



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/SNDHNGR-2

Date : 04/12/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Gonera
Location : 27.311176, 82.864932
Block : Khuniyaon
District : Siddharth Nagar
State : Uttar Pradesh
Rm/Rw : 21/22
Drilling Depth : 165 Mbgl
Logging Depth : 161 Mbgl
Date of Logging : 03-Dec-2022
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S G A Infra, Siddharth Nagar, Uttar Pradesh
Representative : Mr. Gaurav Yadav

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 (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	31-35	4	Good
2	47-50	3	Good
3	54-59	5	Good
4	77-84	7	Good
5	90-105	15	Good
6	115-119	4	Good
7	121-126	5	Good
8	133-140	7	Good

Note: No proper granular zones encountered below 140 mbgl to till depth logged.

*Verified as per logs provided
Note: Sr No 7 have band of finer sediments*

*G. Ch
05/12/22*





Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Survekshita Mission

Cover Agreement No. :-

Name of District:- Siddharthnagar

Scheme Name:- Gohara w.s.s.

Name of Activity:-

Block Name:- Ichhriyaon

Depth B.G.L. Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.53 M
				200 x 150mm reducer from 35.53 M to 35.73 M
31.0		CLAY	6.00	150mm dia plain pipe from 35.73 M to 45.79 M
			6.01	150mm dia slotted pipe from 45.79 M to 101.79 M
35.0		Medium Sand	6.01	150mm dia plain pipe from 101.79 M to 133.57 M
			6.00	150mm dia slotted pipe from 133.57 M to 139.57 M
			6.01	150mm dia plain pipe from 139.57 M to 145.57 M
49.0		CLAY	6.02	150mm dia slotted pipe from
			6.01	150mm dia plain pipe from
50.0		medium sand	6.01	
54.0		CLAY	6.01	
59.0		medium sand	6.01	
			6.00	
		CLAY	6.00	
77.0		medium sand	6.00	
84.0		CLAY	6.00	
90.0		medium sand	6.00	
			6.00	
105.0		CLAY	6.00	
115.0		medium sand	6.00	
119.0		CLAY	6.00	
121.0		m.s.	1.78	
126.0		CLAY	6.00	
			6.00	
133.0		medium sand	6.00	
			6.00	
140.0		CLAY	6.00	
			6.00	
161		Sandy clay		
165				
				ASSEMBLY DETAILS
				Total Assembly: 145.57 M + AGL 0.5 = 146.07 M
				ABSTRACT
				Date of Lowering:-
				LPM: 350
				Drilling Depth: 165 M
				Assembly Lowered: 145.57 M
				Housing Pipe: 36.03 M
				Plain Pipe: 97.84 M
				Slotted Pipe: 12.00 M
				Reducer: 0.2 M
				LOGGING REPORT
				Date of Logging: 03/12/2022
				Logging Depth: 161 m
				31 - 35 = 4
				47 - 50 = 3
				54 - 59 = 5
				77 - 84 = 7
				90 - 105 = 115
				115 - 119 = 4
				121 - 126 = 5
				133 - 140 = 7

MEIL

TPI

J.E.

A.E.

E.E.

सहायक अभियन्ता
खण्ड कार्यालय (वि०/याँ०)
उ० प्र० जल निगम (ग्रामीण)
गोरखपुर