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M/S MAHALAXMI TUBEWELL

Geophysical Well Logging Report

Ref No - 925

Date 21/05/2022

Site Location : - Biriya Madhoogarh Jaloun

District : - Jaloun

Logged Depth : - 86 M BGL

Date of Logging : - 20/05/2022

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	31	31	Surface Clay Kankar	
2	31	37	06	Sandy Kankar	Good
3	37	49	12	Clay Kankar	
4	49	53	04	Fine to Medium sand	Good
5	53	72	19	Clay	
6	72	86	14	Fine to Medium sand	Good

Encl : - E. Logs

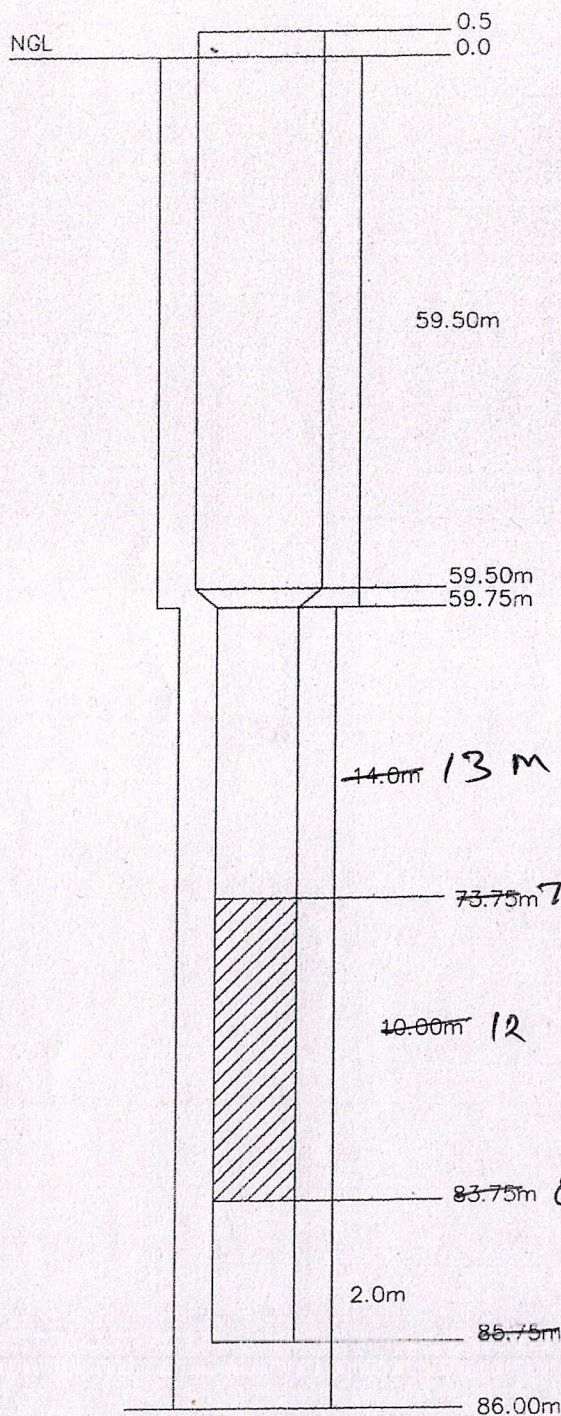


(For M/s Mahalaxmi Tubewell)

PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : -BIRIYA MADHOGARH GP WSS
 NAME OF SITE : -BIRIYA MADHOGARH
 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: - 20/05/2022

LPM REQUIRED: - 310.2

Sr.N	Depth Range (M)	Thickness (M)	Remark
1			GOOD
2	72 TO 86	14	
3			
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...0.25M
6. 150 mm Dia Plain pipe.....M
7. 150 mm Dia Slotted Pipe.....M
8. Total Assy. Length.....M
9. Peg Gravel Quality.....



Proposed By

[Signature]

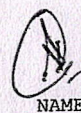
RECOMMENDED BY

JR. ENGINEER

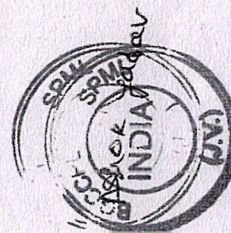
ASS. ENGINEER

APPROVED BY

EXECUTIVE ENGINEER

YIELD TEST REPORT				
NAME OF SCHEME		Tabewell Scheme		
LOCATION OF T/W		Bisriya madhagarh		
REQUIRED DISCHARGE AS PER SCHEME				
DATE OF TESTING		22/6/22		
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	17	2	
REMARKS:-				
RECOMMENDED DISCHARGE				
 BGCC		 NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER		SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER

DATE OF TEST:- 21/6/22		ST. PR.		
Village: Bisriya madh		DISCHARGE		
IFC	LPM	KG/CM ²		
		5080		
		8.50		
		8.30		
		11.50		
Note: Recom mended for further developme				

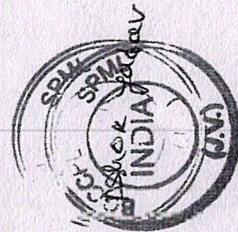


T. P. I.

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 21/9/22			STATIC W/L			TEST OF WATER					Sweet		
Village:		Birga Madhupur											
DISCHARGE		ST.PR.	RU PR	Depre		SAND CONTENTS							
INC	LPM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN	10 MIN	15 MIN	20 MIN	25 MIN	REMARKS	
		5080	3030	0.40	8.00	3500	3000	2000	1300	900			
		8050	7080	7080	6.00	4150	3200	2100	1800	800			
		8030	8000	701	7.00	4500	2300	2300	1300	1100			
		11000	11010	800	8.00	4600	2500	2500	1800	1300			
Note: Recommended for further development by O.P. Unit.													

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



T.P. I.

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/2022/06/03/10
		ULR No.	: TC603822000002344F
		Date of Receiving	: 03/06/2022
		Date of Testing Start	: 04/06/2022
		Date of Completion	: 07/06/2022
		Date of Reporting	: 07/06/2022
		Sample Condition	: Seal Packed
		Sample Quantity	: 5 ltr.
		Environment Condition	: Ambient Temperature
Description	: Drinking Water		
Village Name	: BIRIYA MADHOGARH, Block - MADHOGARH		
Letter No.	: 148/BGCC -Jalaun/2022 - 23		
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.		

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Dated:- 02.06.2022

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	8.24	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	342	500 Max	2000 Max	IS:3025 (Pt-16)-1984 (RA - 2017)
4.	Fluoride (as F), mg/l	0.134	1.0 Max	1.5 Max	IS: 3025(Pt-60)-2008 (RA - 2019)
5.	Iron (as Fe), mg/l	0.119	1.0 Max	No relaxation	IS: 3025(Pt-53)-2003 (RA - 2019)
6.	Nitrate (as NO ₃), mg/l	3.14	45 Max	No relaxation	IS: 3025(Pt-34)-1988 (RA - 2019)
7.	Sulphate (as SO ₄), mg/l	63	200 Max	400 Max	IS: 3025(Pt-24)-1986 (RA - 2019)
8.	Total Hardness (as CaCO ₃), mg/l	179	200 Max	600 Max	IS: 3025(Pt-21)-2009 (RA - 2019)
9.	Alkalinity as Phenolphthalein (H ₂ SO ₄), mg/l	45	---	---	IS:3025 (Pt-23)-1986 (RA - 2019)
10.	Alkalinity as Methyl Orange (NaOH)/ Total Alkalinity, mg/l	183	200 Max	600 Max	IS: 3025(Pt-23)-1986 (RA - 2019)
11.	Chloride (as Cl), mg/l	45	250 Max	1000 Max	IS: 3025(Pt-32)-1988 (RA - 2019)
12.	Conductivity, (μmhos/cm)	306	----	----	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****



Authorized Signatory
Mamtesh Prajapati
(Quality Manager)

Note: Terms & Conditions are Printed Overleaf