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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT/UP/PJM:21-22/LS: 7/00
 Dated: 04-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kaimal
 Block: Deva
 District: Barabanki
 State: Uttar Pradesh
 Drilling Depth: 165.0 m bgl
 Logging Depth: 161.0 m bgl
 Date of logging: 04-03-2023

Borehole Drilled by: Vindhya Telelinks Ltd.-Gaja Engineering Pvt. Ltd. (JV)

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

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	24 - 28	04	Good
2.	36 - 45	09	Good
3.	55 - 62	07	Good
4.	70 - 77	07	Good
5.	85 - 87	02	Good
6.	96 - 100	04	Good
7.	105 - 112	07	Good
8.	122 - 132	10	Good
9.	145 - 149	04	Good
10.	157 - 161	04	Good

- Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
 2. Zone Sl. No. 6 is fine sand in nature.
 3. Zone Sl. No. 9 is very fine sand in nature.

*Vertical as per logs provided.
 Note: Sl. No. 5 may consider as 81-87 (cm)
 Gd*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

Head Office: V.L.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005

Handwritten notes at the top of the page, possibly describing a project or location.

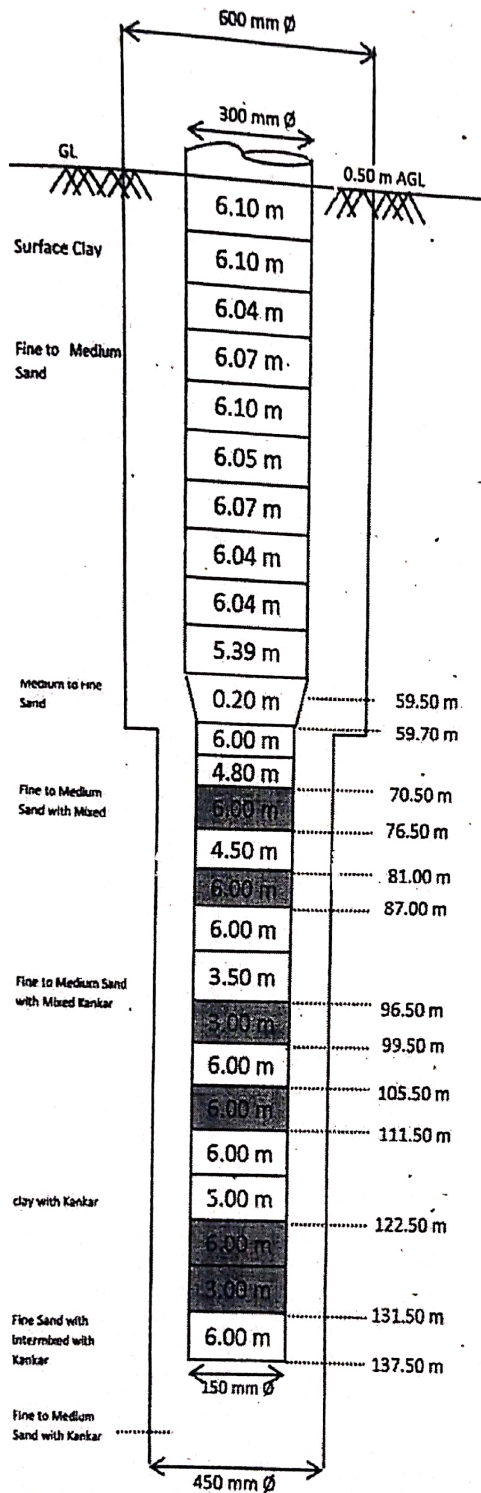
Handwritten notes on the right side, including a list of items or measurements.

	50000
	10000
600	10000
600	76 5000
600	81 00
	87 00
200	9 50
	26 50
	29 50
600	300 50
	11 50
600	12 50
500	
600	131 50
	600
	177 50

Handwritten notes below the table, possibly providing a summary or additional details.

OFFICE OF THE EXECUTIVE ENGINEER
 DIVISION OFFICE (E/M), UTTAR PRADESH JAL NIGAM (RURAL), AYODHYA
 Actual Strata Chart & T.W. Assembly lowered of 300 x 150 mm of Kalmal, WSS BLOCK-Dewa
 Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 27.072638°
 Longitude - 81.119215°



ACTUAL T.W. ASSEMBLY			
BORE SIZE	600 mm x 450 mm		
T.W. ASSEMBLY	300 mm x 150 mm		
DISCHARGE	850 LPM		
WORKING HEAD			
PUMP	7.5 HP		
LOGGING REPORT	04-03-2023		
Date of Lowering	06-03-2023		
S.NO.	DEPTH RANGE	THICKNESS	REMARKS
1	24-28	04	GOOD
2	36-48	09	GOOD
3	55-62	07	GOOD
4	70-77	07	GOOD
5	81-87	07	GOOD
6	96-100	04	GOOD
7	105-112	07	GOOD
8	122-132	10	GOOD
9	145-149	04	GOOD
10	157-161	04	GOOD

1- Housing Pipe 300 mm ϕ	= 60.00 m
2- Plain Pipe 150 mm ϕ	= 47.80 m
3- Slotted Pipe 150 mm ϕ	= 30.00 m
4- Reducer (300 x 150) mm ϕ	= 0.20 m
Total Assembly	= 138.00 m
Less AGL	= (-)0.50 m
Total Lowering (BGL)	= 137.50 m

M/s VPL - GAJ ENGINEERING PVT LTD JV
 Contractor

FITCHNER India Ltd.
 T.P.I.

S. S. Yadav
 J.E. (E&M)

R. S. Prasad
 A.E. (E&M)

Mohd. Maaz
 E.E.(E&M)



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*Vertical aspect logs provided.
 Note: Sl. No. 5 may consider as 81-87 (cm)
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