

(162) (40)
M/S MAHALAXMI TUBEWELL
Geophysical Well Logging Report

Date 28/05/2022

Ref No - 969

Site Location : - Village – Uncha Madhougarh Jaaoun

District : - Jalaun

Logged Depth : - 101 M BGL

Date of Logging : - 27/05/2022

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.

Sr. No	Depth Range From M.B.G.L	Depth Range M.B.G.L.	Thickness Mtr.	Inferred Lithology	Quality of G.W.
1	0	60	60	Surface Clay Kankar	
2	60	80	20	Sandy Kankar	Good
3	80	88	08	Clay	
4	88	98	10	Fine To medium Sand	Good

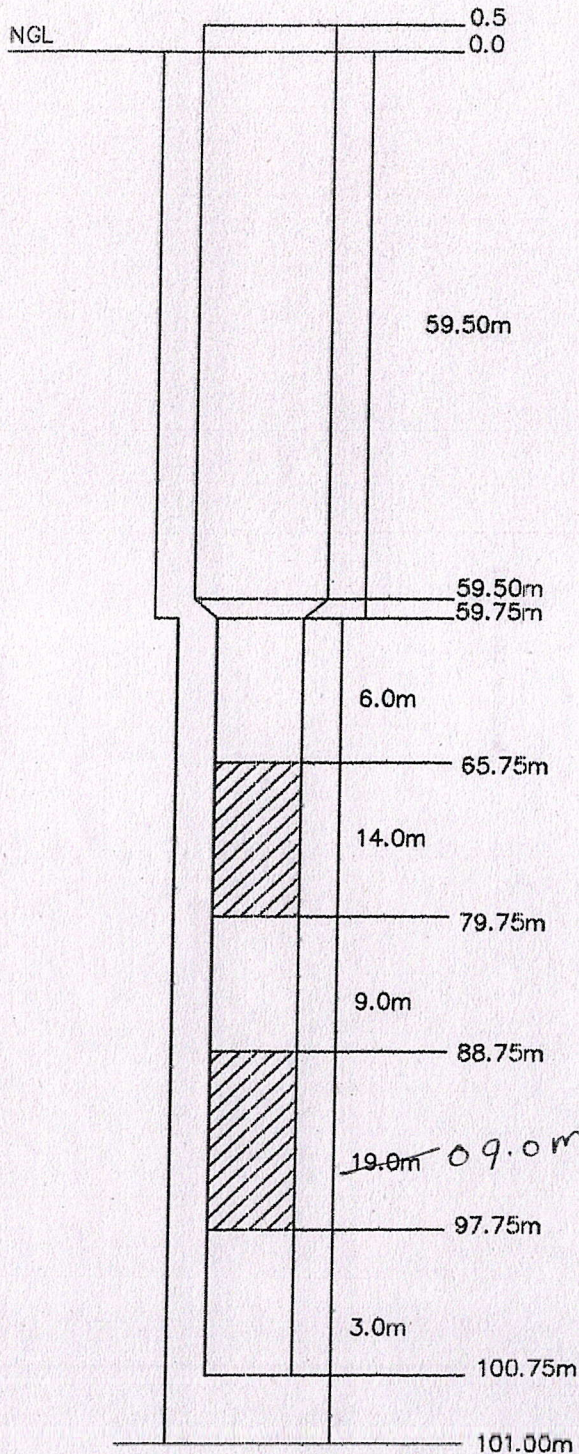
Encl : - E. Logs

(For M/s Mahalaxmi Tubewell)

PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : -UNCHA GP WSS
 NAME OF SITE : -UNCHA
 BLOCK : -MADHOGARH
 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: - 27/05/2022

LPM REQUIRED: -199.8

Sr.N	Depth Range (M)	Thickness (M)	Remark
1			GOOD
2	60 TO 80	20	
3	88 TO 98	10	
4			
5			
6			
7			
8			
9			
10			

Abstract

1. Drilling completed on dt.....
2. Lowering on Dt.....
3. Drilling DepthM
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]

Proposed By

RECOMMENDED BY

APPROVED BY

JR. ENGINEER

ASS. ENGINEER

EXECUTIVE ENGINEER

YIELD TEST REPORT				
NAME OF SCHEME		Tubewell Scheme		
LOCATION OF T/W		Anchay madhogach		
REQUIRED DISCHARGE AS PER SCHEME		200		
DATE OF TESTING		15/6/22 15/6/22		
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
	15	18	3	1020.5
REMARKS:-				
RECOMMENDED DISCHARGE				
 BGCC		 NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER	SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER	

DATE OF TEST:- 11/6/22		ST.PR.		KG/CM ²		5080	
Village: Anchay		DISCHARGE		LPM		8050	
INC						8030	
						1100	

Note: Recommended for further development



YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 11/6/22		STATIC W/L 15		TEST OF WATER							Sweet		
Village: Amchar		Block - Madhoganah											
DISCHARGE		ST. PR.	RU PR	Depre		SAND CONTENTS			10 MIN	15 MIN	20 MIN	25 MIN	REMARKS
INC	LPM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN						
		5080	8030	0.40	5.04	3850	3000		2000	1350	900		
		8050	7080	7080	6050	4150	3200		2100	1800	800		
		8030	8000	701	7050	4500	2300		2300	1300	1100		
		11000	11010	800	8050	4600	2500		2500	1800	1300		

Note: Recommended for further development by O.P. Unit.



T.P.I.



AMBILE TESTING AND RESEARCH LABS

36 (TESTING DIVISION)

Plot No. 15, Khasra No. 262, Mutakkipur, IIM Road, Lucknow (U.P.)-226013

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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/2022/06/21/12
		ULR No.	: TC603822000002711F
		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	: ONCHA, Block - MADHOGARH		
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	7.85	6.5 to 8.5	No relaxation	IS:3025 (Pt-11)-2022
2.	Turbidity, NTU	0.1	1 Max	5 Max	IS:3025 (Pt-10)-1984 (RA - 2017)
3.	Total Dissolved Solids, mg/l	321	500 Max	2000 Max	IS:3025 (Pt-16)-1984 (RA - 2017)
4.	Total Hardness (as CaCO ₃), mg/l	172	200 Max	600 Max	IS: 3025 (Pt-21)-2009 (RA - 2019)
5.	Iron (as Fe), mg/l	0.147	1.0 Max	No relaxation	IS: 3025 (Pt-53)-2003 (RA - 2019)
6.	Nitrate (as NO ₃), mg/l	1.99	45 Max	No relaxation	IS: 3025 (Pt-34)-1988 (RA - 2019)
7.	Fluoride (as F), mg/l	0.165	1.0 Max	1.5 Max	IS: 3025 (Pt-60)-2008 (RA - 2019)
8.	Sulphate (as SO ₄), mg/l	52	200 Max	400 Max	IS: 3025 (Pt-24)-1986 (RA - 2019)
9.	Alkalinity as Phenolphthalein (H ₂ SO ₄), mg/l	38	---	---	IS:3025 (Pt-23)-1986 (RA - 2019)
10.	Alkalinity as Methyl Orange (NaOH)/ Total Alkalinity, mg/l	134	200 Max	600 Max	IS: 3025 (Pt-23)-1986 (RA - 2019)
11.	Chloride (as Cl), mg/l	35	250 Max	1000 Max	IS: 3025 (Pt-32)-1988 (RA - 2019)
12.	Conductivity, (μmhos/cm)	239	---	---	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