

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 Raipur TW, Block- Rampur, District- Jaunpur

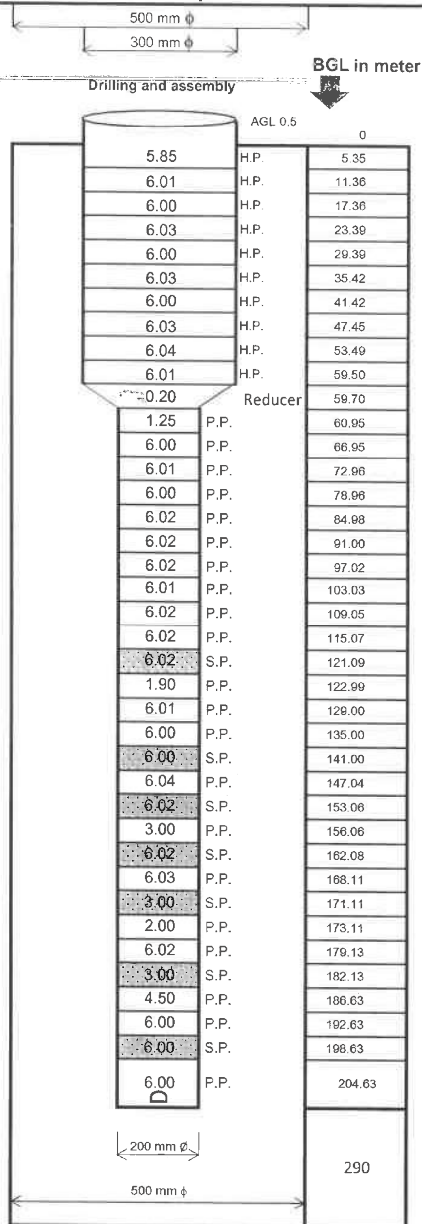
PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	To	
1	0	15	Surface Soil
2	15	30	Very Fine Sand
3	30	57	Clay
4	57	290	Coarse Sand

Logging Report					
Date of Logging- 20.10.2023					
S.No	Depth (Mbgf)		Thickness (m)	Quality (In terms of Salinity)	Remark
	From	To			
1	60	75	15	Good	
2	93	104	11	Good	
3	110	122	12	Good	
4	135	141	6	Good	
5	146	154	8	Good	
6	156	163	7	Good	
7	168	173	5	Good	
8	179	183	4	Good	
9	190	200	10	Good	
10	208	211	3	Good	

1. The granular zones contain fine sediments and intermixed with kanker as per the data given in the table.

2. Granular Zones other than mentioned above are either highly mixed with clay kanker or very fine sediments.

DETAILS		
1	Date of lowering	20.11.2023
2	Depth of bore 500mm ϕ	290.00 Mtr.
3	Housing pipe 300 mm ϕ	60.00 Mtr.
4	Plane pipe 200 mm ϕ	108.87 Mtr.
5	Slotted pipe 200 mm ϕ	36.06 Mtr.
6	300x200 mm ϕ Reducer	0.20 Mtr.
	Total	205.13 Mtr.



Nafan
Company Repre.

V. Shanker
TPIA

(Aditya Singh)
Junior Engineer

(Sudhanshu Singh)
Assistant Engineer (SWSM)

(Adarsh Verma)
Exe. Engineer

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

Medhaj Techno Concept Pvt. Ltd., Jaunpur

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

SURYA BORWELL & TRADERS

Address - Mahmudpur Buzurg, Sikandra, Kanpur Dehat

107-10-21/SURYA/2023-24

22.10.2023

GEOPHYSICAL WELL LOGGING REPORT**General Description (as reported)**

Village	:	RAIPUR
Block	:	RAMPUR
District	:	JAUNPUR
Borehole Drilled By	:	Welspun India Ltd.
Drilled Depth	:	300 mts. (as reported)
Borehole Logged By	:	Surya Borewell & Traders, Kanpur Dehat
Logged Depth	:	293 mbgl.
Date of Logging	:	October 20, 2023
Rm	:	8.9 Ω -m
Rsw	:	9.8 Ω -m

Based on interpretation of presented geophysical logs (Self Potential S.P., Short Normal N16", Long Normal N64" and Lateral 6'), the location of comparatively suitable granular zones are as mentioned below -

S. no.	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1	60	75	15	Good
2	93	104	11	Good
3	110	122	12	Good
4	135	141	06	Good
5	146	154	08	Good
6	156	163	07	Good
7	168	173	05	Good
8	179	183	04	Good
9	190	200	10	Good
10	208	211	03	Good

Note :-

The interpretation of mentioned geophysical logs reveals that -

1. The granular zones contain fine sediments and intermixed with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine sediments.

Presented E. Log Interpreted by

(R.K.BAJPAI)