



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q12G

Ref: GIC/JJM/ Jalaun/102

Date: 28.06.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Rudauli Madhogarh
Block - Nadigaon
Distt. - Jalaun

Drilling Depth : 110 mbgl - as reported by driller

Logged Depth : 105 mbgl

Date of Logging : 28.06.22

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

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

Depth Range (m)		Thickness (m)	Probable Strata	Quality
From	To			
45	50	5	Fine sand	Good
75	81	6	Medium sand	Good
90	99	9	Medium to coarse sand	Good

Recommendations:

Based on the strata samples, Electrical Log interpretation, following granular zones are recommended for putting screens against them in tubewell assembly.

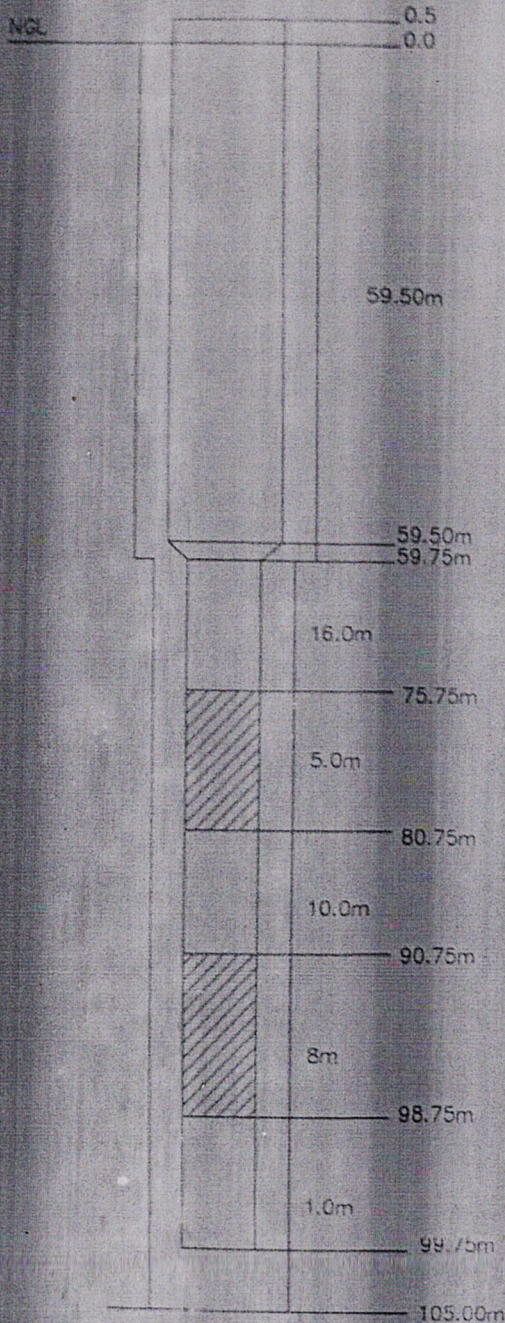
Depth Range (m)		Length (m)
75	81	6
90	99	9
Total		15

(A.K. Singh)
Geophysicist

PROPOSED ASSEMBLY CHART OF TUBEWELL

OF SCHEME :- RUDALI MADHOGARH GP
 OF SITE :- RUDALI MADHOGARH
 :- NADIGAON
 OF COMPANY :- BGCCPL
 OG 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:- 28/06/2022

LPM REQUIRED:- 200

Sr.N	Depth Range (M)	Thickness (M)	Remark
1			GOOD
2	75 TO 81	6	
3	90 TO 99	9	
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]

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RECOMMENDED BY

APPROVED BY

JR. ENGINEER

ASS. ENGINEER

EXECUTIVE ENGINEER

REQUEST FOR INSPECTION

PROJECT	Construction of Kota Muskil, Raipura and Madapura 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 .
PI NO	
ATE	
CLIENT	STATE WATER AND SANITATION MISSION (SWSM)
CONTRACTOR	BRIJ GOPAL CONSTRUCTION COMPANY PVT. LTD. & SPML (JV)
CONTRACT NO.	ED/35/2020-21 DATE:-19.12.2021
ODE NO-	
LOCATION	

S.No.	DESCRIPTION OF WORK
	Compressor

NAME OF SITE ENGINEER (GCC)		DATE & TIME OF INSPECTION
SIGNATURE OF SITE ENGINEER (BGCC)	<i>[Signature]</i>	

INSPECTION BY-

SM/JAL NIGAM	PMC/TPI	<i>[Signature]</i>	DATE & TIME OF INSPECTION
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REMARKS:-

NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER	<i>[Signature]</i> Vivek Agnihotri TPS	SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER	<i>[Signature]</i>
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YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:-

STATIC W/L

TEST OF WATER

Village: *Padgaoli Madhogaon*

INC	DISCHARGE LPM	ST. PR. KG/CM ²	RU PR		Depre		SAND CONTENTS					25 MIN	REMARKS
			KG/CM ²	KG	MTR		START	5 MIN	10 MIN	15 MIN	20 MIN		
		5.80	5.30	0.40	5.00		3500	3000	2000	1600	600		
		8.50	7.80	7.80	6.00		4150	3200	2100	1800	800		
		8.30	8.00	7.01	7.00		4500	2300	2300	1300	1100		
		11.80	11.10	8.60	8.00		4600	2500	2500	1800	1300		

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

