



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/56

Date : 27.09.21

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 78 mbgl

Logged Depth : 76 mbgl

Date of Logging : 27.09.21

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			
50	54	4	Fine sand	Good
54	73	19	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)
54	73	19
Total		19



(A.R. Singh)
Geophysicist



PROPOSED TUBE WELL ASSEMBLY DETAIL CHART

Name of Scheme:- JAL JEEVAN MISSION

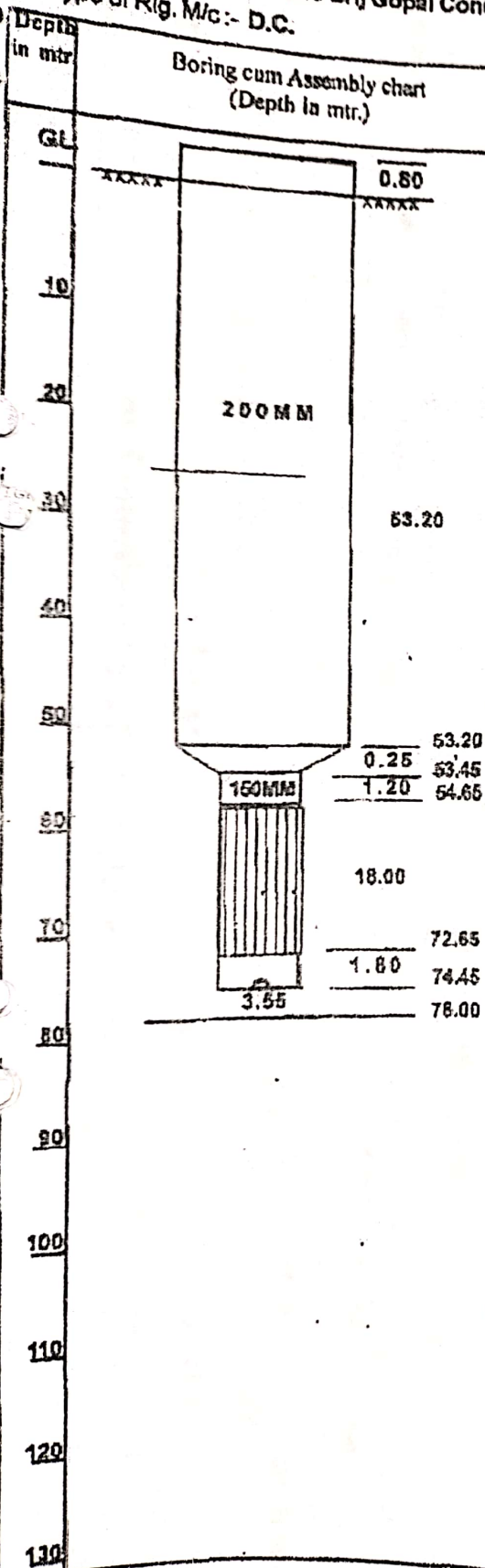
District :- Jalaun

Name of T/W Site :- Village - Barahi, Block - Kadaura

Name of Contractor :- M/s Brj Gopal Construction Co & SPML (JV)

Type of Rig. M/c :- D.C.

Boring cum Assembly chart
(Depth in mtr.)



DRILLING DEPTH - 78.00 Mtr
LOGGING DEPTH - 76.00 Mtr
LOGGING DATE - 27/09/2021

Sl. No.	Zones in Mtr. B.G.L.	THICKNESS IN Mtr.	Remark
1	50.00-54.00	4.00	Fine Sand
2	54.00-73.00	19.00	Medium to Coarse Sand



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

Note- Not to Scale

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:-

10/10/21

STATIC W/L

TEST OF WATER

Village:

NARHI

(Kadavara)

Sweet

INC	DISCHARGE	LPM	ST. PR.	KG/CM ²	RU PR	Depre		SAND CONTENTS		10 MIN	15 MIN	20 MIN	25 MIN	REMARKS
						KG	MTR	START	5 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		
			1200	11.20	8.0	8.00		4800	4200	2800	2100	1400		

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

YIELD TEST REPORT

NAME OF SCHEME

Vazhi Gram Panchayat WSS

LOCATION OF T/W

Vazhi

REQUIRED DISCHARGE AS PER SCHEME

210 LPM.

DATE OF TESTING

16/10/21

TASTE OF WATER

Sweet

PHYSICAL WATER QUALITY

Sand free

S.No.	S.W.L. IN MTR.	R.W.L. IN MTR.	DEPRESSION IN MTR.	DISCHARGE IN LPM
0.1	30.5	31.8	1.3	1450

REMARKS:-

RECOMMENDED DISCHARGE

Shahid Khan

EGCC

Virendra Kumar

NAME OF
SWSM/JALNIGAM
/PMC/TFI ENGINEER

[Signature]

SIGNATURE OF SWSM/JALNIGAM
/PMC/TFI ENGINEER

REQUEST FOR INSPECTION

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

CLIENT

CONTRACTOR

CONTRACT NO.

NODE NO-

LOCATION

S.No.

DESCRIPTION OF WORK

77

Water Discharge checking & (O.P. Unit)

NAME OF SITE ENGINEER (EGCC)

Shahbukh khem

DATE & TIME OF INSPECTION

16/10/21

SIGNATURE OF SITE ENGINEER (EGCC)

[Signature]

INSPECTION BY-

SWSM/JAL NIGAM

PMC/TP1

DATE & TIME OF INSPECTION

16/10/21 02:00

REMARKS:-

① P. Gravel filling in borewell is not satisfactory

NAME OF SWSM/JALNIGAM /PMC/TP1 ENGINEER

Vivek Agnihotri

SIGNATURE OF SWSM/JALNIGAM /PMC/TP1 ENGINEER

[Signature]