

STRATA CHART

Cover Agreement No. :-

Name of District:- *Siddharth Nagar*

Block Name:- *Khessaha*

Scheme Name:- *Banlkata first*

Name of Activity:- *T/W*

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			G	300 mm Dia housing pipe to 41.73 M
			0.5 L	300 x150mm reducer from 41.73 M to 41.93 M
		clay	6.03	150mm dia plain pipe from 41.93 M to 66.01 M
			6.01	150mm dia slotted pipe from 66.01 M to 72.03 M
19		sand	6.03	150mm dia plain pipe from 72.03 M to 81.51 M
23		clay	6.05	150mm dia slotted pipe from 81.51 M to 87.53 M
28		sand	6.03	150mm dia plain pipe from 87.53 M to 121.49 M
35		clay	6.04	150mm dia slotted pipe from 121.49 M to 127.49 M
			6.04	150 n plain n 150.49 mto 164.51m
			0.200	Total Assembly- 164.51 M+AGL 0.5= 165.01 M
48		sand	6.02	
55		clay	6.02	
61		1 coarse + fine sand	6.02	
74		clay	6.02	
81		1 coarse + sand	6.03	
88		clay	3.45	
			6.02	
			6.02	
		clay	6.03	
			6.02	
121		sand	6.02	
128		clay	3.85	
			6.02	
			6.02	
		clay	6.02	
			6.02	
152		sand	2.59	
164		clay	4.35	
			6.02	
175			6.02	

**ABSTRACT**

Date of Lowering- *25/04/2023*

LPM- *700*

Drilling Depth- M

Assembly Lowered- *165.01 M*

Housing Pipe- *42.23 M*

Plain Pipe- *98.54 M*

Slotted Pipe- *24.04 M*

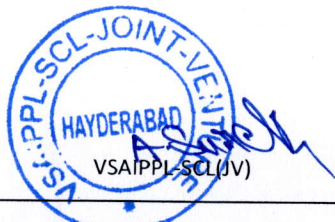
Reducer- *0.20 M*

**LOGGING REPORT**

Date of Logging- *20/04/2023*

Logging Depth- *175.10*

19-23	04
28-35	07
48-55	07
61-74	13
81-88	07
121-128	07
152-164	12



TPI

*Akm*  
J.E.

*[Signature]*  
A.E.

E.E.



Bunkata First C.P. W.S.S. Tlw IndirH - Siddhanting Block

$Q = 700 \text{ lpm}$   
 $= 300 \times 150 \text{ mm}^2$   
 $= 24 \text{ m}$   
 $= 165/150$

Strata Aspelogging: -

- 1 - 19-23 = 4
- 2 - 28-35 = 7
- 3 - 48-55 = 7
- 4 - 61-74 = 13 = 6
- 5 - 81-88 = 7 = 6
- 6 - 121-128 = 7 = 6
- 7 - 152-164 = 12 = 6

$6.04 \rightarrow 3.45 + 2.59$

$6.04 \rightarrow 3.85 + 2.19$

$6.00 \rightarrow 4.35 + 1.65$

Soan  
AK

9	29	6.03	0.50m, L
	29	6.01	
	27	6.03	= 42.23
	26	6.05	
	25	6.03	
	24	6.04	
	23	6.04	41.73
			0.20m
	22	6.02	41.93
	21	6.02	
	20	6.02	= 24.08
	19	6.02	
	18	" " "	66.01
	18	" " "	6.02
	17	6.03	72.03
	16	3.45	= 9.48
	15	" " "	81.51
	15	" " "	6.02
	14	6.02	87.53
	13	6.02	
	12	6.03	= 33.96
	11	6.02	
	10	6.02	
	9	3.85	
	8	" " "	121.49
	8	" " "	6.00
	7	6.02	127.49
	6	6.02	
	5	6.02	= 25
	4	2.59	
	3	4.35	152.49
	2	" " "	6.00
	2	" " "	158.49
	1	" " "	6.02

$Q = 500 \text{ lpm}$   
 $= 200 \times 150$   
 $= 165/150$   
 $= 18 \text{ m}$   
 Strata Aspelogging:  
 1 - 29-39  
 2 - 50-57  
 3 - 60-74  
 4 - 85-88  
 5 - 90-94  
 6 - 124-128  
 7 - 138-142

164-51



# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 230

Dated: 20-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bankata First (Tubewell -1)  
Block: Khesraha  
District: Siddharth Nagar  
State: Uttar Pradesh  
Drilling Depth: 180.0 m bgl  
Logging Depth: 174.0 m bgl  
Date of logging: 20-04-2023  
Rm - 35.0  $\Omega$ m Rw - 170.0  $\Omega$ m (Pond Water)

175

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

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)
<del>1.</del>	19 - 23	04	Good
<del>2.</del>	28 - 35	07	Good
<del>3.</del>	48 - 55	07	Good
<del>4.</del>	61 - 74	13	Good
<del>5.</del>	81 - 88	07	Good
<del>6.</del>	121 - 128	07	Good
<del>7.</del>	152 - 164	12	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4 & 5 are highly intermixed with fine bands of kankar.

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*GSh  
21/04/23*