REPORT ON GEOPHYSICAL WELL LOGGING

GRAM PANCHAYAT- KARAS, BLOCK- IGLAS, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 mtrs. at above site. Was drilled by M/S Kalpataru Power Transmission limited, Aligarh.

On the request of M/S Kalpataru Power Transmission limited, Aligarh.a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 08.Jun.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 = 13.55 Ohms.

Drilling Water Resistivity = 14.58 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5		Surface soil	Quanty
2.	5 - 12	7	Dry sand	
3/	12 - 20	8	Clay kankar	
A	20 - 35*	15	Fine to Medium sand	Medium
5.	35 - 45	10	Clay kankar	171CGIUII
6.	45 - 50	5	Fine sand	Marginally saling
7.	50 - 60	10	Clay kankar	was Smarry Saling
8.	60 - 65	15	Fine to Medium sand	saline
9.	65 - 70	5	Clay kankar	Service Commence
10.	70 - 80	. 10	Sand & kankar	saline
11.	80 - 120	10	Clay kankar	201111G

Ground Water Survey Consultancy
Agra

- Loggery performed on per SWSM quidlines - Croundwater quality winterprited by firm as per their bogger callibration









KALPATARU POWER TRANSAUSSION LIMITED

PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL						
District:- Aligarh			Block:- I (n/AS			
Rig No/ Type	e DC:-			Size of Bore:-		
Under:- JJM	Indon 184					
Contractor:- KPTL Required LPM:- 720						
	CHART		PIPE LENGTH	ASSEMBLY DETAILS		
AGL			Pipe No. =	Drilling Started Date:- (28/6/2)		
		-		DPR Drilling Depth:- 1707		
			Pipe No. =	Logging Started Date:- 10/6/タン		
				Logging Completed Date:- 10/6/23		
			Pipe No. =	Lowering Started Date :- 12/06/23		
		1		Lowering Completed Date :- 12 6 6 1 2 3		
			Pipe No. =	Housing Pipe Φ:- MM M Above AGL Φ:- MM M		
		1				
			Pipe No. =	Slotted Pipe Φ :- 200 MM 30 M		
		1	Pipe No. =	Lowered Assembly:- 44.50 M		
			Fipe No. =	Total Assembly+ AGL :- 4450+05 M		
			Pipe No. =	Actual Drilling Depth:- 20 M		
		-		MS H Frame:- Ø J		
			Pipe No. =	MS Ring:- 08		
		1		MS Reducer:		
			Pipe No. =	MS Bail Plug:- () MS Clamp:- ()		
				MS Well Cap:-0 J		
			Pipe No. =	Centre Guide:- 02		
	0.50		Pipe No. =			
70	111	5	Pipe No. =			
			Pipe No. = 0 9 5 6,00	П		
			Pipe No. = 03 = 6.00			
			Pipe No. =67 ₹ 2.50			
		20.0	Pipe No. = 06 = 6.00			
scotted	114	,	Pipe No. =05 = 6.00			
scotted	1113		Pipe No. = 6 4 < 3 , 6 0			
scott of	1113	35.0	Pipe No. = 03 < 6.00			
			Pipe No. = 0 2 < 3.50			
Bail Plug		44-50	Pipe No. = <i>(</i> < 6 - 0			
languard M. Doni.						
Contractor			TP	Client		
Representative			Representa			

G.P.: Karos

Block : Iglas

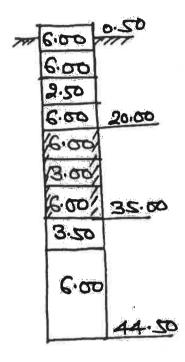
Required: 720 LIM

District : Alyorh

48 300mm dia Plain Pipe 32 200mm dia Plain Pipe 30 200mm dia Slotted Pipe: 11omh

Streta:-

20-35 -> 15mh



नोर > D coment sealing करानी होगी।

2) पर्मादी shok जादी न होने के कारण 300 x 200 mm हो थे।
के नक्क्य के स्वाम पर 200 x 200 mm हो थे का। नक्क्य कि करामा अमी इनित होगा। नक्क्य हे हैं उठा mm हो थे की।

Bore अनामा अमी होगी।

300mm dia Plain Pipe : X 300X200 mm Reducer ×

200mm dia Plain Pipe : 30.00 MK 200mm dia Slotted Pipe: 15.00 MI

Total



SIGN:







REJECTED

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH REQUEST FOR INSPECTION (RFI) RFI no: Format No : JJM/ALIGARH/KPTL/01 Date: 1/ JJM/ALIGARH/KPTL/ Contractor Name: Kalpataru Power LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022 Transmission Limited. Location of Work KARAS IGIAS **ALIGARH** BLOCK : SCHEME: DISTRICT: Following civil items are ready for inspection: Date: Tube Well PCC RCC Excavation **OP Unit** Driling Lowering Column Logging **Brick Work Plaster Work** Stand Post Shuttering **Painting** Rising Main Backfilling M.S. Wicket Gate/ Window interlocking Tile **HDPE** Pipeline Others Following Mechanical, Electrical, C&I items are ready for inspection: Date: Welding Valves DG Set Instrumentation Chain Pully Stabilizer Pannel Sloar **Chlorinating Plant** Pump Set **EMF Meter** Level / Pressure Transmitter RTU Lighting Earthing cable Starter Piping- DI () HDPE () MS () MDPE () Others Work Description : Tubewell Time: 10:00AM On Date : Submitted By Date: Time 10.00 AM Sign TPI (Aarvee) Recieved By MOHI Date Time Sign Comments: **Civil Department** E&M', I/C Department NAME : **APPROVED** NAME: APPROVED APPROVED AS APPROVED AS DESIG: DESIG: NOTED NOTED

REJECTED

SIGN: