REPORT ON GEOPHYSICAL WELL LOGGING

GRAM PANCHAYAT- THERA, BLOCK- IGLAS, DISTT- ALIGARH
UNDER
JAL ITVAN MISSION

Introduction:

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Aligarh.

On the request of M/S PNC-SPML-JV, Aligarh, a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 28.May.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 14.52 Ohms.

Drilling Water Resistivity = 15.60 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Fine sand	
3.	10 - 13	3	Clay kankar	
4.	13 - 28	15	Fine to Medium sand	Medium
5. /	28 - 34	6	Clay kankar	A CONTRACTOR OF THE PROPERTY O
6/	34 - 42	8	Medium sand	Medium
/1/	/42 - 54	12 /	Clay kankar	
8	5.54 - 60*	65	Fine to Medium sand	Med to Marginally
9	60 - 67	7	Clay kankar	
10.	67 - 75	8	Sand & kankar	Med to Marginally
11. / 1	75 - 85	10	Clay kankar	
12	85 - 100*	15	Medium sand	Med to Marginally

30/0/23

Ground Water Survey Consultancy
Agra

Logging performed as per swim guidlines Croundwater quality enterprited by ferman per their logger G.P.: Takira,

Block: 7968

Required: \$250 LPM \$30

District : Aligant

300mm dia Plain Pipe	. 54
200mm dia Plain Pipe	75
200mm dia Slotted Pipe :	24
	Teompi

34-42 - 08 mh rtm20 ← 03 -22 4m21 = 001-28

6.00	0.20
600	
600	
600	
6.00	
6.00	35.50
6.00	41.50
8.00	
3.00	
600	26.20
3.00	23.50
600	
6.00	
6.00	
2.00	
6.00	85.50
16.00	
6.00	27.50
6.00	153.50 1

300mm dia Plain Pipe 15 50 1 78 300X200 mm Reducer

200mm dia Plain Pipe : 83.50 mtr 21.00 mh 200mm dia Slotted Pipe:

Total

20400 mb









Sysper V Committee								
PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH								
REQUEST FOR INSPECTION (RFI)								
Format No: JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date: 27/05/23								
Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022								
Location of Work								
DISTRICT: ALIGARH BLOCK: IGAS SCHEME: TEARA								
Following civil items are ready for inspection : Date :								
SBC Tube Well Excavation PCC RCC								
Driling Logging Lowering OP Unit Column								
Shuttering Brick Work Plaster Work Painting Stand Post								
Rising Main Backfilling M.S. Wicket Gate/ Window Interlocking Tile								
HDPE Pipeline Others								
Following Mechanical, Electrical, C&I items are ready for inspection: Date:								
Instrumentation Welding Valves Chain Pully DG Set								
Pump Set Stabilizer Pannel Sloar Chlorinating Plant								
Lighting EMF Meter Level / Pressure Transmitter RTU								
Earthing cable Starter Piping- DI () HDPE () MS () MDPE () Others								
Work Description:								
Rig machine Instlation and deilling work								
On Date : Time : 10:00AM								
Submitted By RAMANAN Date: Time 10.00 AM Sign								
TPI (Aarvee)								
Recieved By MOHO ASIM Date Time Sign M. Com.								
Comments:								
•								
Civil Department E&M', I/C Department								
NAME: APPROVED NAME: APPROVED								
DESIG: APPROVED AS NOTED APPROVED AS NOTED								
SIGN: REJECTED SIGN: REJECTED								



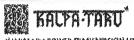






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Pump Set Stabilizer Pannel Sloar Chlorinating Plant									
Lighting EMF Meter Level / Pressure Transmitter RTU									
Earthing cable Starter Piping- DI () HDPE () MS () MDPE () Others									
Work Description:									
Electro logging world.									
On Date : Time : 10:00AM									
Submitted By RAM ANA Date: Time 10.00 AM Sign									
TPI (Agree)									
Recleved By MOHD AS/M Date Time Sign M 1 1800 1									
Comments:									

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Civil Department E&M', I/C Department									
NAME: APPROVED NAME: APPROVED									
DESIG: APPROVED AS NOTED APPROVED AS NOTED									
SIGN: REJECTED SIGN: REJECTED									









KAIPAIARU POWER INANSWISHU SWISH UILE PAGGER
PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH
REQUEST FOR INSPECTION (RFI)
Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date : 36 05 23
Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022
Location of Work
DISTRICT: ALIGARH BLOCK: IG (45 SCHEME: TEHERH
Following civil items are ready for inspection : Date :
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Driling Logging Lowering OP Unit Column
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Lighting EMF Meter Level / Pressure Transmitter RTU
Earthing cable Starter Piping- DI () HDPE () MS () MDPE () Others
Work Description:
Tubwell lowering work
Daile depth > 10
LPM -> SDO ASSEMBLY 1/20- 200×200
On Date: 3 9 05 9 3 Time: 10:00AM
Submitted By RAMANAND Date: Time 10.00 AM Sign Concord
TPI (Aarvee)
Recleved By Jechnobra Sigh Date Time Sign Jeethership
Comments:
A
Civil Department E&M', i/C Department
NAME: APPROVED NAME: APPROVED
DESIG: APPROVED AS NOTED APPROVED AS NOTED NOTED
SIGN: REJECTED SIGN:



architects engineers & consultants put lited





KALPATARU POWER TRANSMISSION LIMITED

PARTON REGISTERS	DEFENDANCE FAIR			रक्षेत्र व्यक्तिक		
District:- Ali	igarh		PIPE ASSEMBLY AND LOWERING			
Rig No/ Typ			Block: IGLAS	Scheme:	TAHERA	
				Size of Bore	2:-	
Under:- JJM Contractor:-		Assembly	size:-	Required LPM:-	530	
Contractor.	CHART		DIDE LEMETH			
AGL			PIPE LENGTH		MBLY DETAILS	
	0.5	B	Pipe No. =	DPR Drilling Depth:-	27/05/23	
11	1111	111	Dim - Al -	Logging Started Date	36 lail 9 2	
			Pipe No. =	Logging Completed D	ate:-96/4/0)	
	1 5.40	ارد	Pipe No. = 1940	Lowering Started Da	te:- 31/05/27	
	5.40	1		Lowering Completed	Date :-31/05/23	
	6.0		Pipe No. = 18"	Housing Pipe Φ :-	MM M	
	0 0	-		Above AGL Φ :-	MM M	
	6.01		Pipe No. = 17th	Plain Pipe Φ :- 🤾 O ρ	MM 83.03 M	
	Λ		Pipe No. = 16th	Slotted Pipe Φ :- 20	OMM 2/ M	
	6.0		Pipe No. = (6	Lowered Assembly:-	103-5 M :-103-5+0-52 M	
	10		Pipe No. = 15th	Actual Drilling Depth:		
	6.0			MS H Frame:- 50		
	6.0	26 6	Pipe No. = (Y	MS Ring:- 18 h		
	1 1 1			MS Reducer:-	1001111	
Slotte	LXO	41.0	Pipe No. = \S	MS Bail Plug:-	nos Roomn	
CONCOURS.		1.31		0.000.00	us 200mm	
	6.0		Pipe No. = 12th	MS Well Cap:-	nos 200 mm	
		1	Pipe No. = (("*)"	Centre Guide:- 2	nos Roomm	
	3.0		Pipe No. = ((
	6.0	1500	Pipe No. = 10th			
	, ,	56.5				
Bettols	3.01	59.50	Pipe No. = 9th			
Da		0 1.20			•	
	6.0		Pipe No. =			
	10	1				
	6.0		Pipe No. = 7th			
	6.0		Pipe No. = 6			
	6.0					
	2.0		Pipe No. = 5			
ł	4					
1	6.0	85.50	Pipe No. = 4th			
latted	111		Pipe No. = 3	-		
roman	10.0		Pipe No. =)			
(otte)	XX	071	Pipe No. = 2 nd			
COLLEGI	100					
Bail Plug	6.0	103.5	Pipe No. = 🌂 ^{3†}			
P	1		Jeile	rdig		
Contrac	rei h 0		V	Di		
Represent	tative			Pi	Client	
Representative			ĸepres	entative	Representative	