

Cover Agreement No. :-

Name of District:- *Siddharth Nagar*
Scheme Name:- *Sekhuniya Khurd Bujurg*
Name of Activity :- *TW*

Block Name:- *Khuniyara*

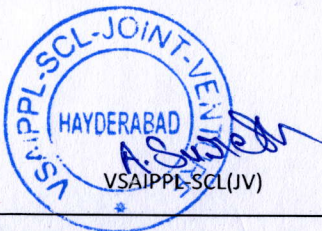
Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0				200 mm Dia housing pipe to 41.52 M
				200 x150mm reducer from 41.52 M to 41.72 M
17		clay	6.01	150mm dia plain pipe from 41.72 M to 89.52 M
			6.01	150mm dia slotted pipe from 89.52 M to 98.53 M
21		Medium sand	6.02	150mm dia plain pipe from 98.53 M to 118.51 M
25		clay	6.00	150mm dia slotted pipe from 118.51 M to 145.46 M
29		medium sand	6.00	150mm dia plain pipe from 145.46 M to 155.46 M
			6.00	
		clay	5.98	
			0.200	Total Assembly- 155.46 M+AGL 0.5=155.96 M
			6.01	
55		medium sand	6.01	
59		clay	6.01	
62		fine sand	6.03	
69		clay	6.03	
74		medium sand	6.00	
77		clay	5.70	
89		fine sand + kankar	6.01	89.52
99		clay	3.00	
103		medium sand	6.00	98.53
107		clay	5.99	
			2.00	
			5.99	118.51
118		fine sand 3.00	5.99	121.51
124		+kankar	5.98	
128		clay	5.98	
130		sand	6.00	
136		clay	4.00	145.46
140		medium sand	4.00	
144		clay	4.00	151.46
		fine sand 6.00	4.00	155.46
		+kankar	0.50	155.96
154				
		clay		
162		medium sand		
165				

ABSTRACT

Date of Lowering-
LPM- *500*
Drilling Depth- *165* M
Assembly Lowered- *155.96*M
Housing Pipe- *42.02* M
Plain Pipe- *95.73* M
Slotted Pipe- *18.01* M
Reducer- *0.200* M

LOGGING REPORT

Date of Logging-
Logging Depth-
17-21 = 04
25-29 = 04
55-59 = 04
62-69 = 07
74-77 = 03
89-99 = 10
103-107 = 04
118-124 = 06
126-136 = 04
136-140 = 04
144-154 = 10
162-166 = 04



TPI

J.E.

A.E.

E.E.

M/S VSAIRRA - SLL (JV)

Day 014-351

Friday

Sekuiya Khurd Bujurg GOV w.s.s. Block - Kheniyaton
Distt. Siddharthnagar 9

Q = 500 lpm

= 200 x 150 mm φ

= 165 / 150 mm

= 18 m (Asp. APR)

Date - 24-5-23

Strata As per logging: -

1-17-21 = 04

2-25-29 = 4

3-55-59 = 4

4-62-69 = 7

5-74-77 = 03

6-89-99 = 10 = 9

7-103-107 = 04

8-118-124 = 04 = 3

9-126-130 = 03

10-136-140 = 04

11-144-154 = 10 = 6

12-162-166 = 4

13-171-175 = 04

Plain

6.00 → 5.70 + 0.30

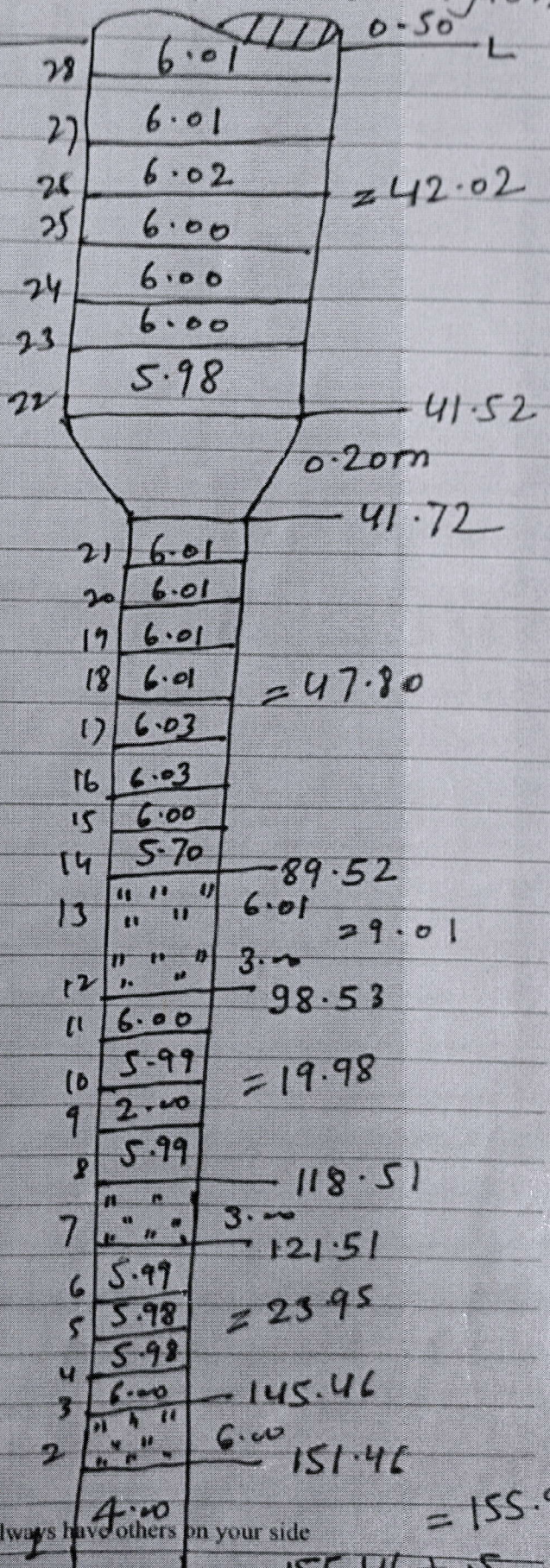
6.00 → 4.00 + 2.00 ✓

Slott

6.00 → 3.00 + 3.00 ✓

Ⓟ

The nice thing about team work is that you always have others on your side



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: 540

Dated: 25-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sekhuiya Khurd**
 Block: **Khuniyaon**
 District: **Siddharth Nagar**
 State: **Uttar Pradesh**
 Drilling Depth: **180.0 m bgl**
 Logging Depth: **177.0 m bgl**
 Date of logging: **24-05-2023**
 Rm - ~~14.0 Ωm~~ Rw - ~~15.0 Ωm~~

165

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:

SI. No.	Depth Range (m-bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	17 - 21	04	Good
2.	25 - 29	04	Good
3.	55 - 59	04	Good
4.	62 - 69	07	Good
5.	74 - 77	03	Good
6.	89 - 99	10	Good
7.	103 - 107	04	Good
8.	118 - 124	04	Good
9.	126 - 130	03	Good
10.	136 - 140	04	Good
11.	144 - 154	10	Good
12.	162 - 166	04	Good
13.	171 - 175	04	Good

103-106 (3M)
 126-129 (3M)

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone SI. No. 6 is highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

Gh
 25/05/23