

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:21-22:LS: 39

Dated: 28-11-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sewada
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 28-11-2021
Drilling depth: 225.0 m bgl
Logging Depth: 223.0 m bgl
Rm - 20.0 Ω m Rw - 19.0 Ω m

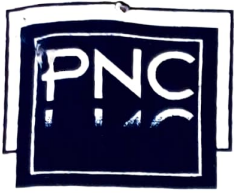
Borehole Drilled by: M/s PNC Infratech

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and 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.	05 - 15	10	Surface Soil	
2.	15 - 25	10	Sand	Good
3.	25 - 38	13	Sandy Clay	
4.	38 - 70	32	Fine to Medium Sand intermixed with Kankar	Good
5.	70 - 94	24	Sand intermixed with Kankar	Good
6.	94 - 102	08	Prominent Clay	
7.	102 - 113	11	Fine Sand intermixed with Sandy Clay	
8.	113 - 117	04	Prominent Clay	
9.	117 - 125	08	Sand	Good
10.	125 - 143	18	Fine Sand and Clay Kankar intercalation	
11.	143 - 157	14	Sand	Good
12.	157 - 161	04	Clay	
13.	161 - 165	04	Fine Sand	Good
14.	165 - 174	09	Sand	Good
15.	174 - 178	04	Sandy Clay	
16.	178 - 185	07	Sand	Good

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Hydrogeologist & Ground
Water Consultant

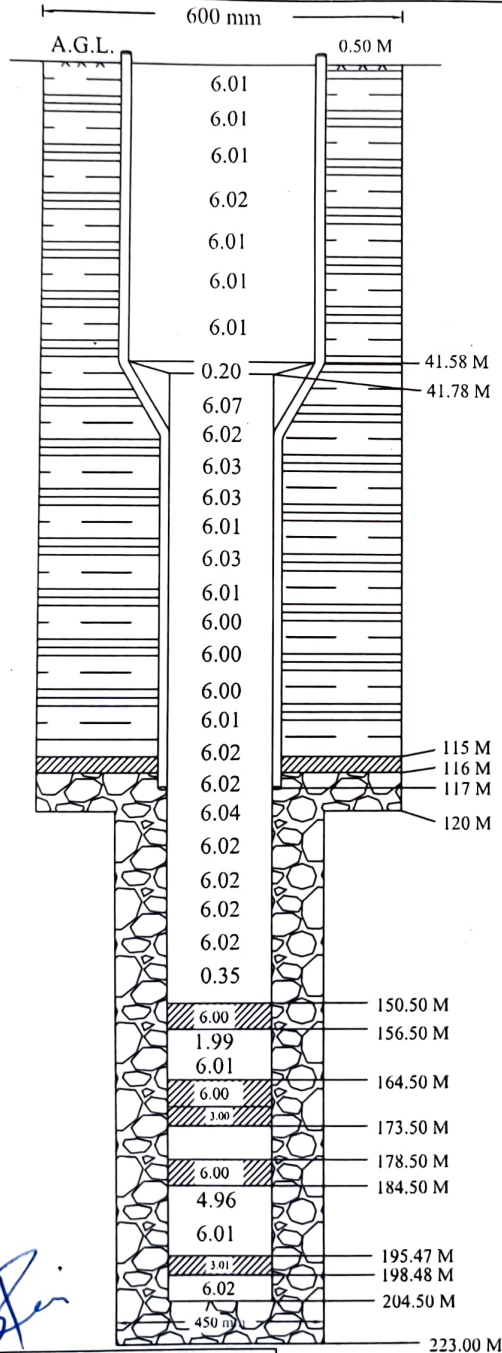


PNC - SPML JV

SPML
Engineering Life
SPML INFRA LIMITED

ACTUAL T.W. ASSEMBLY CHART OF SEWARA W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION (BLOCK - PAYAGPUR)



Bore size - 600mm X 450mm
T.W. Assy - 300 mm X 150 mm
Discharge - 800 LPM/39 M

Logging report : (28-11-2021)

- 1- 5-15M-10M
- 2- 15-25M-10M
- 3- 38-70M-32M
- 4- 70-94M-24M
- 5- 102-113M-11M
- 6- 117-125M-8M
- 7- 125-143M-18M
- 8- 143-157M-14M
- 9- 161-165M-4M
- 10- 165-174M-9M
- 11- 178-185M-7M
- 12- 195-200M-5M
- 13- 200-209M-9M
- 14- 215-223M-8M

Clay Zone

- 1- 25-38M-13M
- 2- 94-102M-8M
- 3- 113-117M-4M
- 4- 157-161M-4M
- 5- 174-178M-4M
- 6- 186-195M-9M
- 7- 209-215M-6M

Total = 204.50 + 0.50 (AGL)
= 205.00 M

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



JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER