



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

vaarvee associates
architects engineers & consultants pvt. ltd



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh

Block:- Ghonda

Scheme:- Nagla Sable Zone-02

Rig No/ Type DC:- DC

Size of Bore:- 500mm ϕ x 200mm ϕ

Under:- JJM

Assembly Size:- 200mm ϕ X 200mm ϕ

Required LPM:- 135 LPM

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.54	Pipe No. =	Drilling Started Date:- 01-10-2023 DPR Drilling Depth:-
		Pipe No. =	Logging Started Date:- 06-10-2023 Logging Completed Date:- 06-10-2023
		Pipe No. =	Lowering Started Date :- 08-10-2023 Lowering Completed Date :- 08-10-2023
		Pipe No. =	Housing Pipe ϕ :- MM M Above AGL ϕ :- 200 MM 0.54 M
		Pipe No. =	Plain Pipe ϕ :- 200 MM 36.04 M Slotted Pipe ϕ :- 200 MM 12.00 M
		Pipe No. =	Lowered Assembly:- 47.50 M Total Assembly+ AGL :- 47.50 + 0.54 M
		Pipe No. =	Actual Drilling Depth:- 110M M MS H Frame:- 200mm ϕ , 1 Nos,
		Pipe No. =	MS Ring:- 200mm ϕ , 9 Nos MS Reducer:-
		Pipe No. =	MS Bail Plug:- 200mm ϕ , 1 Nos MS Clamp:- 200mm ϕ , 1 Set
		Pipe No. =	MS Well Cap:- 200mm ϕ , 1 Nos Centre Guide:- 200mm ϕ , 3 Nos,
		Pipe No. =	
	6.01	Pipe No. = 10 th	
	6.01	Pipe No. = 9 th	
	6.01	Pipe No. = 8 th	
	1.00	Pipe No. = 7 th	
	6.01	Pipe No. = 6 th	
MSERW SLOTED	24.50	Pipe No. = 5 th	
	30.50	Pipe No. = 4 th	
MSERW SLOTED	34.50	Pipe No. = 3 rd	
	40.50	Pipe No. = 2 nd	
Bail Plug	6.00	Pipe No. = 1 st	
	47.50		

Amit Ranjan Kumar
Contractor
Representative

S Chauhan
TPI
Representative

Client
Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NAGLA SABAL, BLOCK- GONDA, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 108 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 06.Oct.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 = 12.59 Ohms.

Drilling Water Resistivity = 13.97 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 13	5	Fine sand	
4.	13 - 18	5	Clay kankar	
5.	18 - 31	13	Fine sand	Med to Marginally
6.	31 - 35	4	Clay kankar	
7.	35 - 40*	5	Fine to Medium sand	Med to Marginally
8.	40 - 55	15	Clay kankar	
9.	55 - 60	5	Fine sand	Saline
10.	60 - 108	48	Clay kankar	

Ground Water Survey Consultancy



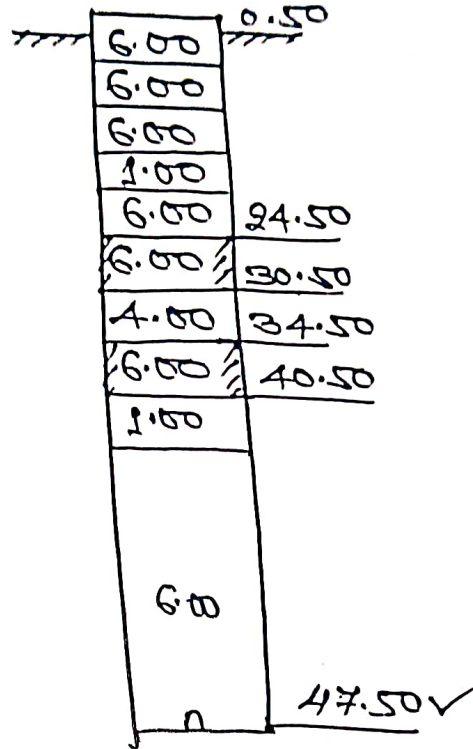
G.P. : Nagla Sable waf Giridh Zone-II T.O
 Block : Giridh District : Aligarh
 Required : 135 LPM

300mm dia Plain Pipe : x
 200mm dia Plain Pipe : 84
 200mm dia Slotted Pipe : 06
90mtr

Streta :-

10-31 → 13 mtr

35-40 → 05 mtr



Note → cement sealing करनी होगी एप

300mm dia Plain Pipe : x
 300X200 mm Reducer : x
 200mm dia Plain Pipe : 86.00 mtr
 200mm dia Slotted Pipe : 12.00 mtr
Total : 98.00 mtr



KALPA-TARU®

KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly KalpaTarU Power Transmission Limited)



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architects engineers & consultants pvt. ltd



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPIL/01

RFI no: JJM/ALIGARH/KPIL/_____

Date : 07-10-2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT:- ALIGARH

BLOCK : Gonda

SCHEME : Najla Sable Zone-II

Following civil items are ready for inspection :

Date :

SBC	<input type="checkbox"/>	Tube Well	<input checked="" type="checkbox"/>	Excavation	<input type="checkbox"/>	PCC	<input type="checkbox"/>	RCC	<input type="checkbox"/>
Driling	<input type="checkbox"/>	Logging	<input type="checkbox"/>	Lowering	<input checked="" type="checkbox"/>	OP Unit	<input type="checkbox"/>	Column	<input type="checkbox"/>
shuttering	<input type="checkbox"/>	Brick Work	<input type="checkbox"/>	Plaster Work	<input type="checkbox"/>	Painting	<input type="checkbox"/>	Stand Post	<input type="checkbox"/>
Rising Main	<input type="checkbox"/>	Backfilling	<input type="checkbox"/>	M.S. Wicket Gate/ Window	<input type="checkbox"/>			Interlocking Tile	<input type="checkbox"/>
HDPE Pipeline	<input type="checkbox"/>	Others	<input type="text"/>						

Following Mechanical, Electrical, C&I items are ready for inspection :

Date :

Instrumentation	<input type="checkbox"/>	Welding	<input type="checkbox"/>	Valves	<input type="checkbox"/>	Chain Pully	<input type="checkbox"/>	DG Set	<input type="checkbox"/>
Pump Set	<input type="checkbox"/>	Stabilizer	<input type="checkbox"/>	Pannel	<input type="checkbox"/>	Sloar	<input type="checkbox"/>	Chlorinating Plant	<input type="checkbox"/>
Lighting	<input type="checkbox"/>	EMF Meter	<input type="checkbox"/>	Level / Pressure Transmitter	<input type="checkbox"/>			RTU	<input type="checkbox"/>
Earthing cable	<input type="checkbox"/>	Starter	<input type="checkbox"/>	Piping- DI () HDPE () MS () MDPE ()				Others	<input type="checkbox"/>

Work Description :

Tubewell ms pipe lowering work .
Assembly Size- 200mm x 200mm
Required discharge- 135 LPM

On Date : 08-10-2023

Time : 11:00 AM

Submitted By AMIT RANJAN KUMAR Date: 07-10-23 Time 10:00 PM Sign Amit Ranjan Kumar

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

E&M , I/C Department

NAME : APPROVED

DESIG : APPROVED AS NOTED

REJECTED

NAME : APPROVED

DESIG : APPROVED AS NOTED

SIGN: REJECTED