

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

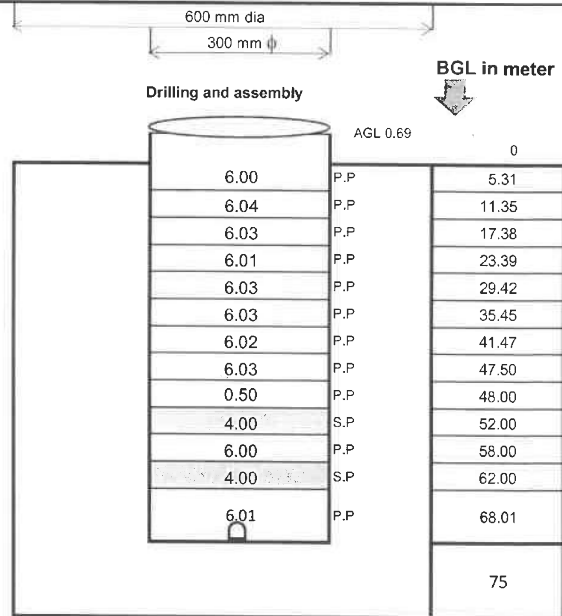
Regd. Office-BKT House / Trade World , C Wing 8th Floor,Kamala City ,Senapati Bapat Marg Lower Parel (W),Mumbai 400013
Under Jal Jeevan Mission,District- Jaunpur (U.P.)

Actual TW Assembly of Sulthanpur Gaur, Block-Karanjakala, 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	45	Clay
4	45	62	Fine Sand + Kankar
5	62	74	Clay + kankar
6	74	114	Medium Sand

Logging Report				
Date of Logging: 25.06.2023				
S.N.	Depth (Mbgl)		Thickness (m)	Quality (In terms of Salinity)
	From	To		
1	26	30	4	Moderate
2	48	52	4	Moderate
3	58	62	4	Good
1. Quality of Ground water is deteriorating marginal to saline below 74 mbgl to till depth logged.				
2. Please ensure pre-monsoon water level before lower the well assembly.				

DETAILS		
1	Date of lowering	08.07.2023
2	Depth of bore 600mm ϕ	75.00 Mbgl
3	Depth of bore 450mm ϕ	39.00 Mbgl
4	Plane pipe 300 mm ϕ	60.70 m
5	Slotted pipe 300 mm ϕ	8.00 m
	Total	68.70 m



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

V. Shauver
TPIA
Medhaj Techno Concept Pvt. Ltd.,
Jaunpur

(Aditya Singh)
Junior Engineer

(Sudhanshu Singh)
Assistant Engineer (SWSM)

Sam
72
(Adarsh Verma)
Exe. Engineer

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

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(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 899

Dated: 28-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sultanpur Gaur
Block: Karanja Kala
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 25-06-2023
Logging Depth: 114.0m bgl
Rm - 16.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: M/s Welspun Enterprises, Jaunpur, U. P., India.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	26 - 30	04	Moderate
2.	48 - 52	04	Moderate
3.	58 - 62	04	Good

Note: 1. Quality of Ground water is deteriorating marginal to saline in below 74.0 m bgl till depth logged.

2. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per
logs provided
G.Sh
30/06/23

For Geo Instruments & Technic's


(S. Shukla)

M/s Welspun-Kaveri JV Lower Parel (West) Mumbai.
Under Jal Jivan Mission

Well Site: Gog Lake in gully (Kern County)

AGL

035

State Formation

LONG REPORT

[illegible]

Drilling Started on	
Date of Lowering	

Tubewell Assembly	Dia	Length
Housing Pipe	300	60.50 mtr
Blind Pipe		
Slotted Pipe	300	8.00 mtr
Reducer		
TOTAL		68.50 mtr
Depth Drilled		
Bore	Size	

Physical Structure

0-15 - s.s. cl
15-30 - V.F.S.
30-45 - clay
45-62 - F.S. + 10% c
62-74 - clay
74-114 - m.s.

Company's Representative
M/s Welspun-Kaveri JV
Lower Parel (West)
Mumbai.

Junior Engineer

Assistant Engineer

Executive Engineer

DIVISION OFFICE (E/M), U.P. JAL NIGAM (Rural) VARANASI

ESTIMATE FOR
SULTANPUR GAUR GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - SWSM
BLOCK- Karanjakala , DISTRICT- Jaunpur
Estimate of Cost of Tubewell construction

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	Drilling of Borehole for Tube well construction by DC/RC/DTH Rig Machine including transportation, erection, dismantling of Rig and associated T&P complete in all respect including required all material labor etc.									As per RFP.
	SOR NO. 2									
	Transportation, Installation Dismantling of Rig machine and logging of bore hole					1	1,56,159.07	Job	1,56,159	
	DC/RC Drilling up to 100Mtr.									
	400 MMØ					0	-	Rmt	-	
	450 MMØ					0	-	Rmt	-	
	500 MMØ					100	2,717.19	Rmt	2,71,719	
	600 MMØ					0	-	Rmt	-	
	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
	450 MMØ depth 101 to 200 m					0	-	Rmt	-	
	500 MMØ depth 101 to 200 m					100	3,033.75	Rmt	3,03,375	
	600 MMØ depth 101 to 200 m					0	-	Rmt	-	
	DC/RC Drilling from 201 MT. To 300 Mtr.Deep									
	450 MMØ depth 201 to 300 m					0	-	Rmt	-	
	500 MMØ depth 201 to 300 m					90	3,363.28	Rmt	3,02,695	
	600 MMØ depth 201 to 300 m					0	-	Rmt	-	
	DC/RC Drilling from 301 Mtr. To 400 Mtr.Deep & above									
	450 MMØ depth 301 to 400 m					0	-	Rmt	-	
	500 MMØ depth 301 to 400 m					0	-	Rmt	-	
	600 MMØ depth 301 to 400 m					0	-	Rmt	-	
2	DTH Drilling upto 200.0 Mtr.Deep									
	200/165 MMØ (in over burden/Hard Rock)					0	-	Rmt	-	
3	Development / Flushing of tubewell									
4	Tube Well Assembly: SOR NO. 3					0	-	Hr	-	Ref: RFQ Clause 7, pg 56; IS 11189-2020 clause 6.1.1 & 6.2.2
	MSERW plain pipe,As per IS 4270									
	100 MMØ					Housing pipe 300 MMØ, 60 m				
	150 MMØ					0	-	Rmt	-	
	200 MMØ					0	-	Rmt	-	
	300 MMØ					164	2,546.43	Rmt	4,17,615	
						60	3,794.68	Rmt	2,27,681	

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
	MSERW Pipe slotted pipe as per IS 8110									
	100 MMØ slotted pipe					0	-	Rmt	-	
	150 MMØ slotted pipe					0	-	Rmt	-	
	200 MMØ slotted pipe					36	3,828.43	Rmt	1,37,823	
	300 MMØ slotted pipe					0	-	Rmt	-	
5	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure					1	32,249.79	LS	32,250	
6	MS fittings such as ring & centre guide					260	471.02	Rmt	1,22,465.20	Ref: 7.7 of IS 2800-2019
7	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc. SOR NO. 4									As per RFP.
	Lowering up to 100 Mtr. Deep									
	100 MMØ MSERW Plane/Slotted Pipe					0	-	Rmt	-	
	150 MMØ MSERW Plane/Slotted Pipe					0	-	Rmt	-	
	200 MMØ MSERW Plane/Slotted Pipe					40	389.45	Rmt	15,578.00	
	300 MMØ MSERW Plain/Slotted Pipe					60	489.31	Rmt	29,358.60	
	Lowering from 101 Mtr. To 200 Mtr. Deep									
	150 MMØ MSERW Plane/Slotted Pipe deep 101 to 200 m					0	-	Rmt	-	
	200 MMØ MSERW Plane/Slotted Pipe deep 101 to 200 m					100	589.97	Rmt	58,997.00	
	300 MMØ MSERW Plain/Slotted Pipe deep 101 to 200 m					0	-	Rmt	-	
	Lowering from 201 Mtr. To 300 Mtr. Deep									
	150 MMØ MSERW Plane/Slotted Pipe deep 201 to 300 m					0	-	Rmt	-	
	200 MMØ MSERW Plane/Slotted Pipe deep 201 to 300 m					60	678.69	Rmt	40,721.40	
	300 MMØ MSERW Plane/Slotted Pipe deep 201 to 300 m					0	-	Rmt	-	
	Lowering from 301 Mtr. To 400 Mtr. Deep & above									
	150 MMØ MSERW Plane/Slotted Pipe 301 to 400 m Deep and above					0	-	Rmt	-	
	200 MMØ MSERW Plane/Slotted Pipe 301 to 400 m Deep and above					0	-	Rmt	-	
	300 MMØ MSERW Plane/Slotted Pipe 301 to 400 m Deep and above					0	-	Rmt	-	