



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

vaarvee associates
architects engineers & consultants Pvt. Ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Allgarh

Block:- **TAPRAL**

Scheme: **SHAH-NAGAR SARUA**

Rig No/ Type DC:-

Size of Bore:- **500mm Ø**

Under:- JJM

Assembly Size:- **200mm x 200mm**

Required LPM:- **370**

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 20-9-2023 DPR Drilling Depth:- 110m
		Pipe No. =	Logging Started Date:- 22-09-2023 Logging Completed Date:- 22-09-2023
		Pipe No. =	Lowering Started Date :- 24-09-2023 Lowering Completed Date :-
		Pipe No. =	Housing Pipe Ø :- MM M Above AGL Ø :- MM M
		Pipe No. =	Plain Pipe Ø :- 200 MM 39 M Slotted Pipe Ø :- 200 MM 07 M
	0.50	Pipe No. =	Lowered Assembly:- 45.50 M Total Assembly+ AGL :- 45.50+0.50M
		Pipe No. =	Actual Drilling Depth:- 115 M
		Pipe No. =	MS H Frame:- 01 300 mm
		Pipe No. =	MS Ring:- 11 200 mm
		Pipe No. =	MS Reducer:-
		Pipe No. =	MS Ball Plug:- 01 200 mm
		Pipe No. =	MS Clamp:- 01 200 mm
		Pipe No. = 12th 6.0 m	MS Well Cap:- 01 200 mm
		Pipe No. = 11th 6.0 m	Centre Guide:- 02 200 mm
		Pipe No. = 10th 6.0 m	
		Pipe No. = 9th 0.50 m	
		Pipe No. = 8th 6.0 m	
		Pipe No. = 7th 6.0 m	
		Pipe No. = 6th 2.0 m	
		Pipe No. = 5th 2.0 m	
		Pipe No. = 4th 2.0 m	
		Pipe No. = 3rd 1.0 m	
		Pipe No. = 2nd 2.50 m	
		Pipe No. = 1st 6.0 m	

Aandy
Contractor
Representative

Adnan
TPI
Representative

Client
Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SHANAGAR SAROLA, BLOCK- TAPPAL, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 106 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 22.Sep.2023.

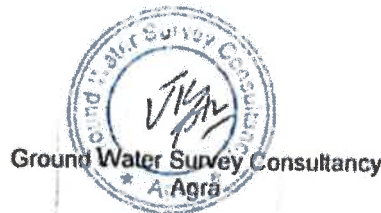
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 12.20 Ohms.

Drilling Water Resistivity = 13.06 Ohms.

Approx Water Level = 24 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 26	21	Dry sand	
3.	26 - 30	4	Clay kankar	
4.	30 - 37	7	Fine to Medium sand	Med to Marginally
5.	37 - 50	13	Clay kankar	
6.	50 - 53	3	Fine sand	Saline
7.	53 - 106	53	Clay kankar	



G.P. : Shah-Nagar Soraula.

Block : Tappal

District : Aligarh

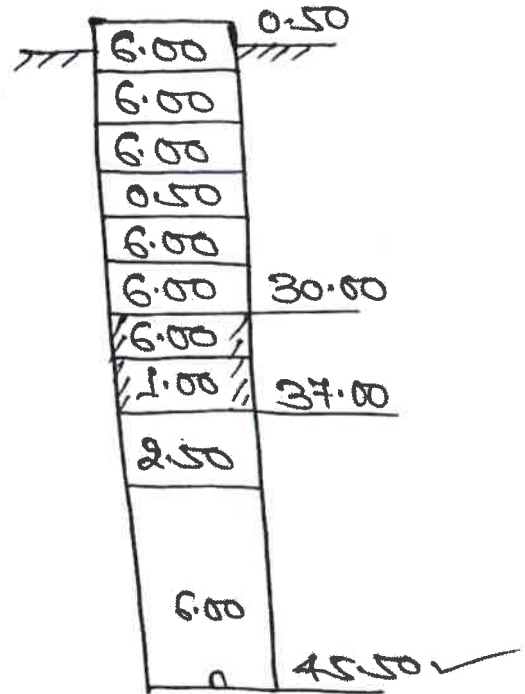
Required : 370 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 76.00
200mm dia Slotted Pipe : 24.00

100.00 mtr

Streta :-

30-37 → 7 mtr



नोट → cement sealing करानी है।
Lud AE

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 32.00 mtr
200mm dia Slotted Pipe : 07.00 mtr
Total : 46.00 mtr



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/06 Date : 23/09/2023

Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

District: ALIGARH Block : TAPPAL Scheme : SHAH-NAGAR SARUA

Following civil items are ready for inspection : Date :

- SBC [] Tube Well [x] Excavation [] PCC [] RCC []
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 [] Other []

Work Description :

M.S PIPE LOWERING WORK DEPTH - 110MTR.
ASSEMBLY SIZE - 200mmØ x 200mmØ
REQUIRED DISCHARGE - 370 LPM

On Date : Time :

Submitted By : ASHUTOSH Date: Time: Sign: Randy

TPI (Aarvee)

Recieved By : Adnan Kabir Date: Time: Sign: Adnan

Comments :

Civil Department

E&M , I/C Department

NAME : [] APPROVED NAME : [] APPROVED
DESIG : [] APPROVED AS NOTED DESIG : [] APPROVED AS NOTED
SIGN: [] REJECTED SIGN: [] REJECTED