

Cover Agreement No. :-

Name of District:- Siddharth Nagar

Scheme Name:- BARRIHAWA

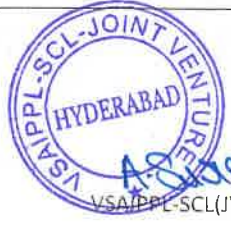
Name of Activity :- HW

Block Name:- BARHND.

Depth B.G.L.-Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0.00			6.03	300 mm Dia housing pipe to 41.65M
			6.01	200 x 150mm reducer from 41.65 M to 41.85 M
			6.02	150mm dia plain pipe from 41.85 M to 73.48 M
		clay	6.04	150mm dia slotted pipe from 73.48 M to 79.52 M
26			6.01	150mm dia plain pipe from 79.52 M to 96.58 M
30		sand	6.02	150mm dia slotted pipe from 96.58 M to 99.58 M
32		clay	6.02	150mm dia plain pipe from 99.58 M to 113.66 M
35		sand	6.02	150mm dia slotted pipe from 113.66 M to 119.69 M
			6.02	150mm dia plain pipe from 119.69 M to 132.54M
		clay	0.200	150mm slotted from 132.54 m to 138.57m
			6.02	150mm plain from 138.57 m to 156.67m
55		sand	6.03	150mm slotted from 156.67 m to 159.71m
65		clay	6.04	Total Assembly- 166.24 M
73			6.04	ABSTRACT 165.74 + 0.50 = 166.24 M
80		Kankar 6.04	4.00	Date of Lowering-
		sand	3.50	LPM-
			6.03	Drilling Depth- 175 M
		clay	6.03	Assembly Lowered- 166.24 M
96		Kankar 3.00 + sand	5.00	Housing Pipe- 42.15 M
100			6.03	Plain Pipe- 99.75 M
		clay	6.03	Slotted Pipe- 24.14 M
113		Kankar 6.03 + sand	2.00	Reducer- 0.200 M
120			2.53	
		clay	6.02	
132		Kankar 6.03 + sand	4.30	
139			6.03	
		clay	6.04	
155		Kankar 3.04 + sand	6.03	
164			6.03	

ASSEMBLY DETAILS	
300 mm Dia housing pipe to 41.65M	
200 x 150mm reducer from 41.65 M to 41.85 M	
150mm dia plain pipe from 41.85 M to 73.48 M	
150mm dia slotted pipe from 73.48 M to 79.52 M	
150mm dia plain pipe from 79.52 M to 96.58 M	
150mm dia slotted pipe from 96.58 M to 99.58 M	
150mm dia plain pipe from 99.58 M to 113.66 M	
150mm dia slotted pipe from 113.66 M to 119.69 M	
150mm dia plain pipe from 119.69 M to 132.54M	
150mm slotted from 132.54 m to 138.57m	
150mm plain from 138.57 m to 156.67m	
150mm slotted from 156.67 m to 159.71m	
Total Assembly- 166.24 M	
150mm plain from 159.71 m to 165.74 m	

LOGGING REPORT	
Date of Logging-	24-05-2023
Logging Depth-	164
	26-30 = 4m
	32-36 = 4m
	55-65 = 10m
	73-80 = 7m
	96-100 = 4m
	113-120 = 7m
	132-139 = 7m
	155-164 = 9m



Asst. Tech  
VSAIPPL-SCL(JV)  
TPI

Alum  
J.E.

A  
A.E.

E.E.

166.24 m



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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:23-24:LS: 538

Dated: 24-05-2023

### GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bairi hawa  
Block: Barhini  
District: Siddharth Nagar  
State: Uttar Pradesh  
Drilling Depth: 175.0 m bgl  
Logging Depth: 164.0 m bgl  
Date of logging: 24-05-2023  
Rm - 19.0  $\Omega$ m Rw - 14.8  $\Omega$ m

Borehole Drilled by: M/s VSAIPPL-SCL (JV), VEEPL-Siddharth Nagar  
U. P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' 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.	26 - 30	04	Good
2.	32 - 36	04	Good
3.	55 - 85	10	Good
4.	73 - 80	07	Good
5.	96 - 100	04	Good
6.	113 - 120	07	Good
7.	132 - 139	07	Good
8.	155 - 164	09	Good

Note: Zones Sl. No. 3, 4, 6, & 8 are intermixed with fine bands of kankar.

Verified as per  
logs provided

For Geo Instruments & Technic's

(S. Shukla)

G.Sh  
25/05/23