test	Nos	Sam	ples		No)S				nt Date		1/15
Penetrometer (SPT)	5	Undisturbe	ed (U	DS)	2			•		Date meter		1/15 mm. / N.X.
Cone (Pc)		Penetrome		SPT)	5	'				ound	: 142.7	731 m.
Vane (V)		Disturbed		(MC)	5	'				ck At		
varie (v)		Water San	npie		O	' 5			wate LUE	r Level	1	m. SAMPLES
DESC	RIPTION	N		SYMB	OL	EAC				15cm.	Ref. No	Depth (m)
		15	.50m								R12	CR=28% RQD=NIL 16.00
				<u> </u>							R13	CR=39% RQD=NIL 16.75
					_						R14	CR=37% RQD=NIL 17.50
											R15	CR=36% RQD=28% 18.25
											R16	CR=28% RQD=NIL 19.00
											R17	CR=27% RQD=NIL 19.75
				 							R18	CR=29% RQD=NIL 20.50
Highly weathered, I medium to fine gra rock.					1						R19	CR=24% RQD=NIL 21.25
											R20	CR=25% RQD=NIL v 22.00
											R21	CR=26% RQD=NIL 22.75
											R22	CR=25% RQD=NIL v 23.50
											R23	CR=24% RQD=NIL 24.25
											R24	CR=23% RQD=NIL 25.00
					\dashv						R25	CR=32% RQD=NIL 25.75
		26	.50m								R26	CR=33% RQD=NIL 26.50
Moderately weathe	ered										R27	CR=40% RQD=23% ↓ 27.25
yellow, coarse grain rock.				 							R28	CR=44% RQD=40% 28.00
		28	.75m		\exists						R29	CR=47% RQD=43% 28.75
Moderately weather yellow, coarse grain		light brow	nish								R30	CR=58% ROD=17% ▼
rock.	•	,	.00m								R31	CR=54% 29.50 RQD=NIL 30.00
N.B. — '*' means be recovered.	sam	ple could	not									
					1							BH-9/Sheet-

Project : Geotech.	Inv. w	ork for Prop). 1 z	k 600M	W SI	ГРР	at	Sin	gare	ni,	Adil	abad, Tele	ngana. CETEST
Job No : 3576I		•	1									15/12/2015	
BORE LOG DA	ATA	SHEET	BC	RE	H0								rdinates E=(-)676.000 N=(-)942.000
Field Test	Nos	Samı	ples		Nos	3 I				ent l		•	1/15
Penetrometer (SPT)	6	Undisturbe	.d (U	DS)	3			-		n D Diam			1/15 mm. / N.X.
·		 Penetrome			6					Grou			645 m.
Cone (Pc)		Disturbed	(DS)		5					uck			
Vane (V)		 Water Sam	nple	(WS)	0	S	tand	ding	Wat	ter L	.evel	: 2.6 ı	m.
DESCR		N.		SYMB	$\cap \Gamma$		Ν	-V	ALUE	=		Ç	SAMPLES
DESCI	(11 1101					AC	H D	IVN	l. =	15	em.	Ref. No	Depth (m)
		0	.00m	1777	$\overline{\Sigma}$								
												DS-1	0.50
					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3 3 6	8		<u>14</u>			SPT-1	1.00-1.45
						٦١٥	°					371-1	1.00-1.45
C1:44 1	:c '	· - · · · - ·											
Stiff to very stifsilty clay.	r, br	ownish gi	rey,									UDS-1	2.00-2.45
									23			DS-2	2.60
					3	3 12	2 1 1					SPT-2	3.00-3.45
												UDS-2	4.00-4.45
		4.	.50m									DS-3	4.70
						.	 1 16		<u>30</u>			SPT-3	
Medium dense, brow	nish (grey, silty s	and.			7 12	+ '0					SP1-3	5.00-5.45
		6	.50m									UDS-3	6.00-6.45
		0	.50111						46			DS-4	6.60
Hard, brownish	arev.	silty cla	VE		1	5 19	9 27					SPT-4	7.00-7.45
with sand mixture.	g,,		-)					>	100			DS-5	7.60
					\\\ 5	710	0 _{4.C}) _		entr		SPT-5	8.00-8.19
		8	.50m			0		1 <u>Ke</u>	fusc	<u>1</u>		*SPT-6	8.50-8.54 8.50
							4.0	C	M F	entr'	1	R1	CR=34% RQD=32%
				┞┼┼	\dashv							R2	9.25 CR=26%
					١			F .		g fr			RQD=NIL
				┟┤┼	\exists	0.	Jum	1 10	. 3ψ.	00m		R3	CR=21% RQD=NIL V
													10.75 CR=28%
					\dashv							R4	RQD=NIL
 Highly weathered,	bro	wnish vell	.ow									R5	11.50 CR=28%
medium to fine grai			,		H							1.0	ŘQD≘ŇÍĽ
										R6	CR=22% RQD=NIL V		
			Щ								13.00 CR=26%		
											R7	RQD=14%	
				H	\dashv							R8	CR=27%
													RQD=16%
				╟┴	귀							R9	CR=30% RQD=NIL V
		15	.50m		Ц								15,25
L				1	1				<u> </u>		1	<u> </u>	BH-10/Sheet-1

Project : Geotech.	Inv. w	ork for	Prop. 1	l x 600N	₩ S	TPF	at S	inga	areni	, Adil	abad, Tele	ngana. CETES
Job No : 3576I											15/12/2015	
BORE LOG DA	ATA	SHEE	$\Gamma \mid F$	BORE	H0							rdinates E=(-)676.000 N=(-)942.000
Field Test	Nos	S	ample	S	No	SI	Comm					1/15
Penetrometer (SPT)	6	Undist	urbed	(UDS)	3	- 1	Comp Bore I					1/15 mm. / N.X.
Cone (Pc)		Penetro	ometer	(SPT)	6		Level					645 m.
		Disturb	ed (D	S)	5		Water	S	truc	k At	:	
Vane (V)		Water	Sampl	e (WS)	<u> </u>		Standi	<u> </u>		Leve		
DESC	RIPTION	١		SYME	BOL	E A C	N- ND N:	VAL		5.000		SAMPLES Depth (m)
			15.50	m		LAC	יוט חי	/N.	- ' 	Jem.		CR=26% >
											R10	ŘQD≡ŇÍĽ ↓ 16.00
				\mathbb{H}_{+}	\bot						R11	CR=22% RQD=NIL
Highly weathered			yellov	v,								16.75
medium to fine gra	ined r	ock.									R12	CR=28% RQD=NIL
											R13	17.50 CR=22%
			- 18.25	m H	귀						5	RQD=NIL
											R14	CR=32% RQD=NIL ▼
Highly weathered	, bro	wnish '	yellov	v, <u> </u>	\mathbb{H}						R15	19.00 CR=26%
fine tó medium gra											RIS	ŘQD≡ŇĬĹ † 19.75
					\bot						R16	CR=28% RQD=NIL ▼
			- 20.50)m								20.50 CR=25%
											R17	RQD=NIL
											R18	CR=29% RQD=27%
					\dashv							22,00
											R19	CR=26% RQD=NIL
					╫						R20	22.75 CR=30%
											1,20	RQD=NIL † 23.50
					廾						R21	CR=33% RQD=14% ▼
											D00	24.25 CR=29%
Highly to moderately	v weat	hered. b	rownis	h H							R22	ŘQD=17% ∤ 25.00
yellow to yellowi	sh br										R23	CR=26% RQD=NIL V
medium grained roc	ck.				\top							25,75
											R24	CR=25% RQD=NIL
											R25	26.50 CR=29%
												RQD=18% ↓ 27.25
											R26	CR=32% RQD=18%
											R27	28.00 CR=28%
											1\4/	RQD=NIL ∲ 28.75
											R28	CR=33% RQD=NIL ▼
											R29	CR=48% 29 50
			30.00	m	4						5	RQD=NIL 30.00
N.B. — '*' means	sam	ple cou	ıld no	ot								
be recovered.					<u> </u>							

	Project : Geotech.	Inv. w	ork for Pro	nn. 1	x 6001	↓ /W S	трр	at :	Singa	reni. A	lilal	nad. Telei	ngana. CETES	. T
	Job No : 3576I	11111	Created											
	BORE LOG D	ATA	SHEET	BC	RE	HC				BH-			rdinates E=(-)676.0 N=(-)910.0	00
	Field Test	Nos	San	nples		No	S I			ment Do			1/15	
	Penetrometer (SPT)	12	Undisturb	ed (U	IDS)	2	- 1			on Da Diame			2/15 mm. / N.X.	
	Cone (Pc)		Penetrom	eter ((SPT)	1:	_			Grour			35 m.	
			Disturbed			1.	' '			ruck ,				
	Vane (V)		Water Sa	mple	(WS)	C	S		ing W -VALl	ater Le	vel :		m. SAMPLES	
	DESC	RIPTIOI	V		SYME	BOL	EACH				n.	Ref. No	Depth (m)	
				0.00m	177								·	
	Brownish grey, silty	clay.										DS-1	0.50	
				0.80m			7		9			CDT 1	1 00 1 15	
							3 5	4				SPT-1 DS-2	1.00-1.45 1.60	
	Stiff, blackish gr sand mixture.	ey, s	ilty clay	with								UDS-1 DS-3	2.00-2.45 2.60	
									13	.				
							5 7	6				SPT-2	3.00-3.45	
				4.00m	1111									
												UDS-2	4.00-4.45	
									42			DS-4	4.65	
-	Hard, yellowish	brow	n, silty (clay.			14 19	23				SPT-3	5.00-5.45	
	Obs. sand mixture a								72			DS-5	5.60	
							12 3C	42				SPT-4	6.00-6.45	
							4055		<u>>10</u>	<u>o</u>		DS-6	6.75	
				7.50m		\`.\	18 55 00	5.0	cm	Pentn.		SPT-5 *SPT-6	7.00-7.35 7.50-7.53 7. 5	50
				7.50111		<u> </u>		3.0	Refus cm	Pentn.		R1	CR=23% RQD=NIL	30
													8.2	25
												R2	CR=21% RQD=NIL 9.0	20
						$\overline{}$						R3	CR=23%	JU
													RQD=NIL 9.7	75
	Highly weathered	. vel	lowish br	own.								R4	CR=24% RQD=13%	_
	medium to coarse			· · · · · · · ·								R5	10.5 CR=27%	50
												NO	RQD=NIL	25
												R6	CR=21% RQD=NIL	
										R7	12.0 CR=24%	00		
										K/	ŘQD≡ŇĬĹ ↓ 12.7	75		
												R8	CR=28% RQD=NIL	
			1	3.50m								R9	13.5 CR=NIL	50
						\subseteq	00		Refus			DS-7	RQD=NIL 	25
	Completely weather coarse grained, ful					_			cm Refus	Pentn. sal		R10	CR=NIL RQD=NIL	_
	•	-	•			\dashv	00	3.0		Pentn.			15.00-15.03 15. 0 CR=NIL	00
			1	5.50m								R11	RQD=NIL ▼	
						T							BH-11/Shee	t-1

Project : Geotech.	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana. CITIST Job No: 3576I Created by: Chandrani Created on: 24/12/2015 Sheet No:												
Job No : 3576I										Sheet No:			
BORE LOG DA	ATA	SHEET	BC	RE	HOI	E :	NO.	IBH-1	1 Co-o	rdinates E=(-)676.000 N=(-)910.000			
Field Test	Nos	Sam	ples		Nos			ement Dat		1/15			
Penetrometer (SPT)	12	Undisturbe	ed (U	IDS)	2		,	ion Date : Diamete		2/15			
	12	Penetrome	•	•	12			Ground		mm. / N.X. 35 m.			
Cone (Pc)		Disturbed	(DS)		12			truck A					
Vane (V)		Water Sam	nple	(WS)	0	Sta	nding \	Vater Leve	el: 3.9 i	n.			
DESCF	RIPTIOI	V		SYME			N-VAL		_	SAMPLES			
		15	.50m		E	ACH	DIVN. <u>>1</u>		Ref. No	Depth (m)			
Completely weathe	red, \				100			Pentn.		15.75–15.77 15.75			
coarse grained, ful		composed r	rock				<u> </u>		R12	CR=NIL RQD=NIL			
		10	.50m		T 100) 3	.d cm	Pehtn.	R13	16.50-16.53 16.50 CR=32%			
										ŘQD=NIL ↓ 17.25			
Highly to moderately	v weat	hered brow	nish						R14	CR=25% RQD=NIL			
grey, medium grai				 	Щ.				R15	18.00 CR=44%			
									1013	ŘQD=17% ↓ 18.75			
									R16	CR=45% RQD=19% ▼			
		19	.50m						R17	19.50 CR=NIL			
Completely weathe					100		Refu		DS-11	RQD=NIL ↓ 20.25-20.28 20.25			
coarse graned, full	y dec	omposed r	ock.				.0 cm Refu	Pehtn.	R18	CR=NIL			
		21	.00m		7700			Pentn.	*SPT-12	21.00-21.02 21.00			
									R19	CR=40% RQD=NIL			
				 					R20	21.75 CR=36%			
										RQD=NIL			
				\prod					R21	CR=39% RQD=16%			
									R22	23.25 CR=41%			
Highly to moderately	, weat	hered brow	nich		Ţ				NZZ	ŘQD=17% ↓ 24.00			
grey, medium to fir									R23	CR=42% RQD=NIL ▼			
rock.					<u> </u>				D0.4	24.75 CR=39%			
									R24	RQD=16% ↓ 25.50			
									R25	CR=45% RQD=32%			
										26.25 CR=48%			
									R26	RQD=NÎL ↓ 27.00			
					Щ				R27	CR=50% RQD=18%			
		27	.75m							27.75			
									R28	CR=52% RQD=NIL			
Moderately weather medium to fine									R29	28.50 CR=55%			
rock.	9, 411	ica, macci	,, CU						1123	RQD=NIL			
									R30	CR=58% RQD=NIL ▼			
			.00m							30.00			
N.B. — '*' means be recovered.	sam	ple could	not										
Jo 1000 voi cu.										DH 11/05			
				Dago	T / ·	260				BH-11/Sheet-2			

Project : Geotech.	Inv. w	ork for Pro	p. 1 :	x 600N	₩ MW ST	'PP	at Sing	areni.	Adila	ıbad, Tele	ngana. C	TEST
Job No : 3576I		Created								6/11/2015	Sheet N	o:
BORE LOG D	ATA	SHEET	BC	ORE	HOI	E	NO.	IBH-	-12	C o-o	rdinates <mark>E=</mark> N=(119.000 -)338.000
Field Test	Nos	Sam	ples		Nos			ement		: 23/1	0/15	
Penetrometer (SPT)	9	Undisturbe	ed (L	JDS)	2	- 1	,	tion D e Diam			0/15 mm. / N.	
		 Penetrome			9			e Diam f Grou			mm. / N. 464 m.	^.
Cone (Pc)		Disturbed	(DS)		8	- 1		Struck				
Vane (V)		Water San	nple	(WS)	1	St	anding	Water L	.evel	: 7.2	m.	
DESCI	RIPTIOI	V		SYME			N-VA				SAMPLES	, ,
).00m		E	ACF	DIVN.	= 15	cm.	Ref. No	Depth	(m)
		O	7.00111							DS-1	0.50	
										D2-1	0.50	
Stiff, brownish gre	ey to	blackish o	grey,		2	5	6 -	<u> </u>		SPT-1	1.00-1	.45
silty clay.		_										
										UDS-1	2.00-2	.45
		2	2.80m	11/11						DS-2	2.60	
		2			8	 	 17 <u>2</u>	28		SPT-2	3.00-3	.45
Medium dense, brow	nich a	rov to vollo	wish									
grey, silty sand.	ilisii y	rey to yetto	WISH							*UDS-2	4.00-4	.15
										DS-3	4.50	
		5	5.00m		4	 2 53	100 \(\frac{1}{2}\)	00		SPT-3	5.00-5	.37
Vary dance brown:							7.0 cm	Pentr		DS-4	5.50	I
Very dense, browni grey, silty sand.	sn gre	ey to yerro	wisn		68	8 100		00		SPT-4	6.00-6	.20
		6	5.50m		10		5. 0 ¢	m Pen [.] usal	th.	*SPT-5	6.50-6.55	6.50
								m Pen	tn.			
0 - - - - - - - -										WS-1 R1	7.20 CR=NIL	
Completely weather decomposed rcok.	erea,	prownish ç	grey,		10		Ref	<u>usal</u>		DS-5 *SPT-6	RQD=NIL 8.00-8.05	8.00
					\nearrow		5.0 c	m Pen	tn.	R2	CR=20%	
			1.00m							ΝZ	RQD=NIL	9.00
		9		' <u> </u>						D.Z	CR=26%	9.00
					N	- 1	l f l	illi <mark>ng fr</mark> 30.00m		R3	RQD=NIL	10000
										R4	CR=22%	10:00
											RQD=12%	10.75
										R5	CR=21% RQD=14%	
										De	CR=30%	11.50
Highly weathered,										R6	RQD=NIL	12.25
yellowish grey, me	edium	grained r	ock.							R7	CR=24% RQD=NIL	
											CR=22%	13.00
										R8	RQD=NIL	13.75
					\dashv					R9	CR=34%	13./3
											RQD=23%	14,50
										R10	CR=27% RQD=25%	
		15	5.50m									15.50
_				Dage	22/						BH-1	2/Sheet-1

Duniant . Castack	T	l. f D	1 .	6001		ממש	-1 C:		: A	J21 - L -	J M.)	······································
Project : Geotech. Job No : 3576I	inv. w	Created									1/2015	ngana. CETEST Sheet No:
BORE LOG DA	ATA	-	T -						BH-	•	T	rdinates E=119.000 N=(-)338.000
Field Test	Nos	Sam	ples		No:	S			nent D			0/15
Penetrometer (SPT)	9	Undisturbe	ed (L	JDS)	2				on Da Diame			0/15 mm. / N.X.
Cone (Pc)		Penetrome	eter ((SPT)	9				Groun			464 m.
		Disturbed			8	V	Vater	St	ruck	At :		
Vane (V)		Water Sar	nple	(WS)	1	S			ater Le	vel :	7.2	
DESCF	RIPTION	N		SYME		FAC	<u>н Ы</u> М-/)는 = 15c	m Re		SAMPLES Depth (m)
		15	5.50m						- 150	111.	11. 110	200000
Highly weathered, yellowish grey, me		grained r									R11	CR=27% RQD=15% 16.50
											R12	CR=20% RQD=NIL 17.50
Completely to highly grey to yellowish g rock.											R13	CR=24% RQD=15% 18.50
rock.											R14	CR=29% RQD=NIL 19.50
		20).50m			00		efus cm	sal Pentr	*8		CR=NIL RQD=NIL 20.50-20.5320.50 CR=NIL
Conmpletely weathe medium grained roc		yellowish (grey,			00	R	efus		*§	R16 S-7 PT-8	21.50-21.5421.50 CR=NIL
		0.0			-			efus			R17 S-8 PT-9	RQD=NIL
			2.50m			00	5.0	cm	 Pentr	I		22.50-22.55 22.50 CR=28%
											R18	RQD=16% 23.50
Highly to moderately	v wed	thered me	dium								R19	CR=29% RQD=NIL 24.50
grained, brownish grey rock.					$\frac{1}{1}$						R20	CR=46% RQD=NIL 25.50
											R21	CR=27% RQD=12% 26.50
		27	⁷ .50m								R22	CR=31% RQD=14% 27.50
					$\frac{1}{1}$						R23	CR=30% RQD=NIL 28.50
Highly weathered, bl grained rock.	lackish	n grey, med	dium		<u> </u>						R24	CR=40% RQD=NIL
		٦,).00m									30.00
N.B. — '*' means be recovered.	sam											30.00
				1	1		1 1	_!				BH-12/Sheet-2

Project : Geotech.	Ins w	ork for Pr	on 1 3	⊭ 600M	₩ ST	ססי	at (Singar	eni Adi	lahad Tala	ngana CETECT
Job No : 3576I	1117. 11									$\frac{16}{16/11/2015}$	
BORE LOG DA	ATA	SHEET	BC	RE	HO	LE	N	0. I	BH-1	3 Co-o	rdinates E=132.000 N=(-)352.000
Field Test	Nos	Sai	mples		Nos	3			nent Dat	e: 27/	10/15
Penetrometer (SPT)	19	Undistur	bed (U	DS)	1	- 1		•	on Date Diamete		10/15 mm. / N.X.
Cone (Pc)		Penetron	neter ((SPT)	19				Ground		828 m.
		Disturbed			14	- 1			ruck A		
Vane (V)		Water Sc	ample	(WS)	0	S			ater Leve		
DESC	RIPTIOI	٧		SYMB		.VCF		-VALU		Ref. No	SAMPLES Depth (m)
			0.00m						13611	1. 1.01. 110	200011 (11)
										DS-1	0.50
	• 1 1		0.1					12			
Stiff, deep grey calcareous nodules.	, Silt	y clay.	Obs.			3 4	8			SPT-1	1.00-1.45
			2.50m							UDS-1	2.00-2.45
			2.00111					>10	<u>o</u>	DS-2	2.60
					4	7100	10.	0 cm	Pentn.	SPT-2	3.00-3.25
								<u>>10</u>		05-3	3.60
					3	9100) 9.0	cm	Pentn.	SPT-3 DS-4	4.00-4.24 4.50
Very dense, yellowis	sh bro	wn, silty	sand.		110			<u>>10</u>			
	bs. mica.							0 cm	Penth.	SPT-4	5.00-5.12
								>10	1 1	DS-5	5.50
					110	00	6.0	cm	Pentn.	SPT-5	6.00-6.06
								<u>>10</u>	<u>0</u>	DS-6	6.50
			7.25m			00	8.0	cm Refus	Pentn. sal	SPT-6 *SPT-7	7.00-7.08 7.25-7.32 7.25
							7.0		Pentn.	R1 DS-7 SPT-8	CR=NIL RQD=NIL
					10	0	8.0		<u>∪</u> Pentn.		8.00-8.08 8.00 CR=10%
Completely weather	orod	brownich	arov		10	00		Refus		R2 *SPT-9	RQD=NIL 8.75-8.78 8.75
Completely weather to reddish brown,	medi	ium to c	oarse		Z		3.0		Pentn.	R3	CR=12% RQD=NIL
grained, complete	ely fr	actured	rock.		10	00	4.0	Refus	<u>sal</u> Pentn.	*SPT-10	9.50-9.54 9.50 CR=14%
					— 1 C)O	1 1	cm Refus		R4 *SPT_11	RQD=NIL 10.25-10.3010.25
					-	, 5	5.0		Pentn.	R5	CR=12% RQD=NIL
		1	1.00m			00		Refus		*SPT-12	11.00-11.0311.00
							3.0	cm	Pentn.	R6	CR=26% RQD=NIL
					\dashv					R7	11.75 CR=28%
Highly weathere						. N		1110ء الم			RQD=NIL 12.50
to reddish brown, grained, complete					\prod^{N}	- 1	1 1		ng from 0.00m	R8	CR=30% RQD=NIL
	-				Ш					R9	13.25 CR=32%
											RQD=NIL 14.00
Completely weathered,	hrow	nish arev	1 ==		Щ					R10	CR=28% RQD=NIL
to reddish brown, me	dium	to coarse	4./5m	-						R11	14.75 CR=21%
grained, completely	tractu		5.50m							KII	RQD=NIL 15.50
					1			-			BH-13/Sheet-1

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana. CETEST Job No: 3576I Created by: Chandrani Created on: 16/11/2015 Sheet No:													
Job No : 3576I										Sheet No:			
BORE LOG	DATA	SHEET	BC	RE	H01	LE :	NO.	IBH-1	. 3 Co-o	rdinates E=132.000 N=(-)352.000			
Field Test	Nos	Sam	ples		Nos	;		ncement Da		0/15			
Penetrometer (SPI) 19	Undisturbe	ed (U	IDS)	1	- 1		etion Dat		0/15 mm. / N.X.			
) 19	Penetrome	,		19	- 1		ole Diamete Of Groun		mm. / N.X. 328 m.			
Cone (Pc)		Disturbed	(DS)		14	- 1		Struck A		520 m.			
Vane (V)		Water Sam	nple	(WS)	0	Sta	ndin	g Water Lev	el: 2.8	m.			
DES	CRIPTION	V		SYME	BOL -			/ALUE		SAMPLES			
			.50m		E			N. = 15cm efusal	Ref. No	Depth (m)			
		13	.SUM		10			m Pentn.		15.50-15.53 15.50 CR=NIL			
							Re	efusal	R12 DS-8	RQD=NIL 16.50-16.5416.50			
					10		.O c	m Pentn.		16.50-16.5416.50 CR=NIL			
Completely we grey to reddish br								efusal	R13 DS-9	RQD=NIL			
grained, comple					- 10		.a c	m Pentn.	*SPT-15 R14	17.50-17.55 17.50 CR=NIL			
							.9 0		DS-10	RQD=NIL 18.25 18.25			
									R15	CR=26% RQD=NIL			
		19	.00m							19.00			
								efusal	R16	CR=NIL RQD=NIL			
					<u> </u>				DS-11 *SPT-16	20.00-20.0420.00			
								m Pentn.	R17	CR=NIL RQD=NIL			
	Completely weathered, greyish yello nedium to coarse grained, highly fractur							efusal	DS-12 *SPT-17	21.00-21.0621.00			
rock.	,	3 ,			<u> </u>		.d c		R18	CR=NIL RQD=NIL			
					/ 10		<u>R</u>	efusal	DS-13 SPT-18	22.00-22.03 22.00			
							.d c	m Pentn.	R19	CR=NIL			
		23	.00m			0	<u>Re</u>	efusal		RQD=NIL 23.00-23.03 23.00			
		23	.00111				.d c	m Pentn.	R20	CR=49% RQD=NIL			
										23.75			
Highly to modera									R21	CR=40% RQD=NIL			
yellow, medium highly fractured ro		arse grair	ned,						R22	24.50 CR=36%			
<i>J</i>										RQD=NIL ∳ 25.25			
									R23	CR=48% RQD=NIL ▼			
		26	.00m		+				D0.4	26:00 CR=44%			
Moderately weath					Н				R24	RQD=20% 26.75			
highly fractured	, fine	grained ro	ock.						R25	CR=40% RQD=NIL V			
		27	.50m	 	┢╡					27.50			
									R26	CR=49% RQD=15%			
Moderately weath									R27	28.25 CR=40%			
medium to coar rock.	se grai	ned, fracti	ured							RQD=NIL \$\display 29.00			
				 	\dashv				R28	CR=41% RQD=14%			
		.30	.00m		Ш					RQD=14% 30.00			
N.B. — '*' mear	ne eam												
be recovered.	,5 30111	pic could	1100										
					1					 BH-13/Sheet-:			

Job No : 3576I BORE LOG Field Test Penetrometer (SP Cone (Pc) Vane (V)	DATA Nos		BC)RE							$\frac{24/12/2015}{4}$	Sheet No: rdinates E=(-)529.0 N=(-)1013.0
Field Test Penetrometer (SP Cone (Pc)	Nos					للدلند	₹		7 1			1 UNIULOD 11 / 14/47/
Penetrometer (SP Cone (Pc)		0411	nnies		No	_s C				nt Dat		N=(-)1013.0 1/15
Cone (Pc)	(1) 8	Undisturb		IDS)	2	\dashv				Date		12/15
	l l	Penetrom			8					amete rounc		mm. / N.X. 815 m.
/ane (V)		Disturbed			7	-				ck A		515 111.
		Water Sai	mple	(WS)	0					r Leve		m.
DF	SCRIPTION	 V		SYMB	01 -	•			LUE		+	SAMPLES
			0.00			EACI	H D	IVN.	=	15cm	. Ref. No	Depth (m)
		(0.00m								50.4	0.50
									24		DS-1	0.50
	1 • 1	• • • •				7 1	1 13		24		SPT-1	1.00-1.45
Very stiff, blac	Kish gr	ey, silty (cıay.								DS-2	1.75
											UDS-1	2.00-2.45
			2.50m									
Hard, blackish	grey, s					 13 18	3 27		<u>15</u>		SPT-2	3.00-3.45
			3.50m								DS-3	3.70
											*UDS-2	4.00-4.45
											003 2	T.00 T.75
Very dense, brov Obs. clay binder.		ey, silty s	sand.			1 7 0 0	70	<u> </u>	<u>57</u>		CDT 7	E 00 E 4E
bus. etay billaci.						17 29	138				SPT-3	5.00-5.45
						00	13.		100		DS-4 SPT-4	5.75 6.00-6.13
			6.50m			00	3.		m P usal	enth.	*SPT-5	6.50-6.53 6. 5
							3.0	ch	n Pe	htn.	R1	CR=21% RQD=NIL V
											DO.	7.: CR=22%
											R2	RQD=ÑÍĽ ↓ 8.
											R3	CR=24% RQD=15%
Completely to hig												CR=25%
grey, coarse to i ractured rock.	medium	grained, h	ighly								R4	RQD=NIL ↓
2					_			Ref	usal		R5	CR=NIL 1
						00	3.0		n Pe	entn	*SPT-6	10.25-10.28 10.
						00		Ret	usal		R6 DS-6 *SPT-7	CR=NIL RQD=NIL V
					_{	00	2.0		n Pe <u>iusal</u>	htn.	R7	11.00-11.0211. CR=NIL
		1	1.75m		= 1	00	3.0		<u>usai</u> 1 Pe	htp	DS-7 *SPT-8	RQD=NIL 11.75-11.7811
					\dashv		ν.υ		Pe		R8	CR=24% RQD=NIL
											R9	CR=23%
Highly weathered	hrownie	sh arev ca	narse								1/3	RQD=NIL V
to medium gra					\dashv						R10	CR=21% RQD=NIL ▼
rock.											D4.4	14. CR=25%
											R11	RQD=NIL ↓
					_						R12	CR=23% RQD=NIL
		15	5.50m									15.5 BH-14/Shee

Project : Geotech.	Inv. w	ork for Pror	o. 1	x 6001	↓ MW S	TPP	at S	Sine	aren	i, Adil	abad. Telei	ngana. CETEST
Job No : 3576I								_			24/12/2015	
BORE LOG DA	ATA	SHEET	BO	ORE	НО	LE	NC).	IBE	I – 1	4 Co-or	rdinates E=(-)529.000 N=(-)1013.000
Field Test	Nos	Samı	ples		No	SI				t Date		1/15
Penetrometer (SPT)	8	Undisturbe	d (L	JDS)	2	I .				Date meter		2/15
		Penetrome			8	0				imeter ound		mm. / N.X. 315 m.
Cone (Pc)		Disturbed			7	-				ck At) i j
Vane (V)		 Water Sam	nple	(WS)	0	- 1				Level		n.
DESCF		\ \		SYME		ļ	N-	-VA	LUE			SAMPLES
DESCI						EACH	l DI	۷Ŋ.	= '	15cm.	Ref. No	Depth (m)
Highly weathered, b to medium graine		sh grey, co	arse								R13	CR=22% RQD=NIL 16.25
rock.	<u> </u>		.00m								R14	CR=24% RQD=NIL 17.00
Highly weathered, b											R15	CR=27% RQD=NIL ▼ 17.75 CR=29%
to medium graine rock.	d, hi	gnly tractu	ıred		$-\parallel$						R16 R17	RQD=NIL
		19	.25m								R18	RQD=NIL 19.25 CR=47% RQD=33%
											R19	20.00 CR=60% RQD=19%
											R20	20.75 CR=49% RQD=NIL
											R21	CR=48% RQD=13% 22.25
											R22	CR=52% RQD=14% 23.00
Moderately weather coarse to medium o			rey,								R23	CR=56% RQD=NIL V 23.75
											R24	CR=45% RQD=NIL ▼ 24.50 CR=48%
					_						R25 R26	ŘQD=ŇĬĹ ↓ 25.25 CR=40%
					$\frac{\parallel}{\parallel}$						R27	RQD=NIL
											R28	26.75 CR=42% RQD=NIL
		27	.50m								R29	27.50 CR=55% RQD=20% 28.25
Moderately weath											R30	CR=50% RQD=20% 29.00
		7.0	00								R31	CR=52% RQD=NIL
			.00m									30:00
N.B. — '*' means be recovered.	sam	ple could	not									
					1							BH-14/Sheet-

BORE LOG DATA SHEET BORE HOLE NO. IBH-15 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinates E-(-)51900 Co-ordinate	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.														
Field Test	-												4/12/2015	Sheet No:	
Penetrometer (SPT)	BORE LOG DA	ATA S	SHEET	BC	RE	H0	LE	N	0.	IF	3H-	15	5 Co-o	rdinates E=(-)519.00 N=(-)1025.00	0
Penetrometer (SPT)	Field Test	Nos	Samı	ples		No	S								
Cone (Pc)	Penetrometer (SPT)	7	 Undisturbe	d (U	IDS)	2	- 1								
Disturbed (DS) Water Sample (WS) O Standing Water Level : 4.05 m.	Cone (Pc)		Penetrome	ter ((SPT)	7									
N-VALUE SAMPLES							- 1 '								
DESCRIPTION	vane (v)		Water Sam	nple	(WS)	<u> </u>						evel			4
0.00m	DESCR	RIPTION			SYMB		EAC					:m.			\dashv
Stiff, blackish grey, silty clay. Obs. sand mixture & kankars. 2.70m Stiff, brownish grey, silty clay with sand mixture & calcareous nodules. 2.70m Stiff, brownish grey, silty clay with sand mixture & calcareous nodules. 4.60m Dense to very dense, brownish grey to whitish grey, silty sand. Obs. clay binder & calcareous nodules. 8.00m 8.00m 8.00m SPT-1 1.00-1.45 DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.70 UDS-2 4.00-4.45 DS-5 5.00-5.45 DS-6 5.75 SPT-4 5.00-6.45 SPT-4 5.00-6.45 SPT-5 6.00-6.45 SPT-7 SPT-5 6.80 7.00-7.20 R1 R1 R2 R2 R2 R3 R0D=NIL 8.75 CR=33% R0D=NIL 1.00-1.45 DS-3 2.70 SPT-2 3.00-3.45 DS-6 5.75 SPT-4 6.00-6.45 SPT-7 SPT-5 CR=33% R0D=NIL 1.00 R5 CR=31% R0D=NIL 1.00 CR=32% R0D=NIL 1.175 CR=29%			0	.00m	177									,	1
Stiff, blackish grey, silty clay. Obs. sand mixture & kankars. 2.70m 2.70m Stiff, brownish grey, silty clay with sand mixture & calcareous nodules. 2.70m Stiff, brownish grey, silty clay with sand mixture & calcareous nodules. 10 13 20 10 13 20 SPT-1 1.00-1.45 DS-2 1.60 UDS-1 2.00-2.45 DS-3 2.70 SPT-2 3.00-3.45 DS-4 3.70 UDS-2 4.00-4.45 DS-5 4.60 SPT-3 5.00-5.45 DS-6 5.75 SPT-4 6.00-6.45 DS-7 SPT-5 SPT-5 6.80 7.00-7.20 SPT-7 SPT-7 SPT-7 SPT-7 R1 Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. Refusal cm Pentn. R1 R2 R0D=NIL 1.100 R5 R4 R4 R0D=NIL 1.100 R5 R1 R6 R1 R1 R6 R0D=NIL 1.100 R5 R1 R1 R1 R1 R1 R1 R1 R1 R1													DS-1	0.50	
Dense to very dense, brownish grey to whitish grey, silty sand. Obs. clay binder & calcareous nodules. 1422 43 grey to whitish grey, silty sand. Obs. clay binder & calcareous nodules. 1422 43 grey to make the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of th			• • • • • • •				7	_		9			CDT 1	1 00 1 15	
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R2 CR=33% RQD=17% 9.50 R3 CR=29% RQD=13% 10.25 CR=31% RQD=NIL 11.00 CR=32% RQD=NIL 11.75 CR=29% RQD=NIL 11.75 CR=29% RQD=NIL 11.75 CR=29% RQD=NIL 11.75 CR=29% RQD=NIL 11.75			O	.00111				5.		n F	<u>ai</u> Pentn			CR=29%	
R2 RQD=17% \$\frac{1}{9.50}\$ R3 CR=29% RQD=13% \$\frac{1}{10.25}\$ R4 CR=31% RQD=NIL \$\frac{1}{11.00}\$ R5 CR=32% RQD=NIL \$\frac{1}{11.75}\$ R6 CR=29%					 	Щ								8.75	
R3 CR=29% RQD=13% 10.25 R4 CR=31% RQD=NIL 11.00 R5 CR=32% RQD=NIL 11.75 medium grained, highly fractured rock.													R2	RQD=17% 	
Highly weathered, yellowish brown, medium grained, highly fractured rock.													R3	CR=29% RQD=13% ▼	
Highly weathered, yellowish brown, medium grained, highly fractured rock.						\dashv							R4	CR=31% RQD=NIL ▼	
medium grained, highly fractured rock.	Highly weathered	vello	wish bro	w.n									R5	CR=32%	
											R6	CR=29%			
12.50 R7 RQD=NIL					 	┦							R7	12.50 CR=31%	
						\dashv							R8	13.25 CR=29%	
14.00 R9 RQD=NIL						\bot							R9	14.00 CR=30%	
14.75 R10 RQD=NIL													R10	14.75 CR=37%	
15.50 15.50 BH-15/Sheet-1			15	.50m										15.50	_

			4	2001	+	mp.p.	4 61				
Project : Geotech. In Job No : 3576I	nv. wo		•							abad, Telei 24/12/2015	
BORE LOG DA	TA		T						H-1	· I	rdinates E=(-)519.000 N=(-)1025.000
Field Test	Nos	Sam	ples		No	S			ent Date n Date		2/15 2/15
Penetrometer (SPT)	7	Undisturbe	ed (U	IDS)	2	- 1	,		i Date Jiameter		mm. / N.X.
Cone (Pc)		Penetrome		(SPT)	7	'			Ground		533 m.
Vane (V)		Disturbed Water San		(WS)	8 0				uck At er Leve		m
			ipie				N-V			1	SAMPLES
DESCR	IPTION	N 		SYME	BOL	EAC	H DIVN	ı. =	15cm.	Ref. No	Depth (m)
		15	.50m							R11	CR=39% RQD=13%
Highly weathered, medium grained, hid										R12	16.25 CR=36% RQD=13%
		17	.75m							R13	CR=33% RQD=NIL ▼ 17.75
Highly weathered,		ish grey,			\dashv					R14	CR=35% RQD=NIL ▼ 18.50
grained, highly fractu	ired f		.25m							R15	CR=28% RQD=NIL ↓ 19.25
										R16	CR=27% RQD=NIL 20.00
										R17	CR=36% RQD=NIL 20.75
										R18	CR=35% RQD=NIL 21.50
										R19	CR=37% RQD=NIL ▼ 22.25
										R20	CR=44% RQD=NIL
Highly to moderately brown to steel gre										R21	CR=35% RQD=15% ↓ 23.75
grained, highly fracti										R22	CR=36% RQD=NIL ▼ 24.50
										R23	CR=45% RQD=17% 25.25
										R24	CR=44% RQD=NIL ▼ 26.00
										R25	CR=41% RQD=21% ▼ 26.75
										R26	CR=41% RQD=28% 27.50
		22	.25m							R27	CR=48% RQD=NIL 28.25
Moderately weathere		ellowish br	own							R28	CR=52% RQD=NIL 29.00
to steel grey, medit highly fractured rock		o fine grai	ned,		+					R29	CR=59% RQD=NIL
		30	.00m	#	4						30.00
N.B. — '*' means be recovered.	samı	ple could	not								
L				1	1		1 1	ı — L		1	BH-15/Sheet-2

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.											
Job No : 3576I	A 773 A	CHERRY D								$\frac{23/11/2015}{2}$	E-/ \EE0.00
BORE LOG D	ATA	SHEET B	ORE	H							N=(-)923.00
Field Test	Nos	Samples		No)S				nt Date Date		1/15 1/15
Penetrometer (SPT)	21	Undisturbed (UDS)	2	۱ I		•		ameter		mm. / N.X.
Cone (Pc)		Penetrometer	(SPT)	2	a				round		742 m.
		Disturbed (DS		2					ck At		
Vane (V)		Water Sample	(WS)	<u> </u>)				r Level		
DESC	RIPTIO	N	SYME	30L	FΔC		NVN 1-VAL		15cm.		SAMPLES Depth (m)
		0.00r	n					Ī		1(01. 1(0	2000
Very stiff, deep calcareous nodules.		silty clay with						8		DS-1	0.50
		1.60r	n		6	3 10				SPT-1 DS-2	1.00-1.45 1.60
									UDS-1 DS-3	2.00-2.45 2.60	
Hard, deep grey, sil ^l nodules.	with calcareous			12 1	5 18	3 3	<u>3</u>		SPT-2 DS-4	3.00-3.45 3.60	
										UDS-2	4.00-4.45
									DS-5	4.70	
					15 1	6 20	<u> 3</u>	0		SPT-3	5.00-5.45
		5.70r	n () () (DS-6	5.70
					15 2	0 22	4	2		SPT-4	6.00-6.45
										DS-7	6.70
Hard, greyish y					19 2	6 3	<u> 6</u>	1		SPT-5	7.00-7.45
with sand mixtur nodules.	e. Ob	s. calcareous								DS-8	7.60
To daves.					31 10)()	\(\frac{1}{2}\)	00		SPT-6	8.00-8.25
									entn.	DS-9	8.50
		9.00r	n		100	10		00 n p	entn.	SPT-7	9.00-9.10
Very dense, greyis sand with decompo			n		100		<u>Refu</u>	<u>usal</u>		*SPT-8	9.30-9.34 9.
· _					100	4	.0 cr <u>Refu</u>		enth.	R1 *SPT-9	CR=12% RQD=NIL 10.00-10.0510.
						5	.0 cr	n P	enth.	R2 DS=10	CR=NIL RQD=NIL
					100		Refu			*SPT-10	10.75-10.77 10. CR=NIL
					100		Refu	<u>usal</u>	enth.		RQD=NIL
Completely weath	ared :	grevish vallaw			100	3	.0 cr <u>Refu</u>		enth.	R4 DS-12 *SPT-12	CR=NIL RQD=NIL 12.25-12.29 12 .
ine to medium gro	ompletely weathered, greyish yello ne to medium grained, highly fracture ecomposed & disintegrated rock.						.0 cr <u>Refu</u>		enth.	R5 DS-13 *SPT-13	CR=NIL RQD=NIL 13.00-13.03 13.
							Refu	<u>usal</u>		R6 DS-14 *SPT-14	CR=NIL RQD=NIL 13.75-13.7713.
					100	2	.0 cr <u>Refu</u>		enth.	R7 DS-15 *SP J- 15	CR=NIL RQD=NIL 14.50-14.5314. CR=NIL
					100	3	l Rdfı	ustal	enth.	*SPT_15 R8 16 *SPT_16	RQD=NIL 15.00-15.05 15
		15.50r	n			5	.0 cr	ŋŤ	enth.	R9	CR=NIL RQD=NIL
			·]	1							BH-16/Shee

Project : Geotech. : Job No : 3576I	Inv. w	ork for Prop. 1 : Created by :								<u> </u>
BORE LOG DA	\T1	1					ied on IBH		' '	E=<->550.00
Field Test	Nos	Samples		Nos	Con		cement			rainates N=(-)923.00 1/15
		Undisturbed (U	IDS)	2	- Co		etion			1/15
Penetrometer (SPT)	21	Penetrometer (.	2 21			ole Diar Of Gro			mm. / N.X. 742 m.
Cone (Pc)		Disturbed (DS)		21			Struck			/ 4
Vane (V)		Water Sample	(WS)	0			Water			n.
DESCF	RIPTION	V	SYMB				ALUE			SAMPLES
		 15.50m			ACH		l. = 1: fusal	bcm.		Depth (m)
		, 5,555		<u>1</u> c	00		cm Pe	nth	*SPT-17	15.75–15.78 15.7 CR=NIL
				— с	00		fusal	1101.		RQD=NIL 16.50−16.55 16.5
Completely weather				\dashv			cm Pe	nth.	R11	CR=NIL
ine to medium grai decomposed & disin					00		fusal cm Pe	nth	*SPT-19 R12	RQD=NIL
,	J			_ ار	00		fusal	1141.	DS-20	RQD=NIL 18.00−18.04 18.0
				_ '`	1 1		cm Pe	nth.	R13 DS-21	CR=NIL RQD=NIL
		———— 18.75m		 C	0		fusal cm Pe	n+h	*SPT-21	18.75-18.79 18.7 CR=68%
						+.0 (nun.	R14	ŘQD=20% ↓ 19.5
				┧,					R15	CR=60% RQD=12%
				Цľ	1 1	- I' - I	irilling 1 30.00i			20.2 CR=64%
				T					R16	RQD=36% ↓ 21.0
									R17	CR=60%
Moderately to slightly										RQD=NIL
grey to greyish brow grained rock.	n, me	dium to coarse							R18	RQD=NIL 22.5
5									R19	CR=56% RQD=NIL
										23.2 CR=40%
									R20	ŘQD=NÍL ↓ 24.0
									R21	CR=48% RQD=NIL
				\forall						24.7
		25.50m							R22	CR=56% RQD=NIL
		—- 25.50m		Ц					R23	25.5 CR=60% RQD=NIL
Moderately to sl				\forall						26.2
ight blackish grey nighly fractured rock	, me			\dashv					R24	CR=61% RQD=NIL
inging inducated four	``								R25	27.0 CR=52%
 Moderately weather	red b	27.75m		\dashv						RQD=NIL 27.7
medium to fine grai		highly fractured		\dashv					R26	CR=60% RQD=NIL
ock.		28. <u>5</u> 0m							R27	28.5 CR=56%
Moderately weathe medium to fine grai									'\-'	RQD=32% 29.2
rock.	,	3 ,		Ц					R28	CR=48% RQD=32%
N. D. 542		30.00m								30.0
N.B. — '*' means be recovered.	sam	pie could not								
			Page							BH-16/Sheet-

Project : Geotech Inv	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana. CETEST Job No: 3576I Created by: Chandrani Created on: 23/11/2015 Sheet No:												
Job No : 3576I													
BORE LOG DAT	A SHEET	BORE	H0]			BH-1'		rdinates E=(-)530.000 N=(-)917.000					
Field Test N	os Samp	oles	Nos	;		nent Date		1/15					
Penetrometer (SPT) 1	4 Undisturbe	d (UDS)	1		•	on Date Diameter		1/15 mm. / N.X.					
Cone (Pc)	Penetromet	ter (SPT)) 14			Ground		648 m.					
	Disturbed	(DS)	16	Wat	er Str	uck At	:						
Vane (V)	Water Sam	ple (WS) 0			ter Level							
DESCRIPT	ΓΙΟΝ	SYN	⁄BOL -		N-VALU		Ref. No	SAMPLES Depth (m)					
	0.	00m		ACH 		- 13cm.	iter. No	Depth (III)					
							DS-1	0.50					
					90								
			1	7 30 6			SPT-1	1.00-1.45					
							DS-2	1.60					
Hard, greyish brown							*UDS-1	2.00-2.45					
silty clay with sand calcareous nodules.	d mixture. O	bs.			54		DS-3	2.50					
			1	3 22 3.			SPT-2	3.00-3.45					
							DS-4	3.60					
				1172	8 <u>45</u>		SPT-3	4.00-4.45					
							DS-5	4.70					
	5.	00m	1	0192	1 40		SPT-4	5.00-5.45					
•							DS-6	5.60					
Hard, greyish yell	low silty c	lav N		8232 ⁻	5 <u>2</u>		SPT-5	6.00-6.45					
with sand mixture.							DS-7	6.70					
nodules.				 7 28 3:	63		SPT-6	7.00-7.45					
				/ 2013			DS-8	7.70					
	8.	00m	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	4 100	<u>>10</u>	<u>)</u>	SPT-7	8.00-8.25					
				1		Pentn.	DS-9	8.60					
Very dense, greyis sand.	h yellow, si	ilty	5	6 10 0	>100	<u>)</u>	SPT-8	9.00-9.18					
Carra.					1 1 1	Pentn.	DS-10	9.60					
	10.	00m	10	od	>100	<u> </u>	SPT-9	10.00-10.0810.00					
Completely weathered,	brownish yell	.ow,			3.0 cm Refus	Penth.	R1 DS-11 *SPT-10	CR=NIL RQD=NIL					
decomposed & disintegr collected as sludge.	rated rock partio	cles	10	1 1		Pentn.		10.75-10.77 10.75					
corrected as studge.	11	50m	10		Refus		R2 DS-12 *SPT-11	CR=NIL RQD=NIL					
	11.	30111		- 1	1.0 cm	Pentn.	R3	11.50-11.5411.50 CR=21% RQD=NIL					
							D.4	12.25					
Highly weathered, brown		ium 📙					R4	CR=22% RQD=NIL 13.00					
grianed, highly fracture	ed rock.		<u> </u>			ng from	R5	CR=21% RQD=NIL V					
				10,00	om to 3	0.00m		13.75					
	1 /	50m					R6	CR=22% RQD=NIL					
Completely weathered,	brownish yell	.ow,			<u>>100</u>	<u>, </u>	R7 DS-13	CR=NIL					
decomposed & disinteg collected as sludge.	·		10				*SPT-12	RQD=NIL					
	15.	50m	1	3	5. 0 ¢m	Penth.		BH-17/Sheet-1					

Project : Geotec	h. Inv. w	ork for Pro	o. 1 ³	x 600N	↓ [W STP	PP a	t Sing	areni. Ad	dilabad	l, Telei	ngana. C =	TEST
Job No : 3576I		Created									Sheet N	lo:
BORE LOG	DATA	SHEET	BC	RE	HOL			IBH-			ratifates N=	(–)530.000 (–)917.000
Field Test	Nos	Sam	ples		Nos			ement Da :ion Da			1/15 1/15	
Penetrometer (SP	PT) 14	Undisturbe	•	•	1	1		e Diamet		150	mm. / N.	.x.
Cone (Pc)		Penetrome		(SPT)	14			f Grour		142.6	648 m.	
Vane (V)		Disturbed Water San		(MC)	16 0			Struck A		5.3 ו		
			ibie			3tu	N-VAL	Water Lev	vei .		SAMPLES	
DE:	SCRIPTION	V		SYMB	OLEA	/CH		= 15cr	n. Re	f. No	Depth	(m)
		15	.50m		100		Refu	usal	DS	R8 S-14	CR=NIL RQD=NIL 16.00-16.0	
Completely weath decomposed & dicollected as slud	sintegrate				100		Refu	n Penth usal n Penth	. DS	R9 S-15	CR=NIL RQD=NIL 16.75-16. CR=NIL	
		17	.50m		100		Refu	usal m Penth	DS *SF	S-16 PT-15	RQD=NIL 17.50-17.	52 17:50
							2.0 ¢r	ii centu		R11	CR=23% RQD=NIL	18.25
Highly weathe										R12	CR=27% RQD=NIL	19.00
brown, medium fractured rock.	to fine	grained, hi	ghly							R13	CR=24% RQD=NIL	19.75
										R14	CR=28% RQD=NIL	20.50
		21	.25m							R15	CR=25% RQD=NIL	1
			.20111							R16	CR=27% RQD=NIL	↓
				 						R17	CR=31% RQD=215	22.00
					+					R18	CR=29% RQD=239	22:75 %
					Щ					R19	CR=25% RQD=NIL	23.50
										R20	CR=28% RQD=NIL	24.25
Highly weathe brown, medium fractured rock.										R21	CR=32% RQD=NIL	25.00
Traditation Foots.										R22	CR=30%	25.75
					_					R23	RQD=NIL CR=36%	26.50
											RQD=NIL 	27.25
					 					R24	CR=36% RQD=NIL	28.00
		28	.75m							R25	CR=37% RQD=NIL	28.75
Moderately weat										R26	CR=52% RQD=NIL	
brown, medium fractured rock.	to tine		ghly .00m		<u> </u>					R27	CR=56% RQD=NIL	29.50 30.00
N.B. — '*' mea be recovered.	ıns sam											
				1	1						BH-1	7/Sheet-2

Project : Geotech.	Inv w	ork for Pro	ın 1 s	x 600N	₩ S	трр	at	Singa	reni	Adil	ahad Tele	ngana C=T=	ST
Job No : 3576I	111 7 . ,,		_								08/12/2015	Sheet No:	
BORE LOG DA	ATA	SHEET	BC	RE	HO)LE	N	0. I	BH-	- 19	9 Co-o	rdinates E=(-)51 N=(-)90	8.000 5.000
Field Test	Nos	Sam	nples		No	S I			ment I		•	11/15	
Penetrometer (SPT)	8	Undisturb	ed (U	IDS)	1			•	on D Diam			11/15 mm. / N.X.	
Cone (Pc)		Penetrom		(SPT)	8	;			Grou			824 m.	
Vane (V)		Disturbed		(MC)	8				ruck				
		Water Sar	mpie		<u>0</u>	' '		ing w -VALI	ater L JF	_evei		m. SAMPLES	
DESCF	IOITAIS	N		SYMB	OL	EAC				cm.	Ref. No	Depth (m))
		(0.00m	17,17									
											DS-1	0.50	
						4 6	 	16	-		SPT-1	1.00-1.45	
Very stiff, deep ye	llowis	sh brown.	siltv								DS-2	1.70	
clay.	• C	= : - ,	- · · · • · '								UDS-1	2.00-2.45	
											DS-3	2.60	
			3.00m			14 2	3 27	<u> 50</u>			SPT-2	3.00-3.45	
Hard, brownish	valla	w cilty	ala.								DS-4	3.60	
/ clayey silt with s			Cidy			25 3	5 42	77	-		SPT-3	4.00-4.45	
		,	- 00					83			DS-5	4.75	
Llard brownish			5.00m			22 3	7 46				SPT-4	5.00-5.45	
Hard, brownish / clayey silt with s								<u> </u>			DS-6	5.70	+
nodules.		,	2 F.O			36 6	5100				SPT-5	6.00-6.35	
			6.50m				D.C	<u>>10</u>	Pehtr 0	1	DS-7	6.50	
Hard, light brow						72 10)0 5.C	cm	Pentr) 1.	SPT-6 DS-8	7.00-7.20 7.50	
clay / clayey silt	with	sana mix	ture.			00		<u> </u>			SPT-7	8.00-8.10	
		3	3.25m			00	10. 3.C	Refu	Pensal Pentr		*SPT-8 R1	8.25-8.28 8. CR=25% RQD=NIL	
				<u>-</u>	J—-	- 1			ing fro		R2	CR=38% RQD=NIL V	00 75
											R3	CR=32% RQD=13% 10. CR=28%	50
					┰┤						R4	RQD=NIL 11.	25
Highly to moderately yellow, medium to					Н						R5	CR=32% RQD=NIL 12.	00
		-									R6	CR=31% RQD=NIL 12.	75
											R7	CR=26% RQD=NIL 13.	
											R8	CR=32% RQD=NIL 14.	
					\mathbb{H}						R9	CR=40% RQD=28% 15.	
		15	5.50m								R10	CR=35% RQD=13%	
				1	1					1	1	BH-19/St	

[Project : Geotech.	Insz w	ork for Prov	. 1 ,	× 6001	₩ S	יריי <u>י</u>) at	Sin	taran	i Adil	ahad Tala	ngana CETECT
	Job No : 3576I	111 7. 77										08/12/2015	Sheet No:
	BORE LOG DA	ATA	SHEET	BC	RE	HO	LF	E N	0.	IBI	I-19		rdinates E=(-)518.000 N=(-)905.000
	Field Test	Nos	Sam	ples		No	SI				it Date Date		1/15 1/15
İ	Penetrometer (SPT)	8	Undisturbe			1			•		ameter		mm. / N.X.
	Cone (Pc)		Penetrome Disturbed		(SPT)	8					ound		824 m.
	Vane (V)		Disturbed Water Sam		(WS)	8 0					ck At r Level		m.
•	DESCE	· RIPTIOI		•	SYME	801				LUE			SAMPLES
	<i>D</i>			.50m			EAG	CH D	IVN.	. = [·]	15cm.	Ref. No	Depth (m) Ş
			13	.som								R11	15.75 CR=28% RQD=17% 16.50
												R12	CR=32% RQD=13% 17.25
												R13	CR=28% RQD=NIL † 18.00
												R14	CR=38% RQD=NIL 18.75
						<u> </u>						R15	CR=39% RQD=17% 19.50 CR=40%
					<u> </u>							R16 R17	CR=40% RQD=13% V 20.25 CR=37%
▶						1						R18	RQD=NIL
						<u> </u>						R19	RQD=13%
	Highly to moderately yellow, medium to											R20	22.50 CR=41% RQD=NIL
												R21	23.25 CR=36% RQD=32%
												R22	24.00 CR=40% RQD=37%
												R23	24.75 CR=44% RQD=27% V 25.50
												R24	CR=40% RQD=NIL 26.25
												R25	CR=33% RQD=NIL 27.00
												R26	CR=36% RQD=NIL 27.75
												R27	CR=32% RQD=NIL 28.50
						\perp						R28	CR=34% RQD=NIL v 29.25 CR=32%
			30	.00m								R29	RQD=NIL 30.00
	N.B. — '*' means be recovered.	sam	ple could	not									
L					•	1		'				•	BH-19/Sheet-2

ſ	Project : Geotech	Inv w	ork for Proj	n 1 s	v 6001	₩ 9	STPP	at 9	Sino	aren	i Adil	ahad Telei	ngana. CETEST
	Job No : 3576I	. 1117. 17											Sheet No:
	BORE LOG I	DATA	SHEET	BC	RE	H(I-21		rdinates E=(-)544.000 N=(-)843.000
	Field Test	Nos	Sam	ples		No	DS I				nt Date Date		1/15 1/15
	Penetrometer (SPT	7	Undisturbe	ed (U	IDS)	2	s				ameter		mm. / N.X.
	Cone (Pc)		Penetrome	eter ((SPT)	7	-				round		622 m.
			Disturbed			8	'				ck At		
	Vane (V)		Water San	nple	(WS)) S				r Level		
	DES	CRIPTION	١		SYME	BOL	F 4 C			LUE	1 5	Ref. No	SAMPLES Depth (m)
			0	.00m			EAC	וע ר 	VIN.	_	Joem.	Rei. No	Depth (III)
			O	.00111					1	1		DS-1	0.50
							4 5	6				SPT-1 DS-2	1.00-1.45 1.60
	Stiff to very st	iff ar	evish vel	l o w								UDS-1 DS-3	2.00-2.45 2.60
	silty clay. Obs.						6 10	12	2	22		SPT-2 DS-4	3.00-3.45 3.60
										26		UDS-2 DS-5	4.00-4.45 4.60
▶			5	.60m			6 1	1 15				SPT-3 DS-6	5.00-5.45 5.60
	Hard, yellowish with sand mixture.		, silty cl	ay			1111	5 27		13		SPT-4	6.00-6.45
			7	.00m			4040		1	00		DS-7	6.70
	Very dense,	greyis					4810	10.	- 1	m P	entn.	SPT-5 DS-8	7.00-7.25 7.70
	silty sand.						100	12.	\neg		entn.	SPT-6	8.00-8.12
٠	Highly weather		eyish yell				100	4.		<u>usal</u> m P	entn.	*SPT-7 R1	8.50-8.54 8.50 CR=24% RQD=NIL
	fine grained, cor & disintegrated ro		·	osed .00m	 		NX	rotal	rv d	rilling	from	R2	9.25 CR=28% RQD=NIL 10.00
										30.0	1 1 1	R3	CR=26% RQD=NIL 10.75
						_ <u>_</u>						R4	CR=30% RQD=16% 11.50
	Ulable to and	alve ees l	bored !-	un!-l		\dashv						R5	CR=24% RQD=NIL 12.25
	Highly to moderate grey to greyish brograined rock.					Щ						R6	CR=44% RQD=16% 13.00
												R7	CR=30% RQD=NIL 13.75
												R8	CR=28% RQD=NIL 14.50
			15	.50m		-						R9	CR=29% RQD=NIL
Į			13			1							BH-21/Sheet-1

Project : Geotech. I Job No : 3576I	Inv. wo	rk for Prop. Created b										abad, Teler 3/11/2015		<u>5</u>]
BORE LOG DA	ATA S	SHEET		RE								<u>' </u>	rdinates E=(-)544 N=(-)843	.000 3000
Field Test	Nos	Samp			No					ent D			1/15	.001
	7	 Undisturbed		DS)	2	\square (•		n Do			1/15	
Penetrometer (SPT)		Penetromet			7	. '				iame Grou			mm. / N.X. 622 m.	
Cone (Pc)		Disturbed (.01 17) 8	'				ack			322 111.	
Vane (V)		Water Sam		(WS)	l c	- '				er L			m.	
75005	NDTION							_VA					SAMPLES	
DESCR	RIPTION			SYMB	SOL	EAC	H D	IVN.	. =	150	m.	Ref. No	Depth (m)	
		15.5	50m									R10	CR=31% < RQD=NIL	>
												R11	16 CR=28% RQD=NIL 16	,
					\dashv							R12	CR=26% RQD=NIL 17.	,
					\dashv							R13	CR=32% RQD=NIL 18.	ļ
					\prod							R14	CR=36% RQD=NIL 19. CR=29%	.0
												R15 R16	CR=29% RQD=NIL CR=34% 19	7
												R17	RQD=NIL CR=29% RQD=NIL	ļ
			• 1									R18	CR=32% RQD=NIL	,
Highly to moderately grey to greyish brow grained rock.					<u> </u>							R19	CR=28% RQD=NIL 22.	
					<u> </u>							R20	CR=34% RQD=14% 23	
					Щ							R21	CR=36% RQD=16% 24	0
					-							R22	CR=29% RQD=NIL 24	! 7
					$\perp \mid$							R23	CR=38% RQD=NIL 25	! .5(
												R24	CR=52% RQD=33% 26	! 2:
												R25	CR=32% RQD=NIL 27.	.00
				<u> </u> 	버							R26	CR=36% RQD=16% 27. CR=37%	! .7!
		28.5	50m		\dashv							R27	RQD=NIL 28.	! .5(
Moderately weathe grey, fine grained ro		leep black	ish		\dashv							R28	RQD=NIL 29 CR=45%	! .2!
J		30.0	00m									R29	RQD=NIL 30.	.00
N.B. — '*' means be recovered.	samp	le could r	not											
					1								lBH−21/She	

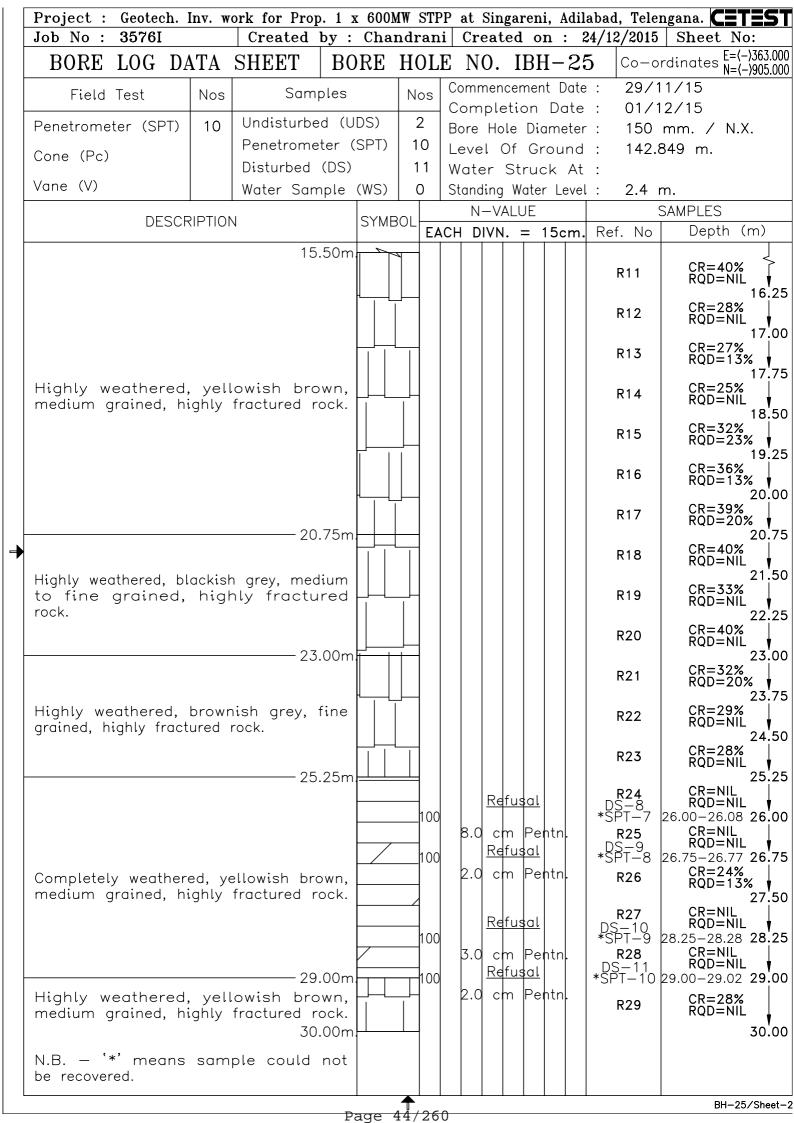
Project : Geotech.	Inv. w	ork for Pro	p. 1 2	x 6001	₩ S	STPP	at	Sin	garei	ni, Ad	lilab	ad, Tele	ngana. CETES
Job No : 3576I		Created	by:	Cha	ndr	ani	Cre	eat	ed o	on:	16/		Sheet No:
BORE LOG DA	ATA	SHEET	BC	RE	HC	LE	N	0.	IΒ	H-2	22	Со-о	rdinates E=<-)16.00 N=<-)346.00
Field Test	Nos	San	nples		No)S				nt Do			10/15
 Penetrometer (SPT)	8	Undisturb	ed (U	IDS)	1					. Dat iamet			10/15 mm. / N.X.
		 Penetrom	eter ((SPT)	8					roun			192 m.
Cone (Pc)		Disturbed	(DS)		5					ck A			
Vane (V)		Water Sa	mple	(WS)	<u> </u>) 5				er Lev	/el :		
DESCF	RIPTION	١		SYME	30L				ALUE				SAMPLES
			0.00m			EAC	н D	IVN	· =	15cr	n. ト	Ref. No	Depth (m)
									<u>8</u>			DS-1	0.50
Medium, blackisl with sand mixture.	h gre	ey, silty	clay			4 4	4					SPT-1 DS-2	1.00-1.45 1.60
			2.60m									UDS-1	2.00-2.45
Hard, yellowish with sand mixture.	brow	n, silty	clay			29 3:	2 59		91			SPT-2	3.00-3.45
with band mixed o.			4 00						90			DS-3	3.60
Very dense, yello	owish		4.00m silty		,	33 4	1 49		<u> </u>			SPT-3	4.00-4.45
sand.						45 2¦	5 38		<u>63</u>			SPT-4	5.00-5.45
		 :	5.50m						6.6			DS-4	5.60
						1924	42		<u>66</u>			SPT-5	6.00-6.45
Hard, brownish Obs. calcareous nod		, silty	clay			12 2	5 39		64 100			SPT-6	7.00-7.45
						68 10				 Penth		SPT-7	8.00-8.20
			8.50m			100	6.	Re	<u>fusa</u>		*	SPT-8	8.50-8.56 8.50 CR=32% RQD=NIL
												R2	9.25 CR=38% RQD=NIL
Highly to moderately grey to yellowish br												R3	10.00 CR=37% RQD=NIL 10.75
claystone.	OWII, 1	nearani gi	amea		\dashv	- 1		٠ ١	drillir o 30.	ig fro .00m	m	R4	CR=36% RQD=NIL 11.50
					\perp							R5	CR=38% RQD=NIL 12.25
		1.	3.00m									R6	CR=42% RQD=NIL 13.00
Llighty to perdent	alv	ath are d	ا ماد:ا									R7	CR=41% RQD=NIL 13.75
Highly to moderate brownish grey to grained, moderate	black	ish grey,	fine									R8	CR=46% RQD=NIL 14.50
		1	5.50m									R9	CR=40% RQD=NIL
		1 -	J.JUIII		<u> </u>								BH-22/Sheet-

Project : Geo	otech.	Inv. w	ork for Prot	o. 1 :	x 600N	↓ /W S	STPF	at	Sinø	aren	i, Ad	ilabad. Te	elengana. C =1	rest
Job No : 35			Created										015 Sheet N	
BORE LO	G D	ATA	SHEET	BC	ORE	HC)LE	N	0.	IBH	I-2	22 Co-	—ordinates E=⟨ N=⟨-	–>16.000 ->346.000
Field Tes	t	Nos	Sam	ples		No)S			emen			7/10/15	
Penetrometer	(SPT)	8	Undisturbe	ed (L	JDS)	1	- 1		•	ion e Dia)/10/15 50 mm. / N.)	x.
Cone (Pc)			Penetrome			8							l4.192 m.	
Vane (V)			Disturbed			5				Struc				
varie (v)			Water Sam	nple	(WS)	C)		ding -VAI	Wate	Lev	el: 4.2	2 m. SAMPLES	
	DESC	RIPTION	٧		SYME		EAC			= .	15cm	n. Ref. N		(m)
			15	.50m								R10	CR=36% RQD=NIL	\
												R11	CR=32% RQD=NIL	16.00
Highly to mo												R12	CR=40% RQD=NIL	16.75
grained, mo												R13	CR=46% RQD=NIL	17.50
												R14	CR=53% RQD=18%	18.25
			10	.75m								R15	CR=48% RQD=NIL	19.75
Moderatel brownish gre			ered, lig	ght		 						R16	CR=56% RQD=NIL	20.50
grained, mo			actured ro									R17	CR=58% RQD=NIL	21.25
			21	.2011								R18	CR=61% RQD=37%	
			1.1									R19	CR=62% RQD=37%	
Moderately brownish grey rock. Obs. lar	, fine	to m	nedium gra									R20	CR=46% RQD=NIL	23.50
												R21	CR=36% RQD=NIL	24.25
			25	.00m								R22	CR=53% RQD=NIL	25.00
			23	.00111								R23	CR=55% RQD=NIL	25.75
												R24	CR=62% RQD=21%	- 1
		, .										R25	CR=72% RQD=49%	
Moderately blackish grey,				red,								R26	CR=62% RQD=21%	- 1
						\prod						R27	CR=45% RQD=20%	
												R28	CR=69% RQD=NIL	29.50
			30	.00m	,							R29	CR=58% RQD=30%	
N.B. — '*' r be recovered.	neans	sam	ple could	not										
					1	1							 BH-22	2/Sheet-

Project : Geotech.	Inv. w	ork for Pro	on. 1 :	x 600N	₩ S	трр	at S	inga	reni.	Adil	ahad. Tele	ngana. CETEST
Job No : 3576I											7/11/2015	Sheet No:
BORE LOG DA	ATA	SHEET	BC	ORE	НО	LE	NO	. I	BH-	-23	3 Co-o	rdinates E=<->504.00 N=<->808.000
Field Test	Nos	Sar	nples		No	S			ment [11/15
Penetrometer (SPT)	6	Undisturb	ed (U	JDS)	3				on D Diam			11/15 mm. / N.X.
Cone (Pc)		Penetrom	eter ((SPT)	6				Grou			46 m.
		Disturbed	, ,		7	'			ruck			
Vane (V)		Water Sa	mple	(WS)	<u> </u>	S		ng W VALI	ater L	evel.		_m. SAMPLES
DESCF	RIPTIO	V		SYME	BOL	EACH				cm.	Ref. No	Depth (m)
			0.00m	7/7								'
											DS-1	0.50
Medium blackish	gre	y, silty (clay.			2 3	3	6			SPT-1	1.00-1.45
			1.75m			_					DS-2	1.75
			, 5111								UDS-1	2.00-2.45
											DS-3	2.70
Very stiff, brown clay. Obs. calcareous r						5 5 8	10	18			SPT-2	3.00-3.45
oray. Obs. carcarcous i	,ouu ico	, a sana ili	ARCOI C.								DS-4	3.70
											UDS-2	4.00-4.45
			4.75m					0.4			DS-5	4.75
						18 27	34	61	-		SPT-3	5.00-5.45
Hard, brownish yellow, silty	clav Oh	s calcareous r	nodules									
ridia, brownian your, only	ciay. ob	o. carcarcous r	iodures.					97			*UDS-3	6.00-6.09
						20 35 32 100	62	<u>>10</u>	1		SPT-4	6.40-6.85
			7.25m			32 100				ļ,	DS-6 SPT-5	7.00 7.00-7.25
Hard, brownish yel decomposed rock.	low,	-						Refu	Pen sal	Lri.	DS-7	7.50
			8.00m			00	7.0	cm	Pentr)).	*SPT-6 R1	8.00-8.07 8.00 CR=25% RQD=NIL •
												8.75
											R2	CR=29% RQD=NIL
							1 1 -	- 1	lling fi 30.00m	1 1	R3	9:50 CR=39% RQD=13%
											D.4	10.25 CR=34%
Highly weathered li	aht h	rownich ve	allaw		\dashv						R4	RQD=NIL ↓
Highly weathered, li	grain	ed, highl									R5	CR=28% RQD=NIL ▼
moderately fractured	I TOCK										R6	11.75 CR=36% RQD=NIL
					Щ							12.50 CR=40%
											R7	RQD=NIL
											R8	CR=40% RQD=NIL
					Щ						R9	14'.00 CR=40% RQD=NIL
											D10	14.75 CR=39%
		1	5.50m								R10	RQD=NIL ↓ 15.50
		<u> </u>		1	1							BH-23/Sheet-

ob No : 35761 BORE LOG DA	 ለጥ ለ		T .								$\frac{27/11/2015}{2}$	Sheet No: rdinates
)RE_						it Date		rainates N=(-)808.00 1/15
Field Test	Nos	Sam			No	S				Date	·	11/15
Penetrometer (SPT)	6	Undisturbe	•		3					ametei		mm. / N.X.
Cone (Pc)		Penetrome Disturbed		(SPT)	6 7					ound		46 m.
ane (V)		Water San		(WS)	0					ck At r Leve		m
DECO			1010						LUE			SAMPLES
DESCI	RIPTION			SYMB	OL	EĄC	H D	IVN.	. = '	15cm.	Ref. No	Depth (m)
		15	.50m								R11	CR=35% RQD=NIL 16.25
											R12	CR=29% RQD=NIL 17.00
											R13	CR=33% RQD=NIL ↓ 17.75
Highly weathered, li medium to fine moderately fractured	ğrain	ed, highly									R14 R15	CR=32% RQD=NIL 18.50 CR=35% RQD=NIL
noderatory mactured	i iock.										R16	RQD=NIL 19.25 CR=36% RQD=NIL
											R17	20:00 CR=28% RQD=NIL
		21	.50m								R18	20.75 CR=36% RQD=NIL 21.50
		21	.50111		<u> </u>						R19	CR=52% RQD=35% 22.25
											R20	CR=44% RQD=42% 23.00
											R21	CR=45% RQD=21% 23.75 CR=42%
											R22	RQD=NIL
Moderately weathe					Щ						R23 R24	RQD=25% ↓ 25.25 CR=40%
rellow, medium to fin ractured rock.	ne gra	inea, modero	ately								R25	RQD=NIL
											R26	26.75 CR=45% RQD=NIL
											R27	27.56 CR=42% RQD=NIL 28.29
											R28	CR=43% RQD=NIL 29.00
		7.0	00.		<u> </u>						R29	CR=40% RQD=NIL
N.B. — '*' means	sam		.00m not									30.00

Project : Geotech.	Inv. w	ork for P	rop. 1	x 600N	₩ S	STPI	Pa	t S	inga	reni.	Adil	abad. Tele	ngana. CETES '	T
Job No : 3576I												24/12/2015	Sheet No:	
BORE LOG DA	ATA	SHEET	BC	ORE	HO)LE	3	N0	.]	BH-	-25	5 Co-o	rdinates E=(-)363.00 N=(-)905.00)0)0
Field Test	Nos	Sc	ımples		No	S I				ment			11/15	
Penetrometer (SPT)	10	Undistur	bed (U	JDS)	2							: 01/1 : 150	12/15 mm. / N.X.	
		Penetro	meter ((SPT)	10	_						: 142.		
Cone (Pc)		Disturbe	d (DS)		1	1	Wc	ater	St	ruck	Αt	:		
Vane (V)		Water S	ample	(WS)	<u> </u>		Sto		<u> </u>	/ater l	_evel			
DESCF	RIPTIO	٧		SYME	30L		211		VAL			Ref. No	SAMPLES Depth (m)	_
			0.00m			EAG	<u>БН</u>		'IN.	= 13 	cm.	Rei. NO	Depth (III)	
Medium, browni	ich v	vollow										DS-1	0.50	
clay with sand mixture.						3	3	4	7			SPT-1	1.00-1.45	
												DS-2	1.75	
												UDS-1	2.00-2.45	
			- 2.75m						1, 1			DS-3	2.75	
						12	19	22	41			SPT-2	3.00-3.45	
Hard brownia	h		: !+\/						55			DS-4 *UDS-2	3.75 4.00-4.09	
Hard, brownis clay with so Obs. calcareous no	and	mixt	ure.			132	24	31	35			SPT-3	4.50-4.95	
									77	7		DS-5	5.50	4
						15	35	42	1//	-		SPT-4	6.00-6.45	
			- 6.75m						<u>>10</u>			DS-6	6.75	
Very dense, yello					ļ	50		00				SPT-5	7.00-7.20	
sand with dec	omp	osea	rock.				þ		cm Refu	Pehti sal	n.	DS-7	7.50	
			-8.00m		1	00	6	6.0	cm	Penti	n.	*SPT-6 R1	8.00-8.06 8.00 CR=28% RQD=NIL V 8.75	
												R2	CR=32% RQD=16% 9.50	
						- 1		l'	- 1	l i ng fr 0.00m		R3	CR=31% RQD=13% 10.25	
					\dashv							R4	CR=28% RQD=NIL 11.00	
Highly weathered,					\perp							R5	CR=39% RQD=16% 11.75	
medium grained, h	ighly	fractured	rock.									R6	CR=29% RQD=NIL 12.50	
												R7	CR=35% RQD=NIL 13.25	
												R8	CR=33% RQD=16% 14.00	
					<u> </u>							R9	CR=35% RQD=16% 14.75	
			15.50m									R10	CR=37% RQD=13% 15.50	
				1	1					1		1	BH-25/Sheet	 1



Project : Geotech. 1	nv. w	ork for Proj	n. 1 :	x 6001	₩ S	трр	at Sir	gareni.	Adil	abad. Teler	ngana. C=T=G]	Ħ
Job No : 3576I										$\frac{6544}{15/12/2015}$		4
BORE LOG DA	TA	SHEET	BC	RE	НО			IBH			rdinates E=(-)375.000 N=(-)929.000	0 0
Field Test	Nos	Sam	ples		No	SI		cement			1/15	
Penetrometer (SPT)	5	Undisturbe	ed (U	IDS)	2	- 1	•	etion I ble Diar			1/15 mm. / N.X.	
Cone (Pc)		Penetrome	eter ((SPT)	5	- 1		Of Gro			408 m.	
		Disturbed			5	- 1 '		Struck				
Vane (V)		Water San	nple	(WS)	<u> </u>	S	`	Water	Level	1		4
DESCR	RIPTION	N		SYME	BOL	FΔCI		ALUE J = 1	5cm	Ref. No	SAMPLES Depth (m)	-
		0	.00m							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	'	1
Stiff, light yellowis	h ara	ov to brow	nich							DS-1	0.50	
grey, silty clay. C								12				
		1	.50m			4 5	7			SPT-1 DS-2	1.00-1.45 1.50	
Hard, light yello	owish	n grey, s	ilty							UDS-1	2.00-2.45	
clay with g & calcareous nodule	rey	patch						<u>39</u>				
a calcareous noutle	3					13 17	22			SPT-2	3.00-3.45	
		4	.00m							*UDS-2	4.00-4.10	
		·								DS-3	4.50	
						_		100				
Very dense, yello	wish	brown, s	silty		,	70 10(cm Pe	ntn.	SPT-3	5.00-5.25	
sand.							1 1	100		DS-4	5.60	
						00	13.0	cm Pe	ntn.	SPT-4 DS-5	6.00-6.13 6.50	
		7	.00m				Re	fusal			7.00-7.06 7.00	
		,	.00111			00	6.0 c	m Pen	tn.	*SPT-5 R1	CR=28% RQD=NIL	
					Щ						7,75	
						- 1	1 1	rilling 1		R2	CR=35% RQD=NIL	
						7.	00m to	30.00r	m	R3	8.50 CR=28% RQD=NIL	
										1.0	9,25	
				H	귀					R4	CR=32% RQD=NIL ▼	
Highly weathered, li										R5	10.00 CR=32%	
rock	umeu,	inginy iraci	ureu	<u> </u>	+					N.S	RQD=NIL	
										R6	CR=40% RQD=28% ▼	
					Н					D.7	11.50 CR=40%	
										R7	ŘQD≐ŇÍĽ ↓ 12.25	
					\Box					R8	CR=36% RQD=NIL V	
											13.00 CR=33%	
		1 र	.75m		廿					R9	RQD=NIL	
				11						R10	CR=36% RQD=NIL V	
Highly weathered, medium grained, hi											14,50	
J ,			.25m							R11	CR=27% RQD=NIL V 15,25	
			.25m .50m								lacksquare	
					T						BH-26/Sheet-	-1

Project : G	eotech.	Inv. w	ork for Prop	o. 1	x 600N	₩ S	TPP	at Sin	garen	i, Adil	abad, Tele	ngana. CETEST
Job No: 3	576I		Created	by:	Chai	ndra	ani	Creat	ed o	n : :	15/12/2015	
BORE L	OG DA	ATA	SHEET	BO	DRE	HO	LE	NO.	IBI	1-20	6 Co-c	ordinates E=(-)375.000 N=(-)929.000
Field Te	est	Nos	Samı	ples		No	SI	Commen			•	11/15
Penetrometer	- (SPT)	5	Undisturbe	d (L	JDS)	2	- 1	Comple Bore Ho				11/15 mm. / N.X.
Cone (Pc)	(=, ,,		Penetrome	ter ((SPT)	5	- 1	_evel (408 m.
			Disturbed			5	- 1 '	Water				
Vane (V)			Water Sam	nple	(WS)	<u> </u>		Standing		r Level		
	DESCF	RIPTIO	N		SYME		FAC	N-V. H DIVN	ALUE =	15cm		SAMPLES Depth (m)
			15	.50m		4					R12	CR=35% >
											10.12	RQD=NIL
						Щ					R13	CR=28% RQD=NIL V
Highly wed	athered	d. lic	aht vellow	ish							D1.4	16.75 CR=36%
grey, mediur						\dashv					R14	ŘQD=ŇÍĽ † 17.50
IUCK.											R15	CR=33%
						\top					D1.0	18.25
			19	.00m							R16	CR=32% RQD=NIL 19.00
			, 0								R17	CR=33% RQD=NIL V
												19.75 CR=37%
											R18	RQD=NIL ↓ 20.50
											R19	CR=32% RQD=NIL V
												21.25 CR=34%
											R20	RQD=NIL V 22.00
											R21	CR=32% RQD=NIL V
						Щ						22.75
											R22	CR=33% RQD=NIL
											R23	23.50 CR=28%
Highly wea	ithered	hro	wnish vell	OW/							1125	RQD=NIL
medium gra						_					R24	CR=27% RQD=13% ▼
											DOE	25.00 CR=28%
						$+\!\!\!\!\!+$					R25	ŘQD≡ŇÍĽ † 25.75
											R26	CR=32% RQD=NIL V
						\mathbb{H}					D07	26.50 CR=36%
											R27	RQD=28% ↓ 27.25
						Щ					R28	CR=28% RQD=NIL V
												28.00 CR=32%
						\dashv					R29	RQD=NIL V 28.75
											R30	CR=36% RQD=NIL V
						$\dashv \uparrow$						00'50
			30	.00m	 	Щ					R31	CR=34% ²⁹ ;50 RQD=NIL 30!00
N.B '*'		sam	ple could	not								
be recovered	•											
						1				•		BH-26/Sheet-

Project : Geotech.	Inv. w	ork for Pro	p. 1 z	x 600M	↓ IW S	TPF	at	Singa	reni.	Adil	abad. Tele	ngana. CETES	T
Job No : 3576I			_								24/12/2015	Sheet No:	
BORE LOG DA	ATA	SHEET	BC	RE	HO	LE	N	0.	IBH-	-2"	7 Co-o	rdinates E=(-)452.00 N=(-)1009.00)O)O
Field Test	Nos	Sam	ples		No	$S \mid$			ment			12/15	
Penetrometer (SPT)	5	Undisturbe	ed (U	DS)	2	- 1					: 04/´	12/15 mm. / N.X.	
Cone (Pc)		Penetrome	eter ((SPT)	5						: 142.		
		Disturbed			7				truck				
Vane (V)		Water San	nple	(WS)	<u> </u>					_evel	: 3.8		4
DESC	RIPTIOI	V		SYMB	BOL	FAC		I-VAL IIVN.		cm.	Ref. No	SAMPLES Depth (m)	\dashv
Top soil consists	of r		0.00m own,								DS-1	0.50	
silty sand. Stiff, brownish with sand mixture			lay			4 4	1 5	<u>S</u>	-		SPT-1	1.00-1.45	
nodules.			.70m								DS-2	1.70	
		·									UDS-1	2.00-2.45	
Hard, brownish	arev	y, silty c	clav						_		DS-3	2.70	
with sand mixture nodules.	e. Ob	s. calćare	eous			9 1	6 19	3:			SPT-2	3.00-3.45	
nodules.											DS-4	3.70	
		1	30m								*UDS-2	4.00-4.07	
								<u>>1</u>			DS-5	4.50	
Very dense, yello sand.	owish	brown, s	silty			5310			Pentr	۱,	SPT-3	5.00-5.22	
Sullu.					1	00	5.0	Refu	<u>ısal</u> Penti	n.	DS-6 *SPT-4	5.70 6.00-6.05	
Highly weathered		eyish yell			1	00		Refu			*SPT-5 R1	6.50-6.53 6.50 CR=27% RQD=NIL	
fine to coarse grai	nea, r	3 ,	urea 5.00m			NX	rota	ry dri	lling fi	røm	R2	7.25 CR=26% RQD=NIL 8.00	
		O				e	5.50r	n to	30.00m	ו	R3	CR=28% RQD=NIL 8.75	
											R4	CR=36% RQD=NIL 9.50	
Highly weathered,	brown	nish arev.	fine								R5	CR=28% RQD=NIL 10.25	
to medium graine rock.											R6	CR=37% RQD=NIL	
											R7	CR=33% RQD=NIL 11.75	
											R8	CR=32% RQD=NIL ▼ 12.50	
		13	5.25m	 	+						R9	CR=37% RQD=NIL ▼ 13.25	
Highly to moderate	ely w	eathered, l	ight								R10	CR=47% RQD=44% 14.00	
yellowish brown, grained, medium fro	medi	um to cod									R11	CR=39% RQD=13% 14.75	
		15	.50m								R12	CR=41% RQD=34% ▼ 15.50	
					1							BH-27/Sheet	1

Project : Geotech.	Inv. w	ork for Prop	o. 1 :	x 600M	₩ ST	'PP	at Sin	garen	i. Adil	abad. Tele:	ngana. CETEST
Job No : 3576I										24/12/2015	Sheet No:
BORE LOG D.	ATA	SHEET	BC	ORE	H01	LE	NO.	IBE	I-2'	7 Co-o	rdinates E=<->452.000 N=<->1009.000
Field Test	Nos	Sam	ples		Nos	3	ommen				2/15
Penetrometer (SPT)	5	Undisturbe	ed (U	JDS)	2	- 1	omple ore Ho				2/15 mm. / N.X.
Cone (Pc)		Penetrome	ter ((SPT)	5		evel (537 m.
		Disturbed			7	W	ater :	Struc	k At	:	
Vane (V)		Water Sam	nple	(WS)	<u> </u>	S ⁻	anding		Level		
DESC	RIPTION	N		SYMB		. V C F	N-VA I DIVN		15cm		SAMPLES Depth (m)
		15	.50m		, -			· _		1(01. 140	·
										R13	CR=44% RQD=35%
					<u> </u>					R14	16.25 CR=36% RQD=16% 17.00
										R15	CR=42% RQD=NIL 17.75
										R16	CR=35% RQD=31% ▼ 18.50
										R17	CR=55% RQD=39% 19.25
										R18	CR=39% RQD=25% V 20.00
										R19	CR=44% RQD=28% 20.75
										R20	CR=38% RQD=32% 21.50
liably to moderat	alv. wa	antharad l	:abt							R21	CR=40% RQD=27% ▼ 22.25
Highly to moderat yellowish brown, grained, medium fro	medi	um to cod								R22	CR=45% RQD=24% V 23.00
										R23	CR=48% RQD=13% V 23.75
										R24	CR=44% RQD=17% V 24.50
										R25	CR=43% RQD=16% ▼ 25.25
										R26	CR=48% RQD=24% 26.00
										R27	CR=40% RQD=33% ▼ 26.75
										R28	CR=43% RQD=19% V 27.50
										R29	CR=39% RQD=13% V 28.25
										R30	CR=45% RQD=20% ▼ 29.00
		70	.00m							R31	CR=42% RQD=38% 30.00
ND '*'											30.00
N.B. — '*' means be recovered.	sam	pie could	not								
				1	1						 BH-27/Sheet-2

	Project : Geotech.	Inv. w	ork for Prop	. 1	x 600M	↓ IW S	TPI	P at	Sir	ngai	eni, A	Adila	abad, Tele	ngana. CET	ST
	Job No : 3576I	\ m \	CHEET												38.000
	BORE LOG DA)RE		Т				ment [rdinates	25.000
	Field Test	Nos	Samı	oles ——		No	s				on Do			12/15	
	Penetrometer (SPT)	5	Undisturbe			2					Diame			mm. / N.X.	
	Cone (Pc)		Penetrome			5					Grou			514 m.	
	Vane (V)		Disturbed			7 1					ruck				
	valle (v)		Water Sam	ріе	(WS)				1-V		ater Le	evei		SAMPLES	
	DESCR	RIPTIO	N		SYMB	OL	EAG					m.	Ref. No	Depth (m)
Ì			0.	.00m	1	<u>/:::</u>								·	
	Medium, yellow	ish	brown. si	iltv									DS-1	0.50	
	clay. Obs. calca sand mixture.						2	2 2		4			SPT-1	1.00-1.45	5
			1.	.80m		<u> </u>							DS-2	1.80	
													UDS-1	2.00-2.45	5
					111								DS-3	2.70	
	Very stiff, yellow clay. Obs. calc					` \	7	9 1 :	2	21			SPT-2	3.00-3.45	5
	& sand mixture.												WS-1 DS-4	3.70 3.80	
				.50m									UDS-2	4.00-4.45	5
	Dense, browni	sh								33			DS-5	4.80	
	sand. Obs. clay bi	nder	& calcare	ous			15 1	132					SPT-3	5.00-5.45	5
▶	Tiodules.		5	.80m					;	 10	0		DS-6	5.80	
	Very dense, browsand. Obs. clay bi						701				_ Pent	_	SPT-4	6.00-6.25	5
	nodules.			.00s		1	00	3.	Re	fus	l I		*SPT-5 R1	7.00-7.03 7. CR=33% RQD=NIL	
							NX	roto	ry (rilli	ng fro	m	R2	CR=31% RQD=NIL	.75
							7	7. 0 0i	n to	30	0.00m		R3	CR=33% RQD=NIL	.25
	Highly weathered,	yell	owish bro	wn,		<u> </u>							R4	CR=31% RQD=NIL	.00
	medium grained, h	ighly	fractured r	ock		<u></u>							R5	CR=29% RQD=NIL	.75
													R6	CR=28% RQD=NIL	.50
													R7	CR=28% RQD=13%	.25
			17	.00m									R8	CR=26% RQD=NIL	.00
			— ₁ J.	.00111		$ \frac{1}{1}$							R9	CR=48% RQD=NIL	.75
	Highly to moderately grey, medium graine					\perp							R10	CR=44% RQD=40%	.50
	rock.												R11	CR=43% RQD=40%	.25
			15.	.50m		↑								BH-28/S	

	Project : Geotech.	In v	ork for	Prop 1 s	z 600M	₩ ST	פ ממי	t Singa	rani Adil	ahad Tala	ngana. CETEST
	Job No : 3576I	IIIV. W		ed by:						$\frac{24}{12}$	Sheet No:
	BORE LOG DA	ATA	SHEE'	T BC	RE	HOI	E	NO. I	IBH-28	3 Co-o	rdinates E=<->438.000 N=<->1025.000
	Field Test	Nos	S	Samples		Nos	1		ment Date on Date		2/15 2/15
	Penetrometer (SPT)	5		urbed (U		2			Diameter		mm. / N.X.
	Cone (Pc)			ometer (oed (DS)	SPT)	5 7	1		Ground		514 m.
	Vane (V)			Sample	(WS)	1	1		truck At Vater Level		m.
	DESCR			ı	SYMB			N-VAL			SAMPLES
	DESCR		V			E	ACH	DIVN.	= 15cm.	Ref. No	Depth (m)
				15.50m						R12	CR=52% RQD=33% ↓ 16.00
										R13	CR=41% RQD=20% 16.75
										R14	CR=42% RQD=NIL 17.50
										R15	CR=48% RQD=17% ↓ 18.25
										R16	CR=39% RQD=17% ↓ 19.00
										R17	CR=48% RQD=37% ▼ 19.75
										R18	CR=41% RQD=16% V 20.50
→										R19	CR=49% RQD=27% 21.25
										R20	CR=56% RQD=38% V 22.00
	Highly to moderately grey, medium graine									R21	CR=48% RQD=20% 22.75
	rock.					_				R22	CR=51% RQD=40% 23.50
										R23	CR=49% RQD=40% ▼ 24.25
										R24	CR=48% RQD=42% ↓ 25.00
										R25	CR=51% RQD=43% 25.75
										R26	CR=55% RQD=51% V 26.50
										R27	CR=47% RQD=31% ▼ 27.25
										R28	CR=40% RQD=16% ▼ 28.00
										R29	CR=41% RQD=13% V 28.75
										R30	CR=44% RQD=26% ▼ CD=48% 29.50
				30.00m		_				R31	CR=48% 29.30 RQD=20%30.00
	N.B. — '*' means be recovered.	samı	ple cou	uld not							
ļ					L Page	1 50 /	260			<u> </u>	BH-28/Sheet-2
					raye	JU/	∠UU				

Project : Geotech.	Inv. w	ork for Pro	p. 1 2	x 600M	₩ W STI	PP	at S	Singa	reni	i. Adil	abad. Tele	ngana. CETEST
Job No : 3576I			•								3/11/2015	Sheet No:
BORE LOG DA	ATA	SHEET	BC	RE	HOL	E	N().	IBE	I-29) Co-o	rdinates E=(-)692.000 N=(-)769.000
Field Test	Nos	Sam	ples		Nos	1				t Date		11/15
Penetrometer (SPT)	12	Undisturbe	ed (U	DS)	2					Date meter		11/15 mm. / N.X.
	'-	Penetrome	eter ((SPT)	12	1				ound		442 m.
Cone (Pc)		Disturbed	(DS)		10					k At		
Vane (V)		Water Sar	nple	(WS)	O	St				Level		
DESCF	RIPTIOI	N		SYMB				-VAL				SAMPLES
).00m		E A	ACH	וטו	VN.	= '	l5cm.	Ref. No	Depth (m)
			,.00m								DS-1	0.50
					4	4	5	9	<u>-</u>		SPT-1	1.00-1.45
											DS-2	1.75
											UDS-1	2.00-2.45
								10	6		DS-3	2.60
Stiff to very stiff, bro				111	6	7	9	'	<u> </u>		SPT-2	3.00-3.45
grey, silty clay wi	ith tr	aces of s	and.								DS-4	3.75
											UDS-2	4.00-4.45
					5	6	6	1:	<u>2</u>		SPT-3	5.00-5.45
					\\]						DS-5	5.60
				1,11				1.	<u>3</u>		CDT 4	6.00.045
			7.0		4	6	7				SPT-4	6.00-6.45
		C	5.70m					8	5		DS-6	6.70
Very dense, grey	yish	yellow, s	silty		21	37	48				SPT-5	7.00-7.45
sand.					100			<u>>1</u>	<u>00</u>		DS-7 SPT-6	7.70 8.00-8.08
			8.50m				8.0) cr <u>Refu</u>		entn.		
					100					entn.	*SPT-7 R1	8.50-8.54 8.50 CR=20% RQD=NIL
					100			Refu	<u>ısal</u>		*SPT-8	9.25-9.32 9.25
							7.0	0 kr 1 <u>k</u>		entn.	R2 DS-8	CR=NIL RQD=NIL ▼
Completely to highl					100	1	100			entn.	SPT-9	10.00-10.10 10.00 CR=22%
yellow, fine to med fractured rock.	ııum	grainea, ni	gnıy		100	1		<u>Refu</u>		enun.	R3 *SPT_10	CR=22% RQD=NIL 10.75-10.7910.75
							4.0	- 1		entn.	R4	CR=NIL.
					100			Refu				11.50-11.5511.50
			. 0.5				5.0) þr Refu		entn.	R5 DS-10 *SPT-12	CR=18% RQD=NIL
		12	25m		于 ¹⁰⁰)	3.0			entn.	*SPT-12 R6	CR=28% RQD=NIL ▼
											R7	13.00 CR=29%
Highly weathered medium to coarse gr						1	I I	ry dr n to		from	157	ŘQD=ŇĬĹ 13.75
rock.	ainea,	mymy mac	tui eu			0.		. 10	30.0		R8	CR=25% RQD=NIL V
											50	14.50 CR=26%
											R9	RQD=NIL
		15	.50m									\downarrow
				Dago	<u> </u>							BH-29/Sheet-1

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Γ	Project : Geotech.	Inv. w	ork for Prop	o. 1	x 600M	₩ IW ST	PP a	t Sin	garen	ni, Adi	labad, Tele	ngana. C	TEST
	Job No : 3576I		•	by:							23/11/2015		
	BORE LOG DA	ATA	SHEET	BO	DRE	HOI				H-2		I a mates N=	(-)692.000 (-)769.000
	Field Test	Nos	Sam	oles		Nos				nt Date		1/15	
f	Penetrometer (SPT)	12	Undisturbe	d (L	JDS)	2				Date amete		1/15 mm. / N.	×
	Cone (Pc)		Penetrome	ter ((SPT)	12				round		442 m.	,,,,,
			Disturbed			10	Wo	iter	Stru	ck At	:		
L	Vane (V)		Water San	ple	(WS)	P	Sta			r Leve	1		
	DESC	RIPTION	V		SYMB		۸CH	N-V		15cm	. Ref. No	SAMPLES Depth	(m)
ŀ			15	.50m	, ,				<u></u>		R10	CR=28% RQD=NIL	
											RIU	RQD=NIL	16.00
											R11	CR=32% RQD=NIL	
	Highly weathered medium to coarse gr												16.75
	rock.	,									R12	CR=28% RQD=NIL	17.50
											R13	CR=40%	
L			18	.25m								RQD=NIL	18.25
											R14	CR=58% RQD=NIL	
											R15	CR=52% RQD=NIL	19:00
	Madarataly to a	l:ab+l	v woathor	- 0 d							K 13	RQD=NIL	19.75
	Moderately to sigreyish yellow, media	um to									R16	CR=64% RQD=NIL	
	highly fractured roc	k.										CR=68%	20.50
•											R17	RQD=NIL	21.25
											R18	CR=65%	
-			22	.00m	 	\dashv						RQD=NIL	22.00
						- - -					R19	CR=44% RQD=213	
											R20	CR=36%	22.75
						- - -					I NZU	ŘQD=ŇĬĹ	23.50
											R21	CR=37% RQD=NIL	.
											D00	CR=35%	24.25
											R22	RQD=205	% 25.00
											R23	CR=48% RQD=169	
	Highly to moderate												25.75
	yellow, medium to of fractured rock.	coarse	grainea, ni	gnıy							R24	CR=52% RQD=275	% _ _
											R25	CR=34%	26:50
						T^{H}					1,25	RQD=NIL	27.25
											R26	CR=40% RQD=NIL	
											D07	CR=42%	28:00
											R27	ŘQD=ÑÍĽ	28.75
						\exists					R28	CR=48% RQD=209	
											R29	CR=54%	29.50
			30	.00m		4					11/29	RQD=NIL	30.00
	N.B '*' means	sam	ple could	not									
	be recovered.												
						1						BH-2	29/Sheet-2

Project : Geotech.	Inv. w		_								
Job No : 3576I	A 7T7 A	-	T								Sheet No: E=(-)692.000
BORE LOG DA	AIA			IKE	HU). IB			rdinates E=(-)692.000 N=(-)633.000
Field Test	Nos	Sa	mples		Nos	SI		enceme oletion			1/15 1/15
Penetrometer (SPT)	8	Undistur	bed (L	IDS)	3	- 1		Hole Di			mm. / N.X.
Cone (Pc)		Penetror	neter ((SPT)	8	L	evel	. Of G	round	: 143.5	504 m.
·		Disturbe			10	''		r Stru			
Vane (V)		Water S	ample	(WS)	<u> </u>	S.		ng Wate		l	
DESCF	RIPTIO	٧		SYMB	BOL	FACE		-VALUE VN. =			SAMPLES Depth (m)
			0.00m		√'			· · · · ·		1(01. 1(0	
										DS-1	0.50
Stiff, brownish	vello	w siltv	clay					14			3.33
with sand & kanko						7 7	7			SPT-1	1.00-1.45
nodules.										DS-2	1.75
			0.75							UDS-1	2.00-2.45
			- 2.50m	1	1			4 7		DS-3	2.70
						5 6	7	13		SPT-2	3.00-3.45
										DS-4	3.70
Stiff to very sti										UDS-2	4.00-4.45
Obs. calcareous nod		Sircy	Cray							DS-5	4.70
						10 8	1 2	20		SPT-3	5.00-5.45
										DS-6	5.70
			- 6.00m	11/1	//						
Hard, light brow										UDS-3	6.00-6.45
clay with sand & kar nodules.	nkars.	Obs. calc	areous					44		DS-7	6.70
			- 7.50m		1	15 20	24			SPT-4	7.00-7.45
			, , , , ,					<u>>100</u>		DS-8	7.75
					2	24 45	100) cm [Pentn.	SPT-5	8.00-8.40
Very dense, brow			silty					×100		DS-9	8.70
sand with decompos	sed ro	CK.			3	36 65				SPT-6	9.00-9.37
							7.0	cm Pe >100	entn.	DS-10	9.60
		·	10.25m		1 1 (00 00	13.0) cm F Refusal	Penth.	SPT-7 *SPT-8	10.00-10.13 10.25-10.32 10.25
							7.d	cm Pe		R1	10.25-10.321 0.25 CR=40% RQD=NIL
					Щ						11.00 CR=41%
		• 1	1.1			NX r	otary	drilling	from	R2	ŘQD=21% ↓ 11.75
Moderately weather medium to coarse					1			1 10 30.		R3	CR=40% RQD=NIL V
moderately fractured					Ш						12.50
										R4	CR=42% RQD=13%
					+					R5	13.25 CR=44%
			14.00m		Щ					1.5	ŘQD=21% ↓ 14.00
Moderately weather	ed, bi									R6	CR=56% RQD=40% ▼
medium to coarse moderately fractured	grai	ned, higʻl								5.7	14.75
moderatery mactured	ITOCK		15.50m							R7	CR=58% RQD=50% 15.50
			. 0.00111	1	1						BH-30/Sheet-1

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	Project : Geotech.	Inv. w	ork for Prop	o. 1	x 600M	₩ STI	PP a	t Sin	garer	ni, Adil	abad, Telei	ngana. CETEST
	Job No : 3576I			_ _							15/12/2015	
	BORE LOG DA	ATA	SHEET	BC	DRE	HOL				H-3		rdinates E=(-)692.000 N=(-)633.000
	Field Test	Nos	Samı	ples		Nos				nt Date		1/15
	Penetrometer (SPT)	8	Undisturbe	d (U	IDS)	3		•		Date ameter		1/15 mm. / N.X.
	Cone (Pc)		Penetrome	ter ((SPT)	8				round		504 m.
			Disturbed			10				ck At		
	Vane (V)		Water Sam	nple	(WS)	<u> </u>	Sta			er Leve		
	DESCI	RIPTION	٧		SYMB	BOLF	7CH	N-VA DIVN		15cm.	Ref. No	SAMPLES Depth (m)
	Moderately weather yellow, medium to a highly to moderately	coarse	orownish grained,	.50m .25m							R8	CR=60% RQD=57% 16.25 CR=49%
											R9	RQD=32% 17.00
						Щ					R10	CR=44% RQD=NIL
											R11	CR=40% RQD=13% V 18,50
											R12	CR=48% RQD=13% 19.25
											R13	CR=50% RQD=15% V 20.00
	Moderately weather	ed, br	rownish yel	low,							R14	CR=45% RQD=NIL 20.75
→	medium to coarse fractured rock.	grain	ed, modera	tely							R15	CR=52%
											R16	CR=48%
											R17	22.25 CR=51% RQD=28%
											R18	23.00 CR=40% RQD=13%
											R19	23.75 CR=43% RQD=19%
											R20	24.50 CR=48% RQD=NIL V
•			25	.25m							R21	25.25 CR=56% RQD=13%
											R22	26.00 CR=54% RQD=25%
	Moderately to s	liahtl	v weather	red.							R23	26.75 CR=61% RQD=56%
	brownish yellow, grained, moderate	medi	um to cod	ırse		\dashv					R24	27.50 CR=64% RQD=28% V
											R25	28.25 CR=60% RQD=17% V
											R26	29.00 CR=62% RQD=NIL
			30	.00m								30.00
						T						BH-30/Sheet-2

Project : Geotech.	Inv. w		_							_			
Job No : 3576I BORE LOG DA	<u></u> \ТД	-	T				'_				n : 1 I-3	_ <u>, , , ,</u>	Sheet No: rdinates
Field Test	Nos		ples	- 1 1 1	1	os					nt Date		1/15
		Undisturbe	<u> </u>	DC)	1	3					Date		1/15
Penetrometer (SPT)	5	Penetrome				5					ameter		mm. / N.X.
Cone (Pc)		Disturbed		.51 17		7					round ck At		178 m.
Vane (V)		Water Sar		(WS)	'	1					r Level		n.
DECOS	L									ALUE			SAMPLES
DESCF	RIPTIOI	V		SYME	BOL	ΕA	СН	DI	VN	. =	15cm.	Ref. No	Depth (m)
Top soil consists of clayey silt with sand rusty spots.	black mixt	kish grey,).00m).50m						-	<u>13</u>		DS-1	0.50
Stiff, blackish grey	y to	brownish ç	grey,			6	6	7				SPT-1 DS-2	1.00-1.45 1.75
silty clay with so kankars & calcareou	and i	mixture. (Iules.	Obs.		/							UDS-1	2.00-2.45
			2.70m	· · ·						17		WS-1 DS-3	2.10 2.70
Very stiff, greyish						6	7	10	Ì	1 7		SPT-2	3.00-3.45
with sand mixture nodules.	e. Ob	s. calcare	eous		<u> </u>							DS-4 UDS-2	3.75 4.00-4.45
		1	<u>7</u> 5m									DS-5	4.75
Medium dense, brosand. Obs. clay b		h yellow, s	silty			8	7	1 1	-	<u>18</u>		SPT-3	4.73 5.00-5.45
nodules.	uer		50us 5.70m				′					DS-6	5.70
Very dense, brownis Obs. clay binder &		low, silty s	sand						>	100		*UDS-3	6.00-6.08
·		6	5.85m			36		100				SPT-4	6.50-6.85
Very dense, yellowis sand.	sh bro	wn, silty 7	7.25m			100		5.0 7.0	Re	n Pe <u>fusal</u> n Pe		DS-7 *SPT-5 R1	7.00 7.25-7.32 7.25 CR=28% RQD=NIL
					Щ	NX	(r	otar	уф	rilling	from	R2	8.00 CR=36% RQD=21% ▼
							7.2	25m	ı to	30.0	0m	R3	8.75 CR=38% RQD=36% ▼
Highly to moderate brownish yellow, med highly fractured rock	dium											R4	9.50 CR=36% RQD=16%
												R5	10.25 CR=44% RQD=16%
												R6	11.00 CR=48% RQD=16% V
		11	.75m									R7	11.75 CR=80% RQD=76%
												R8	12.50 CR=60% RQD=43%
Moderately to slighly												R9	13.25 CR=72% RQD=62%
yellow, fine grained,	slightl	y fractured	rock.									R10	14.00 CR=64% RQD=36%
			_									R11	14.75 CR=76% RQD=63%
		15	5.50m		•								15.50 BH-31/Sheet

Job No : 3576I		Created	by:	Chan	drani	Crea	ited	on:	13/01/2016	Sheet No:
BORE LOG D	ATA		T			1		BH-3	' ''	rdinates E=<->693.00 N=<->483.00
Field Test	Nos	Samı	ples		IVOS I			nent Date on Date		1/15 1/15
Penetrometer (SPT)	5	Undisturbe	d (UI	DS)	7	•		Diameter		mm. / N.X.
Cone (Pc)		Penetrome	·	SPT)	5	Level	Of	Ground	: 139.	178 m.
Vane (V)		Disturbed		(1110)				uck At		
		Water Sam	nple ((WS)	1		ig Wo VALU	iter Level		m. SAMPLES
DESC	RIPTION	٧		SYMBC	EAC			<u>∟</u> = 15cm.		Depth (m)
		15.	.50m.						R12 R13	CR=68% RQD=64% 16.25 CR=73%
									R14	RQD=60%
					$\exists \mid$				R15	CR=64% RQD=40% ▼ 18.50
									R16	CR=56% RQD=49% V
					$\parallel \parallel$				R17	CR=64% RQD=61% ▼ 20.00
			ì					1 1		
									R18	CR=56% RQD=36% 20.7
Moderately to slighl yellow, fine grained,									R19	CR=56% 20.75 CR=60% RQD=32% 21.56
										CR=56% 20.75 20.75 CR=60% 21.56 CR=62% RQD=51% 22.25 22.25 CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62% CR=62%
									R19	CR=56% RQD=36% 20.75 CR=60% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56%
									R19 R20	CR=56% 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75 20.75
									R19 R20 R21	CR=56% 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73 20.73
									R19 R20 R21 R22	CR=56% RQD=36% 20.75 CR=60% 21.50 CR=62% 22.25 CR=60% 22.25 CR=60% 23.00 CR=50% 23.75 CR=56% 23.75 CR=56% 24.50 CR=50% 24.50 CR=50% 25.25
									R19 R20 R21 R22 R23	CR=56% RQD=36% 20.75 CR=60% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56% 23.00 CR=50% RQD=48% 23.75 CR=56% RQD=36% 24.50 CR=50% RQD=36% 25.25 CR=55% RQD=35% 26.00
		y fractured r							R19 R20 R21 R22 R23 R24 R25 R26	CR=56% RQD=36% 20.75 CR=60% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56% 23.00 CR=50% RQD=48% 23.75 CR=56% RQD=36% 24.50 CR=50% RQD=36% 25.25 CR=55% RQD=35% 26.00 CR=56% RQD=28% 26.75
		y fractured r	rock.						R19 R20 R21 R22 R23 R24 R25 R26 R27	CR=56% RQD=36% 20.75 CR=60% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56% 23.00 CR=50% RQD=48% 23.75 CR=56% RQD=36% 24.50 CR=50% RQD=36% 25.25 CR=55% RQD=36% 25.25 CR=55% RQD=35% 26.00 CR=56% RQD=28% 27.50
Moderately to s	slightly	y fractured r	rock.						R19 R20 R21 R22 R23 R24 R25 R26 R27 R28	CR=56% RQD=36%
yellow, fine grained,	slightly	y fractured r	rock.						R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	CR=56% RQD=36% RQD=32% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56% 23.00 CR=50% RQD=48% 23.75 CR=56% RQD=36% RQD=36% RQD=36% RQD=36% RQD=35% CR=56% RQD=35% RQD=28% RQD=28% RQD=28% RQD=28% RQD=20% RQD=20% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28%
Moderately to s	slightly	y fractured r	rock.						R19 R20 R21 R22 R23 R24 R25 R26 R27 R28	CR=56% RQD=36% RQD=36% 20.75 CR=60% RQD=32% 21.50 CR=62% RQD=51% 22.25 CR=60% RQD=56% 23.00 CR=50% RQD=48% 23.75 CR=56% RQD=36% 24.50 CR=50% RQD=36% 25.25 CR=55% RQD=35% CR=64% RQD=28% RQD=28% RQD=28% RQD=28% RQD=20% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28%

ob No : 3576I			T									•		Sheet No	
BORE LOG DA	ATA	SHEET	BC	RE	H	0L				IBI					-}697.0(-}338.0
Field Test	Nos	Sar	nples		N	os				cemer				1/15	
Penetrometer (SPT)	8	Undisturb	ed (U	DS)		3				tion le Dia				1/15 mm. / N.>	(
Cone (Pc)		Penetrom	neter (SPT))	8				of Gr				906 m.	``
		Disturbed	(DS)			8	W	ate	r S	Strud	ck A	۹t :			
/ane (V)		Water Sa	mple	(WS))	0	St	andi	ing	Wate	r Lev	/el :			
DESCF	RIPTION	١		SYM	1BOL	<u> </u>				LUE				SAMPLES	\
			0.00m			EA	CH	וט	VN.	. =	15cr	n. F	Ref. No	Depth (m)
Medium dense, brow with traces of kanko										<u>12</u>			DS-1	0.50	
			1.60m			3	5	7					SPT-1 DS-2	1.00-1. 1.60	45
										10			UDS-1 DS-3	2.00-2. 2.60	45
Medium dense, br sand.	owni	sh grey,	silty			2	4	6	-	10			SPT-2 DS-4	3.00-3. 3.60	45
										1 4			JDS-2 DS-5	4.00-4. 4.60	45
			5.50m			6	6	8	-	14			SPT-3 DS-6	5.00-5. 5.60	45
/ery dense, reddis	h gre	ey, silty s	sand.						-	76		*	UDS-3 DS-7	6.00-6. 6.60	45
						16	32	44	_				SPT-4	7.00-7.	45
			7.65m						>	100			DS-8	7.65	
ery dense, reddis		ey, silty	sand			49	100	5.0	ch	n Pe <u>usal</u>	ntn.		SPT-5	8.00-8.	20
			9.00m			100		3.Q	ch	n Pe	htn.	*	SPT-6	9.00-9.03 CR=16%	9.
						100				<u>usal</u>		4	R1	RQD=NIL	_ ^
Completely to high prownish yellow, fine						100				n Pe	htn	1	SPT-7 R2	9.75-9.78 CR=20%	9. _
ractured rock. Obs.			o u ,		/	100				usal . Da		*	SPT-8	RQD=NIL 10.50-10.5	2 10.
								∠.∪	ch	n Pe	ntni.		R3	CR=21% RQD=NIL	ļ
Highly weathered, li		rownish y				NX		1	- 1	illing 30.0		n	R4	CR=27% RQD=NIL	11.
ine to medium ock. Obs. clay bind		eu, iract	.urea	\sqcup	<u> </u>								R5	CR=38%	12.
•		1	2.75m										R6	RQD=NIL CR=32% RQD=NIL	12.
Highly weathered, li					<u> </u> 	_							R7	CR=31% RQD=NIL	13.
ine to medium grai ock.	nea,	ingniy trac	curea		_ <u> </u> _ 								R8	CR=36% RQD=NIL	14.
				Ш		1				1	1	- 1		CR=32%	15.0

Project : Geotech.	Inv. w	ork for Proj	p. 1	x 600MV	V ST	'PP a	t Sin	garer	ni, Adil	abad, Tele	ngana. CETES 1	Ī
Job No : 3576I	4 FD 4		T							13/01/2016)
BORE LOG DA	ATA	SHEET	BC	ORE I	101						rdinates E=(-)697.000 N=(-)338.000	
Field Test	Nos	Sam	ples		Nos				nt Date Date		1/15 1/15	
Penetrometer (SPT)	8	Undisturbe	ed (L	IDS)	3	1	•		ameter.		mm. / N.X.	
Cone (Pc)		Penetrome			8				round		906 m.	
Vane (V)		Disturbed			8				ck At			
varie (v)		Water San	npie	(WS)	0	500	inaing N-VA		er Leve		m. SAMPLES	+
DESCF	RIPTION	V		SYMBO	E	ACH				Ref. No	Depth (m)	
Highly weathered, l yellow, fine to medium fractured rock.		brownish 15	.50m .75m							R10	15.75 CR=34% RQD=NIL 16.50	
										R11	CR=43% RQD=20% 17.25 CR=40%	
					4					R12 R13	RQD=20%	
					1					R14	RQD=NIL	
Highly to moderately yellow, medium thighly to moderate	to co	arse grair	ned,							R15	19.50 CR=42% RQD=28% V 20.25	
ritghty to moderat	ету г	racturea r	ock.							R16	CR=40% RQD=NIL	
										R17	CR=38% RQD=16% ▼ 21.75	
					_					R18	CR=40% RQD=20% V 22.50 CR=37%	
		23	.25m							R19 R20	RQD=34% V 23.25 CR=56%	
										R21	RQD=47% ↓ 24.00 CR=54% ↓	
										R22	RQD=32%	
										R23	25.50 CR=55% RQD=16% ▼	
Moderately weather medium to coarse moderately fractured	grai	ned, highly								R24	26.25 CR=50% RQD=40% 27.00	
,								R25	CR=48% RQD=13% ▼ 27.75			
										R26	CR=56% RQD=17% ▼ 28.50	
										R27	CR=60% RQD=56% V 29.25 CR=52%	
		30	.00m							R28	RQD=44% V 30.00	
N.B. — '*' means be recovered.	sam	ple could	not									
											BH-32/Sheet-	2

	Project : Geotech.	Inv. w	ork for Pi	rop. 1	x 600M	₩ S	STP	P	at :	Sin	gaı	eni,	, Adi	labad, Tele	ngana. CET	EST
	Job No : 3576I	4 CD 4												08/12/2015		
-	BORE LOG DA	ATA	SHEET	BC	RE	H) L.								rdinates E=(- N=(-	->328.000
	Field Test	Nos	Sa	mples		No	s						: Date Date		11/15 11/15	
	Penetrometer (SPT)	6	Undistur	bed (U	DS)	3	3						metei		mm. / N.X	΄ .
	Cone (Pc)		Penetror		(SPT)	6							bund		423 m.	
	Vane (V)		Disturbe		(WC)	8 0							k At			
-			Water S	атріе				<u>ا</u>		ing -V/			Leve		SAMPLES	
	DESCF	RIPTION	V		SYMB	OL	ΕA	СН					5cm.	Ref. No	Depth (m)
				0.00m		7										
														DS-1	0.50	
		1	• 1			<u>\</u>	7	5	10		<u>15</u>			SPT-1	1.00-1.4	15
	Stiff, blackish grey silty clay with sand			grey,				J						DS-2	1.75	73
														UDS-1	2.00-2.4	15
				0.75												43
				- 2.75m			,	1	2		<u>3</u>			DS-3 SPT-2	2.75	4 E
								ı	_						3.00-3.	43
														DS-4	3.75	4.5
														*UDS-2	4.00-4.	45
	Very loose, brownis	h vell	ow silty	sand				4			<u>3</u>			DS-5	4.75	4.5
→	,	, 500	o, o	344.			2	ı	2					SPT-3	5.00-5.	45 ←
														DS-6	5.75	, [
														*UDS-3	6.00-6.	45
								_			<u>17</u>			DS-7	6.75	
							8	/	10		10			SPT-4	7.00-7.	45
-	Very dense, brownis	sh yell	low, silty	- 7.75m			26	100	3.0	2	<u>10</u>	<u>∪</u> Pen	+ -	DS-8 SPT-5	7.75 8.00-8.	
	sand with decomp			8.25m			100			Kq	<u>fus</u>	al		*SPT-6 R1	8.25-8.32 CR=25%	8.25
-									7.0	C	TI	Peh	tri.	KI	RQD=NIL	9.00
							N	, _,	tar	, ,	leilli	na	from	R2	CR=36% RQD=NIL	
							''']		1			0.0p		D7	CR=39%	9.75
														R3	RQD=NIL	10.50
	Highly weathered					╫								R4	CR=40% RQD=13%	↓
	medium to fine gradrock.	inea,	nigniy ira	ictured		Щ								DE	CR=40%	11.25
														R5	RQD=16%	12.00
														R6	CR=36% RQD=NIL	↓
						4										12.75
				13.50m		Ш								R7	RQD=NIL	3.50
						╫								R8	CR=48% RQD=28%	
	Moderately weathe yellow, fine grained,					Щ								50		14.25
	rock.	,,,,,,,	. G. Covy 11 C	. J. Car Ca										R9	RQD=16%	15.00
				15.50m		\exists								R10	CR=50% RQD=45%	
L				. 0.00111	1	1								<u> </u>	ļ	S/Sheet-1

	Project : Geotech.	Inv w	ork for Prop	1 1	x 600M	₩ STE	р a	t Sin	øaren	i Adil	ahad Teler	ngana CETEST	1
	Job No : 3576I	*********	Created								08/12/2015	Sheet No:	
	BORE LOG D	ATA	SHEET	BC	RE	HOL						rdinates	
	Field Test	Nos	Samı	ples		Nos				nt Date Date		1/15 1/15	
	Penetrometer (SPT)	6	Undisturbe			3	1			ameter		mm. / N.X.	
	Cone (Pc)		Penetrome		(SPT)	6	1			round		123 m.	
	Vane (V)		Disturbed		(MC)	8				ck At			
ŀ	varie (v)		Water Sam	ріе	(WS)	0	510	naing N-VA		r Level		n. SAMPLES	1
	DESCI	RIPTION	V		SYMB	OL EA	ACH			15cm.	Ref. No	Depth (m)	
ŀ			15	.50m	7							·	
											R11	15.75 CR=56% RQD=36% 16.50	
											R12	CR=48% RQD=32% 17.25	
											R13	CR=41% RQD=13% 18.00	
											R14	CR=40% RQD=NIL 18.75	
											R15	CR=42% RQD=16% V 19.50 CR=40%	
											R16	RQD=16% V 20.25 CR=55%	
→											R17 R18	RQD=53%	+
											R19	RQD=50% ↓ 21.75 CR=48%	
	Moderately weather yellow, fine grained,					<u> </u>					R20	RQD=20% 22.50 CR=44% RQD=16%	
	rock.										R21	23.25 CR=41% RQD=NIL	
											R22	24.00 CR=52% RQD=36%	
											R23	24.75 CR=44% RQD=32%	
											R24	25.50 CR=41% RQD=23% 26.25	
											R25	CR=43% RQD=31% 27.00	
											R26	CR=40% RQD=38% 27.75	
											R27	CR=41% RQD=46% 28.50	
											R28	CR=48% RQD=46% V 29.25	
			30	.00m							R29	CR=45% RQD=42% 30.00	
	N.B. — '*' means be recovered.	sam	ple could	not									
Ĺ					Dago	1			1			BH-33/Sheet-2	2

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.												
Job No : 3576I	<u> л П л</u>									$\frac{23/11/2015}{4}$		
BORE LOG D	AIA)RL					H-3ent Date		rdinates E=(-)457.000 N=(-)335.000 1/15	
Field Test	Nos	San	nples		Nos	3 -			ni Dale n Date		1/15	
Penetrometer (SPT)	7	Undisturb			3	- 1			iameter		mm. / N.X.	
Cone (Pc)		Penetrom			7				Ground		631 m.	
Vane (V)		Disturbed Water Sa			9				ick At		~~	
· ·			пріе			3		g wate /ALUE	er Level		SAMPLES	
DESC	RIPTIOI	N		SYME		EACH			15cm.		Depth (m)	
		1	0.00m		7							
										DS-1	0.50	
Soft, brownish	vello	w. siltv	clav			1 1	2	3		SPT-1	1.00-1.45	
with sand mixtur						' '					1.70	
nodules.										DS-2		
			o ==							UDS-1	2.00-2.45	
			2.75m					5		DS-3	2.75	
Medium, yellowish	n brov	wn, silty	clay.			2 2	3			SPT-2	3.00-3.45	
Obs. kankars.										DS-4	3.75	
			4.45m							UDS-2	4.00-4.45	
Medium, brownis								<u> </u>		DS-5	4.70	
with sand mixture.	edium, brownish grey, silty th sand mixture.					3 3	4			SPT-3	5.00-5.45	
		 .	5.70m							DS-6	5.70	
										*UDS-3	6.00-6.45	
Very dense, yell	owish	brown	eiltv					100		DS-7	6.75	
sand.	OW (311	DIOWII,	Sircy		3	4100	8.0	cm F	Pentn.	SPT-4	7.00-7.23	
								>100		DS-8	7.60	
					4	4100	5.0	cm f	Pentn.	SPT-5	8.00-8.20	
Hard, brownish	yello	w, silty	8.50m clay			00	.	100		DS-9 SPT-6	8.50 9.00-9.13	
with sand mixture.			9.25m		\ \	00		icm efusa	Pentn.	*SPT-7	9.25-9.31 9.25	
							6.0		⁵ enth.	R1	CR=28% RQD=NIL V	
					┦,	JX r	tarv	drilling	gfrom	R2	10.00 CR=26%	
							l ľ	30.0	·	KZ	RQD=NIL	
					 					R3	CR=30% RQD=NIL ▼	
					Щ					5.4	11.50 CR=28%	
	Highly weathered, brownish yell									R4	RQD=20%	
Highly weathered					\dashv					R5	CR=30% RQD=NIL V	
medium to coarse grock.										13.00		
I OCK.	oon.									R6	CR=28% RQD=26%	
										R7	13.75 CR=26% CR=26%	
											RQD=NIL 14.50	
										R8	CR=28% RQD=NIL	
		1	5.50m								15.25	
					1						BH-34/Sheet-	

	Project : Geotech.	Inv. w	ork for Prop	o. 1	x 600N	↓ AW S	TPP	at Si	nga	reni,	Adil	abad, Tele	ngana. C	TEST
	Job No : 3576I	4 CD 4	Created									23/11/2015	Т_	No: (-)457.000
	BORE LOG DA	ATA	SHEET	BO	ORE	НО							I dillaces N=	<u>⟨−⟩335.000</u>
	Field Test	Nos	Sam	ples		No	S				Date Date		1/15 1/15	
	Penetrometer (SPT)	7	Undisturbe	d (L	JDS)	3					meter		mm. / N	.x.
	Cone (Pc)		Penetrome			7					bund		631 m.	
	Vane (V)		Disturbed Water Sam			9					k At			
				ibie			31	N-,			Level		SAMPLES	
	DESCF	RIPTION	N		SYME		EACH				5cm.		Depth	(m)
			15	.50m		_						R9	CR=25% RQD=NIL	}
					H								CR=30%	16,00
												R10	RQD=NíL	16.75
												R11	CR=28% RQD=NIL	
	Highly weathered, medium to coarse gr					Щ							CR=26%	17.50
	rock.	,	3)									R12	ŘQD=NÍL	18.25
												R13	CR=27% RQD=NIL	
						11								19:00
			10	.75m								R14	CR=28% RQD=265	% 19.75
			19	. / ЈП								R15	CR=32% RQD=249	
						Щ								°20,50
→												R16	CR=30% RQD=NIL	
												R17	CR=36% RQD=NIL	21.25
			والمنا لممسموا	ما ما ئىد										22.00
	Highly to moderately brown, fine grained,											R18	CR=30% RQD=NIL	
	fractured rock.											R19	CR=28% RQD=249	22.75
						Щ								[°] 23,50
												R20	CR=36% RQD=23	
												R21	CR=48%	24:25
						11							RQD=149	25,00
			0.5	- -								R22	CR=50% RQD=135	
		1		.75m								R23	CR=60%	25:75
	Moderately weathers fine grained, highly to											25	RQD=449	26.50
	rock.			0.5		-						R24	CR=58% RQD=369	
İ			 2/	.25m		\dashv						R25	CR=60%	27:25
												N20	RQD=NIL	28.00
	Moderately to sligh greyish yellow, med	itly w	eathered, l	ight								R26	CR=57% RQD=NIL	
	fractured rock.	avaiii '	granica, ili	91149		$\perp \downarrow$						R27	CR=58% RQD=NIL	28.75
						\dashv							RQD=NIL CR=60%	29.50
			30	.00m								R28	RQD=NIL	30.00
	N.B. — '*' means	sam	ple could	not										
	be recovered.		•											
L					-1	1					ı	I	BH-3	34/Sheet-2

Project : Geotech.	Inv. w	ork for Proj	o. 1 x	x 600N	₩ S	TPF	at	Sin	gare	ni. Ad	ilabad. Tele	engana. C =	T=ST
Job No : 3576I		_	•								16/11/2015	Sheet N	o:
BORE LOG DA	ATA	SHEET	BC	RE	HO					H-3		N=	(-)173.000 (-)340.000
Field Test	Nos	Sam	ples		No	S				ent Dat n Date		10/15 11/15	
Penetrometer (SPT)	6	Undisturbe	ed (U	DS)	2					iamete		mm. / N.	x.
Cone (Pc)		Penetrome		(SPT)	6					Ground		.761 m.	
Vane (V)		Disturbed Water San		(WS)	5 0					ıck A er Leve		m	
	L		трис		Ť				ALUE		7.1	SAMPLES	
DESCF	RIPTIO			SYMB	SOL	EAC	ΗС	NVI	. =	15cm	Ref. No	Depth	(m)
		0	.00m	177									
									10		DS-1	0.50)
Stiff, greyish b						3 3	3 7		10		SPT-1	1.00-1	
with sand & cal	care	ous nodu	les.								DS-2	1.50)
											UDS-1	2.00-2	.45
		7	00						13		DS-3	2.75	
		3	.00m			6	5 7	1 1-	10		SPT-2	3.00-3	5.45
Stiff, yellowish bro	own,	silty clay	with								DS-4	3.60)
kankar.											UDS-2	4.00-4	.45
Very dense, brow	nich	4	.75m						<u> 100</u>		DS-5	4.75	
sand with grey p		és.	.50m			3210	9	.b_ d	<u>ğ</u> m	Penth.	SPT-3	5.00-5	
			.50111			00	7		fusa cm	↓ Pentn.	SPT-4	5.50-5.57 CR=37% ROD=NIL	7 5.50 ↓
												CR=39%	6.25
Highly weathered											R2	RQD=NIL	7.00
medium grained, hi	ghly	fractured r	ock.		\perp	- 1		r 1		g from 00m	R3	CR=34% ROD=NIL	
												CR=33%	7.75
		8	.50m								R4	RQD=NIL	8.50
		J			1						R5	CR=38% RQD=NIL	
					Щ						D.	CR=34%	9.25
											R6	RQD=19%	10.00
Highly weathered,	vol	lowish bro	NWD.								R7	CR=30% RQD=NIL	↓
medium grained, hi					Щ						ne	CR=40%	10.75
											R8	RQD=NIL	11,50
					1						R9	CR=35% RQD=NIL	
					\dashv						R10	CR=36%	12.25
		13	.00m		+						KIU	RQD=NIL	13.00
Completely weather								Re	fusa	<u>ı</u>	R11	CR=NIL RQD=NIL	
disintegrated rock as sludge.	parti	icles colled	cted		ᆘ	00	8		cm	 Pentn.	*SPT-5	13.75-13. CR=NIL	83 13.75
	= - ¹	14	.50m			00		Re	fusa	<u>ı</u>	*SPT-6	RQD=NIL 14.50-14.	59 14.50
Highly to moderately grey, medium grain							9	. O	cm	Penth.	R13	CR=36% RQD=NIL	
rock.		15	.50m										15.25
				Dage	1	/ 2 6	^					BH-	35/Sheet-1

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	Project : Geotech.	Inv. w	ork for Proj	o. 1 :	x 600M	₩ S	STPP	at	Sing	gare	ni, A	dilab	ad, Tele	ngana. CETES	T
	Job No : 3576I		Created	T				-				•		E_/ \173.00	00
	BORE LOG DA	ATA	SHEET	BO	DRE	HC								ordinates E=(-)173.00 N=(-)340.00	00
	Field Test	Nos	Sam	ples		No	S					ate:		10/15 11/15	
	Penetrometer (SPT)	6	Undisturbe	ed (L	JDS)	2	- 1		•			te : ter :		mm. / N.X.	
	Cone (Pc)		Penetrome	eter	(SPT)	6						nd :		761 m.	
			Disturbed			5	٠ '	Wat	er :	Stru	ıck	At :			
	Vane (V)		Water San	nple	(WS)	_ 0	:					vel:			
	DESCF	RIPTIO	N		SYMB	BOL	E A C			LUE		m	Ref. No	SAMPLES Depth (m)	
			15	.50m			TAC	,n L		·		111.	R14	CR=28% >	
													K14	RQD=NIL 16.0	00
													R15	CR=56% RQD=NIL ▼	
	Highly to moderately grey, medium grain					Щ								16.7	75
	rock.	ica, ii	igniy macc	arca									R16	CR=54% RQD=NIL	
						щ							R17	17.5 CR=41%	0
			18	.25m	<u> </u>								1.17	RQD=20% 18.2	25
													R18	CR=43% RQD=14% ▼	
						┯Ц								19.0 CR=60%	00
	Moderately weather	red, y	ellowish c	ırey,									R19	RQD=56% 19.7	75
	medium grained, hi	ighly	fractured r	ock.	П								R20	CR=40% RQD=NIL V	
						Щ								20.5	50
→													R21	CR=52% RQD=28%	_
			20	.50m									R22	21.2 CR=60%	25 `
													NZZ	RQD=40% v	00
													R23	CR=54% RQD=52% ▼	
														22.7 CR=43%	75
													R24	RQD=16% v	
													R25	CR=52%	0
														RQD=26% 24.2	25
	Madagahali		والمالية										R26	CR=54% RQD=33% ▼	
	Moderately weathers medium to fine	grain	ed, highly										D07	25.0 CR=56%	00
	moderately fractured	rock.											R27	RQD=40% v 25.7	75
													R28	CR=58% RQD=20% V	
														26.5	50
										R29	CR=54% RQD=26%	,_			
										R30	27.2 CR=58%	25			
													1100	RQD=56% v 28.0	00
													R31	CR=42% RQD=21% ▼	
	Madagatal	ـ ــ		.75m	\vdash	\pm							D=-	28.7 CR=44%	75
	Moderately weathers medium to fine					\dashv							R32	RQD=NIL	50
	moderatley fractured					=H							R33	CR=42% 29.3 RQD=NIL 30.0	
			30	.00m	'									30.0	
						<u></u>								BH-35/Sheet	
						U								DIL-22/ Stieet	

BORE LOG DATA SHEET BORE HOLE NO. IBH—38 Cocratinates C1287 Field Test Nos Samples Nos Commencement Date 04/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 07/11/15 Completion Date 150 mm. / N.X. Level Of Ground 139,595 m. Disturbed (OS) B Woter Struck At Slanding Water Level 1,1 m. N-VALUE SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SA	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.											
Field Test Nos Samples Nos Commencement Date 04/11/15	Job No : 3576I		Create	d by:	Char	ıdraı	ni	Crea	ted or	n : 2	23/11/20	
Completion Date 0.77 1 15	BORE LOG D.	ATA	SHEET	BC	RE	HOI	LΕ	NO.	IBH	-38	3 Co-	-ordinates
Penetrometer (SPT) 5	Field Test	Nos	Sc	mples		Nos						
Description Penetrometer (SPT) Solution 139.595 m.	Penetrometer (SPT)	5	Undistu	rbed (l	JDS)	1						
Disturbed (DS) Water Struck At : Standing Water Level : 1.1 m.			Penetro	meter ((SPT)	5	1					
DESCRIPTION SYMBO O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.00m O.0			Disturbe	ed (DS)		8	W	ater	Struc	k At	:	
DESCRIPTION SYMBOL EACH DIVN. = 15cm. Ref. No Depth (m)	Vane (V)		Water S	ample	(WS)	0	Sto		,	Level	: 1.	
Across	DESCI	RIPTIOI	V		SYMB		4.011			_	D ()	1
/ery dense, brownish yellow, silty and. 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.75m 1.				0.00m		E	ACH	ועוט	N. = 1	5cm.	Ret. N	lo Depth (m)
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5.75m	dia. Obs. Tittea.					100		9.0	cm Pe	ntn.		
RQD=NIL 6.5 CR=31% RQD=15% 7.2 CR=27% RQD=NIL 8.0 R4 RQD=NIL 8.7 RQD=NIL 8.7 RQD=NIL 8.7 RQD=NIL 8.7 RQD=NIL 8.7 RQD=NIL 8.7 RQD=NIL 9.5 R6 RQD=NIL 9.5 R6 RQD=NIL 9.5 R6 RQD=NIL 10.2 CR=34% RQD=NIL 10.2 CR=34% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=NIL 12.5 R10 R2 RQD=NIL 12.5 R10 R2 RQD=NIL 13.2 R11 R13 R11 R13 R11 R13 R13 R11 R13 R13				- 5.75m		100			1 1 1			
R2 CR=31% RQD=15% 7.2 CR=27% RQD=NIL 8.0 R4 RQD=NIL 9.5 R6 RQD=NIL 9.5 R6 RQD=NIL 9.5 R6 RQD=NIL 10.2 CR=34% RQD=NIL 11.0 R8 RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=NIL 11.0 R8 RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% R1.0 R8 RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% R1.0 R8 RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% R1.0 R8 RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% RQD=26% R						\dashv		3.0	cm Pe	nth.	R1	CR=34% RQD=NIL
NX rotdry drilling from R3 CR=27% RQD=NiL 8.0 R4 CR=29% RQD=NiL 8.0 R5 CR=21% RQD=NiL 8.0 R6 RQD=NiL 8.0 R7 RQD=NiL 9.5 R6 RQD=NiL 1.0 R7 RQD=NiL 1.0 R8 RQD=NiL 1.0 R8 RQD=NiL 1.0 R8 RQD=NiL 1.0 R8 RQD=NiL 1.0 R8 RQD=NiL 1.0 R9 RQD=NiL 1.0 R9 RQD=NiL 1.0 R10 RQD=NiL 1.0 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10 R10						Н					R2	
R4 CR=29% R5 R5 R6D=NiL 8.7 R5 R6D=NiL 10.2 R7 R6D=NiL 11.0 R7 R7 R7 R7 R7 R7 R7 R						<u> </u>					R3	CR=27% RQD=NIL
R5 CR=31% RQD=NIL 9.5 R6 CR=28% RQD=NIL 10.2 CR=35% RQD=NIL 11.7 R9 CR=37% RQD=NIL 12.5 R10 CR=28% RQD=NIL 12.5 R12 CR=35% RQD=NIL 13.2 R11 CR=35% RQD=NIL 14.7 R13 CR=35% RQD=28% R13 CR=35% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=28% R14.7 R13 CR=37% RQD=28% R20 R20 R20 R20 R20 R20 R20 R20 R20 R20											R4	CR=29% RQD=NIL
R6 CR=28% RQD=NIL 10.2 CR=35% RQD=NIL 11.0 R8 CR=35% RQD=NIL 12.5 R10 CR=35% RQD=NIL 13.2 R11 CR=28% RQD=NIL 14.0 R12 CR=35% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=NIL 14.7 R13 CR=37% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% RQD=28% R											R5	CR=31% RQD=NIL 9.5
R7 R8 R8 R8 R9 R7 R0D=NIL R7 R9 R7 R0D=NIL R8 R9 R9 R10 R11 R2.5 R12 R2.5 R0D=NIL R12.5 R12 R0D=NIL R13 R0D=NIL R14.7 R13 R0D=28% R15 R15 R16 R17 R18 R18 R18 R18 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19 R19	Hiahlv weathered	, bro	wnish v	ellow							R6	CR=28% RQD=NIL 10.2
RO RQD=26% 11.7 R9 CR=37% RQD=NIL 12.5 R10 CR=32% RQD=NIL 13.2 R11 CR=28% RQD=NIL 14.0 R12 CR=35% RQD=NIL 14.7 R13 CR=37% RQD=28%											R7	RQD=NIL V
R10 RQD=NIL 12.5 R10 CR=32% RQD=NIL 13.2 R11 CR=28% RQD=NIL 14.0 R12 CR=35% RQD=NIL 14.7 R13 CR=37% RQD=28%		CK.									R8	RQD=26% ♦ 11.7
R10 RQD=NIL 13.2 R11 CR=28% RQD=NIL 14.0 R12 CR=35% RQD=NIL 14.7 R13 CR=37% RQD=28%											R9	RQD=NIL ↓ 12.5
14.0 R12 RQD=NIL 14.0 CR=35% RQD=NIL 14.7 RQD=NIL 14.7 RQD=NIL 14.7												RQD=NIL ♦ 13.2
												RQD=NIL † 14.0
												RQD=NIL
				15.50m							R13	RQD=28% V 15.5

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Project : Geotech.	Inv. w	ork for Proj	p. 1	x 600N	₩ MW ST	PP a	t Singa	reni, Adil	labad, Tele	ngana. CETEST
Job No : 3576I		Created	by:	Cha	ndrai	ni (Create	d on :	23/11/2015	Sheet No:
BORE LOG DA	ATA	SHEET	BO	DRE	HOI			IBH-3		rdinates E=(-)287.000 N=(-)188.000
Field Test	Nos	Sam	ples		Nos	1		ement Date		1/15 1/15
Penetrometer (SPT)	5	Undisturbe		•	1	Во	re Hole	Diamete	r: 150	mm. / N.X.
Cone (Pc)		Penetrome Disturbed			5 8	1		Ground truck At		595 m.
Vane (V)		Water San			0			Vater Leve		m.
DESCR	RIPTION	\ \		SYME	BOL -		N-VAL		1	SAMPLES
		15	.50m			ACH 	DIVN.	= 15cm.	Ref. No	Depth (m)
									R14	CR=38%
Highly weathered, medium to fine gra									R15	CR=40% RQD=32% V
rock.	incu,	mgmy mac	, cur u						R16	CR=36% RQD=32% 17.75
		18	.50m						R17	CR=38% RQD=NIL 18.50
Highly weathered, bl		n grey, med							R18	CR=36% RQD=NIL 19.25
grained, highly fract		20	.00m						R19	CR=28% RQD=NIL v
Highly weathered, medium grianed, hi		wnish yel fractured r	low,						R20	CR=36% RQD=NIL 20.75
Completely weather disintegrated rock		decompose	d &						R21 DS-7	CR=NIL RQD=NIL 21.50
as sludge.	parci								R22	CR=NIL RQD=NIL ▼
		22	.25m						DS-8 R23	22.25 CR=44% RQD=22%
									R24	23.00 CR=36% RQD=21%
									R25	23.75 CR=38% RQD=36%
Highly to moderately									R26	24.50 CR=35% RQD=27%
yellow, medium to fractured rock.	fine	grained, hi	ghly						R27	25.25 CR=43% RQD=27%
									R28	CR=43% RQD=27%
									R29	26:75 CR=36% RQD=NIL
		_	0.7						R30	27.50 CR=42% RQD=27%
	1		.25m						R31	CR=45% RQD=27%
Moderately weather grained, highly fract			Tine						R32	29:00 CR=44% RQD=29%
		30	.00m							30.00
N.B. — '*' means be recovered.	sam	ple could	not							
				Dago	1					BH-38/Sheet-2

Project : Geotech.	Inv. w	ork for P	rop. 1	k 600M	V ST	PP a	t Siı	ngar	eni, A	Adila	abad, Tele	ngana. C	TES	ī
Job No : 3576I	A (TD A	-1									6/11/2015			<u></u>
BORE LOG DA	ATA	SHEET	BC	RE I	101	_						rdinates N=	= (-)239.00	<u>ŏ</u>
Field Test	Nos	Sc	mples		Nos				nent [on Do			10/15 11/15		
Penetrometer (SPT)	4	Undistu	rbed (U	DS)	1		•		Diame			mm. / N	I.X.	
Cone (Pc)		Penetro		(SPT)	4				Grou			987 m.		
Vane (V)		Disturbe		(MC)	4				ruck					
		Water S	ampie		0	510	nain∙ N-V		ater Le JF	evei		m SAMPLES		
DESC	RIPTION	١		SYMBO)L E	ACH				m.	Ref. No	Depth	(m)	
			0.00m	17.17.7										
											DS-1	0.5	0	
					7	9 1	0	<u>19</u>			SPT-1	1.00	1 15	
Very stiff, brownis	h aro	v to vol	lowich			9						1.00-		
grey, silty clay with											DS-2	1.7		
											UDS-1 DS-3	2.00-2		
								<u>30</u>						
			- 3.60m		$\sum_{i=1}^{n} 9_i$	1111	9				SPT-2 DS-4	3.00-3		
Very dense, yell		h grey,			₇	11.00	2	10	0		SPT-3	4.00-		
sand. Obs. rock pie	ces.		- 4.50m			1005	.d c	m efus	Pehtn		*SPT-4	4.50-4.5		
									Pentn	.	R1	CR=22% RQD=NIL		
					4							CR=23%	5.25	
						 X rot	arv (drilli	ng fro	m	R2	RQD=NIL	6.00	
									00m		R3	CR=27% RQD=NIL		
					Н							CR=30%	6.75	
											R4	RQD=NIL	7.50	
											R5	CR=28%	1.50	
					4							RQD=NIL	8.25	
											R6	CR=25% RQD=NIL		
					Ī						R7	CR=28%	9.00	
Highly weathered	d ve	llowish	arev		Д						IV7	RQD=NIL	9.75	
coarse grained, frac			grey,								R8	CR=25% RQD=NIL		
					1						DO	CR=27%	10.50	
					_						R9	RQD=NIL	11.25	
											R10	CR=28% RQD=NIL		
					<u> </u>							CR=24%	12.00	
											R11	RQD=NIL	12.75	
					<u> </u>						R12	CR=26%	12.73	
					4							RQD=NIL	13.50	
											R13	CR=29% RQD=NIL	1 1 2 -	
											R14	CR=27%	14.25	
					귀							RQD=NIL	15 _: 00	
			15.50m		Щ						R14	CR=32% RQD=13%	<u> </u>	
				•	1		-	•				BH-	-39/Sheet-	_ -1

ſ	Project : Geotech.	Inv. w	ork for P	rop. 1 3	z 600M	₩ STE	PP a	t Sing	areni.	Adil	abad. Teler	ngana. CETEST
	Job No : 3576I	11177									6/11/2015	Sheet No:
	BORE LOG D	ATA	SHEET	BC	RE	HOL					-	rdinates E=132.000 N= (-)239.000
	Field Test	Nos	Sc	mples		Nos			ement tion			0/15 1/15
	Penetrometer (SPT)	4	Undistu			1	l		e Diar			mm. / N.X.
	Cone (Pc)		Penetro Disturbe		SPI)	4 4	l		of Gro Struct			987 m.
	Vane (V)		Water S		(WS)	0			Water			m.
•	DESC	-'i RIPTIOI	V	· ·	SYMB	OL —		N-VA				SAMPLES
				15.50m		_ EA	CH	DIVN.	= 1	5cm.	Ref. No	Depth (m) Ş
	Highly weathere		llowish			$\overline{}$					D4.0	15.75 CR=27%
	coarse grained, fra	ctured		16.50m	<u> </u>						R16	RQD=NIL ↓ 16.50
	Highly weathere	d. ve	llowish	arev.		Щ					R17	CR=33% RQD=NIL
	fine grained, fractu			9 7,							R18	17.25 CR=30% RQD=NIL
				18.00m		\exists						18.00 CR=32%
						<u> </u>					R19	RQD=NIL 18.75
						Щ					R20	CR=34% RQD=NIL ▼
											R21	19.50 CR=40%
												RQD=NIL
→											R22	RQD=NIL 21.00
											R23	CR=25% RQD=NIL
											R24	21.75 CR=27%
												RQD=NIL
											R25	CR=24% RQD=NIL ↓ 23.25
	Highly weathere	d, ye	llowish	grey,							R26	CR=28% RQD=NIL ▼
	coarse grained, f	ractur	ed rock	. Obs.							R27	24.00 CR=30%
											NZ7	RQD=NIL 4 24.75
											R28	CR=26% RQD=NIL ↓ 25.50
											R29	CR=28% RQD=NIL +
											R30	26.25 CR=36%
											KSU	RQD=12% 27.00
						<u> </u>					R31	CR=28% RQD=NIL ▼
						Щ					R32	27.75 CR=30% RQD=NIL •
											D 7 7	28.50 CR=27%
											R33	RQD=NIL 29.25
				70.00		\dashv					R34	CR=29% RQD=NIL
				30.00m		'						30:00
L						1						BH-39/Sheet-2

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilaba	nd Telengana CETEST
Job No: 3576I Created by: Chandrani Created on: 16/1	11/2015 Sheet No:
BORE LOG DATA SHEET BORE HOLE NO. IBH-40	Co-ordinates E=119.000 N=(-)226.000
Field Test Nos Samples Nos Commencement Date :	20/10/15
Penetrometer (SPT) 12 Undisturbed (UDS) 2 Bore Hole Diameter :	
Cone (Pc) Penetrometer (SPT) 12 Level Of Ground:	142.709 m.
Disturbed (DS) 4 Water Struck At :	7.5
N=VALUE	3.5 m. SAMPLES
DESCRIPTION SYMBOL EACH DIVN. = 15cm. Re	
0.00m	
	DS-1 0.50
Stiff, blackish grey, silty clay with 13 13 calcareous nodules.	SPT-1 1.00-1.45
2.00m	JDS-1 2.00-2.45
Dense, yellowish grey to brownish	
grey, silty sand.	SPT-2 3.00-3.45
3.50m	
	JDS-2 4.00-4.45
1	DS-2 4.80
	SPT-3 5.00-5.25
5.40m	SPT-4 5.40-5.45 5.40 CR=40% RQD=13%
Highly to moderately weathered, brownish	6.15
grey to greyish brown, medium to coarse	R2 CR=44% RQD=22% 6.90
gravita, mastarsa resixi sest. misar	R3 CR=26% RQD=NIL
7.65m	7.65
NX rotary drilling from	R4 CR=24% RQD=NIL 8.40
5.40m to 30.00m	R5 CR=25% RQD=NIL
	9.15 CR=28%
	R6 RQD=NIL 9.86
	R7 CR=29% RQD=NIL
Highly to moderately weathered, brownish	10.60
grey to greyish brown, medium to coarse	R8 CR-NIL RQD=NIL SPT-5 11.35-11.3811.35
grained, fractured rock. Obs. mica.	R9 CR=32%
	R10 CR=30%
	12,75
	R11 CR=26% RQD=NIL
	R12 CR=29%
	14.25
Highly weathered, brownish grey to 15 00%	R13 CR=33% RQD=NIL
greyish brown, medium to coarse 15.00m	R14 CR=21% RQD=NIL R14
grained, fractured rock. Obs. mica. 15.50m	BH-40/Sheet-1

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	Project : Geotech.	Inv w	ork for Pro	n 1 m	v 6001	₩ ST	קקי	at Si	กตอา	reni Adil	ahad Tele	ngana CETECT
	Job No : 3576I	1114. 11	Created								$\frac{16}{11/2015}$	
	BORE LOG DA	ATA	SHEET	BC	RE	HOI				BH-4		rdinates E=119.000 N=(-)226.000
	Field Test	Nos	Sam	ples		Nos				nent Date on Date		0/15 0/15
	Penetrometer (SPT)	12	Undisturbe			2	- 1			Diameter		mm. / N.X.
	Cone (Pc)		Penetrome		(SPT)	12				Ground		709 m.
	Vane (V)		Disturbed Water San		(WS)	0				ruck At ater Leve		m
	DECO		L	1010	SYME		1 0		VALL		1	SAMPLES
	DESCI	RIPTION				E	ACH	1 DIV	'N. :	= 15cm.	Ref. No	Depth (m)
	Highly weathered, brogreyish brown, medigrained, fractured rock.	um to	grey to 15 coarse	.50m .75m		10	0	 <u> </u>	Refus	sal	R15 *SPT-6	15.75 CR=NIL RQD=NIL 16.50-16.5516.50
						10			cm Refus	Pentn.	R16 SPT-7	CR=NIL RQD=NIL 17.25-17.3317.25
						10			cm <u>Refus</u>	Pentn. sal	R17 *SPT-8	CR=NIL RQD=NIL 18.00-18.0318.00
									cm Refus	Pentn.	R18	CR=NIL RQD=NIL
	Completely weathe	ered	hrownish (arev		<u> </u>	0	4.0		Pentn.	*SPT-9 R19	18.75-18.79 18.75 CR=26%
	to greyish brown sand stone fragment Obs. mica.	, med	dium grair	ned,							R20	RQD=16% 19.50 CR=32% RQD=NIL
	Obs. Inica.										D04	20.25 CR=NIL
						10	0		Refus	<u>sal</u>	R21 *SPT-10	RQD=NIL 21.00-21.0221.00
									cm efus	Pentn.	R22 DS-3	CR=NIL RQD=NIL
						10				Pentn.	R23 DS-4	21.75-21.78 21.75 CR=NIL RQD=NIL
			22	.50m		10	0		Refus cm	Pentn.	*SPT-12 R24	22.50-22.56 22.50 CR=30% RQD=16%
	Highly to moderately grey to greyish brow										R25	23.25 CR=40% RQD=NIL 24.00
	grained sandstone.										R26	CR=41% RQD=NIL 24.75
			25	.50m							R27	CR=44% RQD=NIL 25.50
			20	.00111							R28	CR=41% RQD=NIL + 26.25
											R29	CR=42% RQD=NIL 7
	Moderately weather to blackish grey,	ered,	brownish (grey							R30	CR=53% RQD=21% 27.75
	partly fractured rock		itum grati	ieu,							R31	CR=48% RQD=NIL ▼
											R32	28.50 CR=52% RQD=18% V 29.25
			30	.00m							R33	CR=50% RQD=33%
	N.B. — '*' means be recovered.	sam										
l						1						BH-40/Sheet-2

Project : Geotech.	Inv. w	ork for Pro	p. 1 2	x 600M	₩ S	STPP	at	Sin	garen	i, Adil	abad, Telei	ngana. CETES
Job No : 3576I									_			Sheet No:
BORE LOG DA	ATA	SHEET	\mid BC	RE	HC)LE	N	0.	IBI	I-4	1 Co-o	rdinates E=131.000 N=(-)167.00
Field Test	Nos	Sam	ples		No)S				it Date		0/15
Penetrometer (SPT)	11	Undisturbe	ed (U	DS)	2	s				Date		0/15 mm. / N.X.
	' '	Penetrome	eter ((SPT)	1	ا م				ound		695 m.
Cone (Pc)		Disturbed	(DS)		7	- 1				ck At		
Vane (V)		Water Sar	nple	(WS)	0) S				Level		
DESC	RIPTION	٧		SYMB	OL				ALUE			SAMPLES
).00m			EAC!	ט ו	IVN	. =	15cm.	Ref. No	Depth (m)
											DC 1	0.50
									16		DS-1	0.50
					`\	4 7	9		10		SPT-1	1.00-1.45
Very stiff, blackis	sh gre	ey, silty o	clay.									
					\\						UDS-1	2.00-2.45
					\\						000 1	2.00 2.10
		-				4 4 4 0			<u>43</u>			7.00. 7.45
			3.00m	11/1		11 19	124				SPT-2	3.00-3.45
											*UDS-2	4.00-4.10
Hard, blackish gr	ey, s	ilty clay.										
_									57		DS-2	4.60
		_				17 26	31				SPT-3	5.00-5.45
			5.50m									
									1.00		DS-3	6.00
Very dense, browni	sh gre	ey to yello	wish			26 29	77	2	100		SPT-4	6.50-6.95
grey, silty sand.								>	100		DS-4	7.40
						67 100					SPT-5	7.60-7.80
		8	3.00m	<u> </u>	1	100		Re	cm P <u>fusal</u>		*SPT-6	8.00-8.04 8.0
				\square	4		4.	.0	cm P	entn.	R1	CR=26% RQD=NIL ▼
											R2	8.7 CR=21%
											KΖ	RQD=10% ▼ 9.5
						NX r	otar	v d	rill i ng	from	R3	CR=29% RQD=10%
Completely to highly	v weat	hered brow	ınish					i i	30.00			10.2
grey, medium to d				H	닊						R4	CR=24% RQD=NIL
											R5	11.0 CR=26%
					\dashv						11.5	RQD=NIL ↓ 11.7
					Щ			 <u>R</u> e	<u>fusal</u>		R6	CR=NIL RQD=NIL
						100	,				*SPT-7	12.50-12.5412.5 CR=26%
			3.25m				4	.0	cm P	enun.	R7	RQD=NIL ▼
		— — 13	ı.∠JM								R8	13.2 CR=33%
					\exists						.,,	RQD=NIL †
Highly to moderately grey, medium to d					4						R9	CR=30% RQD=NIL
		g. zou 1										14.7 CR=42%
		15	5.50m								R10	RQD=20%
		 10	,	1			1					BH-41/Sheet

		Created									
BORE LOG DA	ATA	SHEET	BC	RE	HOI	E	NO.	IBH-	41		rdinates E=131.00 N=(-)167.00
Field Test	Nos	Samp	ples		Nos		nmence mplet				0/15 0/15
Penetrometer (SPT)	11	Undisturbe	d (U	DS)	2	1	e Hole				mm. / N.X.
Cone (Pc)		Penetrome ⁻	,	(SPT)	11	1	vel Of				695 m.
Vane (V)		Disturbed		()4(0)	7		ter S				
valle (v)		Water Sam	iple_	(WS)	0		nding \ N-VAL		evel 		<u>m.</u> SAMPLES
DESCR	RIPTION	1		SYMB	OLE		DIVN.		m.	Ref. No	Depth (m)
		15.	.50m							R11 R12	CR=37% RQD=NIL 16.2 CR=34% RQD=32%
										R13 R14	CR=38% RQD=13% 17.7 CR=22% RQD=NIL 1
										R15	18.5 CR=25% RQD=NIL 19.2
					4					R16	CR=22% RQD=NIL 20.0
				 	1					R17	CR=28% RQD=NIL ▼
grey to yellowish					[] 		Refu			R18 *SPT-8	CR=NIL RQD=NIL 21.50-21.55 21 .5
grey to yellowish							<u>Refu</u> 5.0 cn <u>Refu</u>	n Pent	h.	*SPT-8 DS-5	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL
grey to yellowish					100		5.0 cn	n Pent		*SPT-8 DS-5	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.0
grey to yellowish							5.0 cn	Pent		*SPT-8 DS-5 *SPT-9	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.0 CR=24% RQD=NIL
grey to yellowish							5.0 cn	Pent		*SPT-8 R19 D\$-5 *SPT-9 R20	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.0 CR=24% RQD=NIL 23.7 CR=28% RQD=NIL
Completely to highly grey to yellowish coarse graned rock.							5.0 cn	Pent		*SPT-8 R19 DS-5 *SPT-9 R20 R21	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.0 CR=24% RQD=NIL 23.7 CR=28% RQD=NIL 24.5 CR=34% RQD=NIL 4
grey to yellowish							5.0 cn	Pent		*SPT-8 R19 DS-5 *SPT-9 R20 R21 R22	RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.7 CR=24% RQD=NIL 24.5 CR=34% RQD=NIL 24.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% RQD=15%
grey to yellowish							5.0 cn	Pent		*SPT-8 R19 DS-5 *SPT-9 R20 R21 R22 R23	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL CR=24% RQD=NIL 23.7 CR=28% RQD=NIL 24.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% RQD=15% RQD=27%
grey to yellowish		n, medium	n to				5.0 cn	Pent		*SPT-8 R19 DS-5 *SPT-9 R20 R21 R22 R23 R24	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.7 CR=24% RQD=NIL 24.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% RQD=15% RQD=27% RQD=22% RQD=22%
grey to yellowish coarse graned rock. Completely to highly	browr weath	n, medium 27.	.50m				5.0 cn Refu 3.0 cn	sal Pent	tn.	*SPT-8 R19 SPT-9 R20 R21 R22 R23 R24 R25 R26 R27 DS-6 *SPT-10 R28	CR=NIL RQD=NIL 1.50-21.55 21.5 CR=NIL RQD=NIL 22.25-22.28 22.2 CR=28% RQD=NIL 23.7 CR=28% RQD=NIL 4.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% RQD=15% RQD=27% RQD=27% RQD=27% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=22% RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=NIL RQD=N
grey to yellowish coarse graned rock.	browr weath	n, medium 27.	.50m			0 1	5.0 cn Refu	sal n Pent	tn.	*SPT-8 R19 SPT-9 R20 R21 R22 R23 R24 R25 R26 R27 DS-6 *SPT-10 R28 DS-7 *SPT-11	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.0 CR=24% RQD=NIL 23.7 CR=28% RQD=NIL 24.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% RQD=15% RQD=15% RQD=22% RQD=22% RQD=22% RQD=NIL 28.25-28.3528.2 CR=NIL RQD=NIL 28.25-28.3528.2 CR=NIL RQD=NIL 29.00-29.0629.0 CR=25%
grey to yellowish coarse graned rock. Completely to highly grey to yellowish	browr weath	n, medium 27. hered, brown n, medium	.50m		100	0 1	5.0 cn Refu 3.0 cn Refu Refu	sal n Pent	tn.	*SPT-8 R19 SPT-9 R20 R21 R22 R23 R24 R25 R26 R27 DS-6 *SPT-10 R28	CR=NIL RQD=NIL 21.50-21.5521.5 CR=NIL RQD=NIL 22.25-22.2822.2 CR=28% RQD=NIL 23.7 CR=24% RQD=NIL 23.7 CR=28% RQD=NIL 24.5 CR=34% RQD=NIL 24.5 CR=34% RQD=NIL 25.2 CR=30% RQD=15% CR=37% RQD=15% CR=37% RQD=22% CR=NIL RQD=NIL 28.25-28.3528.2 CR=NIL RQD=NIL RQD=NIL 29.00-29.0629.0

Project : Geotech.	Inv. w	ork for Pro	p. 1	k 600M	₩ S	TPP	at	Singarer	ni, Adil	abad, Tele	ngana. CET	ES T
Job No : 3576I		1	T								Sheet No	
BORE LOG D	ATA	SHEET	$\mid BC \mid$	RE	H0	LE	N	0. IB	H-47	2 Co-o	rdinates E=1 ⁻ N=(-)	154.000
Field Test	Nos	Sam	ples		No:	SI		nenceme			0/15	
Penetrometer (SPT)	10	Undisturbe	ed (U	DS)	2			pletion Hole Di			0/15 mm. / N.X	
Cone (Pc)		Penetrome	eter (SPT)	10	.		l Of G			899 m.	•
·		Disturbed	(DS)		5	W	'ate	er Stru	ck At	:		
Vane (V)		Water Sar	nple	(WS)	1	St		ing Wate		1		
DESC	RIPTIO	V		SYMB	BOL -	FACI		-VALUE		Ref. No	SAMPLES Depth (r	~)
		0).00m			EACH	עו 	VN. =	Toem.	Rei. No	Debut (1	11)
		Ö								DS-1	0.50	
Stiff, brownish gro	ov to	blackich o	arov.					14			0.50	
silty clay with tr	aces	of calcare	eous			6 6	8			SPT-1	1.00-1.4	15
nodules.												
										UDS-1	2.00-2.4	15
		2	2.60m	1,1,				4.7		DS-2	2.60	
 Hard, brownish gr	ey to	blackish d	grey,			 6 18	25	43		SPT-2	3.00-3.4	15
silty clay with tr										WS-1	3.60	
nodutes.		1	30m							*UDS-2	4.00-4.4	15
		'1	50111							DS-3	4.50	
					-	32 ₄₇	67	<u>>100</u>		SPT-3	5.00-5.4	5
						/2 +/	07			DS-4	5.70	
Very dense, browni grey, silty coarse s					_	55 73	100	<u>>100</u>		SPT-4	6.00-6.3	5
nodules & clay bar		obo. Carcar	cous			- 1	5.0	cm Pe	entn.			
						 		<u>>100</u>		DS-5 SPT-5	6.70 7.00-7.2	5
							10.	1 1	Pentin.		7.00 7.2	
		8	3.00m			00		<u>>100</u>		SPT-6	8.00-8.10	8.00
					Щ		10.	0 cm F	Pentn.	R1	CR=25% RQD=NIL	
											CR=30%	8.75
					ᆊ					R2	RQD=NIL	9.50
								y drilling to 30.0		R3	CR=28% RQD=NIL	
									7			10.25
					L.					R4	CR=30% RQD=NIL	<u> </u>
	1	I I. I								R5	CR=31%	11.00
Completely to highl grey to yellowish											RQD=NIL	11.75
coarse grained, p	artly	fractured r	ock.		Щ			Refusal	<u>.</u>	R6	CR=NIL RQD=NIL	
					10	00	5.		Pentn.	*SPT-7	12.50-12.55 CR=25%	12.50
							J.			R7	RQD=NIL	13.25
					Щ					R8	CR=36% RQD=NIL	
												14.00
				H	$\dashv \vdash$					R9	CR=26% RQD=NIL	1475
										R10	CR=NIL	14.75
		15	5.50m								RQD=NIL	15.50
				Dago	1						BH-42	/Sheet-1

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ob No : 3576I	(D. 4	Created	T							<u>'</u>	Sheet No:
BORE LOG DA	ATA	SHEET	BC)KE	нο				$\frac{H-42}{1}$		M=(-)154.00
Field Test	Nos	Sam	ples		No	SI			nt Date Date		10/15 10/15
Penetrometer (SPT)	10	Undisturbe			2	В			iameter		mm. / N.X.
Cone (Pc)		Penetrome		(SPT)	10	-			round		899 m.
/ane (V)		Disturbed Water San		(WC)	5 1	'			ck At er Level		ma
			трте			3	N-V				SAMPLES
DESCR	!IPTION	J		SYMB		EACI			15cm.		Depth (m)
		15	.50m	11	1	00		fusa		*SPT-8	15.50-15.54 16.2
						00			Pentn.	R11	CR=NIL RQD=NIL
					<u> </u> '	00	1 1 1	fusal cm F	entn.	*SPT-9 R12	16.25-16.3016 : 2 CR=29%
											RQD=NIL †
										R13	CR=32% RQD=NIL ▼
					Щ					R14	17.7 CR=30%
										K14	RQD=NIL ↓ 18.5
					 					R15	CR=29% RQD=NIL ▼
										D1.0	19.2 CR=28%
										R16	RQD=NIL v
					\dashv					R17	CR=29% RQD=NIL
											20.7 CR=33%
										R18	RQD=26% v
				 	Щ					R19	CR=34% RQD=NIL
		سوسط لموسوط	مام : ما								22.2
Completely to highly grey to yellowish	grey	, medium	ı to		_					R20	CR=32% RQD=NIL
coarse grained, pa	rtly f	ractured r	ock.		\dashv					R21	CR=32%
											RQD=NIL 23.7
										R22	CR=NIL RQD=NIL
					Щ					R23	24.5 CR=25%
										R23	RQD=NIL \$\\\\ 25.2
										R24	CR=31% RQD=NIL ▼
										505	26.0 CR=NIL
						00	<u>R</u> e	<u>fusal</u>	<u>L</u>	R25 *SPT_10	RQD=NIL 26.75-26.79 26.7
]		4.0	cm F	Pentn.	R26	CR=32% RQD=NIL
					Щ						27.5 CR=33%
										R27	RQD=NIL ▼
					<u> </u>					R28	28.2 CR=34%
											RQD=NIL 29.0
										R29	CR=40% RQD=21%
		3∩	.00m		Ш						30.0
		50	.00111	1	- 1	l l		ı			00.0

	Project : (Geotech.	Inv. w	ork for Pro	p. 1	x 600M	₩ S'	ГРР	at S	Sing	aren	i, Adil	labad,	, Teler	ngana. C	TEST
	Job No : 3			•	T								_ ' _ [•	Sheet N	
	BORE I	LOG D	ATA	SHEET	BC	RE	H0	LE	N().	IBF	1-43	$3 \mid \cdot$	Co-oi	rdinates N=	235.000 (-)152.000
	Field T	est	Nos	Sam	ples		Nos	S				nt Date			0/15	
	 Penetromete	r (SPT)	5	Undisturbe	ed (U	IDS)	2	- 1				Date ameter		23/1	0/15 mm. / N.	_
		/ (31 1)		Penetrome			5	- 1				round			721 m.	^-
	Cone (Pc)			Disturbed	(DS)		3	- 1				ck At				
	Vane (V)			Water Sar	nple	(WS)	0	St	tandi	ng	Wate	r Level	ι:	3.05	m.	
		DESCI	RIPTION	١		SYMB					LUE				SAMPLES	()
					1 00m		E	EACH	l Di	VN.	= '	15cm.	, Ref.	. No	Depth	(m)
	Hard. brow silty clay w	nish gre vith trace	ey to es of	blackish ç	grey, ure.			517 516 729	19	<u>~</u>	5 <u>9</u> 5 <u>5</u>		SP UD SP DS *UD	S-1 T-1 S-1 T-2 S-2 DS-2 T-3	1.00 1.50-1 2.50-2 3.50-3 4.20 4.50-4 5.50-5	.95 .95 .95
	Hard, brown silty clay.	nish grey Obs. c	y to y	ellowish br eous nodu	5.00m own, ıles. 7.00m					>1) c: Ref) c:	00 m Pousal m Po	enth. enth.	DS SP	S-3 T-4 PT-5	6.30 6.50-6 7.00-7.04 CR=63%/RQD=N CR=45%) 5.82 7.00
							 		1 F	- 1	illing 30.00	from Im	R.	3	RQD=NIL CR=40% RQD=NIL CR=42% RQD=NIL	8.00 8.75 9.50
													R		CR=33% RQD=NIL CR=29%	10.25
	Highly we medium gr rock.												R		RQD=NIL CR=32% RQD=NIL	11.00
													R	8	CR=29% RQD=NIL	12.50
													R		CR=34% RQD=NIL CR=26%	13.25
														10	RQD=NIL CR=36%	14.00
				15	5.50m									12	RQD=NIL CR=17% RQD=NIL	14.75 15.50
L				10		1	<u> </u>						<u> </u>		BH	43/Sheet-

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Γ	Project : Geotech.	Inv w	ork for Prop	1 T	z 600M	₩ S'	трр	at S	lings	reni	Adil	ahad Telei	ngana CITIC	.T
	Job No : 3576	11111	Created									$\frac{abad}{16/11/2015}$		
	BORE LOG I	DATA	SHEET	BC	RE]	Н0	LE	N().	IBH-	-4:	3 Co-o	rdinates E=235.0 N=(-)152.(000
	Field Test	Nos	Sam	ples		No	SI			ment ion [0/15 0/15	
	Penetrometer (SPT)	5	Undisturbe			2				Diar			mm. / N.X.	
	Cone (Pc)		Penetrome		SPT)	5	- 1			Gro			721 m.	
	Vane (V)		Disturbed Water San		(WS)	3 0	- 1			truck Vater			m	
				ibie		Ť			-VAL		Level		SAMPLES	\dashv
	DESC	CRIPTION	V		SYMB		EACH				ōcm.	Ref. No	Depth (m)	
	Highly weathere medium grained, rock.		ownish g etelv fracti	.50m rey, ured .25m								R13	CR=24% RQD=NIL 16.2 CR=26%	:5
	Highly weathered, b	orownish	h arev. med	lium	<u> </u>							R14	RQD=NIL ↓	0
	grained, highly frac		rock.	.75m								R15	CR=21% RQD=NIL 17.7	5
												R16	CR=22% RQD=NIL 18.5	60
						_						R17	CR=27% RQD=NIL ↓ 19.2	
												R18	CR=29% RQD=NIL ↓ 20.0	
												R19	CR=30% RQD=NIL * 20.7	
•												R20	CR=24% RQD=NIL 21.5	+
												R21	CR=29% RQD=NIL ▼	
												R22	22.2 CR=25% RQD=NIL	
	Highly to moderate	ly weat	hered, brow	nish								R23	23.0 CR=21% RQD=NIL	
	grey to blackish or rock.					Ц						R24	23.7 CR=26% RQD=NIL	
												R25	24.5 CR=33% RQD=14%	
												R26	25.2 CR=37% RQD=NIL	
												R27	26.0 CR=33% RQD=NIL	
												R28	26.7 CR=44% RQD=NIL	
												R29	27.5 CR=46%	
												R30	28.2 CR=47% RQD=NIL	
												R31	29.0 CR=42% RQD=23%	00
			30	.00m		Щ							30.0	0
	N.B. — '*' mean be recovered.	s sam	ple could	not										
L						1							BH-43/Shee	 t-2

	Project : Geotech.	Inv. w	ork for Pr	op. 1	x 600M	₩ S	STPP	at	Sing	aren	i, Adil	abad, Tele	ngana. C	TEST
	Job No : 3576I											6/11/2015	Sheet N	o:
	BORE LOG D.	ATA	SHEET	BC	RE	HO)LE	N	0.	IBI	I-4	5 Co-o	rdinates N=0	349.000 (-)150.000
	Field Test	Nos	Sar	mples		No)S				it Date		10/15	
	Penetrometer (SPT)	5	Undisturb	ped (U	DS)	2	۱ I		•		Date meter		10/15 mm. / N.	v
	Cone (Pc)		Penetrom	neter ((SPT)	5	.				ound		149 m.	^.
			Disturbed			5	5 V	Vate	er S	Struc	ck At	:		
-	Vane (V)		Water Sc	mple	(WS)) S				r Level			
	DESCI	RIPTION	١		SYMB	OL	E۸C		-VAI		15cm	Ref. No	SAMPLES Depth	(m)
-				0.00m						<u> </u>		1101. 110	Ворин	(111)
						'\'						DS-1	0.50)
	Stiff, greyish brown,	silty	clay.			`\			<u> 1</u>	0				
				1.50m			4 5	5				SPT-1	1.00-1	.45
												DS-2 *UDS-1	1.75 2.00-2	
												1003-1	2.00-2	.15
	Medium dense, ye sand.	ellowi	sh grey,	silty					2	0				
	suria.						7 9	11				SPT-2	3.00-3	
												DS-3	3.60	
-				4.00m								*UDS-2	4.00-4	.45
	\/a-r-\			_:1+					<u> </u>	00				
	Very dense, yell sand.	IOWIS	n grey,	Silly			42 10			n P	entn.	SPT-3	5.00-5	.25
•				C 00				0.	1 1			DS-4	5.75	
				6.00m		1	100	12	.0 c	m F	entn.	SPT-4	6.00-6.12 CR=NIL	6.00
									Refu			R1 _DS_5_	RQD=NIL	
							100	6.	0 cr	n P	entn.	*ŠPT-5 R2	7.00-7.06 CR=25%	7.00
	Completely weather to yellowish grey,											NZ	RQD=NIL	7.75
	grained, fractured re											R3	CR=29% RQD=NIL	
							- 1		r 1	-	from	D.4	CR=27%	8.50
							0.	UUM	to .	30.00	/m	R4	RQD=NIL	9.25
												R5	CR=25% RQD=NIL	↓
-			1	0.00m								D.C	CR=22%	10.00
												R6	RQD=NIL	10.75
												R7	CR=25% RQD=NIL	
													CR=27%	11.50
												R8	RQD=NIL	12.25
	Highly weathered,	, brov	vnish gre	ey to								R9	CR=24% RQD=NIL	
	yellowish grey, co	oarse	grained	rock.										13.00
												R10	CR=22% RQD=NIL	17 75
												R11	CR=26%	13.75
												,	RQD=NIL	14,50
												R12	CR=24% RQD=NIL	_
			1	5.50m										15.25
					Dago	1	/26			•			BH-4	15/Sheet-1

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	Project : Geotech.	Inv. w	ork for Prop	o. 1 :	x 600MW	STP	P at	Sing	areni	, Adil	abad, Tele	ngana. CET	EST
	Job No : 3576I		Created	by:	Chan	lrani	i Cr	eate	ed or	n : 1	16/11/2015	Sheet No	
	BORE LOG D	ATA	SHEET	BC	RE F	IOLI	ΞN	0.	IBH	-4	5 Co-o	rdinates L=3 N=(-	49.000 3150.000
	Field Test	Nos	Sam	ples		Nos			ement			0/15	
ŀ	Penetrometer (SPT)	5	Undisturbe	ed (L	IDS)	2			tion e Dia			0/15 mm. / N.X	ζ.
	Cone (Pc)		Penetrome	ter ((SPT)	5			of Gra			149 m.	,
			Disturbed		(115)	5			Struc				
ŀ	Vane (V)		Water Sam	nple	(WS) T	0		ding I-VA	Water	Level	1	m. SAMPLES	
	DESC	RIPTION	V		SYMBO	LEA				5cm.	Ref. No	Depth (m)
Ī			15	.50m	~~						R13	CR=27% RQD=NIL	7
													16.00
											R14	CR=25% RQD=NIL	1675
	Highly weathered	. brov	wnish arev	, to							R15	CR=28%	16.75
	yellowish grey, co											RQD=NIL	17,50
											R16	CR=26% RQD=NIL	18 05
											R17	CR=23%	18.25
-			19	.00m								RQD=NIL	19.00
											R18	CR=36% RQD=NIL	,
	Highly weathered					1					R19	CR=27%	19.75
	yellowish grey, fin rock.	e gra	ined, fractı	ured								RQD=NIL	20,50
→											R20	CR=25% RQD=NIL	
			21	.50m	 	-4					R21	CR=36%	21.25
	Highly weathere					4						RQD=NIL	22.00
	medium to coarse rock.	e grai	ned, fracti	ured							R22	CR=38% RQD=NIL	1
-			23	.00m		-					R23	CR=40%	22.75
											N20	RQD=NIL	23.50
											R24	CR=36% RQD=NIL	,
						4					R25	CR=41%	24.25
						4					N20	RQD=NIL	25.00
											R26	CR=48% RQD=NIL	↓
						1					R27	CR=36%	25.75
	Highly to moderately grey to brownish										NZ7	RQD=NIL	26.50
	fractured shale. Obs										R28	CR=38% RQD=NIL	↓
						4					R29	CR=47%	27.25
						4					129	RQD=NIL	28.00
											R30	CR=44% RQD=NIL	
						┥ │					R31	CR=49%	28.75
												RQD=NIL CR=45%	29,50
			30	.00m	Щ	Щ					R32	RQD=NIL	30.00
	N.B. — '*' means	s sam											
	be recovered.			-									
L					Dago 5			1	1 1		l	BH-45	/Sheet-2

ſ	Danis A . Contach	T		_ 1 -	- 6001	₩ c	ממשי	_1	C:		.: 4.3:1	ahaa mala		_
}	Project : Geotech. Job No : 3576I	IIIV. W		_					_			abad, Tele. 16/11/2015		
	BORE LOG DA	ATA	1	T							H-48	B Co-0	rdinates E=417.000 N=(-)78.000	0
	Field Test	Nos	Sam	ples		No)S				nt Date		0/15	
İ	Penetrometer (SPT)	8	Undisturbe	ed (U	DS)	2	. 1				Date ameter		1/15 mm. / N.X.	
	Cone (Pc)		Penetrome		(SPT)	8	; L	_eve	ı C	f G	round	: 145.	162 m.	
	Vane (V)		Disturbed		(1410)	4					ck At			
	valle (v)		Water Sar	nple	(WS)	<u> </u>	;			Wate LUE	er Level	1	m. SAMPLES	
	DESC	IOITAIS	N		SYMB	BOL	EAC				15cm.	Ref. No	Depth (m)	
			С).00m		$\overline{}$								
												DS-1	0.50	
	Very stiff, browni	sh gr	ey to gre	yish			7 1	 2 17		29		SPT-1	1.00-1.45	
	brown, silty clay Obs. calcareous noc		sand mixt	ure.			<i>'</i> '					351-1	1.00-1.43	
												UDS-1	2.00-2.45	
			2	2.60m								DS-1	2.60	
							12 1	7 2 7		14		WS-1	3.00 3.00-3.45	
	Hard, brownish gre							/ 2/				SPT-2	3.00-3.45	
	silty clay wtih s calcareous nodul		mixture. (JDS.								*1100 0	4.00.4.45	
												*UDS-2	4.00-4.45	
ŀ				80m		ÌÌ.	45 7	 511 O C	, \\	100		SPT-3	5.00-5.33	
→	Very dense, brown with traces of mi		rey, silty s	sand			671 C		0 <u>k</u>	m F 100	Pentn.	SPT-4	5.50-5.75	+
			6	6.00m		1:::1	00	10.	0 c Ref	m F	entn.		6.00-6.05 6.00	
								5.	o c	m P	entn.	R1	CR=26% RQD=NIL ▼	
						'						R2	6.75 CR=31%	
						Щ					from	112	RQD=NIL	
							6.	00m	to	30.0	0m	R3	CR=33% RQD=NIL ▼	
						╁┤						R4	8.25 CR=31%	
						Щ						114	RQD=NIL	
												R5	CR=42% RQD=39% ▼	
						뮈						R6	9.75 CR=35%	
	Highly to moderately	y weat	thered, brow	nish		Щ						l Ko	RQD=NIL † 10.50	
	grey to greyish brograined rock.	own, r	nedium to	fine								R7	CR=33% RQD=NIL ▼	
	gramea reek.					╫						ne	11.25 CR=39%	
						Щ						R8	RQD=NIL ↓ 12.00	
												R9	CR=57% RQD=NIL ▼	
						뮈							12.75 CR=45%	
						Щ						R10	RQD=NIL 13.50	
												R11	CR=40% RQD=NIL	
						ㅐ							14.25 CR=44%	
						Ш						R12	RQD=NIL 15.00	
			15	5.50m		Щ						R13	CR=43%	
L			10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1							BH-48/Sheet-	 −1

	Project : Geotech.	Inv w	ork for Prov	. 1 .	v 600N	↓ /W ST	קקי	at Si	ngai	eni	Adil	ahad Tele	ngana CETECT
	Job No : 3576I	1114. 11	Created									$\frac{abad}{16/11/2015}$	
	BORE LOG DA	ATA	SHEET	BC	RE	HOI							rdinates E=417.000 N=<->78.000
	Field Test	Nos	Sam	ples		Nos					Date Date		0/15 1/15
•	Penetrometer (SPT)	8	Undisturbe	ed (U	IDS)	2	- 1				neter		mm. / N.X.
	Cone (Pc)		Penetrome		(SPT)	8					ound		162 m.
	Vane (V)		Disturbed Water San		(WC)	4					< At Level		_
				ibre			31		vall		Leve		SAMPLES
	DESCI	RIPTION	\		SYMB	BOLE	ACH	DIV	'N. :	= 1:	5cm.	Ref. No	Depth (m)
			15	.50m								R14 R15	15.75 CR=40% RQD=NIL 16.50 CR=44%
												R16	RQD=NIL 17.25 CR=48% RQD=NIL 18.00
	Highly to moderately grey to greyish bro											R17 R18	CR=31% RQD=NIL 18.75 CR=33%
	grained rock.											R19	RQD=NIL 19.50 CR=27% RQD=NIL
→												R20	20.25 CR=35% RQD=NIL 21.00
						<u> </u>						R21	CR=32% RQD=NIL 21.75
			22	.50m		_						R22	CR=32% RQD=NIL 22.50
												R23	CR=43% RQD=23% v 23.25
	Completely weathe medium to coarse							3.0 <u>E</u>	Refus cm Refus	Pe:		R25 DS-3 *SPT-7	CR=20% RQD=NIL 24.00-24.0324.00 CR=NIL RQD=NIL 24.75-24.8024.75
			25	.50m		<u> </u> 	0	<u> </u>	cm <u>Refus</u>	al		R26 DS-4 *SPT-8	CR=NIL RQD=NIL 25.50-25.53 25.50
	Highly to moderately grey, medium to coa					<u> </u>		3.0	¢m	Pe	nth.	R27	CR=43% RQD=20% v 26.25
				.00m	<u> </u>	<u> </u>						R28	CR=29% RQD=15% V 27.00
												R29	CR=35% RQD=NIL 27.75
	Highly to moderately grey, fine grained r		hered, brow	nish								R30 R31	CR=48% RQD=29% 28.50 CR=29%
												R32	RQD=NIL
				.00m									30.00
	N.B. — '*' means be recovered.	sam	ple could	not									
٠						1							BH-48/Sheet-2

Project : Geotech	n Inv w	ork for Pro	n 1 s	. 600M	V ST	ייי קקי	at	Sin	øaren	i Adi	lahad	Telei	ngana CETEGT
Job No : 3576I		Created											
BORE LOG	DATA	SHEET	BC	RE I	(OE	LE	N	0.	IBI	I-5	1	Со-о	rdinates E=613.000 N=(-)42.000
Field Test	Nos	Sam	ples		Nos	j				nt Dat	e :	13/1	1/15
Penetrometer (SP	T) 6	Undisturbe	ed (U	DS)						Date amete			1/15 mm. / N.X.
,		 Penetrome			6					round			7000. / N.A. 50 m.
Cone (Pc)		Disturbed	(DS)		8					ck A			
Vane (V)		Water San	nple	(WS)	0	S ⁻				r Leve	el :	3.2 r	
DES	SCRIPTION	N		SYMBO		- 4 01			ALUE	4.5	D - 4		SAMPLES
		0	0.00m		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ACF	ע וּ ∏	IVN	. = 	l ocm	. Ref	. INO	Depth (m)
		· ·										5-1	0.50
									14			,	0.00
					$\left \cdot \right =$	3 6	8				SP	T-1	1.00-1.45
Stiff, deep brow	nish gr	rey, silty	clay								DS	S-2	1.70
with kankars.											UD	S-1	2.00-2.45
									15		DS	5–3	2.75
					1 6	6	9		<u> </u>		SP	T-2	3.00-3.45
		3	5.70m								DS	5-4	3.70
											UD	S-2	4.00-4.45
Dense, yellowis	sh gre	y, silty s	and						46		DS	S-5	4.75
with kankars.					1	1 19	27		40		SP	T-3	5.00-5.45
									7.5		DS	6-6	5.70
		6	5.00m		1	9 31	44		<u>75</u>		SP	T-4	6.00-6.45
Hard, greyish b sand mixture.	rown, s	silty clay	with					>	100		DS	5-7	6.70
Salia illixture.		_			\	3100	2.		om P	entn		T-5	7.00-7.17
		/	'.40m			00		\geq	<u> 100</u>	entn.	_	T−6 ?1	7.40-7.50 7.40 CR=32% ↓
					4			.0					RQD=NIL 8.00 CR=29%
					N	NX r	otar	y d	rilling	from		2	ŘQD≟ŇÍĽ ↓ 8.75
						7.4	40m	to	15.00)m	R	₹3	CR=31% RQD=NIL ▼
				\vdash									9.50
											F	₹4	CR=34% RQD=NIL ▼ 10.25
					_						R	₹5	CR=28% RQD=NIL V
Highly weathere deep grey, med					4								11.00
highly fractured re		Title gran	neu,								R	86	CR=26% RQD=NIL
											 R	R7	11.75 CR=33%
												.,	RQD=NIL
											R	88	CR=38% RQD=NIL
					-							89	13.25 CR=31%
					$\perp \!\!\! \mid$								RQD=NIL
											R	R10	CR=28% 14.00 RQD=NIL
		15	.00m		\exists						R	R11	CR=33% 14.75 RQD=NIL15.00
				Page		0.60			<u> </u>		1		BH-51/Sheet-

T Page 81/260

Project : Geotech. I	nv. w	ork for Pi	rop. 1 3	x 600M	₩ S	TPP	at :	Sing	gare	ni, A	dila	bad, Tele	ngana. CE	TEST	
Job No : 3576I												6/11/2015	Sheet N	No:	
BORE LOG DA	TA	SHEET	BC	RE	HC)LE	N	0.	IΒ	H-	52	Co-o	rdinates E= N=	=615.000 (-)348.000	
Field Test	Nos	Sa	mples		No)S				ent Do		: 29/1	0/15		
Penetrometer (SPT)	7	Undistur	bed (U	DS)	2					n Da iame			0/15 mm. / N	x	
Cone (Pc)		Penetror	neter ((SPT)	7	. 1				Grour			938 m.	.,,,	
		Disturbe			8					ıck .					
Vane (V)		Water S	ample	(WS)	0) (er Le	vel				
DESCR	IPTIOI	V		SYMB		FΔC			ALUE =		m	Ref. No	SAMPLES Depth	(m)	
			0.00m						·			1(01. 110	2 3 4 4 1 1	· · · · · ·	
Top soil consists	of b	olackish	grey,									DS-1	0.50		
clayey silt.			-0.90m					, -	25						
						7 1:	2 13					SPT-1	1.00-1		
												DS-2	1.70		
												UDS-1	2.00-2	2.45	
									<u>15</u>						
Very stiff, brownis with traces of sand			clay		\\	4 7	8					SPT-2	3.00-3		
					\\							DS-3	3.60)	
												UDS-2	4.00-4	1.45	
									27						
						9 1	1 16	ľ				SPT-3	5.00-5	5.45	١.
-			-5.70m	1	7				<u>69</u>			DS-4	5.60		+
						192	3 41	-	09			SPT-4	6.00-6	6.45	
Hard, yellowish b	orowi	n, silty	clay.						100			DS-5	6.70		
Obs. rusty spots.						38 4	4100					SPT-5	7.00-7	7.37	
					1		7.0	- 1	n P <u>100</u>	ehtn.		DS-6	7.60		
Hard grovinh vo			- 8.00m			48 10						SPT-6	8.00–8	3.23	
Hard, greyish ye	ellow	, Silly	Cidy.		\\		8.0	- 1	n P <u>100</u>	ehtn.		DS-7	8.70		
			-9.00m			00						SPT-7	9.00-9.11 CR=27%	9.00	
							11.		cm	Pentr	۱.	R1	RQD=NIL	9.75	
						NX I	otary	/ dr	rillind	g fror	n	R2	CR=28% RQD=NIL		
Highly weathered						I	00m		1 7				CR=32%	10.50	
grey, fine grained rock.	, hiç	ghly frac	tured		\dashv							R3	RQD=NIL	11.25	
												R4	CR=34% RQD=NIL	11.25	
					7									12.00	
			10 75									R5	CR=36% RQD=NIL	J	
			12.75m		\parallel							R6	CR=46%	12.75 	
 Moderately weather	ed. I	liaht vell	owish		╣								RQD=NIL	13.50	
grey, fine grained				لِـلـلِ	Щ							R7	CR=48% RQD=NIL		
rock.												R8	CR=49%	14.25	
			15.00m	 	닉							ОЛ	RQD=NIL	15.00	
L				Dago	1								BH-	 52/Sheet-1	ı

Project : Geotech.	Inv. w	ork for Pro	p. 1	x 600N	₩ Si	:PP	at Si	ingai	eni, Adil	labad, Tele	ngana. CETES
Job No : 3576I		Created	by:	Chai	ndra	ni	Crea	ated	on:	16/11/2015	
BORE LOG DA	ATA	SHEET	BC	RE	HO				BH-5	_	rdinates E=615.00 N=(-)568.0
Field Test	Nos	Sam	nples		Nos	5 I			nent Date on Date		1/15 1/15
Penetrometer (SPT)	7	Undisturb			1	- 1			Diameter		mm. / N.X.
Cone (Pc)		Penetrom		(SPT)	7				Ground		400 m.
Vane (V)		Disturbed Water Sar		(WC)	8				ruck At ater Leve		m
			пріе			30		vall		1	SAMPLES
DESCF	RIPTION	V		SYME	OLE	ACH			= 15cm.	-	Depth (m)
		().00m			2 15	21	<u>36</u>		DS-1 SPT-1 DS-2	0.50 1.00-1.45 1.60
										UDS-1	2.00-2.45
Hard, brownish gre silty clay. Obs. sand	y to I mixt	greyish br ture.	own,			8 26 7 38			<u>0</u> Pentn.	SPT-2 DS-3 SPT-3 DS-4	3.00-3.45 3.70 4.00-4.39 4.60
					3	2100	15.0	>10 cm >10	Pentn.	SPT-4 DS-5	5.00-5.30 5.70
		8	3.00m			2 100 3 100	7.0 6.0	cm >10 cm >10	Pentn. <u>O</u> Pentn. <u>O</u>	SPT-5 DS-6 SPT-6 DS-7 SPT-7	6.00-6.22 6.70 7.00-7.21 7.60 8.00-8.10 8.00 CR=36%
						- 1	l ľ	drilli	ng from 5.00m	R1 R2	RQD=NIL 8.7: CR=35% RQD=NIL 9.5:
										R3	CR=38% RQD=NIL 10.2
Highly wethered, li fine grained, high										R4	CR=39% RQD=NIL ▼
										R5	CR=38% T1.0 RQD=NIL T1.7
										R6	CR=39% RQD=NIL ▼
			.							R7	12.56 CR=39% RQD=NIL
Moderately weathe		light gre								R8	13.2 CR=52% RQD=NIL 14.0
yellow, fine grained, fractured rock.	nighly		ately 5.00m							R9	CR=54% RQD=49%

Project : Geotech. I	nv. w	ork for Pro	op. 1	x 600M	↓ IW S'	TPP at	Sing	gareni	i, Adil	abad, Tele	ngana. C	ΓEST
Job No : 3576I	TD A	-								16/11/2015		o: 615.000
BORE LOG DA	Ϋ́A	SHEET	BC	RE	НО						N=(− <u>}818.000</u>
Field Test	Nos	Sar	nples		Nos	S		cemen etion			0/15 1/15	
Penetrometer (SPT)	2	Undisturb	ed (U	DS)	0		•	le Dia			mm. / N.:	x.
Cone (Pc)		Penetrom		(SPT)	2	Lev	el C	of Gr	ound	: 145.7	775 m.	
Vane (V)		Disturbed		(1110)	2	- 1		Struc				
varie (v)		Water Sa	mple	(WS)	<u> </u>		nding N-VA	Water	Level		m. SAMPLES	
DESCR	IPTION	١		SYMB					l5cm.	Ref. No	Depth	(m)
			0.00m							7,0,,,,,,	<u>'</u>	
										DS-1	0.50	
Hard, greyish ye	ellow	, silty o	clay.					<u>78</u>				
Obs. sand mixture.					1 2	21 36 4	2			SPT-1	1.00-1	.45
			2.00m			00	Ret	<u>fusal</u>		*SPT-2	2.00-2.05	2.00
Highly weathered, l	ight	arevish ve	illow.	\vdash	'		5.0 6	m Pe	enth.	R1	CR=36% RQD=NIL	
fine grained, high	ily Tr	acturea	rock. 2.75m									2.75
Moderately weathe						NX roto	I I	rilling 15.00		R2	CR=45% RQD=NIL	
yellow, fine graine rock.	d, hi	ghly frac	tured		긥	2.00		13.00	,,,,,	R3	CR=47%	3.50
			4.25m		Щ					1.5	RQD=NIL	4.25
										R4	CR=69% RQD=NIL	ļ
											CR=64%	5.00
•										R5	RQD=40%	5.75 ←
										R6	CR=76%	3.73
 Slightly weather	ed, l	iaht are	yish								RQD=24%	6.50
yellow, fine grained,										R7	CR=78% RQD=NIL	↓
rock.										R8	CR=76%	7:25
										, KO	RQD=NIL	8.00
										R9	CR=72% RQD=NIL	↓
											CR=68%	8.75
			9.50m							R10	RQD=NIL	9.50
			9.50111	Ц.,						R11	CR=84% RQD=NIL	1
												10.25
				Ш.,						R12	CR=92% RQD=44%	↓
										R13	CR=93%	11.00
										KIS	RQD=NIL	↓ 11.75
Fresh, light grey			fine							R14	CR=91% RQD=17%	
grained, highly fracti	ured i	rock.										12.50
										R15	CR=95% RQD=48%	1705
					_]					R16	CR=95%	13.25
											RQD=52%	14.00
										R17	CR=91% RQD=87%	
N.D. C?		, .1.	5.00m								1.40-0/%	15.00
N.B. — '*' means be recovered.	sam	pie coulă	not									
				I	1					<u> </u>	BH-5	4/Sheet-1

	Project : Geotech.	Inv w	ork for Pror	1 7	x 600N	₩ ST	, קקי	at Sir	gareni	Adil	ahad Tele	ngana CETEST	-
	Job No : 3576I	********	Created									Sheet No:	
	BORE LOG DA	ATA	SHEET	BC	RE	H0					_	rdinates E=615.000 N=(-)1068.000)
	Field Test	Nos	Sam	oles		Nos	3		cemen etion			11/15 11/15	
	Penetrometer (SPT)	3	Undisturbe	d (U	DS)	0		•	ole Dic			mm. / N.X.	
	Cone (Pc)		Penetrome		(SPT)	3	Le	vel	Of Gr	ound	: 144.	389 m.	
	Vane (V)		Disturbed		(),()	4			Struc				
	valle (v)		Water Sam	nple	(WS)		Ste		Water ALUE	Level	i .	m. SAMPLES	
	DESC	IOITAIS	V		SYMB	OLE	ACH			5cm.	Ref. No	Depth (m)	
			0	.00m		$\overline{}$							
											DS-1	0.50	
							0.7.0	4.0	<u>85</u>		ODT 4	4 00 4 45	
	Hard, brownish gre	ey to	greyish bro	own,		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	8 36	49			SPT-1	1.00-1.45	
	silty clay.						8100	2	100		DS-2 SPT-2	1.70 2.00-2.25	
									cm P	entn.	DS-3	2.60	
			3	.00m		\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1100	2	100		SPT-3	3.00-3.22 3.00	
								7.0	cm P	enth.	R1	CR=28%	
												RQD=NIL 3.75 CR=25%	
						Ц,	JX ro	tary o	rilling	from	R2	RQD=NIL ↓ 4.50	
								I.	15.00	I	R3	CR=32% RQD=NIL V	
												5.25	
•						Щ					R4	CR=33% RQD=NIL	
	Highly weathered grey, fine grained										R5	6.00 CR=37% RQD=NIL	
	rock.										R6	6.75 CR=33%	
						 						RQD=NIL	
											R7	RQD=NIL † 8.25	
											R8	CR=36% RQD=NIL ¶ 9.00	
											R9	CR=38% RQD=NIL	
			9	.75m	$H\overline{T}$	H					R10	9.75 CR=39%	
						\mathbb{H}					10	RQD=NIL † 10.50	
											R11	CR=33% RQD=NIL ▼	
											R12	11.25 CR=27% RQD=NIL	
	Highly weathered, l										D17	12:00	
	medium to fine moderately fractured			το							R13	CR=30% RQD=NIL 12.75	
						H.					R14	CR=29% RQD=NIL 13.50	
											R15	CR=30% RQD=NIL ▼	
											R16	14.25 CR=35% RQD=33% V	
			15	.00m		耳						15.00	
						1						BH-55/Sheet-	1

Project : Geotech.	Inv. w	ork for Pro	p. 1	x 600M	₩ S	TPI	at	Sing	aren	i, Adil	abad, Tel	engana. CETES
Job No : 3576		Created									23/11/201	5 Sheet No:
BORE LOG DA	ATA	SHEET	BC	RE	HO	LE	N	0.	IBI	1-5	7 Co-	ordinates E=615.000 N(-)1575.000
Field Test	Nos	Sam	ples		No	SI				nt Date	:: 07/	/11/15
Penetrometer (SPT)	6	Undisturbe	ed (U	IDS)	1					Date ameter		/11/15) mm. / N.X.
		Penetrome	eter ((SPT)	6					ound		3.459 m.
Cone (Pc)		Disturbed	(DS)		7		Wat	er S	Struc	ck At		
Vane (V)		Water San	nple	(WS)	O					r Level	: 1.5	m.
DESCF	RIPTIO	N		SYMB		F A C		I-VAI		1	Def Na	SAMPLES Depth (m)
		0	.00m			EAC	/H L	אטו <u>ע.</u>	=	locm.	Ref. No	Depth (III)
Brownish grey, silty clo	ay with			11/11							DS-1	0.50
		1	.00m					3	6			0.00
		,	.00111			9 1	4 22				SPT-1	
											DS-2	1.60
											UDS-1	2.00-2.45
									8		DS-3	2.70
						26	⊦1 <mark>57</mark>		_		SPT-2	3.00-3.45
Hard, yellowish gre									00		DS-4	3.70
silty clay with dec steel grey patches.	compo	osed rock	with			321					SPT-3	4.00-4.29
gray patamaa.							14		m P <u>00</u>	enth.	DS-5	4.60
						00	17				SPT-4	5.00-5.13
									n P usal	enth.	DS-6	5.70
						00					*SPT-5	6.00-6.07
							′	1 1	nı P usal	entn.		
		7	'.00m		$\uparrow \uparrow \uparrow \uparrow$	00	7				*SPT-6	7.00-7.03 7.0 0
					Щ			.0 kı		enth.	R1	CR=25% RQD=NIL 7.75
											R2	CR=28% RQD=NIL
					ᅱ	- 1		r i		from		8.50
Highly weathered, li					\dashv	7	.don	n to	15.00)m	R3	CR=31% RQD=NIL
medium to fine grain rock.	ined,	nignly tract	ured								R4	CR=27% RQD=NIL
					╁╢							10.0
				Щ	Щ						R5	CR=37% RQD=NIL
											R6	10.75 CR=28%
		11	.50m		\dashv							RQD=NIL †
											R7	CR=28% RQD=NIL ▼
											De De	12.2 CR=21%
Highly wasters	1	الماد المادات	l a · · ·		귀						R8	RQD≟NÍĽ ↓ 13.00
Highly weathered fine grained, high											R9	CR=35% RQD=NIL V
	-										_	13.75 CR=29%
				H	Щ						R10	RQD=NIL 1
		1 🗲	.00m								R11	CR=34% 14;30 RQD=NIL 15:00
N.B. — '*' means	sam	ple could	not									15.00

Project : Geotech. l	invw											TEST
Job No : 3576	(D) A	Created by:			-					<u>'</u>		o: 365.000
BORE LOG DA			DRE		,			IBH- ment D			rdinates	−)1575.000
Field Test	Nos	Samples	100)	Nos				on Da			11/15	
Penetrometer (SPT)	12	Undisturbed (l Penetrometer		1 12				Diame			mm. / N.	X.
Cone (Pc)		Disturbed (DS)		8				Grour truck			541 m.	
Vane (V)		Water Sample	(WS)	0	Sto	and	ing V	Vater Le	vel	: 2.8	m.	
DESCR	RIPTION	N	SYMB	OL F	4 01 1		-VAL			Ref. No	SAMPLES Depth	(m)
		0.00m	1	E/	ACH	וט	VIN.	= 15c	m.	Rei. NO	Берин	(111)
										DS-1	0.50	
Very stiff, brownis	sh gr	ey, silty clay					1	<u>z</u>		ODT 4	4.00.4	4.5
with decomposed r	ock.				8	9				SPT-1	1.00-1	.45
										UDS-1	2.00-2	45
		2.60m	1777							DS-2	2.60	
Hard, brownish gr	ey, s	silty clay with		50	50		<u>>1</u>			SPT-2	3.00-3	.25
decomposed rock.						10.0	0 ¢n <u>10 <</u>	n Pentr 20	า.	DS-3	3.60	
Very dense, brow	nish	4.00m		100		12		T n Pentr	,	SPT-3	4.00-4	
sand with decom						1 2.1	3 21 2 10		'	DS-4	4.50	I
steel grey patches.		5.25m		100		8.0) cn <u>Refu</u>	n Pentr sal	٦.	SPT-4 *SPT-5	5.00-5 5.25-5.32	.08 5.25
Highly weathered,	yell	owish brown,		100		7.0) cn <u>Refu</u>	n Pentr	٦.	R1	CR=22% RQD=NIL	↓
medium grained, hi				<u></u>)			n Pentr	٦.	*SPT-6 R2	6.00-6.04 CR=24% RQD=NIL	6.00
		6.75m	1	100			Refu			*SPT-7	6.75-6.78 CR=NIL	6.75
				 100			J cn <u>Refu</u>	n Pentr <u>sal</u>	٦.	R3 DS-5 *SPT-8	RQD=NIL 7.50-7.53	7.50
							- 1	n Pentr	٦.	R4	CR=NIL RQD=NIL	
Completely weather				100		3.0	Refu	<u>sal</u> n Pentr	,	*SPT-9 R5	8.25-8.28 CR=NIL	8.25
decomposed & disinto collected as sludge.	egrate	a rock particles		— 100			Refu		'•		RQD=NIL 9.00-9.02	9.00
							o cn <u>Refu</u>	Pentr	٦.	R6	CR=NIL RQD=NIL	↓
				100			- 1	n Pentr	٦.	R7	9.75-9.78 CR=NIL	9.75
lliably woathorod	b 15.5	10.50m	1	100			Refu			DS-7 *SPT-12	ROD=NIL 10.50-10.5	5210,50
Highly weathered medium grained, hi		fractured rock.				2.0	O ¢n	n Pentr	٦.	R8	CR=22% RQD=NIL	11.25
		———— 11.25m	14	N	x ro	tan	/ dril	ling fro	m	R9	CR=23% RQD=16%	1 1
					1 1	- 1		5.00m		D.1.0	CR=21%	12.00
										R10	ŘQD≟ŇÍĽ	12.75
Highly weathered, do medium grained, hi										R11	CR=22% RQD=NIL	
gravilea, iii	9111	Tradital a room.								R12	CR=24%	13.50
										NIZ	RQD=NIL	14.25
		45.00								R13	CR=25% RQD=NIL	15
N.B. — '*' means	sam	15.00m ple could not	1									15.00
L				<u> </u>								

Project : Geotech.	Inv. w	ork for Pro	p. 1 :	x 600M	₩ S'	TPP	at	Singa	reni. Ad	ilabad. Tele	ngana. C =	TEST
Job No : 3576I										13/01/2016	Sheet N	o:
BORE LOG DA	ATA	SHEET	BC	ORE	HO	LE	N	0. I	BH-5	59 Co-c	rdinates E=	=90.000 -)1575.000
Field Test	Nos	Sam	ples		Nos	SI			ment Da	te: 17/	12/15	
Penetrometer (SPT)	2	Undisturbe	ed (U	JDS)	1	- 1			on Dat Diamete		12/15 mm. / N.	x.
Cone (Pc)		Penetrome	eter ((SPT)	2				Groun		748 m.	
Vane (V)		Disturbed			2				ruck A			
varie (v)		Water Sar	nple	(WS)	<u> </u>			ing W -VALl	ater Lev		m. SAMPLES	
DESCR	RIPTIO	V		SYMB		EAC				n. Ref. No	Depth	(m)
Blackish grey, sil mixture.	ty cl	ay with s).00m sand).50m							DS-1	0.50)
Hard, yellowish with sand mixture					2	28 3	6 58	94	<u>.</u>	SPT-1	1.00-1	
nodules.		2	2.25m		10	00	3.0	Refus	sal Pentn.	DS-2 *UDS-1 *SPT-2 R1	1.75 2.00-2 2.25-2.28 CR=27% RQD=13%	2.25
					<u> </u>	- 1	I I		ing from	R2	CR=36% RQD=31%	3.00
Highly weathered, pinkish grey, mediu					\exists	2	.45m	το 1	5.00m	R3	CR=28% RQD=16%	
highly fractured rock		J	ŕ		<u> </u>					R4	CR=32% RQD=13%	5.25
										R5	CR=26% RQD=14%	6.00
			S.75m							R6	CR=36% RQD=24%	1
										R7	CR=32% RQD=13%	
Highly weathered grey, medium grain										R8	CR=36% RQD=NIL	8.25
rock.	, ,	ivgility il doc	arod		<u> </u>					R9	CR=28% RQD=NIL	9.00
		C).75m							R10	CR=31% RQD=NIL	9.75
			,,, OIII							R11	CR=32% RQD=NIL	10.50
										R12	CR=36% RQD=16%	
Highly wastbared	Vall	lowich h	7.W.							R13	CR=32% RQD=13%	
Highly weathered, medium to fine grain rock.					\mathbb{H}					R14	CR=34% RQD=14%	
										R15	CR=32% RQD=NIL	13.50
										R16	CR=40% RQD=27%	
N.B. — '*' means	sam	15 ple could	5.00m not							R17	CR=32% RQD=13%	1 1
be recovered.					<u> </u>						 BH!	59/Sheet-1

	D : 1 C 1 1	7	1 0 D		0001	TW 07	IDD.	1 0	,	•	1 1 1 1	1 1 m 1		T- - T
	Project : Geotech. Job No : 3576I	lnv. w										abad, Telei 16/11/2015		
	BORE LOG D	<u>ΛΤΛ</u>	-	T .)RE							1 00-0	rdinates N=	334.000
					71/11					nent [0/15	(-)94.000
	Field Test	Nos	Sam	ples		Nos				on Do			0/15	
	Penetrometer (SPT)	5	Undisturbe			2				Diame			mm. / N.	.X.
	Cone (Pc)		Penetrome			5	L	evel	Of	Grou	nd	: 144.7	77 m.	
	Vane (V)		Disturbed			7				ruck				
	varie (v)		Water San	nple	(WS)	<u> </u>	St			ater Le	evel			
	DESC	RIPTIO	V		SYMB		۸CL		VALU		m	Ref. No	SAMPLES Depth	(m)
			0	.00m						130	,,,,,	TCT. TO	Ворин	X1117
												DS-1	0.50	,
									28			D3 1	0.00	,
	Very stiff, browni	sh gr	ey, silty o	clay		7	12	16	20			SPT-1	1.00-1	.45
	with sand mixture.											DS-2	1.75	5
												UDS-1	2.00-2	2.45
			2	.60m	11/1							DS-3	2.60)
						1) 0 15	1 0	34			SPT-2	3.00 <i>-</i> 3	3.45
												DS-4	3.60	
												*UDS-2	4.00-4	
												DS-5	4.60	
	Hard, brownish gr	ey to	light blac	kish					41			D3-3	4.00	,
	grey, silty clay.					1.	3 19	22				SPT-3	5.00-5	5.45
→												DC	0.00	, F
									95			DS-6	6.00)
						1	6 43	52				SPT-4	6.50-6	5.95
			7	.15m			0		<u>>10</u>	0		SPT-5	 7.15–7.25	7.15
							- 1	10.0	cm	Pent	n.	R1	CR=41% RQD=NIL	
					┞—Ң	Щ							CR=46%	8,00
						N				ng fro	m	R2	RQD=NIL	8.75
	Highly to moderatel					_	7.2	25m	td 30	0.0¢m		R3	CR=42%	8.73
	grey, fine graine	ed, fr	actured ro	ock.									RQD=NIL	9.50
												R4	CR=22% RQD=NIL	
												DE	CR=27%	10.25
			11	.00m	<u> </u>							R5	RQD=NIL	11.00
												R6	CR=23% RQD=NIL	
					 	Н							CR=25%	11.75
												R7	RQD=NIL	12 50
						\dashv						R8	CR=24%	12.50
	Highly to moderate brown, fine grain												RQD=NIL	13,25
	Stown, thic grant	ou, 11	actarea re	J U 1(.	H	\dashv						R9	CR=26% RQD=NIL	↓
												P10	CR=40%	14.00
						H						R10	RQD=NIL	14.75
												R11	CR=37% RQD=NIL	↓
			15	.50m										15.50
						T							BH-7	74/Sheet-1

T Page 111/260

Project : Geotech. I	Inv. w	ork for Proj	p. 1 :	x 600M	₩ S	TPP				lengana. CETES
Job No : 3576I	. (T) A	Created	T						16/11/20	F 774.00
BORE LOG DA	ATA		1	RE	HO					N=(-)94.00
Field Test	Nos	Sam	ples		No	SI		t Date Date		/10/15 /10/15
Penetrometer (SPT)	5	Undisturbe	•		2	E	•	ımeter		0 mm. / N.X.
Cone (Pc)		Penetrome		(SPT)	5	-		ound		4.77 m.
Vane (V)		Disturbed Water San		(WS)	7 0	'		k At Leve		2 m.
			ipie				–VAL	Leve	. 2.2	SAMPLES
DESCR	RIPTION	N		SYMB	OLF	EĄCI		5cm.	Ref. N	
		15	.50m						R12	2 CR=38% RQD=NIL 16.25
									R13	CR=34% RQD=NIL 17.00
					\prod				R14	4 CR=37% RQD=NIL 17.75
					<u> </u>				R15	CD-30%
					Ц				R16	KQD-NIL
Highly to moderately brown, fine grains									R17	7 CR=41% RQD=NIL 20.0
									R18	CD-729/
									R19	CD-25%
					<u> </u>				R20	CR=44% RQD=NIL 22.2
									R2	CD-46%
		23	.75m						R22	2 CR=49% RQD=30% 23.7
									R23	CR=45% RQD=NIL 24.50
					\exists				R24	CD-499/
Moderately weather coarse graiend, fr					H				R25	CD-44%
									R26	CD-40%
		27	.50m						R27	CD-42%
			,						R28	CD_E19/
Moderately weather fine grained, morrock.									R29	CD-579/
IUCK.									R30	RQD=14%
N.B. — '*' means be recovered.	sam		.00m not							30.00
					\perp					

Project : Geotech.	Inv. w	ork for Prop	o. 1 :	x 600M	W ST	PP at	Sing	areni, Adi	labad, Tele	ngana. CETEST
Job No : 3675		Created	by:	Char	ıdrar	ni C	reate	d on :	19/01/2016	
BORE LOG D.	ATA	SHEET	BC	ORE	HOL	EN	10.	IBH-7	5 Co-o	rdinates E=<->543.000 N=<->2142.000
Field Test	Nos	Sam	ples		Nos			ement Date		2/15
Penetrometer (SPT)	3	Undisturbe	ed (U	IDS)	1	1		ion Date e Diamete		2/15 mm. / N.X.
Cone (Pc)		Penetrome	eter ((SPT)	3	1		f Ground		067 m.
		Disturbed			3	1		itruck At		
Vane (V)		Water Sam	nple	(WS)	0		iding N-VAL	Water Leve	1	m. SAMPLES
DESCI	RIPTION	N		SYMB				 = 15cm	+	Depth (m)
		0	.00m							
									DS-1	0.50
Very stiff, blackis		ey, silty c	lay.		6	9 1:	<u> 2</u>	<u>1</u>	SPT-1	1.00-1.45
Obs. calcareous no	dules.								DS-2	1.70
									UDS-1	2.00-2.45
			.50m	11/1	7,7		<u> </u>		DS-3	2.70
Hard, blackish Obs. calcareous no		, silty cl	lay.		65	100		Pentn.	SPT-2	3.00-3.20
		3	.50m		100			usal	*SPT-3	3.50-3.52 3.50
						2.	d cm	Pentn.	R1	CR=33% RQD=20%
					⊢				R2	4.25 CR=28%
					N:	1 1	1. 1	IIIng from	INZ	ŘQD≡ŇÍĽ ↓ 5.00
						3.50	m to	30.00m	R3	CR=35% RQD=25% √
									D4	5.75 CR=30%
					<u> </u>				R4	CR=30% RQD=NIL 6.50
									R5	CR=32% RQD=NIL ↓
									D.C.	7.25 CR=35%
									R6	ŘQD=14% ↓ 8.00
									R7	CR=33% RQD=NIL
Highly to moderately	v weat	hered. vello	wish						D0	8.75 CR=32%
brown, medium gro									R8	RQD=ÑÍL 9.50
									R9	CR=36% RQD=NIL +
									D. 1.5	10.25 CR=40%
					\mathbb{H}				R10	RQD=NIL +
									R11	CR=43% RQD=NIL +
				\parallel	Н					11.75 CR=44%
									R12	RQD=32% 12.50
					\dashv				R13	CR=42% RQD=NIL
										13.25
					 				R14	CR=45% RQD=32%
									R15	14.00 CR=48%
Moderately weather	ed v	14	.75m	#						RQD=36% 14.75
medium grained, m		fractured r	ock.		\dashv				R16	CR=55% RQD=33%
		15	.50m		<u> </u>					15.50 BH-75/Sheet-

Project : Geotech.	Inv. w	ork for Proi	p. 1 :	x 600M	₩ S'	ГРР	at Siı	ngar	eni, A	dila	abad, Telei	ngana. CETEST
Job No : 3675		Created	by:	Char	dra	ni	Crea	ted	on :	: 1	9/01/2016	Sheet No:
BORE LOG DA	ATA	SHEET	BC	RE	H0				3H-			rdinates E=(-)543.000 N=(-)2142.000
Field Test	Nos	Sam	ples		Nos	S			nent D		: 13/1	2/15 2/15
Penetrometer (SPT)	3	Undisturbe	ed (U	IDS)	1	- 1			on Do Diame			mm. / N.X.
Cone (Pc)		Penetrome	eter ((SPT)	3	- 1			Grou)67 m.
		Disturbed			3	- 1			uck			
Vane (V)		Water San	nple	(WS)	0	St	andin N-V		ater Le	evel		m. SAMPLES
DESCF	RIPTIO	V		SYMB		EACH			<u>□</u> = 15c	m.	Ref. No	Depth (m)
Moderately weather medium grained, me		ellowish bro fractured r									R17	CR=58% RQD=36% 16:25
		10	.20111								R18	CR=53% RQD=50% 17.00
											R19	CR=54% RQD=45% 17.75
											R20	CR=56% RQD=17% 18.50
											R21 R22	CR=51% RQD=NIL 19.25 CR=62%
											R23	RQD=NIL 20.00 CR=52%
											R24	ŘQD≚ÑÍĽ 20.75 CR=64% RQD=32% ↓
											R25	21.50 CR=60% ROD=57%
 Moderately to sl	.iahtl	v weathei	red.								R26	22.25 CR=62% RQD=34%
brownish grey, med medium fractured ro	ium t	o fine grai	ned,								R27	23:00 CR=64% RQD=20% 23:75
											R28	CR=60% RQD=28% 24.50
											R29	CR=56% RQD=17% 25.25
											R30	CR=64% RQD=20% 26.00
											R31	CR=66% RQD=48% 26.75 CR=70%
					+						R32 R33	RQD=56% 27.50 CR=72%
					+						R34	RQD=68% 28.25 CR=68% RQD=48%
											R35	29.00 CR=71% RQD=33%
		30	.00m									RQD=33% 30.00
N.B. — '*' means be recovered.	sam											
				1	1				l			BH-75/Sheet-2

Project : Geotech. I Job No : 3576I	nv. we											gana. Calas Sheet No:
BORE LOG DA	TA	•		RE I							''	ordinates E=(-)665.00 N=(-)923.00
Field Test	Nos	Sam	nples		Nos	S C	omn	nence	men	it Date	: 13/	11/15
Penetrometer (SPT)	6	Undisturbe	ed (U	DS)	0			•		Date meter		11/15 mm.
Cone (Pc)		Penetrome		SPT)	6					ound		709 m./NX
Vane (V)		Disturbed Water Sar		(WS)	5					ck At Leve		m
 DESCR	IDTION		ПРТС	SYMB				-VAL		2010		SAMPLES
DESCR	11 1101		0.00m		E	EACH	l Di	IVN.	= '	15cm.	Ref. No	Depth (m)
		C	J.OOM					35			DS-1	1.00
Hard, brownish	grey	v, silty o	clay		1	2 14	21		2		SPT-1	1.50-1.95
with sand mixture.								47	7		DS-2	2.50
						5 20	27				SPT-2	3.00-3.45
		4	1.20m			3 29	45	74	<u> </u>		DS-3 SPT-3	4.00 4.50-4.95
Hard, brownish grey silty clay. Obs. sand mix						.5 25	173				DS-4	5.50
			2.45		2	6 39	64	<u>>10</u>	<u>00</u>		SPT-4	6.00-6.45
Very dense, yello sand. Obs. calca		brown, s			4	.5 100		210			DS-5 SPT-5	6.75 7.00-7.25
		 7	7.50m			00	6.0	Refu	sal Pei	entn. ntn.	*SPT-6 R1	7.50-7.56 7.50 CR=27% RQD=NIL V
Highly weathered, li					Ш						R2	8.25 CR=24% RQD=NIL 9.00
medium to fine grai rock.	nea,	nigniy tract	turea					y dri 1 to :		from 0m	R3	CR=28% RQD=NIL V 9.75
		1C).50m								R4	CR=35% RQD=20% V 10.50
											R5	CR=21% RQD=NIL 11.25
											R6	CR=22% RQD=NIL 12.00
											R7	CR=24% RQD=16% V 12.75 CR=21%
Highly weathered, lie medium to fine grai											R8	RQD=NIL 13.50
rock.	7	J 17 1. 200									R9 R10	RQD=NIL ¶ 14.25
											R11	ŘQD=ŇĬĹ 15.00 CR=22% RQD=NĬL
											R12	15.75 CR=23% RQD=NIL
		. –	7.00m		$\overline{}$						R13	16.50 CR=20% RQD=NIL

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ſ	Drainat + Castach 1		oult for Duon	. 1	. ennin	W C	ממיד	.4 0	in a			14161	had Talam	cano CETEC	₩
	Project : Geotech. I Job No : 3576I	IIIV. W	Created												4
	BORE LOG DA	ATA	SHEET		RE I					ICS'			'''''''''''''''''''''''''''''''''''''	ordinates E=(-)665.00 N=(-)923.00	00
İ	Field Test	Nos	Sam	ples		No	os I			ceme			: 13/	11/15	
	Penetrometer (SPT)	6	Undisturbe	ed (U	IDS)		\		•	tion				11/15	
	, , , , , , , , , , , , , , , , , , , ,	"	Penetrome	-		6	、▮▫			le Di Of G				mm. 709 m./NX	
	Cone (Pc)		Disturbed		, ,	5	_			Stru				709 III.7 NA	
	Vane (V)		 Water San	nple	(WS)		- 1			Wate				m.	
İ	DESCF	, DIDTION	\ \I	•	SYMB		•	N-	_VA	LUE				SAMPLES	
							EACH	l D	IVN.	. =	15c	m.	Ref. No	Depth (m)	
			17	'.00m									R14	17.25 CR=23% RQD=NIL 18.00	
						_							R15	CR=22% RQD=NIL 18.75	
													R16	CR=21% RQD=NIL 19.50	
													R17	CR=22% RQD=NIL ▼ 20.25	
	Highly weathered, li medium to fine gra												R18	CR=25% RQD=NIL V 21.00	
	rock.												R19	CR=22% RQD=NIL 21.75	5
													R20	CR=21% RQD=NIL 22.50	
•													R21	CR=24% RQD=NIL 23.25	5
													R22	CR=21% RQD=NIL 24.00	
			24	75m									R23	CR=22% RQD=13% 24.75	5
													R24	CR=27% RQD=13% 25.50	
	Highly weathered, li medium to fine gra					- <u> </u> 							R25	CR=28% RQD=17% V 26.25	5
	rock.				H	_							R26	CR=32% RQD=NIL 27.00	
			27	'.75m									R27	CR=30% RQD=20% 27.75	5
													R28	CR=24% RQD=NIL 28.50	
	Highly weathered, li medium to fine gra												R29	CR=22% RQD=NIL 29.25	5
	rock.		30).00m		<u> </u>							R30	CR=21% RQD=NIL 30.00	
													R31	CR=28% RQD=NIL 30.75	5
	Moderately weather												R32	CR=44% RQD=NIL 31.50	,
	medium yellowish g grained, highly to rock.					Ч							R33	CR=42% RQD=18% V 32.25	5
			スマ	3.00m									R34	CR=48% RQD=20% V 33.00	
	N.B. — '*' means be recovered.	sam												33.00	
l					1	 		ш						BH-1/Sheet-	 -2

_	Project : Geotech.	Inv. we													
ŀ	Job No : 3576I	A /TD A	'											Sheet No:	00
	BORE LOG DA	ATA			RE F	101								rdinates E=(-)701.0 N=(-)923.0	00
	Field Test	Nos	Sam	ples		No	SI				nent [n Do			1/15 1/15	
	Penetrometer (SPT)	6	Undisturbe	ed (U	DS)	0	- 1		•		Diam				
	Cone (Pc)		Penetrome	eter ((SPT)	6					Grou			886 m./NX	
			Disturbed	(DS)		5		Wate	er :	Str	uck	Αt	:		
Ľ	Vane (V)		Water San	nple	(WS)	0					iter L	evel			
	DESCF	RIPTION	٧		SYMB				-VA					SAMPLES	_
L						+	EAC	HD	IVN	. = T	= 15¢	m.	Ref. No	Depth (m)	_
			U).00m		77									
													DS-1	1.00	
										18			D3-1	1.00	
	Very stiff, b to greyish brown						6 8	3 10					SPT-1	1.50-1.95	
	sand mixure. Obs.												DS-2	2.50	
										25			D3-2	2.50	
							7 1	1 14					SPT-2	3.00-3.45	
			1	.00m									DS-3	4.00	
			 							45			DS-3	4.00	
							12 1	8 27					SPT-3	4.50-4.95	
													DS-4	5.50	
	Hard, brownish gre	ey to	greyish br	rown					l ⊿	100	2				
7	silty clay with Obs. calcareous nod	Ísar					28 4	.5 10 5.0		~ [⊃entn		SPT-4	6.00-6.35	
	Jbs. calcareous noa	uies.						5.0		''			DS-5	7.00	
							00			<u> 10</u> 0	I				
				3.00m			00	10.		cm fus	Pent al	n.	SPT-5 *SPT-6	7.50-7.60	
			U			-1		5.0	1 1		=- ⊃entr		R1	8.00-8.05 8.00 CR=25% RQD=NIL \	
														8.75	
	Highly weathered,	browr	nish grey,	fine			NX	rotar	y di	rillir	ng fro	m	R2	CR=22% RQD=NIL 9.50	
	to medium grained	rock.				$ \bot $	8	.00m	to	33	.00m		R3	CR=21% FOU	
						\mathcal{A}								10.25	
			1 1	.00m		\dashv							R4	CR=24% RQD=NIL 11.00	
				.oom									R5	CR=28% RQD=NIL V	
						Щ								11.75	
					$ \ \ $								R6	CR=23% RQD=NIL	
	Highly weathered,		nish grey,	fine	Щ								R7	12.50 CR=25% RQD=NIL V	
	to medium grained	rock.												13.25	
						Щ							R8	CR=30% RQD=NIL 14.00	
													R9	CR=32% RQD=NIL V	
\vdash			14	.75m		爿							.	14.75 CR=30%	
	Highly weathered,			fine									R10	RQD=NIL V 15.50	
	grained rock. Obs. o	dusty	spots.			Ш							R11	CR=35% RQD=NIL V	
\vdash			16	5.25m	 	\dashv							D4.0	16.25	
			17	'.00m									R12	CR=35% RQD=NIL 17.00	
			. , ,		Page	1			Ш			<u></u>		BH-2/Shee	

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	Project : Geotech.	Inv. wo	ork for Proj	o. 1 x	600M	₩ S'	TPP at	Sing	gareni	, Adila	abad, Telen	gana. CETEST	
	Job No : 3576I	\ m \	•				-				15/12/2015		
	BORE LOG DA		SHEET		RE I		100		ICS.			rdinates E=(-)701.000 N=(-)923.000	
	Field Test	Nos	Sam	ples		No	S I		etion			11/15	
	Penetrometer (SPT)	6	Undisturbe			0	00	re Ho	ole Di	amete		mm.	
	Cone (Pc)		Penetrome Disturbed		(SPT)	6			Of Gr			886 m./NX	
	Vane (V)		Water Sar		(WS)	5	'''		Strud Wate			m	
	DECO	L		прис		Ī	100		ALUE	LOVO		SAMPLES	
	DESCF	RIPTION	N 		SYMB		EACH	DIVN	l. =	15cm	. Ref. No	Depth (m)	
			17	7.00m							R13	CR=28% RQD=NIL	
											R14	17.75 CR=35% RQD=NIL 18.50	
						$\frac{1}{1}$					R15	CR=40% RQD=NIL 19,25	
						\perp					R16	CR=42% RQD=10% V 20.00	
											R17	CR=43% RQD=NIL V 20.75	
	Highly to moderately grey to blackish gre										R18	CR=33% RQD=NIL 21.50 CR=45%	
	grained rock					Щ					R19	RQD=NIL † 22.25	
•						-					R20	CR=44% RQD=NIL 23.00 CR=47%	+
						\perp					R21	RQD=NIL	
											R23	ŘQD=ŇĬĽ	
											R24	25.25 CR=50% RQD=NIL	
			26	6.00m		노					R25	26.00 CR=52% RQD=NIL V	
											R26	26.75 CR=43% RQD=NIL V	
											R27	27.50 CR=51% RQD=NIL 28.25	
											R28	CR=56% RQD=13% V 29.00	
	Moderately to sl brownish grey to bl to coarse grained ro	ackish									R29	CR=49% RQD=NIL V 29.75	
	to course gramea re	JCK									R30	CR=44% RQD=NIL V 30.50	
											R31	CR=56% RQD=NIL 31.25	
											R32	CR=55% RQD=NIL V 32.00	
			.3.3	3.00m							R33	CR=62% RQD=12% 33.00	
	N.B. — '*' means be recovered.	sam										33.33	
ļ					ı	1				1 1	Į.	BH-2/Sheet-2	

Project : Geotech. I	nv. wo										
Job No : 3576I	. m . k										Sheet No:
BORE LOG DA									<mark>Γ— Ο</mark> nt Date		rdinates
Field Test	Nos	Undisturbe	ples	DC)	Nos 0	Со	mpl	etion	Date	: 19/1	1/15
Penetrometer (SPT)	0	Penetrome	-	•	0	l			iamete: Fround		mm. / N.X. 462 m.
Cone (Pc)		Disturbed		0, 1,	9	ı			ck At		4 02 m.
Vane (V)		Water Sar	nple	(WS)	0	ı			er Leve		m.
DESCR	IPTION	١		SYMB				ALUE			SAMPLES
).00m		E/	CH	ועוט	I. = 	15cm.	Ref. No	Depth (m)
										DS-1	0.50
										DS-2	1.50
Light yellowish	grey	, silty c	lay.							DS-3	2.50
		-	-							DS-4	3.50
										DS-5	4.50
			. 50							DS-6	5.50
Brownish yello	ow,		5.50m nd.							DS-7 DS-8	6.50 7.50
		8	3.50m		Ц.,	.]]		DS-9	8.50 8.5 0
					N)		r	irilling 30.0	ı from Om	R1	CR=22% RQD=NIL 9.50
										R2	CR=20% RQD=NIL 10.50
Highly weathered !:	aht h	rownish vo	llow							R3	CR=21% RQD=10% 11.50
	Highly weathered, light b medium to fine grained, Tock.									R4	CR=22% RQD=NIL 12.5
										R5	CR=23% RQD=10% 13.50
					$\frac{1}{2}$					R6	CR=24% RQD=NIL 14.50
		15	5.50m							R7	CR=27% RQD=NIL 15.50

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Project : Geotech. l	inv. w											
Job No : 3576I	\ T' A	CHEET				•						E=(-)509.00
BORE LOG DA	Nos	Samı		RE H	Nos				nent			rdinates <u>N=(-)808.00</u> 1/15
		Undisturbe		267	0		•		n D			1/15
Penetrometer (SPT)	0	Penetrome			0				Diam			mm. / N.X.
Cone (Pc)		Disturbed			9		-		Grou uck			162 m.
Vane (V)		Water Sam		(WS)	0				iter L			m.
DESCR				SYMBO			1-/					SAMPLES
	KIP HOI			21MD(EA	CH [NAIC	. =	: 15	cm.	Ref. No	Depth (m)
		15.	.50m								R8 R9	CR=21% RQD=NIL 16.50 CR=20% RQD=NIL 17.50 CR=23%
Highly weathered, li medium to fine grai rock.											R10 R11	CR=23% RQD=NIL 18.50 CR=25% RQD=NIL 19.50
TUCK.			-								R12 R13	CR=22% RQD=NIL 20.50 CR=25% RQD=NIL 21.50
			-								R14	CR=24% RQD=NIL 22.50
		23	.50m								R15	CR=25% RQD=NIL 23.50
Moderately weathere											R16	CR=44% RQD=34% 24.50
rock.		25.	.50m		<u> </u>						R17	CR=40% RQD=NIL 25.50
			-		Ц						R18	CR=52% RQD=NIL 26.50
Moderately to sl	ightl	y weather	ed,								R19	CR=55% RQD=42% 27.50
brownish yellow, fine fractured rock.											R20	CR=65% RQD=14% 28.50
			ļ								R21	CR=70% RQD=NIL
		30.	.00m								R22	CR=72% 29;50 RQD=NIL 30!00

Project : Geotech. I	nv. w	ork for Proj	p. 1 x	600M	W SI	'PP	at Si	nga	reni,	Adila	bad, Telen	gana. CETEST
Job No : 3576I	. Т. A											Sheet No: rdinates E=(-)782.000 N=(-)973.000
BORE LOG DA	Nos		ples	נייין П	No					t Date		11/15 N=(-)973.000
		Undisturb	•	IDS)	0	\dashv \circ	•				: 15/1	
Penetrometer (SPT)	0	Penetrome	-	•	0					meter ound		mm. / N.X. 833 m.
Cone (Pc)		Disturbed			11	-				k At		333 111.
Vane (V)		Water Sar	nple	(WS)	O	S		<u> </u>		Level		
DESCR	RIPTIO	٧		SYMB		EACI			_UE	I 5 am	Ref. No	SAMPLES Depth (m)
		C).00m		(1/1/1/				Ī		DS-1	0.50
											DS-2	1.50
Brownish grey to	yell	owish bro	own,								DS-3	2.50 3.50
silty clay with	sar	na mixti	ure.								DS-5	4.50
											DS-6	5.50
											DS-7	6.50
			7.50m								DS-8	7.50
											DS-9	8.50
Light brownish y	ellow	, silty so	and.								DS-10	9.50
		11	.00m			NV F	otan,	dri	illing	from	DS-11	10.50 11.00
			.00111		<u></u>		1 F		30.0		R1	CR=25% RQD=NIL 11.75
											R2	CR=27% RQD=NIL 12.50 CR=30%
Highly weathered, li medium to fine grai rock											R3 R4	RQD=NIL † 13.25 CR=28%
											R5	ŘQD=ŇÍĽ
		1 5	5.50m								R6	14.75 CR=28% RQD=NIL 15.50
		10		2200	1	/26						BH-2/Sheet-

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	nv. w	ork for Prop								
Job No : 3576I BORE LOG DA	ጥለ	Created SHEET		Chan RE H		•			08/12/2015	Sheet No: rdinates E=(-)782.000 N=(-)973.000
Field Test	Nos		ples	17 11	Nos	1 000		t Date		1/15
Penetrometer (SPT)	0	Undisturbe	•	DS)	0	⊣ Co	•	Date meter		1/15 mm. / N.X.
Cone (Pc)		Penetrome	eter (SPT)	0	- 1		ound		333 m.
Vane (V)		Disturbed		(11/0)	11	''' \		k At		
varie (v)		Water Sar	nple	(WS)	$\frac{0}{1}$	Sta	nding N-VA	Level		m. SAMPLES
DESCR	RIPTION	١		SYMB		EACH		l5cm.		Depth (m)
		15	5.50m						R7	CR=23% → RQD=NIL ▼
									R8	16.25 CR=25% RQD=NIL
									R9	17.00 CR=27% RQD=NIL 17.75
					H				R10	CR=26% RQD=NIL 18.50
									R11	CR=24% RQD=NIL 19.25
									R12	CR=26% RQD=NIL 20.00
									R13	CR=25% RQD=NIL 20.75
•									R14	CR=28%
					<u> </u>				R15	RQD=NIL ↓ 22.25 CR=28%
Highly weathered, li medium to fine grai				<u> </u>	<u> </u>				R16	RQD=NIL
rock									R17	RQD=NIL † 23.75
									R18	CR=28% RQD=NIL 24.50 CR=33%
									R19	RQD=NIL
									R20	RQD=NiL
				<u> </u> 					R21	RQD=NIL † 26.75
									R22	CR=35% RQD=NIL 27.50 CR=31%
					\downarrow				R23	RQD=NIL V 28.25 CR=34%
									R24	RQD=NIL 29.00 CR=35%
									R25	RQD=NiL
		30).50m						R26	RQD=NiL
					<u> </u>	/260				BH-2/Sheet-2

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Project : Geotech.	Inv. w										<u>[25]</u>
Job No : 3576	DAT	Created by:							<u> </u>	, E=	35.000
BORE LOG) D	ORE			ement		T01 Co-o	0/2015	- <u>}197.00</u>
Field Test	Nos	Samples		Nos	1		tion D			1/2015	
Penetrometer (SPT)	0	Undisturbed (U		0	1				: 150		
Cone (Pc)		Penetrometer (DS)		10	1		of Grou			503 m.	
Vane (V)		Water Sample		0	1		Struck Water L			m	
2-22		•		<u> </u>		–VA				SAMPLES	
DESCI	RIPTION	N	SYMB						Ref. No	Depth ((m)
		0.00m									
									DS-1	0.50	
									DS-2	1.00	
Blackish grey silty											
nodules & sand in	mixtur	e.							DS-3	2.00	
										2.00	
		3.00m							DS-4	3.00	
		3.00m							DS-4	3.00	
									DS-5	4.00	
									DS-6	5.00	
									DS-7	6.00	
Greyish yellow claye	y silty	/ sand.									
, , ,	, ,								DS-8	7.00	
										7.00	
									DC 0	0.00	
									DS-9	8.00	
									DS-10	9.00	
				N	X rota 10.00	hy di	rilling fr 30.00r	om			
		10.00m		<u> </u>							10.0
Highly weathered, of fractured rock.	greyih	yellow, highly		Щ					R1	CR=28% RQD=NIL	ļ
Tractarea rock.		11.00m									11.0
			$ \bar{1}$						R2	CR=36% RQD=16%	ļ
				$\top \dagger$						NQU-10%	12.0
Highly to moderate				/ 					R3	CR=44%]
yellow, fine graine rock.	eu, ni	gniy fractured		H						RQD=NIL	17.
										OD-50%	13.0
			Щ						R4	CR=52% RQD=28%	↓
Highly weathered	d. are	———— 14.00m evish vellow.	\ 	$+ \overline{\parallel}$							14.0
medium to coarse gr									R5	CR=28% RQD=NIL	ļ
rock.		15.00m									15.0
			Dage	↑			-			BH-	1/Sheet

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	Project : Geotech.	inv. w	ork for Prop. 1	c 600M	₩ STI	P at Singa	reni, Adil	labad, Tele	ngana. C=	rest
	Job No : 3576		Created by:						Sheet N	
	BORE LOG	DAT	A SHEET	Bo	ORE	HOLE	NO.PM	1T01 C○-○	rdinates <mark>E=</mark> N=(-	35.000 -)197.000
Ì	Field Test	Nos	Samples	•	Nos	Commencer			0/2015	
ŀ	Penetrometer (SPT)	0	Undisturbed (U	DS)	0	Completi			1/2015	
			Penetrometer (-	0	Bore Hole Level Of			mm/NX. 503 m.	
	Cone (Pc)		Disturbed (DS)		10	Water St			JOJ 111.	
	Vane (V)		Water Sample	(WS)	0	Standing W			m.	
	DESCF	PIPTION	N.	SYMB		N-VALI	JE	,	SAMPLES	
								Ref. No	Depth (
	Highly weathered medium to coarse grock.		highly fractured					R6	CR=32% RQD=NIL	15.00
•			——— 16.00m					R7	CR=36% RQD=NIL	16.00
								R8	CR=36% RQD=NIL	18.00
	Highly weathered, grained, highly fract							R9	CR=32% RQD=NIL	19.00
								R10	CR=38% RQD=NIL	20.00
•	Highly to moderately	/ weat	20.50m					R11	CR=36% RQD=10%	21.00
	grey, fine grained rock.							R12	CR=44% RQD=NIL	22.00
								R13	CR=40% RQD=NIL	23.00
				- <u> </u> 	<u> </u>			R14	CR=32% RQD=NIL	24.00
	Highly to slightly yellow, medium thighly fractured rock	0 0						R15	CR=32% RQD=NIL	25.00
								R16	CR=62% RQD=32%	26.00
			27.00m					R17	CR=54% RQD=22%	27.00
								R18	CR=37% RQD=NIL	28.00
	Highly to moderately grey, fine grained rock.				-\-\- -\-\- 1\-\-			R19	CR=42% RQD=NIL	29.00
			30.00m					R20	CR=45% RQD=NIL	30.00
L				1	↑			1	BH-1	/Sheet-2

Project : Geotech.	Inv. w						_				Γ Ξ SΤ
Job No : 3576 BORE LOG	ת א ע <u>ו</u>	Created by:			•					, E=	276.000
	1		_ Б	ORE				nt Date	IT02 Co-o	1/2015	–}197.000
Field Test	Nos	Samples		Nos				Date		1/2015	
Penetrometer (SPT)	0	Undisturbed (U	-	0	l			ameter		mm/NX.	
Cone (Pc)		Penetrometer (DS)		0 12				round		346 m.	
Vane (V)		Water Sample		0				ck At r Level		m	
		•					ALUE	I LOVO		SAMPLES	
DESC	RIPTION	V	SYMB	OL					Ref. No	Depth	(m)
		0.00m									
									DS-1	0.50	
									DS-2	1.00	
									DS-3	2.00	
			1	7						2.00	
Light brownish gr	rev si	lty clav. Obs.	1						DC 4	7.00	
sand mixture.	-, 50								DS-4	3.00	
									DS-5	4.00	
				\\							
									DS-6	5.00	
		6.00m							DS-7	6.00	
									DS-8	7.00	
										,.50	
									DC 0		
Brownish grey silty	sand.								DS-9	8.00	
									DS-10	9.00	
				N)	rota 10.50	y q	Irilling o 30.	from			
					10150	111 1			DS-11	10.00)
		10.50m									10.5
									R1	CR=22% RQD=NIL	Ţ
Highly weathered,	browr	nish grey, fine								I VAD-MIF	11.50
grained, rock.				$\overline{}$					D 0	CR=24%	ı. .
		10.50		\angle					R2	RQD=NIL	10.5
		——— 12.50m	\ 	円						CR=35%	12.5
									R3	RQD=NIL	¥
Highly to moderatel		hered, brownish		Щ					R4	CR=50% RQD=NIL	13,5
grey, fine grained,	rock.										14.0
				\prod					R5	CR=37% RQD=NIL	↓
		15.00m		벛							15.0
		-	Page	105/	~~~					BH-	2/Sheet-

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	Project : Geotech.	Inv. w	ork for Prop. 1 3	600M	W STE	PP at S	inga	reni,	Adil	abad, Tele	ngana. C=	rest
	Job No : 3576		Created by:	CHA	NDRA							
	BORE LOG	DAT	A SHEET	BO	ORE	HOI	E	N0	.PM	[T02 Co-o	rdinates E=2 N=(-	276.000 -)197.000
	Field Test	Nos	Samples		Nos	Comme					1/2015	
	Penetrometer (SPT)	0	Undisturbed (U	DS)	0	Comp Bore I					1/2015 mm/NX.	
	Cone (Pc)		Penetrometer (SPT)	0	Level					346 m.	
			Disturbed (DS)		12	Water						
	Vane (V)		Water Sample	(WS)	0	Standi			Level			
	DESCF	RIPTION	N	SYMB	OL -	N-	VAL	UE		Ref. No	SAMPLES Depth ((m)
			15.00m						П	11011 110		15.00
				╟──┴┴ ┃ ┃┃	 					R6	CR=40% RQD=NIL	7`
					 							16.00
				$\parallel \parallel \parallel \parallel$	<u> </u>					R7	CR=39%	1
	Highly to moderately	/ weat	hered, brownish	بللإ	Ц						RQD=NIL	17.00
	grey, fine grained, r	rock.			Щ					R8	CR=38% RQD=NIL	17.00
										KO	RQD=NIL	18.00
										5.0	CR=35%	18.00
				┟┦┯┖┯┖	 					R9	RQD=NIL	,
			19.00m		7						CR=39%	19.00
				<u> </u>	귀					R10	RQD=NIL	†
				┞┼┞	Щ						OD-70%	20.00
-					Щ					R11	CR=36% RQD=24%	
												21.00
										R12	CR=NIL RQD=NIL	↓
				 	ŢŢ					DS-12		22.00
				<u> </u>	 					R13	CR=30% RQD=NIL	↓
				┟ ╎ ┼┼┼							1145 1112	23.00
				╟┸┼	<mark>뭐</mark>					R14	CR=40% RQD=NIL	1
				<u> </u>	ᆛ						RQD=NIL	24.00
	Highly to moderately				Щ					R15	CR=26%	1
	grey, medium to c	oarse	grained, rock.								RQD=NIL	V 25.00
										R16	CR=27%	23.00
					\top					KIO	ŘQD≡ŇĬĽ	† 26.00
				╟──┴┴ ┃ ┃┃	 						CR=30%	26.00
				<u> </u>	 					R17	RQD=NIL	.
				╟┼┼	┦						00 700/	27.00
				μ	Щ					R18	CR=36% RQD=NIL	
											OD 4004	28.00
										R19	CR=48% RQD=NIL	
					Ţ]							29.00
				┟┼┼┼						R20	CR=56% RQD=45%	↓
			30.00m	}- }-	4							30.00
)200	†						BH-2	2/Sheet-2

Project : Geotech.	Inv. w	ork for Pro	р. 1 х	600M	W Si	TPP 8	at S	ingare	eni, Adila	abad, Telei	ngana. CETES
Job No : 3576		Created	by:	Chai	ndra	ani	Cr	eated	on:	07/12/201	Sheet No:
BORE LOG D	ATA	SHEET	BC	RE	HO	LE	N	0. C	CST-0	1 Co-	ordinates E=77.00 N=(-)217.00
Field Test	Nos	San	nples		No	SI			nent Dat		10/15
Penetrometer (SPT)	18	Undisturb	ed (U	DS)	2	- 1		•	on Date		10/15
	10	Penetrom	· ·	-	18	、 I P			Diamete Ground		mm. / N.X. .648 m.
Cone (Pc)		Disturbed	(DS)		20	.			ruck At		.040 111.
Vane (V)		Water Sa	mple	(WS)	0				ater Leve) m.
DESC	RIPTION	\ \		SYME	201	•	N-	-VALU	JE		SAMPLES
DL3C	INIT HOI					EACH	l D	IVN. :	= 15cm	. Ref. No	Depth (m)
		(0.00m								
										DS-1	0.50
						_ _	7	<u>15</u>		CDT 4	1 00 1 15
Stiff to very sti	ff h	lackish d	arev		``\	5 8	'			SPT-1 DS-2	1.00-1.45 1.60
silty clay with trace										53-2	1.00
										UDS-1	2.00-2.45
					\\			17		DS-3	2.60
						5 8	9			SPT-2	3.00-3.45
		,	3.60m	1	$\frac{1}{1}$					DS-4	3.60
				111	``\					*UDS-2	4.00-4.45
	rey, s	ilty clay	with	1						DS-5	4.60
ard, blackish grey, silty and mixture.								<u>80</u>			
			- 00			18 35	45			SPT-3	5.00-5.45
			5.60m					87		DS-6	5.60
					: 2	27 39	48			SPT-4	6.00-6.45
										DS-7	6.60
						32 35	42	77		SPT-5	7.00-7.45
							-			DS-8	7.70
					:: -	35 48	50	<u> 10</u>	<u> </u>	SPT-6	8.00-8.35
							5.0	cm	Pentn.	DS-9	8.60
						40 50		<u> </u>	<u> </u>		
Very dense, yello sand / sandy silt.			silty		:: ²	42 50	10.	0 cm	Pentin.	SPT-7 DS-10	9.00-9.25 9.50
Jana / Janay Juli	350. r	.armaro.						×10			
					:: 3	38 50	5.0		Pentn.	SPT-8	10.00-10.20
							υ.U	cm >10		DS-11	10.50
						35 50		T		SPT-9	11.00-11.20
							5.0		Pehtn.	DS-12	11.50
						42 50		<u>210</u>	□	SPT-10	12.00-12.18
							3.0		Pentn.	DS-13	12.50
		1	3.00m		Щ	50		Refus	<u>lal</u>		13.00-13.07 13. 0
							7.d	cm	Pentn.	R1	CR=35% RQD=NIL
Highly weathere medium grained, h				┟┵┼┼	丗						13,7
meatain grainea, n	itgiliy			لبلإ	ıЩ				ng from	R2	CR=39% RQD=NIL
Completely weather	ed. ful	lly decom	4.50m		\dashv	13	100	n to 3	0.00m		14.5
& disintegrated roo					<u>H</u>			<u>>10</u>	<u> </u>	R3 DS-14	RQD=NIL
as sludge.		1	5.50m			50	10.	0 km	Pentn.	SPT-12	15.25 – 15.3515.2
				•	1					•	BH-1/Shee

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ſ	Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.											
	Job No : 3576		_					_		07/12/2015		:
	BORE LOG DA	ATA	SHEET	BC	RE	HOL			CST-0		rathates N=(-)	7.000 217.000
	Field Test	Nos	Sam		Nos			ment Date on Date		0/15 0/15		
	Penetrometer (SPT)	18	Undisturbed (L		DS)	2		•	Diameter			
	Cone (Pc)	Disturbed (DS)			(SPT)	18	Level Of Ground					
	Vane (V)			(1410)	20			truck At				
	valle (v)	nple	(WS)	0		ing V -VAL	Vater Level	1	<u>m.</u> SAMPLES			
	DESCRIPTION									Ref. No	Depth (r	m)
			15	.50m		.					CR=NIL	7
						<u></u>		<u> </u>	<u> </u>	R4 DS-15 SPT-13	RQD=NIL 16.00-16.12	216,00
	Completely weather	ad ful	lly doomn	sood				0 cn <u>>1(</u>	Pentin.	R5 DS-16 SPT-14	CR=NIL RQD=NIL	↓
	& disintegrated roc					52	8.Q		Pentn.		16.75-16.83 CR=NIL	316.75
	as sludge.					 51	6.4	<u> </u>	00	R6 DS-17 SPT-15	RQD∺ÑIL 17.50−17.59	17 50
									Pentn.	R7 DS-18	CR=NIL RQD=NIL	
			18	.25m	\Box	7 53		Refu		*SPT-16	18.25-18.32	218,25
					H	띡	7.d	cm	Pehtn.	R8	CR=29% RQD=NIL	1000
									R9	R9 CR=34%	19:00	
											RQD=NIL	19.75
				┞┺┹┸					R10	CR=40% RQD=NIL	↓	
				<u> </u>				D1.4	CR=36%	20.50		
→	Highly weathered, light yellowish grey, medium grained, highly fractured					Ш				R11	RQD=NIL	21.25
										R12	CR=32% RQD=19%	
	rock.				\exists						22.00	
										R13	RQD=NIL	2275
									R14	CR=40%	22:75	
												23.50
				┞┞	Щ				R15	CR=36% RQD=NIL	. ↓	
									R16	CR=32%	24:25	
			25	.00m		Щ.				K I O	RQD=NIL	25.00
	Completely weather	ed, fu				_		<u> </u>	<u>do</u>	R17 DS-19	CR=NIL RQD=NIL	↓
	& disintegrated					 450				SPI-1/	25.75-25.83	1 1
	sludge.		26	.50m		52	8.0	Refu	Pehtn. sal	R18 DS-20 *SBT-18	CR=NIL RQD=NIL 26.50-26.57	726 50
		20.3011			1 T	32	7.d		Pentn.	R19	CR=34% RQD=NIL	
						\dashv						27.25
						Щ.				R20	CR=40% RQD=NIL	
	Highly weathered								B04	CR=36%	28:00	
	medium grained, h	muctured f	tracturea rock.		\prod				R21	RQD=NIL	28.75	
					Щ				R22	CR=32% RQD=NIL	↓	
								R23	CR=38%	29 50		
			30	.00m						1,25	RQD=NIL	30.00
	N.B. — '*' means	sam	ple could	not								
	be recovered.											
						1					BH-1/	∕Sheet-2

Project: Geotech. Inv. work for Prop. 1 x 600MW STPP at Singareni, Adilabad, Telengana.													
Job No : 3576			Ť								7/12/2015		
BORE LOG DA	ATA	SHEET	BC	RE	HOL	E	N(). (CSI	-0	2 Co-o	rdinates E=77.000 N=(-)177.000	
Field Test	Field Test Nos Samples				Nos	1	Commencement Date : 14/10/15						
Penetrometer (SPT)				IDS)	2	1	•			Date			
	9	Penetrome			9	1				meter ound		mm. / N.X.	
Cone (Pc)		Disturbed		,	10	1							
Vane (V)		 Water San	nple	(WS)	0	Water Struck At Standing Water Level							
DECO	Water Sample					·		-VAL			SAMPLES		
DESCF	RIPTIOI	V		SYME	E/	4CH	CH DIVN. = 15cm.				Ref. No Depth (m)		
		0	.00m										
				1,1							DS-1	0.50	
					``\			<u>6</u>					
					`\\2	2	4				SPT-1	1.00-1.45	
Medium to stiff, I	blacki	ish grey, s	silty										
clay. Obs. kankars.											UDS-1	2.00-2.45	
								1, -			DS-2	2.75	
				1	4	6	9	15	4		SPT-2	3.00-3.45	
	.60m		\\ T:::1						DS-3	3.75			
											UDS-2	4.00-4.35	
										4.00-4.55			
								<u> 10</u>	<u> </u>		DS-4 SPT-3	4.75 5.00-5.10	
				:::	50	Ί	10.0) cm	√ Pŧ	Pentn.	351-3	3.00-3.10	
							<u> 10</u>	<u> </u>		DS-5	5.75		
				51		110	0 cm	n Pent	nth	SPT-4	6.00-6.11		
							100		DS-6	6.75			
Very dense, whitis			32	51		1			SPT-5	7.00-7.25			
grey, medium to c	to coarse	e grained sa	ana.				10		1 1	entin.	DC 7	7.75	
				:::	::: ::: ₃ ⊿	 - 50		<u> </u>	<u> </u>		DS-7 SPT-6	7.75 8.00-8.26	
							11.0) km	√ Pe	entn.	31 1 0	0.00 0.20	
					50			 1 0	<u> </u>	entn.	DS-8	8.75	
				:::	1::: 50	Ί	12.0) ¢m	n Pe		SPT-7	9.00-9.12	
								<u> 10</u>	<u>oo</u>		DS-9	9.80	
					50		8.d	cm	Pent	tn	SPT-8	10.00-10.08	
							٥.٩	<u>>100</u>					
Completely weath	ered.	light grey	.00m		5C						*SPT-9	11.00-11.0911.00	
brown, fully decom		rock colle	cted		-		9.d	cm	Per	ntn.	R1	CR=NIL RQD=NIL	
as sludge.		11	.75m		=						R2	11.75 CR=21%	
						↓ (re	tarv	drill	 ina	fram	πZ	RQD=NIL	
							ır	1 10	1 - 1		R3	CR=21% RQD=NIL	
Highly to moderately weathered, light brownish grey, fine grained, highly												13,25	
fractured rock.											R4	CR=25% RQD=NIL	
					_						DE	14.00 CR=22%	
III ala la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la constitución de la co	11	1 1. 1. 1.1	75~								R5	RQD=NIL 14.75	
Highly to moderately brownish grey, fine	weathe graine	rea, light 14 ed, highly	. / 5111		ᅢ						R6	CR=28%	
fractured rock.			.50m	Щ.	Щ							RQD=NIL	
					1							BH-2/Sheet-1	

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ſ	Project : Geotech.	Inv. w	ork for Prop	. 1 x	600M	↓ W STPI	P at.	Singa	reni. A	dilab	oad. Teleng	rana. C=1	= 5T
	Job No : 3576		_									Sheet No	
	BORE LOG D	ATA	SHEET	BC	RE	HOL	E N	10.	CST-	-02	Co-or	dinates E=7 N=(-	77.000 -)177.000
	Field Test	Nos	Sam	ples		Nos			ement [•		
•	Penetrometer (SPT)	Undisturbed (UDS)			2	Completion Date : 17/10/ Bore Hole Diameter : 150 mi					0/13 mm. / Ν.>	ζ.	
	Cone (Pc)		Penetrome		SPT)	9 10	Level Of Ground						
	Vane (V)		Disturbed (DS) Water Sample (WS)					Struck Water L					
ŀ	Water							v−VAl			· 3.33		
	DESCRIPTION			SYMB			СН	DIVN.	= 150	m.	Ref. No	Depth (m)
		15	.50m							R7	CR=27% RQD=NIL	}	
										R8	CR=23% RQD=NIL	16.25	
				igert igert igert					R9	CR=22% RQD=NIL	17.00		
					_					R10	CR=29% RQD=NIL	17.75	
										R11	CR=33% RQD=NIL	18.50	
										R12	CR=36% RQD=NIL	19.25	
										R13	CR=38% RQD=NIL	20.75	
→										R14	CR=33% RQD=NIL	21.50	
										R15	CR=39% RQD=NIL	22.25	
	Highly to moderat brownish grey, fi fractured rock.									R16	CR=35% RQD=13%	23.00	
	ridetared rock.									R17	CR=39% RQD=NIL	23.75	
									R18	CR=38% RQD=15%			
					Щ					R19	CR=37% RQD=NIL	25.25	
				4					R20	CR=35% RQD=NIL	26.00		
									R21	CR=39% RQD=17%	1 1		
					_					R22	CR=35% RQD=15%	27,50	
										R23	CR=38% RQD=16%	28.25	
			30.00m							R24	CR=44% RQD=NIL		
		30								R25	CR=49% RQD=17%	29.50 30.00	
	N.B. — '*' means be recovered.	sam											
Ĺ						1				Щ		BH-2	∕Sheet-2