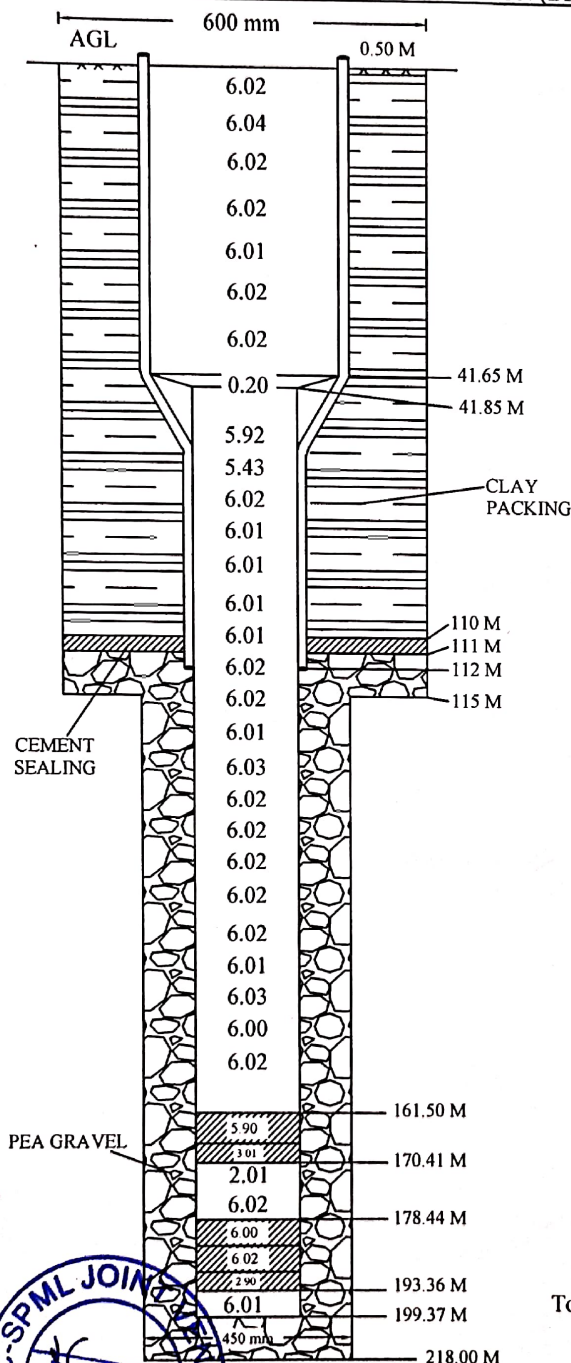


ACTUAL T.W. ASSEMBLY CHART OF KHAJURAR W/S SCHEME BAHARAICH

UNDER JAL JEEVAN MISSION (BLOCK - VISHESHWARGANJ)



Bore size - 600mm X 450mm
T.W. Assy - 300 mm X 150 mm
Discharge - 950 LPM/39 m

Logging Report (29-12-2021)

- 1- 00-15M-10M (Surface soil)
- 2- 15-25M-10M
- 3- 25-36M-11M
- 4- 36-43M-7M
- 5- 43-50M-7M
- 6- 50-60M-10M
- 7- 60-72M-12M
- 8- 72-78M-6M (Sandy clay)
- 9- 78-87M-9M
- 10- 87-94M-7M (Prominent clay)
- 11- 94-103M-9M
- 12- 103-115M-12M (Prominent clay)
- 13- 115-130M-15M
- 14- 130-136M-6M (Prominent clay)
- 15- 136-151M-15M
- 16- 151-171M-20M
- 17- 171-178M-7M (Prominent clay)
- 18- 178-184M-6M
- 19- 184-195M-11M
- 20- 195-202M-7M (Sandy clay)
- 21- 202-218M-16M

DATE -:

$$\begin{aligned}\text{Total} &= 199.37 + 0.50 \\ &= 199.87 \text{ M}\end{aligned}$$

Mohd Tanveer
Mechanical Engineer
TPI Bahraich

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
JALNIGAM RURAL GONDA

EXECUTIVE ENGINEER

~~JUNIOR ENGINEER~~

DIVISION OFFICE (E/M)

Site Office : PNC - SPML (JV), H.No. 141, Behind Panchwati Hotel, Near Panchganga Mandir Hanuman Colony, Sufipura, Bahraich, UP, PIN-271801
Mob. No. +91-9267933270, Email : gmwp@pncinfratech.com

Head Office : PNC Infratech Limited (Lead Member of PNC - SPML JV), PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra, UP, PIN-282002
Tel : 91-562-4070000 (30 Lines), 91-562-4054400 (30 Lines), Email : ho@pncinfratech.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:21-22:LS: 35

Dated: 22-11-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

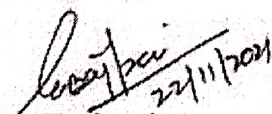
Site: Khajurar
Block: Visheshwarganj
District: Bahraich
State: Uttar Pradesh
Date of logging: 29-11-2022
Drilling depth: 235.0 m bgl
Logging Depth: 220.0 m bgl
Rm - 17.0 Ω m Rw - 72.0 Ω m

29.12.21

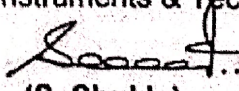
Borehole Drilled by: M/s PNC Infratech .

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Natural Gamma Ray, geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	15 - 25	10	Clay intermixed with Kankar	Good
2.	25 - 36	11	Sand	Good
3.	36 - 43	07	Clay	
4.	43 - 50	07	Sand	Good
5.	50 - 60	10	Sand intermixed with Kankar	Good
6.	60 - 72	12	Sand	Good
7.	72 - 78	06	Sandy Clay	
8.	78 - 87	09	Sand	Good
9.	87 - 94	07	Prominent Clay	
10.	94 - 103	09	Sand	Good
11.	103 - 115	12	Prominent Clay	
12.	115 - 130	15	Sand	Good
13.	130 - 136	06	Prominent Clay	
14.	136 - 151	15	Fine Sand intermixed with Kankar	Good
15.	151 - 171	20	Sand	Good
16.	171 - 178	07	Prominent Clay	
17.	178 - 184	06	Fine Sand	Good
18.	184 - 195	11	Sand	Good
19.	195 - 202	07	Sandy Clay	
20.	202 - 218	16	Sand	Good


R. K. Bajpai
Hydrogeologist & Ground
Water Consultant
Retd. From UP Irrigation Deptt.
Lucknow

For Geo Instruments & Technic's


(S. Shukla)