

Cover Agreement No. :-

Name of District:- *Sidharth Nagar*

Block Name:- *Khuniyaan*

Scheme Name:- *Mahua Khurd*

Name of Activity :- *T/W*

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			6.02	200 mm Dia housing pipe to 41.64M
			6.02	200 x150mm reducer from 41.64 M to 41.84M
			6.02	150mm dia plain pipe from 41.84 M to 58.51 M
18		sand	6.01	150mm dia slotted pipe from 58.51 M to 64.51 M
25		clay	6.02	150mm dia plain pipe from 64.51 M to 110.75M
28		sand	6.03	150mm dia slotted pipe from 110.75 M to 113.75M
31		clay	6.02	150mm dia plain pipe from 113.75 M to 118.55M
35		sand	6.02	150mm dia slotted pipe from 118.55 M to 127.55M
45		clay	0.200	150mm dia plain pipe from 127.55 M to 133.58 M
48		sand	6.03	Total Assembly- 133.58 M+AGL 0.5= 134.08M
55		clay	6.04	
58		kankar 6" w + sand	4.60	<b>ABSTRACT</b>
65		clay	6.03	Date of Lowering-
81		sand	6.04	LPM- 500
85		clay	6.04	Drilling Depth- 170 M
100		sand	6.03	Assembly Lowered- 134.08M
104		clay	4.60	Housing Pipe- 42.14 M
109		kankar 3" w + sand	6.03	Plain Pipe- 73.74 M
115		clay	6.03	Slotted Pipe- 18 M
118		kankar 6" w + sand 3" w	6.04	Reducer- 0.200 M
128		clay	6.03	
140		sand	6.03	<b>LOGGING REPORT</b>
143		clay	6.03	Date of Logging- 24/04/2023
148		sand	6.03	Logging Depth- 160m
155		clay	6.03	18-25 = 7m
165		clay	6.03	28-31 = 3m
			6.03	35-45 = 10m
			6.03	48-55 = 7m
			6.03	58-65 = 7m
			6.03	81-85 = 4m
			6.03	100-104 = 4m
			6.03	109-115 = 6m
			6.03	118-128 = 10m
			6.03	140-143 = 3m
			6.03	148-155 = 07m



*A. Suresh*  
TPI

*Atm*  
J.E.

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A.E.

E.E.

# 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: 266

Dated: 24-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahuaa Khurd  
Block: Khuniyaon  
District: Siddarth Nagar  
State: Uttar Pradesh  
Drilling Depth: 170.0 m bgl  
Logging Depth: 160.0m bgl  
Date of logging: 24-04-2023  
Rm - 22.0  $\Omega$ m Rw - 19.0  $\Omega$ 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.	18 - 25	07	Good
2.	28 - 31	03	Good
<del>3.</del>	35 - 45	10	Good
<del>4.</del>	48 - 55	07	Good
<del>5.</del>	58 - 65	07	Good
<del>6.</del>	81 - 85	04	Good
(7.)	100 - 104	04	Good
<del>8.</del>	109 - 115	06	Good
<del>9.</del>	118 - 128	10	Good
<del>10.</del>	140 - 143	03	Good
<del>11.</del>	148 - 155	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 3, 5 & 11 are highly intermixed with fine band of kankar.

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G&H  
25/04/23*