



aarvee associates
architects engineers & consultants pvt. ltd.



QUALITY MANAGEMENT SYSTEM

Format No :
KPTL/232221F/00023

DEPTH OF STARTA

PROPOSED ASSEMBLY DETAILS

Block- Jaitihara
GP- Lalpur Jagirabad

SL.	DPR Details -
	Lowering Date - <u>25-01-2025</u>
1	Water Discharge in LPM - <u>750 LPM</u>
2.	Bore well Drilling dia- <u>600mmφ</u>
3.	Bore well Drilling depth- <u>120m</u>

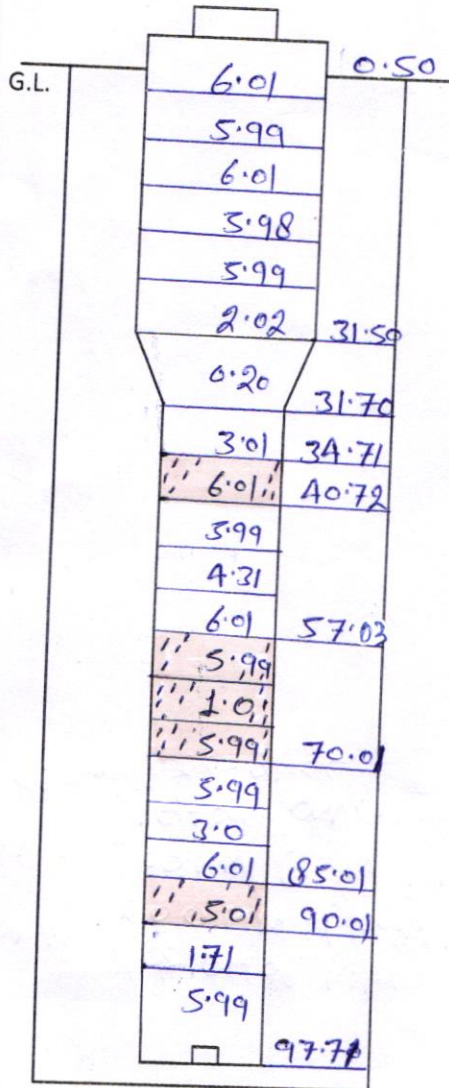
LOGGING REPORT

Depth-		Date-	
SL.	Depth Range	Thickness	Remarks
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

Assembly Details

Proposed Assembly for Lowering

- 300mm dia MS Plain Pipe- 32m
- 200mm dia MS Plain Pipe 42m 2 mtr
- 200mm dia MS Slotted Pipe- 29m 99 mtr
- 200mm dia LCG Pipe -
- 300/200 mm dia Reducer - 01
- MS Bail Plug-
- MS Ring 300mm-
- MS Ring 200mm-
- MSSI Clamp-
- Centre Guide -
- TW Assembly Support-
- MS Well Cap
- Pea Gravel Packing-



DEESH
KPTL

TPI
TPI

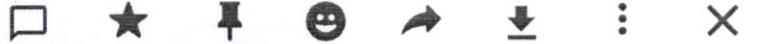
CLIENT (UPJN)

Lowering work
executed as per
assembly chart.

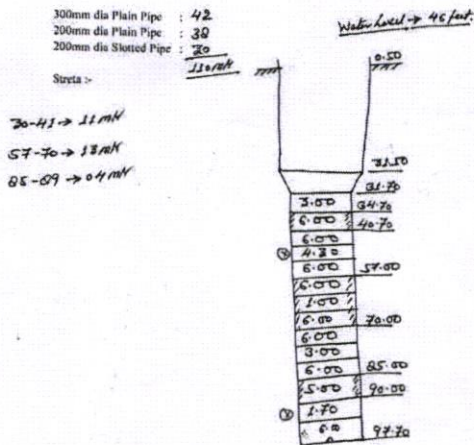


Dinesh

Today at 5:02 pm



G.P. : Lalpur - Jalangiroad
 Block : Jalangi District : Etah
 Required : 750 LPM

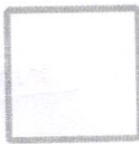


30-43 → 11 m
 57-70 → 13 m
 85-89 → 04 m

300mm dia Plain Pipe	: 32.00 m
300X200 mm Reducer	: 0.20 m
200mm dia Plain Pipe	: 42.00 m
200mm dia Slotted Pipe	: 24.00 m
Total	: 98.20 m



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 NM1- Largest Data Center India
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GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-B- 504

Date:- 21-01-2025

NAME OF SITE

GRAM PANCHAYAT- Lalpur Jahangirabad

BLOCK- Jaithra

DISTT- Etah

NAME OF AGENCY

M/s Kalpataru Project International Pvt. Ltd.
Etah



GROUND WATER SURVEY CONSULTANCY

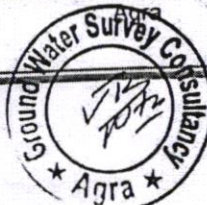
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- LALPUR JAHANGIRABAD, BLOCK- JAITHRA, DISTT- ETAH
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 Project International Pvt. Ltd, Etah.

On the request of M/s Kalpataru Project International Pvt. Ltd, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 21.Jan.2025.

Logging Para meters - Self potential, short normal (N16), 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 = 15.42 Ohms.

Drilling Water Resistivity = 16.57 Ohms.

Approx Water Level = 16 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	3	Fine sand	
3.	7 - 15	8	Clay kankar	
4.	15 - 20	5	Fine sand	
5.	20 - 30	10	Clay kankar	
6.	30 - 41	11	Medium sand & kankar	Medium
7.	41 - 49	8	Clay kankar	
8.	49 - 51	2	Fine sand	Medium
9.	51 - 57	6	Clay kankar	
10.	57 - 70*	13	Medium sand & kankar	Medium
11.	70 - 85	15	Clay kankar	
12.	85 - 89*	4	Fine to Medium sand	Medium
13.	89 - 100	11	Clay kankar	
14.	100 - 103	3	Kankar	
15.	103 - 120	17	Clay kankar	

Ground Water Survey Consultancy



Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



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PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

REQUEST FOR INSPECTION (RFI)

Format No : KPIL/232221F/00001

RFI no: JJM/ETAH/KPIL/

Date : 21-01-2025

Contractor Name: Kalpataru Projects International Limited

LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

Location of Work

District: ETAH Block: Jaithara Scheme: Lalpur Jagisabad

Following civil items are ready for inspection :

Date :

SBC	<input type="checkbox"/>	Tube Well	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	PCC	<input type="checkbox"/>	RCC	<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 ()	<input type="checkbox"/>	Others	<input type="checkbox"/>		

Work Description :

Rfi for Tubewell Logging work at Lalpur Jagisabad
Block - Jaithara

On Date : 21-01-2025

Time : 11:00 AM

Submitted By

DEHESH K.S.

Date

21-01-2025

Time

07:00 AM

Sign

TPI (Aarvee)

Recieved By

Date 21-01-25

Time

Sign

Comments :

Drilling depth = 120 mtr
Logging depth = 120 mtr

Civil Department

E&M , I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

SIGN:

REJECTED



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PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

REQUEST FOR INSPECTION (RFI)

Format No : KPIL/232221F/00001

RFI no: JJM/ETAH/KPIL/

Date : 25-01-2025

Contractor Name: Kalpataru Projects International Limited

LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

Location of Work

District:	ETAH	Block :	Jaitihara	Scheme :	Lalpur Jagirabad
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Following civil items are ready for inspection :

Date :

SBC	<input type="checkbox"/>	Tube Well	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	PCC	<input type="checkbox"/>	RCC	<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 :

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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 ()	<input type="checkbox"/>	Others	<input type="checkbox"/>		

Work Description :

Rfi for Tubewell Lowering work at Lalpur Jagirabad Block - A Jaitihara

On Date : 25-01-2025

Time : 11:00 AM

Submitted By DEMESH K.R. Date 25-01-25 Time 07:00 AM Sign

TPI (Aarvee)

Recieved By Date 25-01-25 Time Sign

Comments :

Total assembly = 98.21 mtr
300mm plain pipe = 32 mtr
200mm plain pipe = 42.02 mtr
Slotted pipe = 23.99 mtr

Civil Department

E&M, I/C Department

NAME :	<input type="checkbox"/> APPROVED	NAME :	<input type="checkbox"/> APPROVED
DESIG :	<input type="checkbox"/> APPROVED AS NOTED	DESIG :	<input type="checkbox"/> APPROVED AS NOTED
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> REJECTED