

LOGGING REPORT			District:-
SIN	Depth Range	Thickness(M)	Remarks
1	54 - 58	4	Good
2	76 - 96	20	Good
3	118 - 122	4	Good
4	131 - 138	7	Good
5	154 - 158	4	Good

1	District:-	Siddharthnagar
2	Block:-	KHUNIYAON
3	Scheme Name:-	Karonda Kalasa
4	Date of Logging:-	04.01.2024
5	Date of Lowering:-	13.01.2024
6	Size of Assembly:-	300 mm Ø X 150 mm Ø
7	Size of Bore:-	600 mm Ø X 500 mm Ø
8	Required Discharged:-	650 LPM
9	Logging Depth:-	170.1 M
10	Total TW Assembly	144.06 M
11	Housing Pipe:-	42.0 M
12	Plain Pipe	77.86 M
13	Slotted Pipe	24 M
14	Logging By:-	GROUND WATER INVESTIGATION CENTRE/KO

CLIENT:	STATE WATER SANITATION MISSION (NAMAMI GANGE & RURAL WATER SUPPLY SCHEME DEPARTMENT GOVERNMENT OF UTTAR PRADESH)		
PROJECT:-	SIDDHARTH NAGAR GROUP OF VILLAGE WATER SUPPLY SCHEME		
EPC CONTRACTOR:	VSAIPPL-SCL JOINT VENTURE		
DRWN	NAME	SIGN	TITLE:
DSGN:-			ACTUAL TUBEWELL ASSEMBLY LOWERING DRAWING
CHKD :-			GP: Karonda Kalasa WATER SUPPLY SCHEME
DAPP :-			
DATE :-			
DRAWING NO.:			SHEET NO. 1 OF 1
			SIZE A4

Handwritten signatures and initials: IE, AE, EE, and others.

Chart

165m
170m
Actual Tubewell Assembly Lowering.





VSAIPPL-SCL JOINT VENTURE

SWS PROJECT, SIDDHARTH NAGAR, U.P

STRATA CHART



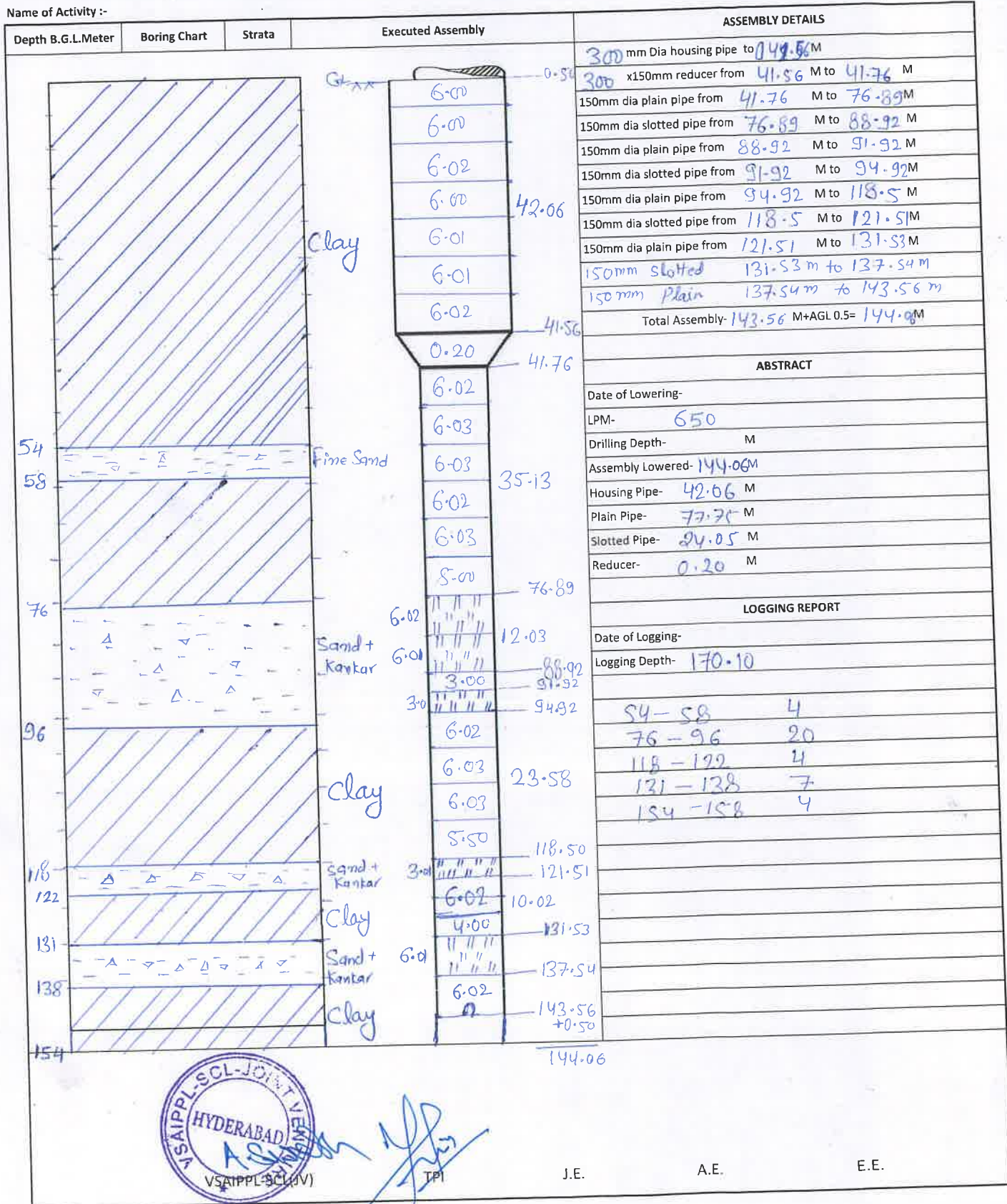
Cover Agreement No. :-

Name of District:-

Scheme Name:- **KARAUNDA KHALSA**

Name of Activity :-

Block Name:- **KHUNIXAON**



[Handwritten signature]
TPI

J.E.

A.E.

E.E.

(5) G.P. = Krouda Khalla
was in

Block = Khunigaon
District = Sidharth Nagar

Tubewell size = (300x150)mm

Logging depth = 170.10 m bgl

Drilling depth = 180.00 m bgl

LPM = 650

Slotted = 24m

As per Logging Report
(10/01/02)

- ① 54-58 = 4
- ② 76-96 = 20 = 15 L
- ③ 118-122 = 4 = 3 L
- ④ 131-138 = 7 = 6 L
- ⑤ 154-158 = 4

Plain pipe cutting ϕ 150mm

- ① 6.03 = 5.50 + 1.03
- ② 6.02 = 3.00 + 3.02
- ③ 6.04 = 5.50 + 0.54
- ④ 6.02 = 4.00 + 2.02

Slotted pipe cutting ϕ 150mm

- ① 6.01 = 3.00 + 3.01

Depth (m)	Soil Type	Remarks	Volume (m ³)
26	6.00		
25	6.00		
24	6.02		
23	6.00		42.06
22	6.01		
21	6.01		
20	6.02		41.56
			0.200
			41.76
19	6.02		
18	6.03		
17	6.03		35.13
16	6.02		
15	6.03		
14	5.00		76.89
13	6.02		
12	6.01		12.03
			88.92
11	2.00		
10	3.00		91.92
9	6.02		34.92
8	6.02		23.58
7	6.03		
6	5.50		
			118.50
5	3.01		
			121.51
4	6.02		
3	4.00		100.2
			131.53
2	6.01		
			137.54
1	6.02		
			143.56
			40.500
			184.06 m



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/750

Date: 04-01-2024

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Karaunda Khalsa, Block – Khuniyaon,
Distt. – Siddharth Nagar

Drilling Depth (m) : 180.00 mbgl as reported by Driller

Logged Depth (m) : 170.10 mbgl

Date of Logging : 04.01.2024

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : VSAIPPL-SCL-JV VEEPL,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R_{mf} & R_w
1	54 – 58	4	Good	$R_{mf} = 10.03 \Omega m$ $R_w = 16.44 \Omega m$
2	76 – 96	20	Good	
3	118 – 122	4	Good	
4	131 – 138	7	Good	
5	154 – 158	4	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)
Geophysicist