



# (Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Jalaun/101

Date : 22.06.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Satraju  
Block - Maheva  
Distt. – Jalaun

Drilling Depth : 105 mbgl – as reported by driller

Logged Depth : 100 mbgl

Date of Logging : 22.06.22

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

Logger Used : Upton

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

Depth Range (m)		Thickness (m)	Probable Strata	Quality
From	To			
55	65	10	Medium sand	Good
72	83	11	Medium sand	Good
90	96	6	Medium 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)
55	65	10
72	83	11
90	96	6
Total		27

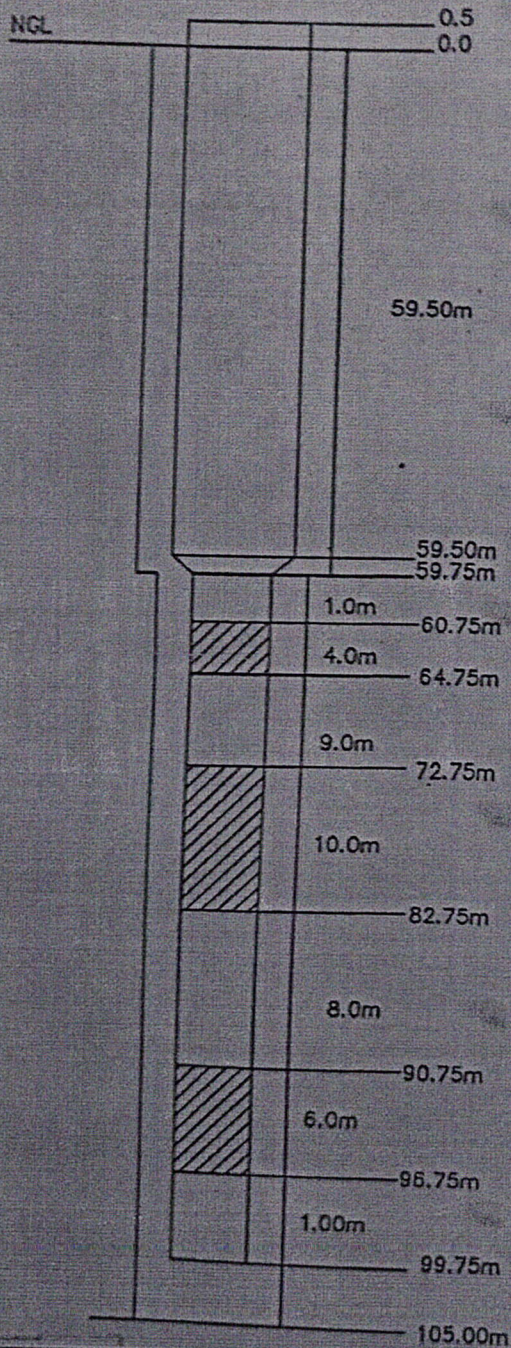




# PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME :- SATRAJHU GP WSS  
 NAME OF SITE :- SATRAJHU  
 BLOCK :- MAHEWA  
 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



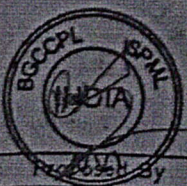
LOGGING DATE:- 22/06/2022

LPM REQUIRED:-270

Sr.N	Depth Range (M)	Thickness (M)	Remark
1			GOOD
2	55 TO 65	10	
3	72 TO 83	11	
4	90 TO 96	6	
5			
6			
7			
8			
9			
10			

## Abstract

1. Drilling completed on dt.....
2. Lowering on Dt.....
3. Drilling Depth .....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.....

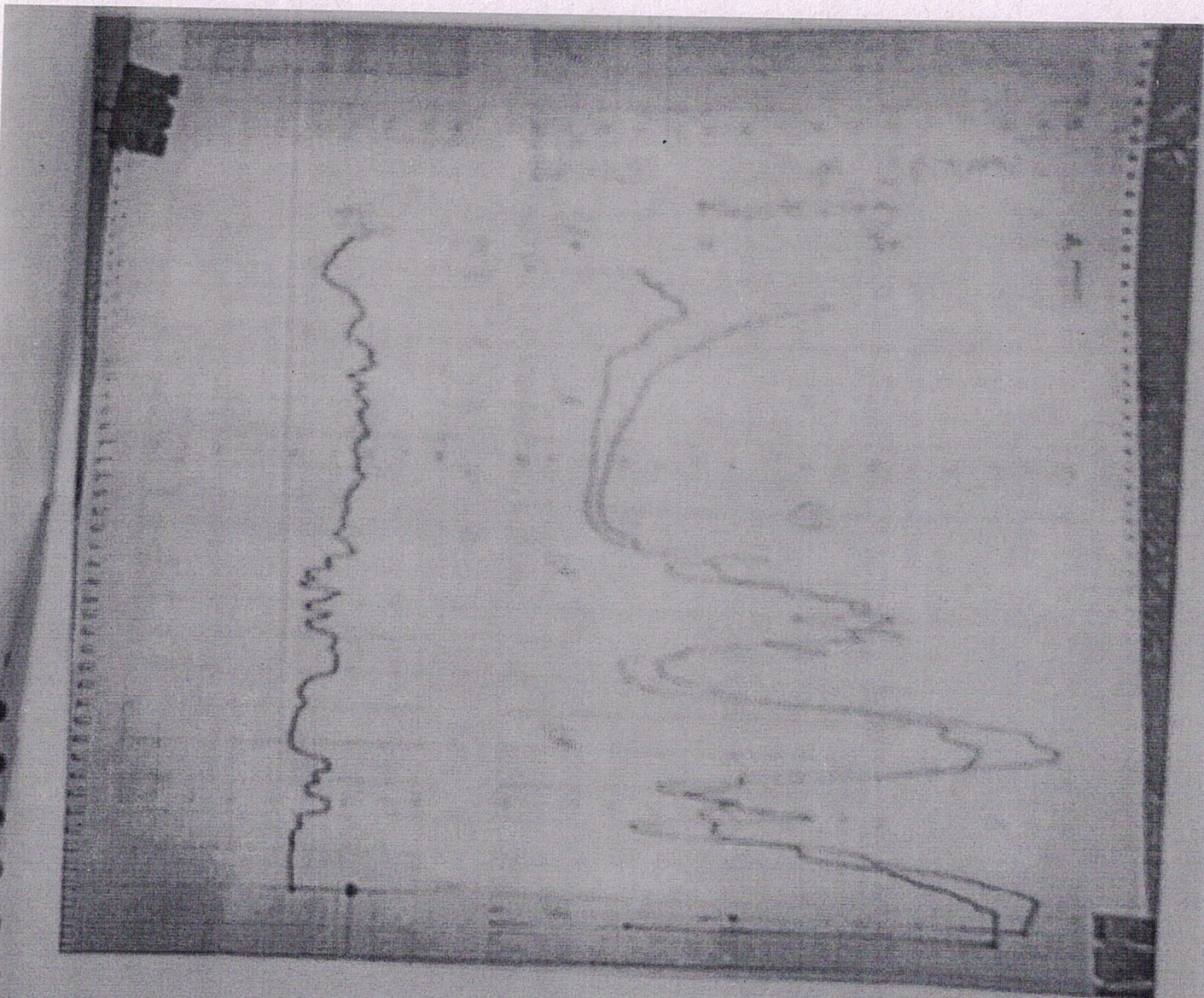


RECOMMENDED BY  
 JR. ENGINEER

ASS. ENGINEER

APPROVED BY  
 EXECUTIVE ENGINEER







REMARKS

## REQUEST FOR INSPECTION

PROJECT	Construction of Kota Muskil, Raipura and Madepura 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.		
IFTI NO			
DATE			
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		
NODE NO-			
LOCATION			
S.No.	DESCRIPTION OF WORK		
	create discharge checking by OP unit		
NAME OF SITE ENGINEER (BGCC)		DATE & TIME OF INSPECTION	
SIGNATURE OF SITE ENGINEER (BGCC)	Yogesh		
INSPECTION BY-			
SWSM/JAL NIGAM		PMC/TPI	DATE & TIME OF INSPECTION
REMARKS:-			
NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER	Vivek Agnihotri TPI		SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER



# YIELD TEST REPORT

Q70 Taberwell Schemes

Sabir Jhu

Q70

10/7/22

Over

Good

W.P.L. IN MM.

23

W.P.L. IN MM.

23

DEPRESSION IN MM.

2

DISCHARGE IN LPM

1830



Sabir Jhu

WATER

WATER



# YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:-

STATIC W/L

TEST OF WATER

Sweat

Village: Salsaidhu

DISCHARGE		ST. P.R.	RU PR	Depre		SAND CONTENTS					REMARKS	
INC	LPM	KG/CM <sup>2</sup>	KG/CM <sup>2</sup>	KG	MTR	START	5 MIN	10 MIN	15 MIN	20 MIN		25 MIN
		5.80	5.30	0.40	5.00	3500	3000	2000	1800	600		
		8.50	7.80	7.80	6.00	4150	3200	2100	1800	800		
		8.30	8.0	7.1	7.00	4800	2300	2300	1300	1100		
		11.80	11.10	8.0	8.00	4600	2500	2500	1400	1300		

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

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