

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/89

Date : 25.01.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 96 mbgl

Logged Depth : 95 mbgl

Date of Logging : 25.01.22

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			
50	62	12	Medium sand	Good
75	85	10	Medium sand	Good
87	92	5	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)
50	62	12
75	85	10
87	92	5
Total		27

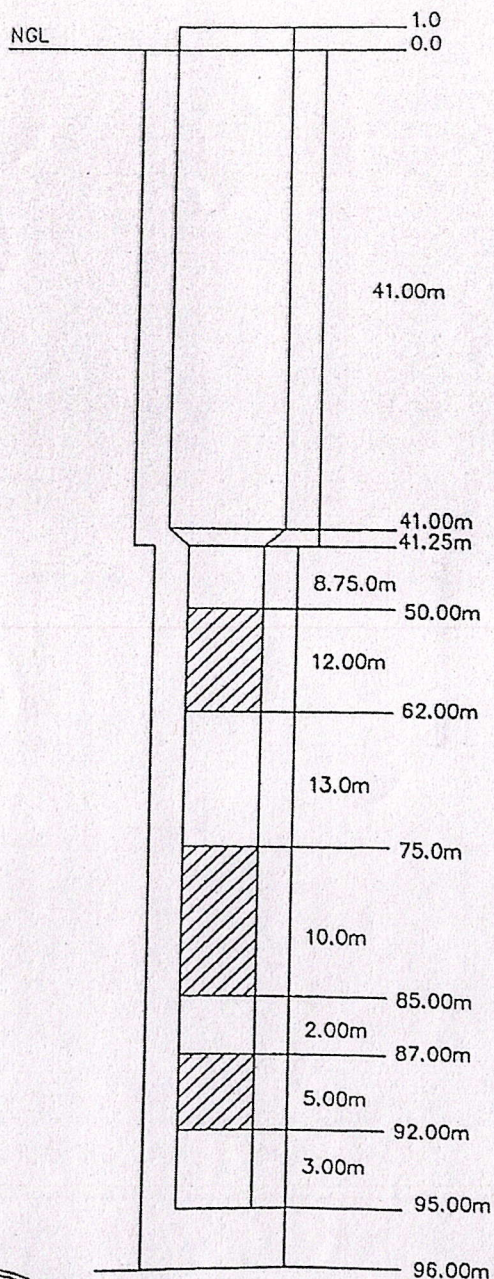


(A.K. Singh)
Geophysicist

PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME :-PALI GP WSS
 NAME OF SITE :-PALI
 BLOCK :-KADAURA
 NAME OF COMPANY :-BGCCPL
 TYPE 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



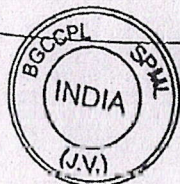
LOGGING DATE:- 25/1/2022

LPM REQUIRED:-430

Sr.N	Depth Range (M)	Thickness (M)	Remark
1			GOOD
2	50 TO 62	12	
3	75 TO 85	10	
4	87 TO 92	5	
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.....



Proposed By

RECOMMENDED BY

APPROVED BY

JR. ENGINEER

ASS. ENGINEER

EXECUTIVE ENGINEER

Request For Inspection (RFI)

Client:- STATE WATER SANITATION MISSION

PMC:- TES-WTSEL(J.V.) PMC JHANSI

CONTRACTOR:- BRIGOPAL CONSTRUCTION COMPANY

SCHEME NAME:- IMLOTA / TEHARKA / BARTHARI / JALAUN

Request for inspection / Approval

RFI NO. :-

Request Date/Time:- 20/11/22

Request for Inspection on scheme work (tick as applicable)

CIVIL	MECHANICAL	ELECTRICAL
INSTRUMENTATION	COMMISSIONING	

Pali - Koda wala

WORK PARTICULARS:-

Description of works	Comments by PMC/Client	Signature by PMC/Client	Remark
Borewell lowering	No Safety Measures	T.P.2	
	P & A Gravel		
	Test Report Not available		

Inspect on Date:- 27/11/22

Inspection Time:-

Request by BGCC Representative

Received by PMC Representative

NAME

mayank pati

NAME Virek Agnihotri

Signature

mayank

Signature

Inspection Date

27/11/22

Inspection Date

Inspection Time

11.00

Inspection Time

Encl. :-

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 10/2/22		STATIC W/L 20		TEST OF WATER		Sweet											
Village: Pali Block - Kadarwa																	
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					
		5.80	5.30	.50	5.00	3500	3000	200	1650	800							
		8.80	8.10	.50	5.00	4100	3600	2400	1850	900							
		9.50	8.50	6.9	7.00	4500	3950	2600	2050	1100							
		11.50	11.30	8.0	8.50	4600	4200	2800	2100	1300							

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

DATE OF TEST:- 10/2/22			
Village:	Pali Block -		
DISCHARGE		ST.PR.	
INC	LPM	KG/CM ²	
		5.80	
		8.80	
		9.50	
		11.50	

Note: Recommended for further developme

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AMBILE TESTING AND RESEARCH LABS

(TESTING DIVISION)



Plot No. 15, Khasra No. 262, Mutakkipur, J.M. Road, Lucknow (U.P.) - 226013

Contact: 9695228117, 8948232581

E-mail: ambilertesting@gmail.com Website: www.ambilertesting.com

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/LRO/2022/05/24/37
		ULR No.	TC603822000002085F
		Date of Receiving	24/05/2022
		Date of Testing Start	25/05/2022
		Date of Completion	02/06/2022
		Date of Reporting	02/06/2022
		Sample Condition	Seal Packed
		Sample Quantity	5 ltr.
		Environment Condition	Ambient Temperature
Description	Drinking Water		
Village Name	Pali, Block - Kadaura		
Letter No.	127/BGCC -Jalaun/2021-22		
		Date -	24/05/2022
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.		

Test Results

(Drinking Water as per IS: 10500-2012(RA -2018))

S. No.	Parameters	Results	Requirement as IS: 10500-2012(RA -2018)		Test Method
			Acceptable Limit	Permissible Limit	
1.	pH Value, at 27°C	8.01	6.5 to 8.5	No relaxation	IS:3025 (Pt-11)-2022
2.	Turbidity, NTU	0.1	1 Max.	5 Max.	IS:3025 (Pt-10)-1984 (RA :2017)
3.	Total Dissolved solids, mg/l	332	500 Max.	2000 Max.	IS:3025 (Pt-16)-1984(RA:2017)
4.	Fluoride (as F), mg/l	0.189	1 Max.	1.5 Max.	IS: 3025(Pt-60)-2008 (RA:2019)
5.	Iron (as Fe), mg/l	0.159	1.0 Max.	No relaxation	IS: 3025(Pt-53)-2003 (RA:2019)
6.	Nitrate (as NO ₃), mg/l	2.44	45 Max.	No relaxation	IS: 3025(Pt-34)-1988
7.	Sulphate (as SO ₄), mg/l	92	200 Max.	400 Max.	IS: 3025(Pt-24)-1986 Sec1: 2022
8.	Total Hardness (as CaCO ₃), mg/l	139	200 Max.	600 Max.	IS: 3025(Pt-21)-2009 (RA:2019)
9.	Alkalinity as Phenolphthalein (H ₂ SO ₄), mg/l	18	---	---	IS:3025 (Pt-23)-1986 (RA:2019)
10.	Alkalinity as Methyl Orange / Total Alkalinity, mg/l	192	200 Max.	600 Max.	IS:3025 (Pt-23)-1986 (RA - 2019)
11.	Chloride (as Cl), mg/l	14	250 Max.	1000 Max.	IS: 3025(Pt-32)-1988 (RA:2019)
12.	Conductivity at 25°C µs/cm	239	---	---	IS: 3025(Pt-14)-2013 (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