

257

Geophysical Well Logging Report

Ref No- 662

Date 01/04/2022

Site Location :- Village – Aheta Madhougarh

District :- Jaloun

Logged Depth :- 100 M BGL

Date of Logging :- 31/03/2022

Types of Log :- S.P & Resistivity

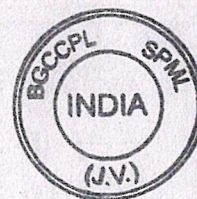
Logger used :- IGIS

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

Depth Range From M.B.G.L.	Depth Range M.B.G.L.	Thickness Mtrs.	Inferred Litho logy	Quality of G.W.
0	40	40	Surface Clay With Kankar	
40	55	15	Sandy Clay ankar	
55	70	15	Clay	
70	97	27	Fine to Medium Sand	Good

Dr.R.Srinivasa Chary

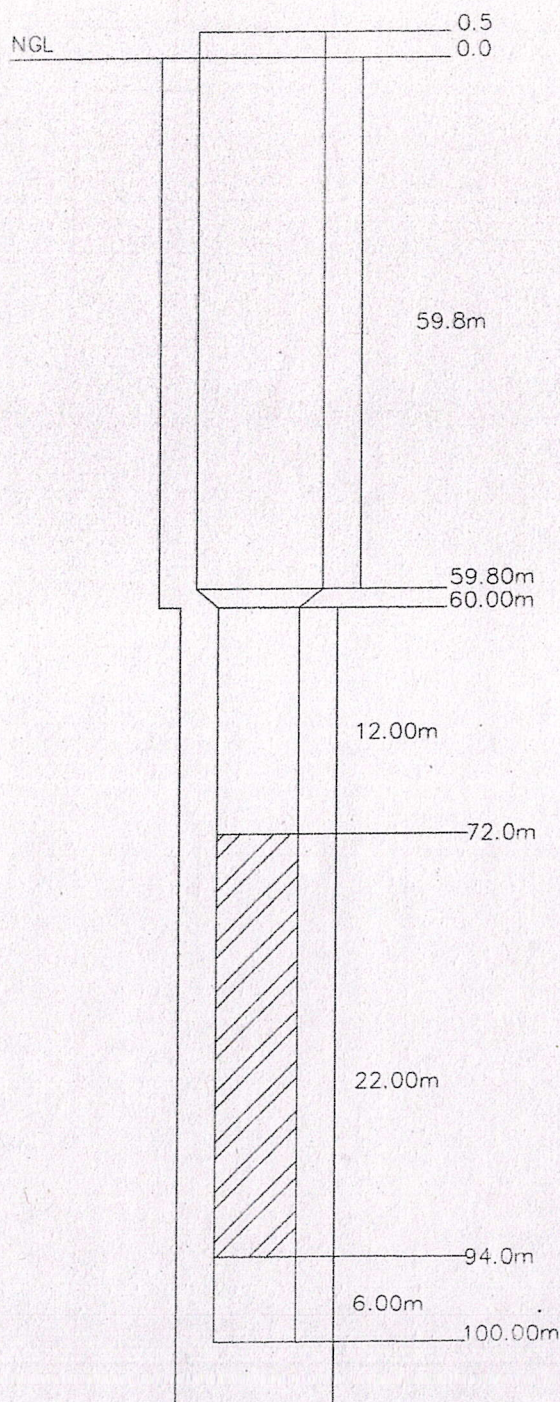
(Geologist)



PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : -AHETA GP WSS
 NAME OF SITE : -AHETA
 BLOCK : -MADHOGARH
 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: - 1/04/22			
LPM REQUIRED: - 350			
Sr.N	Depth Range (M)	Thickness (M)	Remark
1	70 TO 97	27	GOOD
2			
3			
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.....			



Proposed By

RECOMMENDED BY

JR. ENGINEER

ASS. ENGINEER

APPROVED BY

EXECUTIVE ENGINEER

YIELD TEST REPORT				
NAME OF SCHEME		270 Tubewell Scheme		
LOCATION OF T/W		Aheta		
REQUIRED DISCHARGE AS PER SCHEME		350		
DATE OF TESTING		22/6/22		
TASTE OF WATER		Sweet		
PHYSICAL WATER QUALITY		Good		
S.No.	S.W.L. IN MTR.	R.W.L. IN MTR.	DEPRESSION IN MTR.	DISCHARGE IN LPM
1	18	20	2	1500
REMARKS:-				
RECOMMENDED DISCHARGE				
		 NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER		
		SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER		

DATE OF TEST:- 18/4/22			
Village:		Aulda	
DISCHARGE		ST.PR	
INC	LPM	KG/CN	
		5080	
		805	
		803	
			1105

Note: Recommended for further develop

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T. P. I.



YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 4/18/4/22		STATIC W/L 18"		TEST OF WATER					Sweet					
Village: Alachua														
DISCHARGE		ST. PR.	RU PR	Depre		SAND CONTENTS								
IN"	LFM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN	10 MIN	15 MIN	20 MIN	25 MIN	REMARKS		
		5080	8030	0.40	5.04	3500	3000	2000	1350	900				
		8050	7080	7080	6000	4150	3200	2100	1800	800				
		8030	8000	701	7000	4500	2300	2300	1300	1100				
		11000	11010	800	8000	4600	2500	2500	1800	1300				

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



T. P.I.

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/LKO/2022/06/03/08
		ULR No.	TC603822000002342F
		Date of Receiving	03/06/2022
		Date of Testing Start	04/06/2022
		Date of Completion	07/06/2022
		Date of Reporting	07/06/2022
		Sample Condition	Seal Packed
		Sample Quantity	5 ltr.
		Environment Condition	Ambient Temperature
Description	Drinking Water		
Village Name	AHETA, Block - MADHOGARH		
Letter No.	148/BGCC -Jalaun/2022 - 23		
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.		

Dated:- 02.06.2022

TEST RESULTS

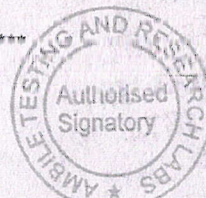
Drinking Water As Per IS: 10500-2012 RA-2018

S. No.	Parameters	Results	Requirement As Per IS: 10500-2012 RA-2018		Test Method
			Acceptable Limit	Permissible Limit	
1.	pH Value, at 27°C	7.82	6.5 to 8.5	No relaxation	IS:3025 (Pt-11)-2022
2.	Turbidity, NTU	0.4	1 Max	5 Max	IS:3025 (Pt-10)-1984 (RA - 2017)
3.	Total Dissolved Solids, mg/l	342	500 Max	2000 Max	IS:3025 (Pt-16)-1984 (RA - 2017)
4.	Fluoride (as F), mg/l	0.219	1.0 Max	1.5 Max	IS: 3025(Pt-60)-2008 (RA - 2019)
5.	Iron (as Fe), mg/l	0.152	1.0 Max	No relaxation	IS: 3025(Pt-53)-2003 (RA - 2019)
6.	Nitrate (as NO ₃), mg/l	2.85	45 Max	No relaxation	IS: 3025(Pt-34)-1988 (RA - 2019)
7.	Sulphate (as SO ₄), mg/l	59.5	200 Max	400 Max	IS: 3025(Pt-24)-1986 (RA - 2019)
8.	Total Hardness (as CaCO ₃), mg/l	168	200 Max	600 Max	IS: 3025(Pt-21)-2009 (RA - 2019)
9.	Alkalinity as Phenolphthalein (H ₂ SO ₄), mg/l	32	---	---	IS:3025 (Pt-23)-1986 (RA - 2019)
10.	Alkalinity as Methyl Orange (NaOH)/ Total Alkalinity, mg/l	169	200 Max	600 Max	IS: 3025(Pt-23)-1986 (RA - 2019)
11.	Chloride (as Cl), mg/l	52	250 Max	1000 Max	IS: 3025(Pt-32)-1988 (RA - 2019)
12.	Conductivity, (μmhos/cm)	224	----	----	IS-3025 (P-14)-1984 (RA - 2019)

Note:-With respect to the above test sample complies with specification IS: 10500-2012 RA-2018 and with decision rule ATRL/MSF/7.0.6.2 C

Page No: - 1/1

****End of Report****


 Authorized Signatory
Mamtesh Prajapati
(Quality Manager)

Note: Terms & Conditions are Printed Overleaf