

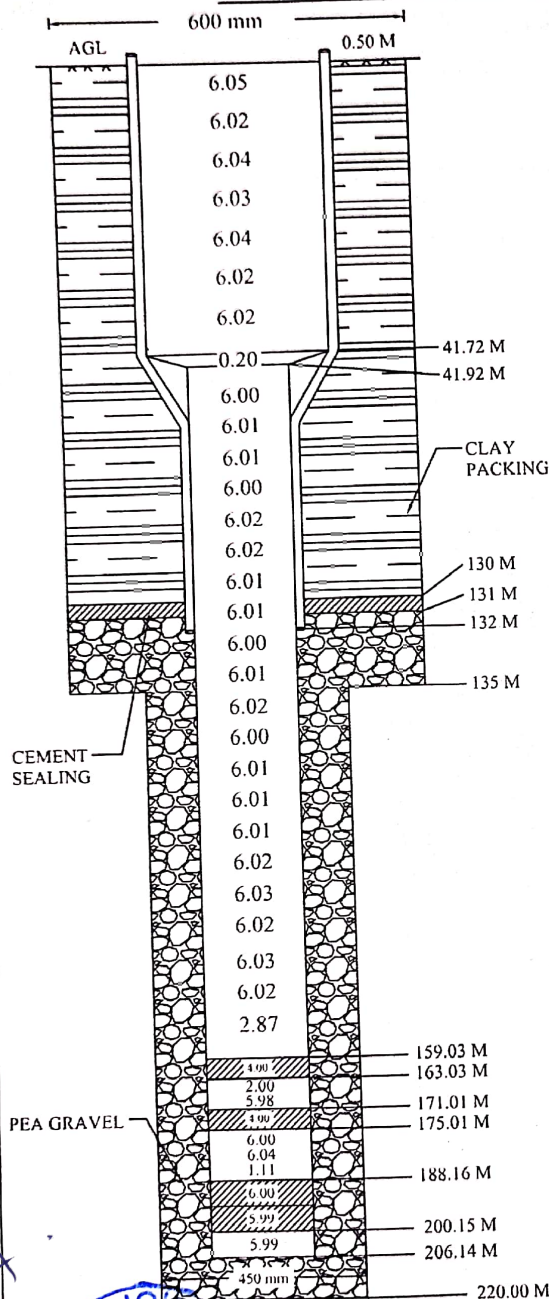


PNC - SPML JV

Engineering Life
SPML INFRA LIMITED

ACTUAL T.W. ASSEMBLY CHART OF PURE ALAST KHAN W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION (BLOCK - RISIA)



Bore size - 600 mm X 450 mm
T.W. Assy - 300 mm X 150 mm
Discharge - 650 LPM/37 m/12.5 HP
Lowering Date-19-12-2021

Logging Report : (16-12-2021)

- 1- 5-15M-10M (Surface soil)
- 2- 15-50M-35M
- 3- 50-61M-11M (Prominent clay)
- 4- 61-65M-4M
- 5- 65-70M-5M (Sandy clay)
- 6- 70-78M-8M
- 7- 78-85M-7M (Sandy Clay)
- 8- 85-110M-25M
- 9- 110-115M-5M (Sandy Clay)
- 10- 115-129M-14M
- 11- 129-132M-3M (Clay)
- 12- 132-141M-9M (Sandy Clay)
- 13- 141-155M-14M
- 14- 155-159M-4M (Clay)
- 15- 159-163M-4M
- 16- 163-171M-8M (Sandy Clay)
- 17- 171-176M-5M
- 18- 176-188M-12M (Clay)
- 19- 188-201M-13M
- 20- 201-220M-19M

Total = 206.14 + 0.50 (AGL)
= 206.64 M

PNC-SPML JV
PNC Tower 3/22-D
CIVIL LINE
Agra

JUNIOR ENGINEER

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)

EXECUTIVE ENGINEER

JUNIOR ENGINEER U.P. JAL NIGAM RURAL GONDA
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

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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: 8 3

Dated: 17-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Alast Khan
Block: Risiya
District: Bahraich
State: Uttar Pradesh
Date of logging: 16-12-2021
Drilling depth: 220.0 m bgl
Logging Depth: 206.0 m bgl
Rm - 14.0 Ω m Rw - 22.0 Ω m

Borehole Drilled by: M/s PNC Infratech

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and 6' Lateral, geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	5 - 15	10	Surface Soil	-
2.	15 - 50	35	Sand intermixed with Kankar	Good
3.	51 - 61	10	Prominent Clay	
4.	61 - 65	04	Sand	Good
5.	65 - 70	05	Sandy Clay	
6.	70 - 78	08	Fine to Medium Sand	Good
7.	78 - 85	07	Sandy Clay	
8.	85 - 110	25	Sand intermixed with Kankar	Good
9.	110 - 115	05	Sandy Clay	
10.	115 - 129	14	Sand intermixed with Kankar	Good
11.	129 - 132	03	Clay	
12.	132 - 141	09	Sandy Clay	
13.	141 - 155	14	Sand	Good
14.	155 - 159	04	Clay	
15.	159 - 163	04	Sand	Good
16.	163 - 171	08	Fine Sand, Sandy Clay	

17/12/21
R. K. Bajpai
Hydrogeologist & Ground
Water Consultant
Retd. From UP Irrigation Deptt.
Lucknow

1 | Page

S. S. S.

Cont. 2

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[Signature]
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