



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Jalaun/63

Date: 02.10.21

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Ralla
Block - Kadaura
Distt. - Jalaun

Drilling Depth : 101 mbgl

Logged Depth : 98 mbgl

Date of Logging : 02.10.21

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

Logger Used : Upton

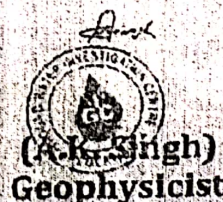
The following permeable granular zones have been deciphered with the help of Electrical Logger.

Depth Range (m)		Thickness (m)	Probable Strata	Quality
From	To			
35	42	7	Medium sand	Good
51	60	9	Medium to coarse sand	Good
75	93	18	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)
51	60	9
75	93	18
Total		27



PROPOSED TUBE WELL ASSEMBLY DETAIL CHART

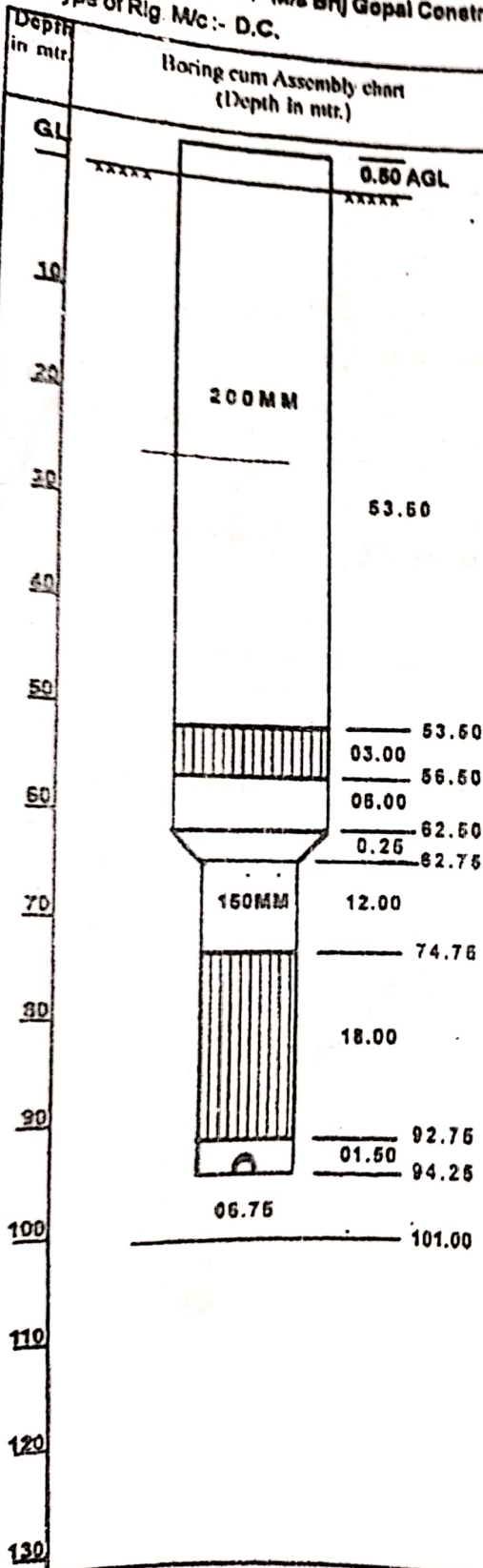
Name of Scheme:- JAL JEEVAN MISSION

District :- Jalaun

Name of T/W Site :- Village - Raila, Block - Kundauna

Name of Contractor :- M/s Brij Gopal Construction Co & BPML (JV)

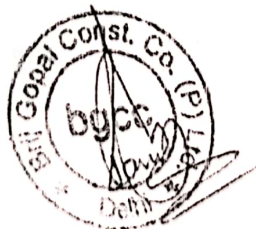
Type of Rig. Mc :- D.C.



DRILLING DEPTH - 101.00 Mtr
LOGGING DEPTH - 98.00 Mtr
LOGGING DATE - 02/10/2021

Sl. No.	Zones in Mt. B.G.L.	THICKNESS IN Mtr.	Remark
1	35.00-42.00	7.00	Medium Sand
2	51.00-60.00	9.00	Medium to Coarse Sand
3	75.00-93.00	18.00	Medium to Coarse Sand


Assistant Engineer,
Jhansi Khand- 1st
U.P. Jal Nigam Jhansi



Note- Not to Scale

YIELD TEST REPORT

Name of Scheme:- Tubewell Scheme,

Location of T/W:- Raik (Block Kachung)

Required discharge as per scheme:- 330 LPM, 319.3 LPM.

Date of testing:- 11-10-21

Taste of water:- Sweet

Physical water quality:- Sand & Dust free

Sr No	S.W.L. in mtr.	R.W.L. in mtr.	Depression in mtr.	Discharge in LPM
	26 mtr	27 mtr	1 mtr	1360 LPM

Remark

Recommended Discharge:- 330 LPM.

Water Sample Collected:- 5 Ltr ✓

Checked by:-

Chandrasekhar (SE)
BGCC
SR

✓
TPI/PMC
[Signature]
11/10/21

Jal Nigam/ SWSM

Project:- 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.

Client :- STATE WATER AND SANITATION MISSION (SWSM)

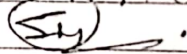
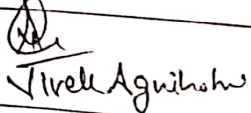
RFI No :-

Contractor :- BRIJ GOPAL CONSTRUCTION COMPANY PVT. LTD. & SPML (JV)

Date :- 10/10/21

Contract No:- ED/35/2020-21 Date:- 19.12.2021

REQUEST FOR INSPECTION (RFI)

S.NO.	DESCRIPTION OF WORK
1	OP Unit Discharge found - 1360 LPM
LOCATION	Baela Balaad Kodorg
Name of Site Engineer (BGCC)	Sheikh Hadeem
Signature of Site Engineer (BGCC)	
Date & Time of Inspection 11-10-21	
INSPECTION :-	
Inspection by :-	SWSM/ Jal Nigam ☐ PMC/TPI ☒
Date & Time of Inspection 11/10/21	
Comments / Remarks: ① Do proper & Gravel filling in Borewell.	
Name of SWSM/Jal Nigam /PMC/TPI Engineer	
Signature of SWSM/Jal Nigam / PMC/ TPI Engineer 	

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 8/10/21

STATIC W/L

TEST OF WATER

Sucreat

Village: RATILA (Kadagura)

DISCHARGE		ST.PR.	RU PR	Depre		SAND CONTENTS						REMARKS
INC	LPM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN	10 MIN	15 MIN	20 MIN	25 MIN	
		5.90	5.40	0.50	5.00	3600	3000	2000	1600	900		
		8.70	8.10	0.60	6.00	4200	3600	2400	1800	1000		
		9.60	8.90	7.0	7.00	4600	4000	2600	2000	1200		
		12.00	11.20	8.0	8.00	4800	4200	2800	2100	1400		

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

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 .		
RFI NO			
DATE	5/10/2021		
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	Raila , Block - Kadamra		
S.No.	DESCRIPTION OF WORK		
	Lowering Process at Borewell		
NAME OF SITE ENGINEER (BGCC)	Sekh Halum	DATE & TIME OF INSPECTION	
SIGNATURE OF SITE ENGINEER (BGCC)		06/10/2021	11:00 Am
INSPECTION BY-			
SWSM/JAL NIGAM		DATE & TIME OF INSPECTION	
PMC/TPI		06/10/21 12:00 P.M.	
REMARKS:-			
① Ensure the all welding work should be do properly.			
NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER	Nivedita Agnihotri	SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER	