02/05/2024, 20:25 WQMIS



Jal Jeevan Mission



Har Ghar Jal

District Level Water Analysis Laboratory, U.P Jal Nigam (Rural), ALIGARH

BUILDINGNO 01, ADHIKSHAN ABHIYANTA KARYALAYA, NIRMAN MANDAL, U.P. JAL NIGAM, RAMGHATROAD, ALIGARH ALIGARH,UTTARPRADESH-202001 (Test Address only)

Print

Test report

Sample ID:

U1485429S19570733

	User Inf	formation	
Name:	Kalpataru power transmission limited	Mobile:	6398162959
Email:	vikas.om@kalpatarugroup.com	Pin Code:	
Full Address:	Village- Arjunai Simrai , Gram Panchayat- Arjunai Simrai, Block- Alig	ganj, District- Etah, Stat	te- Uttar Pradesh
	Sample	descriptio	n
Source of	Jamalpur	Village:	Jamal Pur
Sample:			
Gram Panchayat:	Jamal Pur	Block:	Shitalpur
District:	Etah	State:	Uttar Pradesh
Address:		Remarks:	
Latitude:	27.5201680	Longitude:	78.8788171
	Date & time o	f sample collection	
	20.04.202	4 10:55:00 AM	
	Date & time of s	ample received in la	b
	29.04.202	24 02:00:00 PM	
	Date & time o	of sample analysed	
	29.04.202	24 02:28:00 PM	
	Date & time o	of report generation	
	02.05.202	24 06:41:26 PM	

02/05/2024, 20:25 WQMIS

Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Calcium (as Ca)*	mg/I	75	200	27.300	
2	Chloride (as Cl)*	mg/I	250	1000	17.600	
3	Colour*	Hazen units	5	15	1.000	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
5	Fluoride (as F)*	mg/I	1	1.5	0.100	
6	Free residual Chlorine	mg/I	0.2	1	0.000	
7	Iron (As Fe)*	mg/I	1	No Relaxation	0.010	
8	Magnesium (As Mg)*	mg/I	30	100	20.400	
9	Nitrate (as NO3)*	mg/I	45	No Relaxation	5.100	
10	рН*	NA	6.5-8.5	No Relaxation	8.070	
11	Sulphate (as SO4)*	mg/I	200	400	12.100	
12	TDS*	mg/I	500	2000	201.000	
13	Total Alkalinity (as Calcium Carbonate)*	mg/I	200	600	168.000	
14	Total Arsenic (As As)	mg/I	0.01	No Relaxation	0.000	
15	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
16	Total Hardness (As CaCO3)*	mg/I	200	600	152.000	
17	Turbidity*	NTU	1	5	0.590	

Note

- 1)*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Authorised signatory

Shailender rajawat (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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Print







QUALITY MANAGEMENT SYSTEM

Format No: KPTL/232221F/00023

				A Zan San San	
DEPTH OF	PROPOSES ACCEMBIN DETAILS	SL.	DPR Details -	at to	1/2024
STARTA	PROPOSED ASSEMBLY DETAILS		Lowering Date	- 06/0	260
SIANIA	0 1 10.0	1	Water Dischar	ge in LPM -	
	Block- Stytal 148	2.	Bore well Drilli	ng dia-	Soomm
	510CK- Slytalpyr GP- Samalbyr	3.	Bore well Drilli	ng depth-	100 mtr
	GP- Jame 1998			100	mtr
	The state of the s	LOG	GING REPORT	100	7.4
	6.00 0.5	Depi		Date-	To an order
	G.L. 6.88	SL.	Depth Range	Thickness	Remarks
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į		2	40-45	5.00	
	6.00	3	75-81	6.00	
	5.98	4			
		5			
	1.50	6			
	102	7			
	6.03	8			
	11 6.01 11 31.01	9			
		10			
	3.00	11			
		Asse	mbly Details		
	1, 3.00 // 40.00				
	" 2.00 "				
	1 1 2/1/2				
	6.00 43.00		osed Assembly	for Lowering	
	6.00		,		
			00mm dia MS Pl		7216
	5 98	2. 20	00mm dia MS Pl	ain Pipe	72 mts
	6.00	3. 20	00mm dia MS Si	otted Pipe-	
	6.02	4. 20	00mm dia LCG P	pe -	17.01 nts
		5. 30	00/200 mm dia f	Reducer -	
	6.00	5. N.	S Bail Plug-	1 Nos	
	81.00	7. M	S Ring 300mm-		
	1.50		S Ring 200mm-	17 A	10 9
	6.00		SSI Clamp-		108
	88.5		lentre Guide -		al
	. 1 1		W Assembly Su		Nos
	Total length=89.01-0.5		AS Well Cap -	1	- NOS
	= 88.51		ea Gravel Packi	ng-	,,,,

TPI

CLIENT (UPJN)

Lowering work enecuted as per amembly charf.



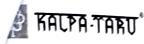






PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

	OUTOT FOR INSPECTION /	RFI)
	QUEST FOR INSPECTION (RFI no: JJM/ETAH/KPIL/	Date: 22/12/2023
Format No : KPIL/232221F/00001		LOA No- 3563/W-25 (Aligarh)/2021-22 dated
Contractor Name: Kalpataru Projects Internationa		07.01.2022
	Location of Work	Scheme: Samal Pyr
District: Ftah Block:	Shytalpur	Contained
Following civil items are ready for inspection		Date:
SBC Tube Well	Excavation	Stand Best
Shuttering Brick Work	Plaster Work Pain	
Rising Main Backfilling Backfilling	M.S. Wicket Gate/ Window	Interlocking Tile
Vor PE Pipeline Others		
Following Mechanical, Electrical, C&I Items are re	eady for inspection :	Date :
Instrumentation Welding	Valves Chai	n Pully DG Set
Pump Set Stabilizer		Sloar Chlorinating Plant
Lighting EMF Meter	Level / Pressure Transm	
Earthing cable Starter	Piping- DI () HDPE ()	MS () MDPE () Others
	1 - 111	D /
Work Description: Tybe Well	Drilling)	B logging work
	,	
Required	:-1PM-260	
2 - 1 2 2 3	Time: 11:00	
On Date: 23/12/2023	7	Sign Joketh
Ibmitted By	Date Time	Sign To The Sign T
TPI (Aarvee)		
Recieved By	ate 23 12 23 Time	sign (File)
Comments : D ที่ U	ing Jepth = 100m	+~
Logg		+ 1
1		E&M , I/C Department
Civil Department		Eam, I/C Department
NAME:	PPROVED NAME:	APPROVED
	PPROVED AS DESIG :	APPROVED AS NOTED
SIGN:	EJECTED SIGN:	REJECTED









PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

Following civil items are ready for inspection: BBC			JEST FOR I	NSPECTION (F	,		
District: Ftah Block: Suptail Plux Scheme: Samot Plyx	ormat No : KPIL/2	232221F/00001	RFI no: JJM	I/ETAH/KPIL/			
District: FAM	Contractor Name: Ka	lpataru Projects International L	imited		LOA No- 3563/\		/2021-22 dated
Following civil items are ready for inspection: BEC Tube Well Excavation PCC RC Shuttering Brick Work Plaster Work Painting Interlocking Tile Interlocking Tile Stand Post Interlocking Tile Interlocking Mechanical, Electrical, C&I items are ready for inspection: PEP Pipeline Others PEP Pipeline Others Pollowing Mechanical, Electrical, C&I items are ready for inspection: Date: Instrumentation Welding Valves Chain Pully Date: Instrumentation Welding Valves Shoar Chlorinating Plant RTU Level / Pressure Transmitter RTU Earling cable Starter Piping-DI() HDPE() MS() MDPE() Others Work Description: Tybe Well Journal File 72 MY AS 200 Dia play File 72 MY Comments: Total angembly 2 89.01 MTY Recieved By Date File 72 MTY Comments: Total angembly 2 89.01 MTY Recieved By Date File 72 MTY Comments: Total angembly 2 89.01 MTY Recieved By Date Date File 72 MTY Civil Department NAME: APPROVED AS NOTED DESIG: APPROVED AS NOTED							* 1
SBC Tube Well Excavation PCC RC Shuttering Brick Work Plaster Work Painting Stand Post Rising Main Backfilling M.S. Wicket Gate! Window Interlocking Tile PEP Pipeline Others Date : Instrumentation Welding Valves Chain Pully DG Set Pump Set Stabilizer Panne Sloar Chlorinating Plant Earthing cable Starter Piping DI () HDPE () MS () MDPE () Others Work Description: Tybe well Cours in g work Required - 2 to Lfm MS 200 Dia plain file - 72 mt/ AS LCG 200 mm Rife - 17.01 mt/ On Date : 06 01/2024 Time Dicou [ibmitted By Date Time Sign Sign TPLI Aarvee Recieved By Date Time Sign Sign Comments : Total amently = 89.01 mt/		C.COM.		Pus		Jama	PYY
Shuttering Brick Work Plaster Work Painting Stand Post Rising Main Backfilling M.S. Wicket Gate/ Window Interlocking Tile M.S. Wicket Gate/ Window Interlocking Tile Date: Instrumentation Welding Valves Chain Pully DG Set Plump Set Stabilizer Panne Sloar Chlorinating Plant Ditter Devel / Pressure Transmitter RTU Pliping-DI () HDPE () MS () MDPE () Dever Others Date: Mork Description: Tybe well / DWC x MS () MDPE () Dever Others Devel / Pressure Transmitter RTU Pliping-DI () HDPE () MS () MDPE () Dever De	Following civil items		_	_			
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Instrumentation Welding Valves Chain Pully DG Set	PE Pipeline	Others					
Pump Set Stabilizer Pannel Sloar Chlorinating Plant Level / Pressure Transmitter RTU RTU Pannel Sloar Chlorinating Plant RTU Pannel Sloar Chlorinating Plant RTU Piping-DI () HDPE () MS () MDPE () Chers Mork Description: Tybe well Jowering work Required - 2 to Lfm MS 2000 ping pile - 72 mbr APPROVED AS NOTED MAME: APPROVED AS NOTED APPROVED AS NOTED APPROVED AS NOTED APPROVED AS NOTED ARECTED SIGN: REJECTED SIGN: REJECTED SIGN: REJECTED REJECTED SIGN: REJECTED REJECTED SIGN: REJECTED REJECTED SIGN: REJECTED REJE	Following Mechanical,	Electrical, C&I items are read	y for inspection	on:	Date :		
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Earthing cable Starter Piping-DI() HDPE() MS() MDPE() Others Work Description: Tybe well lowering work Required -260 LFM MS 200019 Playn Pile - 72 mbr AS LCG 200 mm Pile - 17.01 mbr On Date: 06 01/2024 Time: 10:00 [Ibmitted By Date Gol 24 Time Sign John Mile: Recieved By Date Gol 24 Time Sign File Comments: Total amently = 89.01 mtr 200 mm Playn Pile = 72 mtr Lcor Pile = 72 mtr Lcor Pile = 72 mtr Civil Department NAME: APPROVED NAME: APPROVED DESIG: APPROVED AS NOTED REJECTED SIGN: REJECTED	Pump Set	Stabilizer	Pannel		Sloar	Chlorinating	g Plant
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	SIGN:	RE.	ECTED	SIGN:			REJECTED





G.P. : Jamalpur

Block: Shitalful

Required: 260 LPM

District : Etak

300mm dia Plain Pipe 200mm dia Plain Pipe

:, **x**

200mm dia Slotted Pipe

: 72

Streta:-

31-37 > 0 (PM

40-45 - 05MN

75-81 > c6AN

on Eliebre

6.50 6.50 6.50 6.50 7.50 8 3.50 40.50 5.50 45.50

> 6.00 6.00 6.00 75.00 8.00 81.00

> > 62.68

6.00

New-Lieus EAMONS

300mm dia Plain Pipe

⊗

300X200 mm Reducer : ≯

200mm dia Plain Pipe : 72.00 mH 200mm dia Slotted Pipe : 17.00 mH

Total

: 89.00 mK

REPORT ON GEOPHYSICAL WELL LOGGING

GRAM PANCHAYAT- JAMALPUR, BLOCK- SHEETALPUR, DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah.a Geophysical well Logging in the above bore hole using IGIS Well Logger on 23.Dec.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 = 15.43 Ohms.

Drilling Water Resistivity = 16.28 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
<u>l.</u>	0 - 5	5	Surface soil	
2.	5 - 9	4	Clay kankar	
3.	9 - 12	3	Fine sand	
4.	12 - 18	6	Clay kankar	
5.	18 - 25	7	Sand & kankar	
6.	25 - 31	6	Clay kankar	
7.	31 - 37	. 6	Medium sand	Medium
8.	37 - 40	3	Clay kankar	····cuiuiii
9.	40 - 45*	5	Medium sand	Medium
10.	45 - 75	30	Clay kankar	Medialii
11.	75 - 81*	6	Fine to Medium sand	Medium
12.	81 - 90	9	Clay kankar	wieditilli
13.	90 - 100*	10	Fine to Medium sand	Medium

Ground Water Survey Consultancy