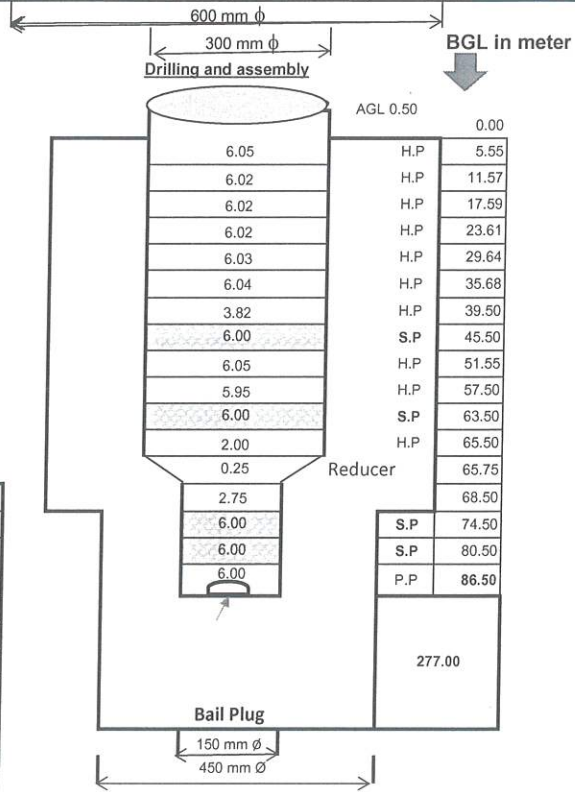


M/S Afcons Infrastructure Limited, Mumbai

Regd. Office- AFCONS House, 16, Shah Industrial Estate, Veera Desai Road, Azadnagar, Andheri (W), Mumbai 400013
Under Jal Jeevan Mission, District- Jaunpur (U.P.)

Actual TW Assembly of GP-Bodari TW, Block-Dobhi, Dist. Jaunpur



PHYSICAL STRATA

S.No.	BGL in meter		Formation
	From	to	
1	0	16	Clay
2	16	30	F.S.
3	30	85	F.S. + Kankar
4	85	160	M.S. + Kankar
5	160	277	F.S.

Logging Report

Date of Logging-04-05-2024

S.N.	Depth (Mbg)		Thickness (m)	Expected Water Quality	Remarks
	From	to			
1	16	20	4	Good	
2	23	26	3	Good	
3	30	46	16	Good	
4	57	64	7	Good	
5	68	81	13	Good	
6	127	134	7	Moderate	
7	152	156	4	Moderate to Marginal	

Note:-

1	Find bands of Kankar are intermixed with almost all the zones.
2	Quality of Ground water is deterioration Marginal to Saline below 172.0 m bg to till depth logged.
3	Please ensure pre-monsoon water level before lower the well assembly.

Reaming Details

S.No.	Date of lowering	08-05-2024
1	Depth of bore 600mm ϕ	66.00 Mtr
2	Depth of bore 450mm ϕ	211.00 Mtr

Pipe Lowering Details

3	Housing pipe 300 mm ϕ	54.00 m
4	Slotted pipe 300 mm ϕ	12.00 m
5	Plane pipe 150 mm ϕ	8.75 m
6	Slotted pipe 150 mm ϕ	12.00 m
7	300x150 mm ϕ Reducer	0.25 m
Total		87.00 m

(Signature)
Company Repre.

M/S Afcons Infrastructure Ltd
Jaunpur (U.P.)

(Signature)
TPIA

Medhaj Techno Concept Pvt. Ltd., Jaunpur

(Signature)
(Aditya Singh)
Junior Engineer

(Signature)
(Sudhanshu Singh)
Assistant Engineer, SWSM

(Signature)
(Adarsh Verma)
Exe. Engineer

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

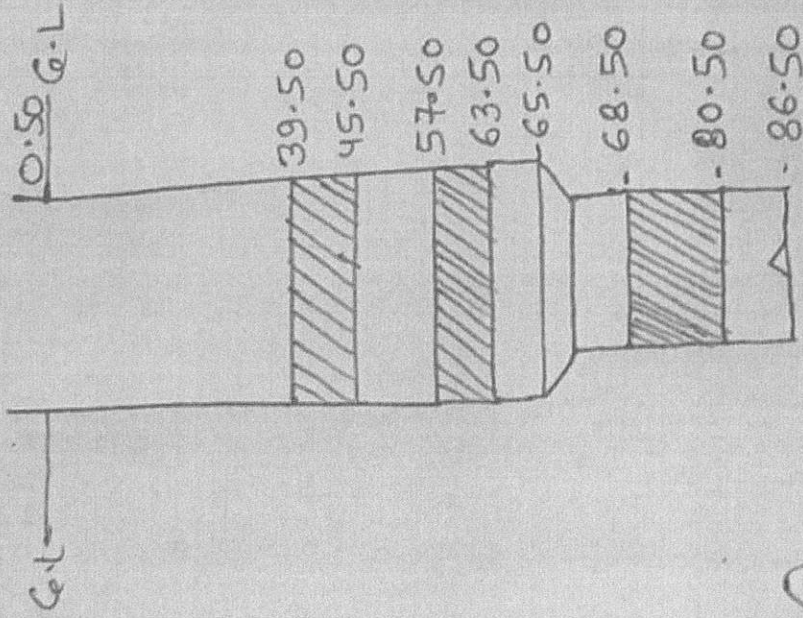
MIS Afcon's

LPM - 1050

G.P. - Bodaxi Majhli (Dobhi)

Logging report

1.	16	20	4	} Good
2.	23	26	3	
3.	30	46	16	
4.	57	64	7	
5.	68	81	13	
6.	127	134	7 - Moderate	
7.	152	156	4 - mod. to Mar.	



Assembly details

- φ 300 plain - 54.00 mtr
 - φ 300 slotted - 12.00 mtr
 - φ 150 plain - 8.75 mtr
 - φ 150 slotted - 12.00 mtr
 - φ 300 X 150 reduca - 0.25 mtr
- Total. 87.00 mtr

[Signature]
J.E.

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 53

Dated: 04-05-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bodari Majhli
Block: Dobhi
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 04-05-2024
Drilling Depth: 280.0 m bgl
Logging Depth: 277.0 m bgl
Rm – 6.5 Ωm Rw – 12.0 Ωm

Latitude: 25.626884 Longitude: 83.047467

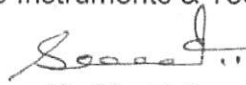
Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur, U. P.

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.	16 – 20	04	Good
2.	23 – 26	03	Good
3.	30 – 46	16	Good
4.	57 – 64	07	Good
5.	68 – 81	13	Good
6.	127 – 134	07	Moderate
7.	152 – 156	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 172.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

ESTIMATE FOR
 BODARI & MAJHILI VILLAGE WATER SUPPLY SCHEME
 UNDER - SWSM
 BLOCK- DOBHI , DISTRICT- JAUNPUR,
 Discharge 1050 LPM
 Head 48 M
 Drilling depth of Tube well 275 M ✓
 Lowering of Tube well 250 M ✓
 Size of Tube well 300 X 150 mm ✓

ESTIMATE & DETAILED MEASUREMENT FOR TUBEWELL CONSTRUCTION

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
2	DC/RC Drilling including Hiring transportaion, erection, dismantling with loading and unloading of Rig and assosiated T&P complete in all respect including required all material labour & T&P etc.									As per RFP.
-	DC/RC Drilling up to 100Mtr.									
2.02	450 MMØ	34.0				34.00	2,458.39	Mtr.	83,585.26	
2.04	600 MMØ	66.0				66.00	3,246.22	Mtr.	214,250.52	
-	DC/RC Drilling from 101 Mtr. To 200 Mtr.Deep									
2.06	450 MMØ	100.0				100.00	2,778.52	Mtr.	277,852.00	
-	DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep									
2.10	450 MMØ	75.0				75.00	3,163.42	Mtr.	237,256.50	
3.00	Tubwell Assembly:	-								
-	MSERW plain pipe,As per IS 4270	-								
3.02	150 MMØ	154.0				154.00	2,000.00	Mtr.	308,000.00	
3.04	300 MMØ	60.0				60.00	3,990.00	Mtr.	239,400.00	
-	MSERW Pipe slotted pipe as per IS 8110	-								
3.06	150 MMØ	36.0				36.00	3,080.00	Mtr.	110,880.00	
-	Ms Ring	-								
3.10	150 MMØ Ms. Ring made by 150 mm x 12 mm Flat	40.0				40.00	1,270.00	No.	50,800.00	
3.12	300 MMØ Ms. Ring made by 175 mm x 16 mm Flat	13.0				13.00	2,070.00	No.	26,910.00	
-	Ms Bail Plug As Per IS 2800	-								
3.14	150 MMØ Ms Bail Plug	1.0				1.00	1,725.00	No.	1,725.00	
-	Reducer-	-								
3.19	300 x 150 mm Reducer	1.0				1.00	5,500.00	No.	5,500.00	
-	MSSI Clap- As Per IS 2800	-								
3.25	300 mm Ø MS SI Clap	1.0				1.00	4,050.00	No.	4,050.00	
-	TW ASSY Support-	-								
3.29	300 mm Ø Tubewell assembly Support	1.0				1.00	17,500.00	No.	17,500.00	
-	MS Well Cap-	-								
3.33	300 mm Ø MS Well Cap	1.0				1.00	1,550.00	No.	1,550.00	
-	Center Guide-	-								
3.34	Center Guide For 150 mm Ø TW Assembly	9.0				9.00	920.00	No.	8,280.00	
4.00	Lowering of above Tubewell assembly including Carting upto site and welding of parts complete in all respect with all required material, T&P, labour, etc.									
-	Lowering up to 100 Mtr. Deep	-								
4.02	150 MMØ MSERW Plane/Slotted Pipe	40.0				40.00	319.00	Mtr.	12,760.00	
4.04	300 MMØ MSERW Plain/Slotted Pipe	60.0				60.00	490.00	Mtr.	29,400.00	
-	Lowering from 101 Mtr. To 200 Mtr. Deep									
4.06	150 MMØ MSERW Plane/Slotted Pipe	100.0				100.00	407.00	Mtr.	40,700.00	