



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date : 14/05/2023
Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: LODHA SCHEME: MAHA KHEDA

Following civil items are ready for inspection : Date :
SBC [] Tube Well [] Excavation [] PCC [] RCC []
Drilling [] 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 :
Tubewell ms pipe lowering work.
Drill depth -> 110 mtr.
LPM -> 430 Assembly size -> 200 x 200 mm

On Date : Time : 10:00AM

Submitted By: [Signature] Date: Time 10.00 AM Sign: [Signature]

TPI (Aarvee)

Recieved By: [Signature] Date: Time Sign: [Signature]

Comments :

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

G.P. → Mahua Khura
 Block - Lodha Distt. Aligarh
 Required → 430 LPM

82
 18
 100 m
 5 h

26-51 → 25 m
 59-67 → 08 m
 78-86 → 08 m

6.00	0.50
6.00	
6.00	
6.00	
6.00	
3.00	
6.00	38.50
6.00	
6.00	50.50
6.00	
3.00	59.50
6.00	65.50
6.00	
2.00	
6.00	79.50
6.00	85.50
6.00	91.50

200 mm dia plain pipe → 68.00 m
 200 mm dia steel pipe → 24.00 m
 Total → 92.00 m

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MAUA KHEDA, BLOCK- LODHA, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 in the above bore hole using IGIS Well Logger on 12.May.2023.

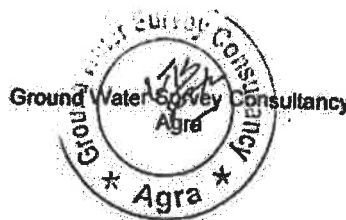
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 13.67 Ohms.

Drilling Water Resistivity = 14.23 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 - 20	15	Clay kankar & Dry sand	
3.	20 - 23	3	Fine sand	
4.	23 - 26	3	Clay kankar	
5.	26 - 51*	25	Medium sand	Medium
6.	51 - 59	8	Clay kankar	
7.	59 - 67*	8	Fine to Medium sand	Med to Marginally
8.	67 - 78	11	Clay kankar	
9.	78 - 86	8	Sand & kankar	Med to Marginally
10.	86 - 110	24	Clay kankar	



- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration log
13/05/23



KALPA-TARU

KALPA TARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants Pvt. Ltd



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh

Block:- **LODHA**

Scheme:- **MAHA KHEPA**

Rig No/ Type DC:-

Size of Bore:-

Under:- JJM

Assembly Size:- **200x200mm**

Required LPM:- **430**

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.96M	Pipe No. =	Drilling Started Date:- 10/05/23
7.11	1.11	Pipe No. =	DPR Drilling Depth:- 110MTR.
		Pipe No. =	Logging Started Date:- 13/05/23
		Pipe No. =	Logging Completed Date:- 19/05/23
		Pipe No. =	Lowering Started Date :- 14/5/23
		Pipe No. =	Lowering Completed Date :- 14/5/23
		Pipe No. =	Housing Pipe Ø :- MM M
		Pipe No. =	Above AGL Ø :- MM M
	5.04	Pipe No. = 17 th	Plain Pipe Ø :- 200 MM 68.86 M
	6.13	Pipe No. = 16 th	Slotted Pipe Ø : 200 MM 24 M
	6.06	Pipe No. = 15 th	Lowered Assembly:- 91.9+0.96 M
	6.07	Pipe No. = 14 th	Total Assembly+ AGL :- 91.9+0.96 M
	6.08	Pipe No. = 13 th	Actual Drilling Depth:- 110 M
	3.04	Pipe No. = 12 th	MS H Frame:- 500MM X 500MM
	6.08	Pipe No. = 11 th	MS Ring:- 200MM 1
	LCM 6.00	Pipe No. = 10 th	MS Reducer:-
	LCM 6.00	Pipe No. = 9 th	MS Ball Plug:- 200MM 1
	6.00	Pipe No. = 8 th	MS Clamp:- 200MM 1
	3.00	Pipe No. = 7 th	MS Well Cap:- 200MM 1
	LCM 6.00	Pipe No. = 6 th	Centre Guide:- 200MM 3
	6.00	Pipe No. = 5 th	
	2.00	Pipe No. = 4 th	
	6.00	Pipe No. = 3 RD	
	LCM 6.00	Pipe No. = 2 ND	
	Bail Plug 6.40	Pipe No. = 1 ST	

Sanand
Contractor
Representative

TP *Anil*
Representative

Client
Representative