

M/S Welspun -Kaveri JV Lower Parel (West) Mumbai

Regd. Office-BKT House / Trade World , C Wing 8th Floor,Kamala City ,Senapati Bapat Marg Lower Parel (W),Mumbai 400013

Under Jal Jeevan Mission,District- Jaunpur (U.P.)

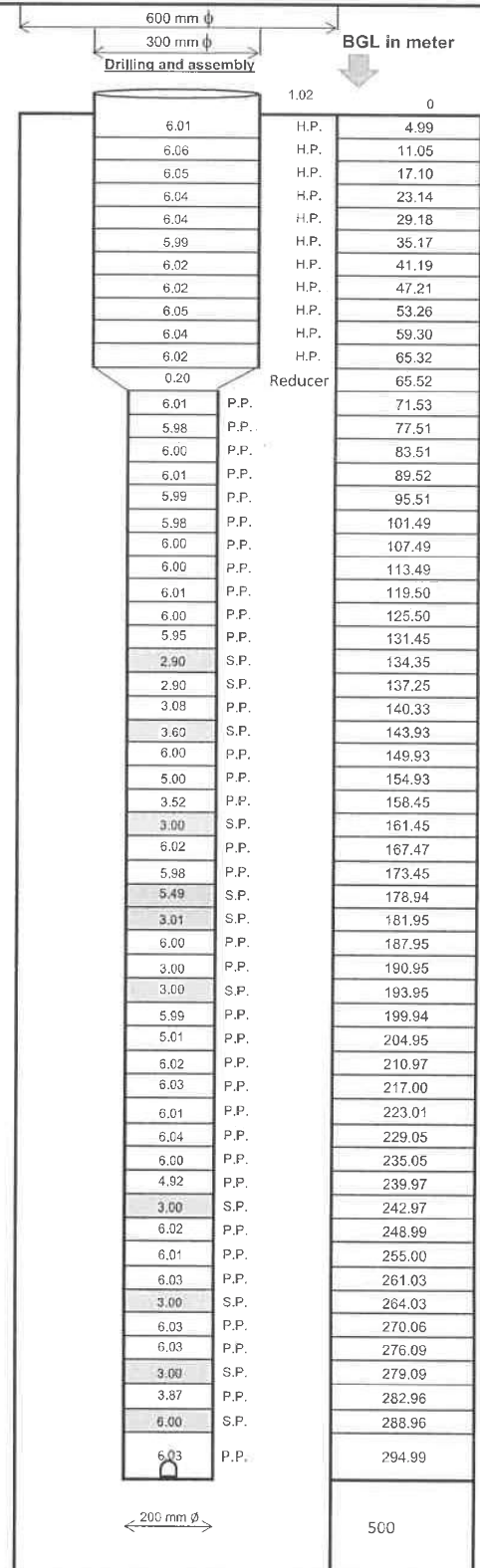
Actual TW Assembly of Lohgajar TW , Block-Jalalpur, Distt. Jaunpur

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Surface Clay
2	6	21	Clay + Kankar
3	21	27	Fine Sand
4	27	39	Clay
5	39	48	Fine To Medium Sand
6	48	60	Coarse Sand
7	60	120	Clay
8	120	138	Coarse Sand + Kankar
9	138	195	Modlum To Coarse sand + Kankar
10	195	300	Coarse Sand + Kankar
11	300	380	Coarse Sand

Logging Report				
Date of Logging-12.05.2022				
S.N.	Depth (f/bgl)		Thickness (m)	Quality (In terms of Salinity)
	From	to		
1	30	45	15	Good
2	110	115	5	Good
3	118	128	10	Good
4	131	135	4	Good
5	140	145	5	Good
6	158	162	4	Good
7	173	183	10	Good
8	190	196	6	Good
9	201	205	4	Good
10	231	235	4	Good
11	240	250	10	Good
12	260	265	5	Good
13	270	273	3	Good
14	275	280	5	Good
15	283	290	7	Good
16	300	305	5	Moderate
17	309	315	6	Moderate

1. Quality of the formation water is deteriorating marginal to saline below 317.0 mbgl to till depth logged. All Zones are intermixed with Kankar.

DETAILS		
1	Date of lowering	23.05.2022
2	Depth of bore 600 mm ϕ	500.00 Mbgl
3	Housing pipe 300 mm ϕ	66.34 m
4	Plane pipe 200 mm ϕ	193.47 m
5	Slotted pipe 200 mm ϕ	36.00 m
6	300x200 mm ϕ Reducer	0.20 m
	Total	296.01 m



(Signature)
Company Repre.
M/S Welspun -Kaveri JV Jaunpur
(U.P.)

(Signature)
TPIA
Medhaj Techno Concept Pvt.
Ltd.,Jaunpur

(Signature)
(Aditya Singh)
Junior Engineer

(Signature)
(B.S Kushwaha)
Assistant Engineer

(Signature)
(J.K. Gupta)
Exe. Engineer

Division Office (E&M), U.P.Jal Nigam (Rural), Varanasi



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 512 - L / AX - 2022

Date 12.05.2022

Geophysical Borehole Logging Report

Name of the site : Lohgajar, Block - Jalalpur

District : Jaunpur

Date : 12.05.2022

Depth logged : 375.0 mbgl

Depth drilled : 400.0 mbgl

Logger used : UPTRON make

Presence : Rep. of Welspun Enterprises Limited, Jaunpur

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	30.0—45.0	15.0	Good (1 to 15)
2	110.0—115.0	5.0	
3	118.0—128.0	10.0	
4	131.0—135.0	4.0	
5	140.0—145.0	5.0	
6	158.0—162.0	4.0	Moderate (16 & 17)
7	173.0—183.0	10.0	
8	190.0—196.0	6.0	
9	201.0—205.0	4.0	
10	231.0—235.0	4.0	
11	240.0—250.0	10.0	
12	260.0—265.0	5.0	
13	270.0—273.0	3.0	
14	275.0—280.0	5.0	
15	283.0—290.0	7.0	
16	300.0—305.0	5.0	
17	309.0—315.0	6.0	

Note: Quality of the formation water is deteriorating to saline below 317.0 mbgl till depth logged. All zones are intermixed with kankar.

Verified as per
logs provided.
cc:

[Signature]

for Aqua Xplore

M/S Welspun Enterprises Limited, Jaunpur
G. C.
ASSISTANT HYDROGEOLOGIST
JAL NIGAM (UP)
PRAYAGRAJ