

M/S MAHALAXMI TUBE WELL

Geophysical Well Logging Report

Ref No- 527

Date 03/03/2022

Site Location :- Village – Umri Madhougarh Nadigaon

District :- Jaloun

Logged Depth :- 96 M BGL

Date of Logging :- 09/03/2022

Types of Log :- S.P & N-16, N-64 LAT

Logger used :- IGIS

The following permeable granular zones have been deciphered with the help of Electrical Logger .

Depth Range From M.B.G.L	Depth Range M.B.G.L.	Thickness Mtrs.	Inferred Litho logy	Quality of G.W.
48	60	12	Medium Sand	Good
70	76	06	Medium Sand	Good
80	90	10	Medium Sand	Good

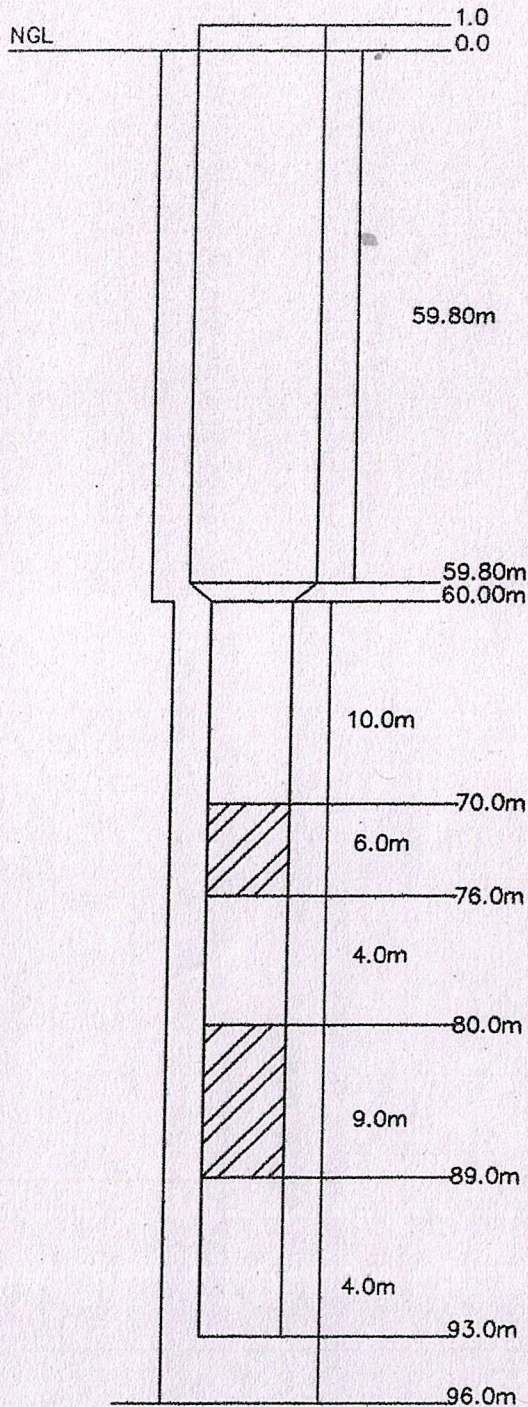
M/s Mahalaxmi Tube Well

Prop

PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : -UMRI MADHOGARH GP WSS
 NAME OF SITE : -UMRIMADHOGARH
 BLOCK : -NADIGAON
 NAME OF COMPANY : -BGCCPL
 TYPE OF RIG M/C : -D.C.

DISTRICT : -JALAUN (ORAI)
 SIZE OF BORE : -500 X 450 MM
 SIZE OF ASSEMBLY : -200 X 150 MM
 SPRING WATER LEVEL: -.....MTR



LOGGING DATE: - 25/01/22

LPM REQUIRED: - 380

Sr.N	Depth Range (M)	Thickness (M)	Remark
1	48 TO 60	12	GOOD
2	70 TO 76	06	GOOD
3	80 TO 90	10	GOOD
4			
5			
6			
7			
8			
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10			

Abstract

1. Drilling completed on dt.....
2. Lowering on Dt.....
3. Drilling Depth 96 .M
4. 200 mm Dia Housing pipe.....M
5. 200x150 mm Dia reducer...0.25.M
6. 150 mm Dia Plain pipe.....M
7. 150 mm Dia Slotted Pipe.....M
8. Total Assy. Length.....M
9. Pea Gravel Quality.....

[Signature]

[Signature]

Proposed By

RECOMMENDED BY

APPROVED BY

JR. ENGINEER

ASS. ENGINEER

EXECUTIVE ENGINEER

YIELD TEST REPORT				
NAME OF SCHEME		Tabewell Scheme		
LOCATION OF T/W		Armei madhogaon		
REQUIRED DISCHARGE AS PER SCHEME		200		
DATE OF TESTING		12/6/22		
TASTE OF WATER		Sweet		
PHYSICAL WATER QUALITY		Good		
S.No.	S.W.L. IN MTR.	R.W.L. IN MTR.	DEPRESSION IN MTR.	DISCHARGE IN LPM
	12	20	2	1200
REMARKS:-				
RECOMMENDED DISCHARGE				
		 NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER		

DATE OF TEST:- 12/5/22		Village: Armei madhogaon		ST PR.	
DISCHARGE		KG/CM ²		LPM	
INC.					
		5.80			
		8.50			
		8.30			
		11.90			

Note: Recommended for further development



 T.P.I.

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 7/5/22		STATIC W/L 18		TEST OF WATER		Sweet	
Village: Umel Madhigam		Nadigam					
DISCHARGE		ST PR.		RU PR		Depre	
INC	LPM	KG/CM ²	KG/CM ²	KG	MTR	SAND CONTENTS	
						START	5 MIN
		5.80	8.30	0.40	5.00	3500	3000
		8.50	7.80	7.80	6.00	4150	3200
		8.30	8.00	7.01	7.00	4500	2300
		11.90	11.10	8.0	8.00	4600	2500
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AMBILE TESTING AND RESEARCH LABS

(TESTING DIVISION)

Plot No. 24, Chasra No. 262, Mutakki, JIM Road, Lucknow (U.P.)-226013

Contact: 9695228117, 8948232581

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TC-6038

TEST REPORT

Issued To	M/s Brij Gopal Construction Company Pvt. Ltd., A -7/2, Shivaji Apartment Sector -14, Rohini, New Delhi-110085.	Job Order No.	ATRL/LKO/2022/06/21/13
		ULR No.	TC603822000002712F
		Date of Receiving	21/06/2022
		Date of Testing Start	24/06/2022
		Date of Completion	25/06/2022
		Date of Reporting	25/06/2022
		Sample Condition	Seal Packed
		Sample Quantity	5 ltr.
		Environment Condition	Ambient Temperature
Description	Drinking Water		
Village Name	UMRI MADHOGARH , Block – NADIGAON		
Letter No.	148/BGCC –Jalaun/2022 - 23	Dated:- 20.06.2022	
Name of Work	Construction of KOTA MUSTKIL, RAIPURA and MADHEPURA Group of villages Water Supply Scheme (Surface Water) and Electric /Solar based pipe Ground Water Supply Schemes (270 Nos.) in Villages of Blocks, District Jalaun with relevant works including commissioning and Operation and Maintenance for 10 Years.		

TEST RESULTS

Drinking Water As Per IS: 10500-2012 RA-2018

S. No.	Parameters	Results	Requirement As Per IS: 10500-2012 RA-2018		Test Method
			Acceptable Limit	Permissible Limit	
1.	pH Value, at 27°C	7.31	6.5 to 8.5	No relaxation	IS:3025 (Pt-11)-2022
2.	Turbidity, NTU	0.2	1 Max	5 Max	IS:3025 (Pt-10)-1984 (RA - 2017)
3.	Total Dissolved Solids, mg/l	294	500 Max	2000 Max	IS:3025 (Pt-16)-1984 (RA - 2017)
4.	Total Hardness (as CaCO ₃), mg/l	161	200 Max	600 Max	IS: 3025(Pt-21)-2009 (RA - 2019)
5.	Iron (as Fe), mg/l	0.198	1.0 Max	No relaxation	IS: 3025(Pt-53)-2003 (RA - 2019)
6.	Nitrate (as NO ₃), mg/l	2.24	45 Max	No relaxation	IS: 3025(Pt-34)-1988 (RA - 2019)
7.	Fluoride (as F), mg/l	0.172	1.0 Max	1.5 Max	IS: 3025(Pt-60)-2008 (RA - 2019)
8.	Sulphate (as SO ₄), mg/l	57	200 Max	400 Max	IS: 3025(Pt-24)-1986 (RA - 2019)
9.	Alkalinity as Phenolphthalein (H ₂ SO ₄), mg/l	28	---	---	IS:3025 (Pt-23)-1986 (RA - 2019)
10.	Alkalinity as Methyl Orange (NaOH)/ Total Alkalinity , mg/l	129	200 Max	600 Max	IS: 3025(Pt-23)-1986 (RA - 2019)
11.	Chloride (as Cl), mg/l	31	250 Max	1000 Max	IS: 3025(Pt-32)-1988 (RA - 2019)
12.	Conductivity, (μmhos/cm)	240	----	----	IS-3025 (P-14)-1984 (RA - 2019)

Note:- With respect to the above test sample complies with specification IS: 10500-2012 RA:2018 and with decision rule ATRL/MSF/7.8.6.2 C.

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****End of Report****



Mamtesh

Authorized Signatory
Mamtesh Prajapati
(Quality Manager)

Note: Terms & Conditions are Printed Overleaf