



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- **IGLAS** Scheme:- **SATLUNI KHURD**
 Rig No/ Type DC:- **DC** Size of Bore:- **500mm ϕ x 500mm ϕ**
 Under:- **JJM** Assembly Size:- **200mm ϕ x 200mm ϕ** Required LPM:- **445 LPM**
 Contractor:- **KPTL**

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.58	Pipe No. =	Drilling Started Date:- 14/02/2024
		Pipe No. =	DPR Drilling Depth:- 110
		Pipe No. =	Logging Started Date:- 20/02/2024
		Pipe No. =	Logging Completed Date:- 20/02/2024
		Pipe No. =	Lowering Started Date :- 23/02/2024
		Pipe No. =	Lowering Completed Date :- 23/02/2024
		Pipe No. =	Housing Pipe ϕ :- MM - M
		Pipe No. =	Above AGL ϕ :- 200 MM 0.55 M
		Pipe No. =	Plain Pipe ϕ :- 200 MM 45.57 M
		Pipe No. =	Slotted Pipe ϕ :- 200 MM 13.00 M
		Pipe No. =	Lowered Assembly:- 58.02 M
		Pipe No. =	Total Assembly+ AGL :- 58.02 + 0.55 M
	6.00	Pipe No. = 15th	Actual Drilling Depth:- 115 M
	6.00	Pipe No. = 14th	MS H Frame:- 200mmϕ, 1 Nos
	2.50	Pipe No. = 13th	MS Ring:- 200 mmϕ, 14 Nos
	6.02	Pipe No. = 12th	MS Reducer:- -
	6.03	Pipe No. = 11th	MS Bail Plug:- 200mmϕ, 1 Nos
	6.00	Pipe No. = 10th	MS Clamp:- 200mmϕ, 1 Nos
MSERW SLOTTED	1.00	Pipe No. = 9th	MS Well Cap:- 200mmϕ, 1 Nos
LCG Screen	1.00	Pipe No. = 8th	Centre Guide:- 200mmϕ, 3 Nos
	6.01	Pipe No. = 7th	
	0.98	Pipe No. = 6th	
	6.01	Pipe No. = 5th	
LCG SCREEN	1.00	Pipe No. = 4th	
LCG SCREEN	1.00	Pipe No. = 3rd	
LCG SCREEN	1.00	Pipe No. = 2nd	
MSERW SLOTTED	3.00	Pipe No. = 1st	
Bail Plug	6.02		

Amit Ranjan Kumar
Contractor Representative

Adnan
TPI Representative

Hansh
Client Representative

G.P. : Sattlauni Khurd

Block : Iqbal

District : Aligarh

Required : 445LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 88
200mm dia Slotted Pipe : 12
100mtr

Streta :-

26-33 → 07mtr

46-52 → 06mtr

6.00	0.50
6.00	
2.50	
6.00	
6.00	26.00
6.00	
1.00	33.00
6.00	
1.00	
6.00	46.00
6.00	
6.00	52.00
6.00	
6.00	58.00

Note → ① cement sealing करनी होगी।

② इस नलकूप का भुगतान Satisfactory Water Test Report
आने के पश्चात सम्भव होगा।

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 45.50 mtr
200mm dia Slotted Pipe : 13.00 mtr
Total : 58.50 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 115 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 20.Feb.2024.

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 = 12.82 Ohms.

Drilling Water Resistivity = 13.66 Ohms.

Approx Water Level = 15 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 - 15	5	Clay kankar	
4.	15 - 20	5	Fine sand	
5.	20 - 26	6	Clay kankar	
6.	26 - 33	7	Sand & kankar	Med to Marginally
7.	33 - 46	13	Clay kankar	
8.	46 - 52	6	Fine sand	Med to Marginally
9.	52 - 58	6	Clay kankar	
10.	58 - 61	3	Sand & kankar	Marginally saline
11.	61 - 71	10	Clay kankar	
12.	71 - 80	9	Sand & kankar	Saline
13.	80 - 115	35	Clay kankar	

Ground Water Survey Consultancy





KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly Kalpataru Power Transmission Limited)

earvee associates
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 22/02/2024

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : IGLAS

SCHEME : Satluni Khurd.

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"/>
Drilling	<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 - 200mmØ X 200mmØ
Required LPM - 445 LPM

On Date : 23/02/2024

Time : 10:00 AM

Submitted By AMIT RANJAN

Date: 22/02/24

Time 4:00pm

Sign

Amit Ranjan Kumar

IPI (Aarvee)

Received By

Date

Time

Sign

Adnan

Comments :

Civil Department

NAME: APPROVED

DESIG: APPROVED AS NOTED

SIGN: REJECTED

E&M, I/C Department

NAME: APPROVED

DESIG: APPROVED AS NOTED

SIGN: REJECTED