



VSAIPPL-SCL JOINT VENTURE

SWS PROJECT, SIDDHARTH NAGAR, U.P

STRATA CHART



Cover Agreement No. :-

Name of District:- *Siddharth Nagar*

Block Name:- *Khesraha.*

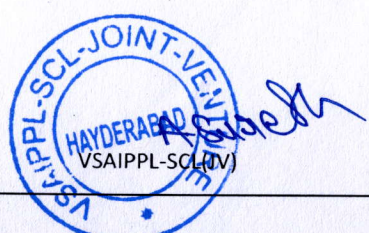
Scheme Name:- *Maduapur*

Name of Activity :- *FW*

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0				700 mm Dia housing pipe to 25.55 M
				300 x150mm reducer from 25.55 M to 35.75 M
		clay	6.00	150mm dia plain pipe from 35.75 M to 90.30 M
			6.05	150mm dia slotted pipe from 90.30 M to 96.31 M
17		medium sand	6.00	150mm dia plain pipe from 96.31 M to 116.87 M
23		clay	5.99	150mm dia slotted pipe from 116.87 M to 125.87 M
			6.00	150mm dia plain pipe from 125.87 M to 135.00 M
31		Medium sand	6.01	150mm dia slotted pipe from 135.00 M to 144.00 M
35		clay	0.200	150mm dia plain pipe from 144.00 M to 150.01 M
			0.200	Total Assembly- 150.01 M+AGL 0.5= 150.51M
			6.00	
			6.00	
			6.00	
		clay	6.05	
			6.00	
70		medium sand	6.00	
80		clay	6.00	
			3.50	
90		fine sand	6.01	90.30
97		clay	6.00	96.31
			6.01	
			6.05	
116		fine sand	6.00	116.87
126		clay	3.00	
			6.00	125.87
135		fine sand	6.00	
			3.13	135
144		clay	6.01	144.00
			0	150.01
157		medium sand		+0.50
163		clay		150.51
165				

ABSTRACT	
Date of Lowering-	
LPM-	650
Drilling Depth-	165 M
Assembly Lowered-	150.51 M
Housing Pipe-	26.05 M
Plain Pipe-	90.25 M
Slotted Pipe-	24.01 M
Reducer-	0.200 M

LOGGING REPORT	
Date of Logging-	
Logging Depth-	
	17-23 = 06
	21-35 = 4
	76-80 = 4
	90-97 = 7
	116-126 = 10
	135-144 = 9
	157-163 = 6



TPI

J.E.

A.E.

E.E.

Maduapur - Khesraha

Logg - 16.04.23

RR = 650 Spm

180/176

17-23 = 06

31-35

76-80


90-97 = 07 = 06

116-126 = 10 = 09

135-144 = 09 = 09

157-163 = 106

28	6.00	
27	6.05	
26	6.00	36.05
25	5.99	
24	6.00	
23	6.01	35.55
		0.20
22	6.00	35.75
21	6.00	
20	6.00	
19	6.05	
18	6.00	
17	6.00	54.55
16	6.00	
15	6.00	
14	3.00	
13	3.50	
		90.30
12	6.01	
		96.31
11	6.00	
10	6.01	
9	6.05	= 20.56
8	2.50	
		116.87
7	6.00	
		= 9.00
6	3.00	
		125.87
5	6.00	
		9.13
4	3.13	
		135
3	6.00	
		6.00
2	3.00	
		144.00
0		
		6.01
		150.01


AE

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: 177

Dated: 17-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Maduapur**
Block: **Khesraha**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **180.0 m bgl**
Logging Depth: **176.0 m bgl**
Date of logging: **16-04-2023**
Rm - **25.0 Ωm** Rw - **19.0 Ωm**

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Borehole Drilled by: M/s VSAIPPL-SCL (JV), 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.	17 - 23	06	Good
2.	31 - 35	04	Good
3.	76 - 80	04	Good
4.	90 - 97	07	Good
5.	116 - 126	10	Good
6.	135 - 144	09	Good
7.	157 - 163	06	Good

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

~~2.~~ Zones Sl. No. 3 is highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*GSh
18/04/23*