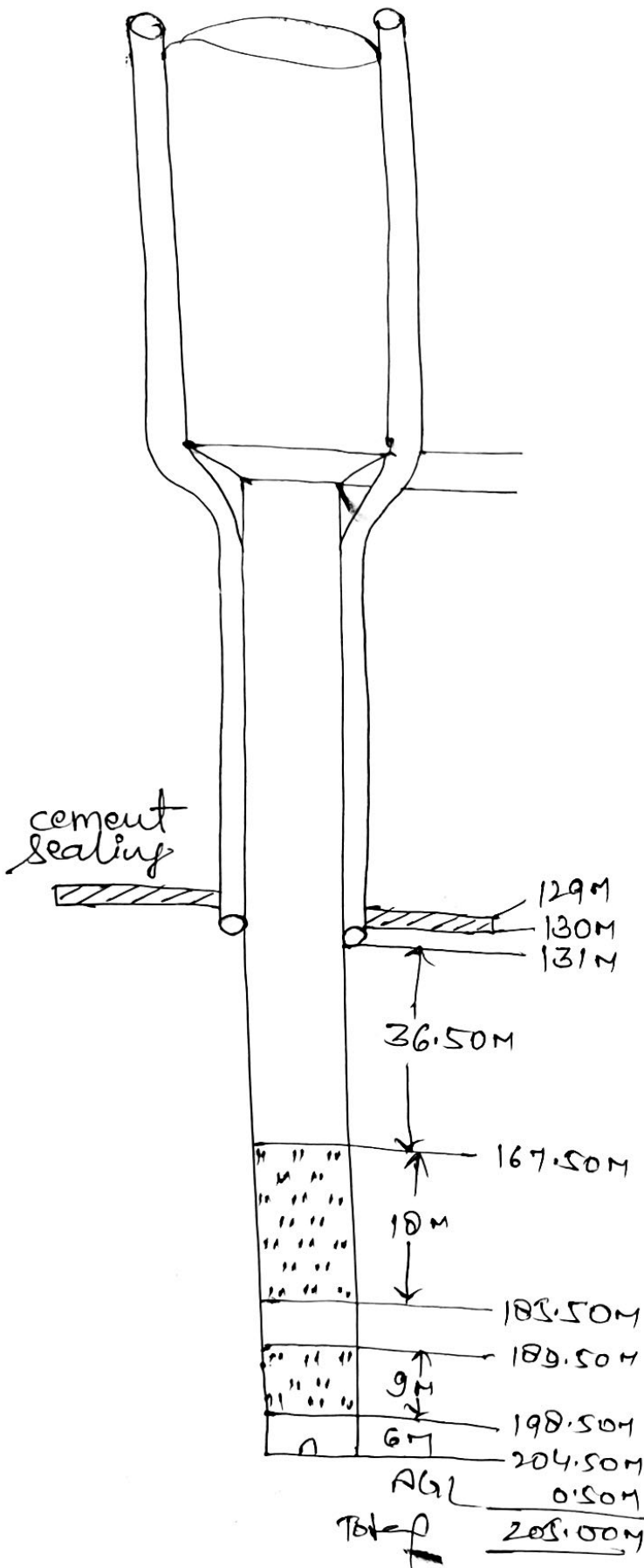


Proposed T.W. Assy chart of Nidhinagar Sankalpa W/S Scheme Bahraich (Block - Nawabganj)



Boye Srge - 600mm x 450mm
T.W. Assy - 300mm x 150mm
Discharge - 800W x 137m x 15H

Logging Report (07/11/2024)

1. 0 - 12m - 12m
2. 12 - 16m - 4m
- 10 - 104 - 111m - 7m - sandy clay
- 22 - 127 - 132m - 5m - sandy clay
- 23 - 132 - 142m - 10m -
- 24 - 142 - 144m - 2m
- 25 - 144 - 148m - 4m
- 26 - 148 - 154m - 6m - sandy clay
- 27 - 154 - 157m - 3m - clay
- 28 - 157 - 161m - 4m -
- 29 - 161 - 166m - 5m - sandy clay
- 30 - 166 - 186m - 20m -
- 31 - 186 - 189m - 3m - clayey sand
- 32 - 189 - 199m - 10m -
- 33 - 199 - 210m - 11m - sandy clay
- 34 - 210 - 218m - 8m -
- 35 - 218 - 220m - 2m - sandy clay

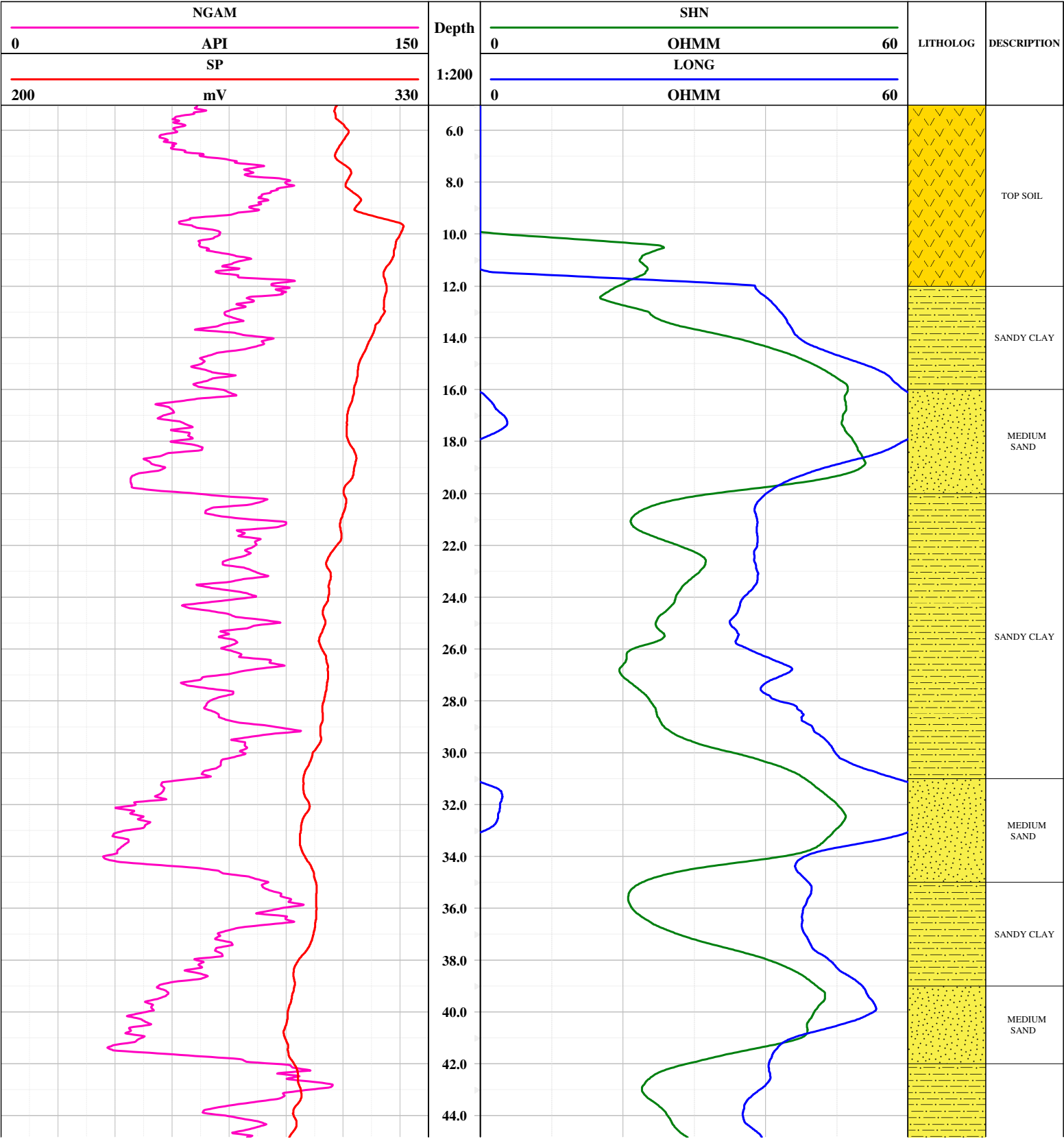
As per Estimate.

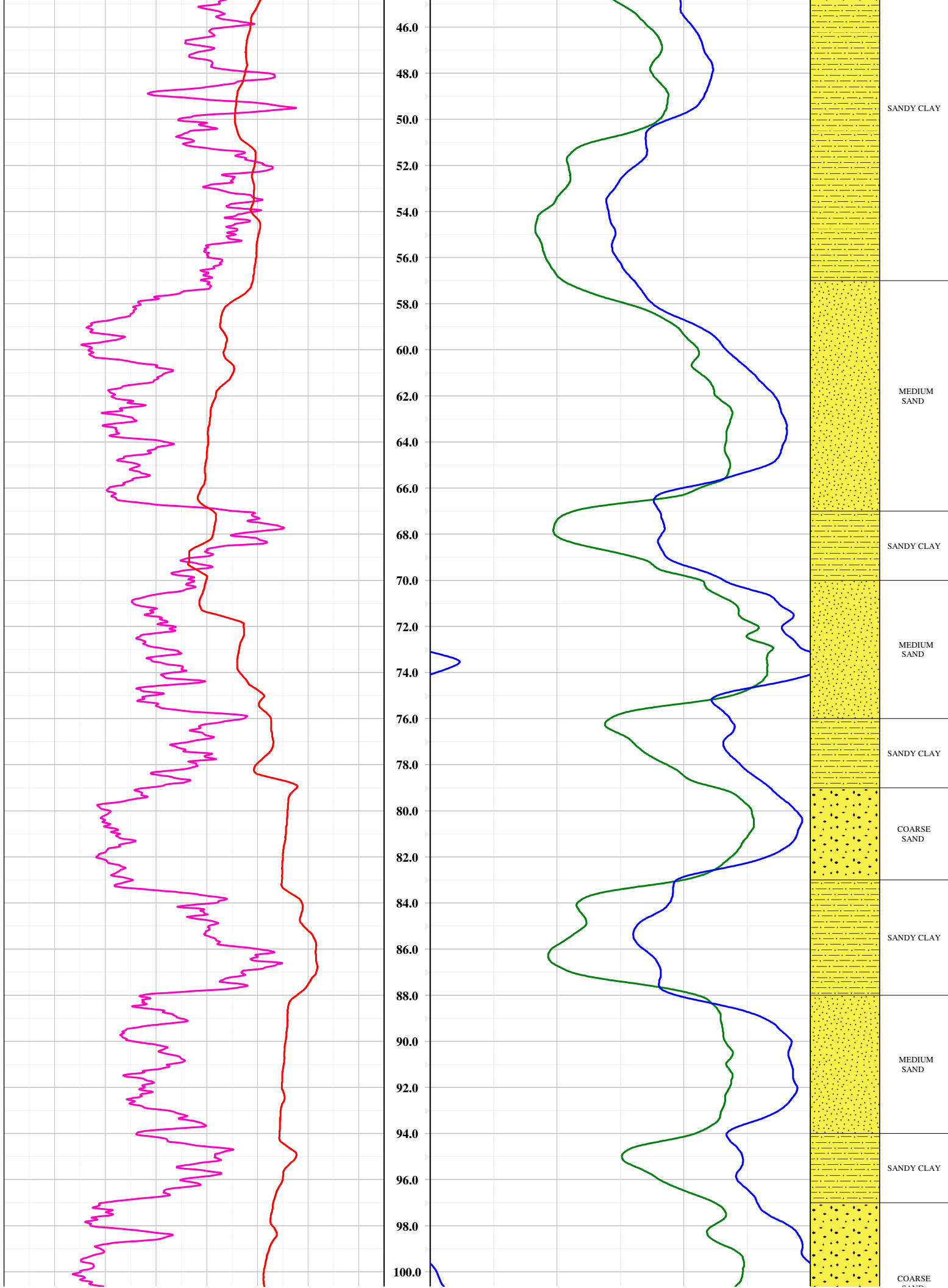
- 300mm f HP - 40m
- 150mm f DP - 130m
- 150mm f SP - 30m

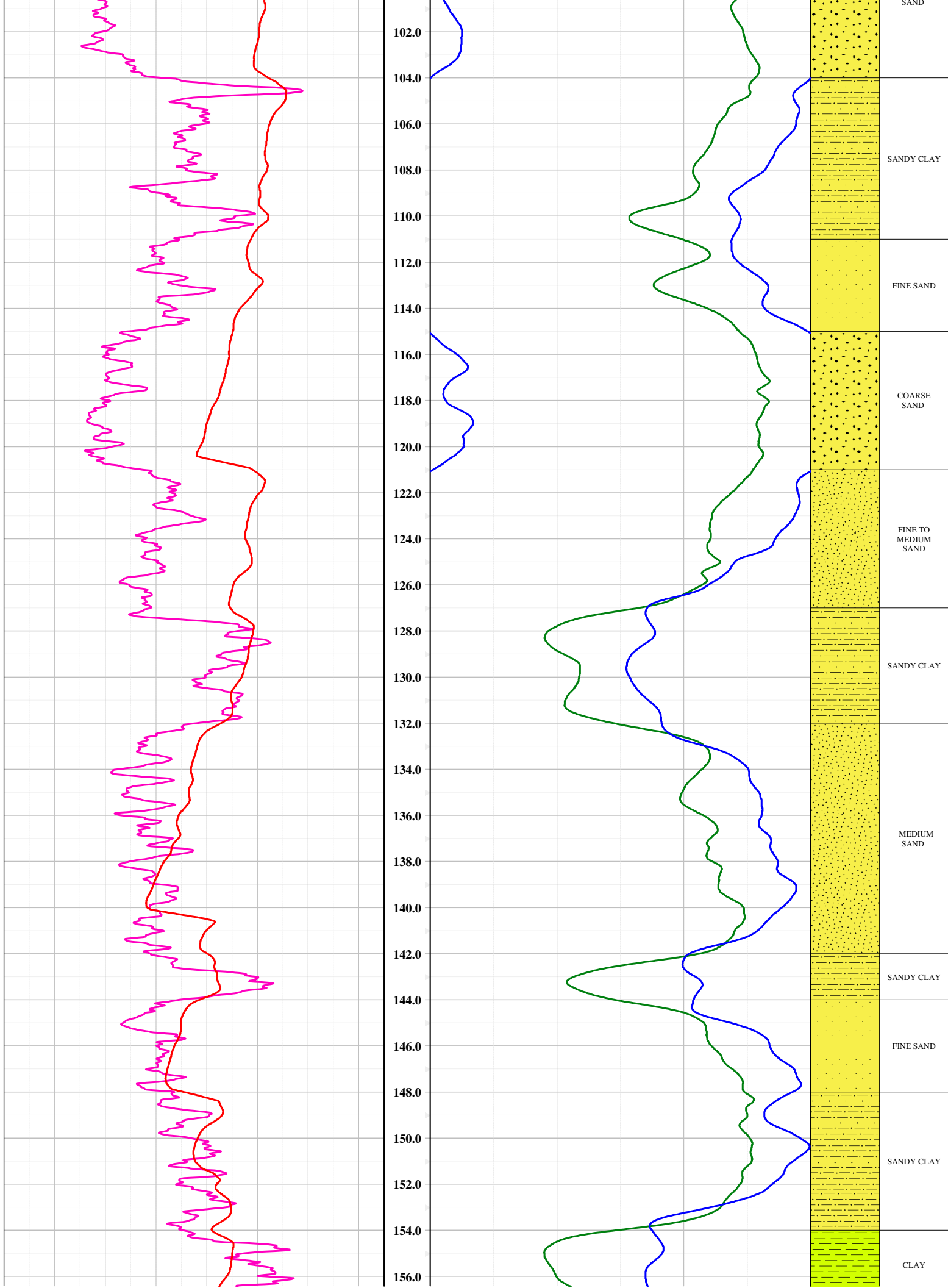
GEOPHYSICAL WELL LOGGING

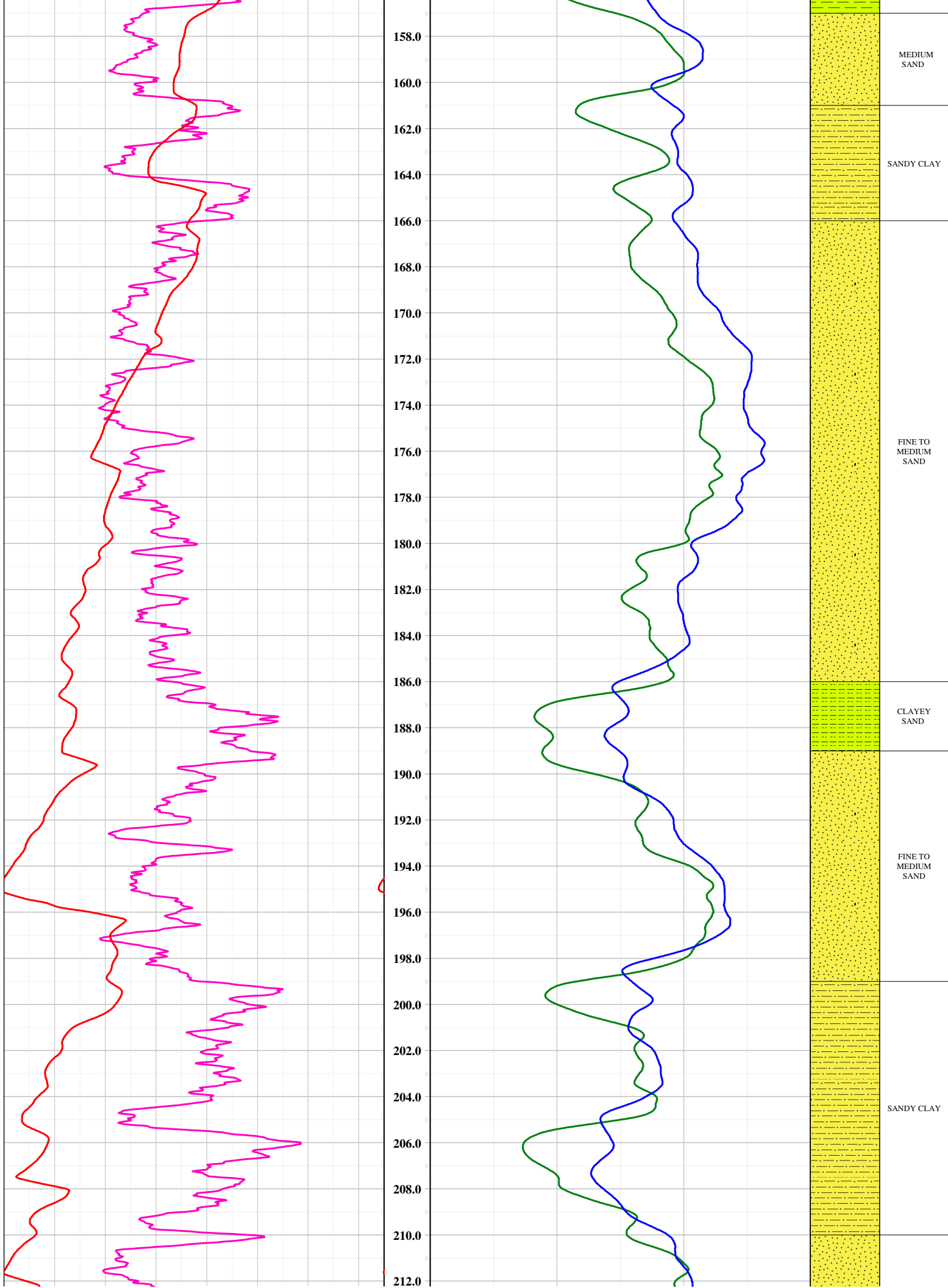


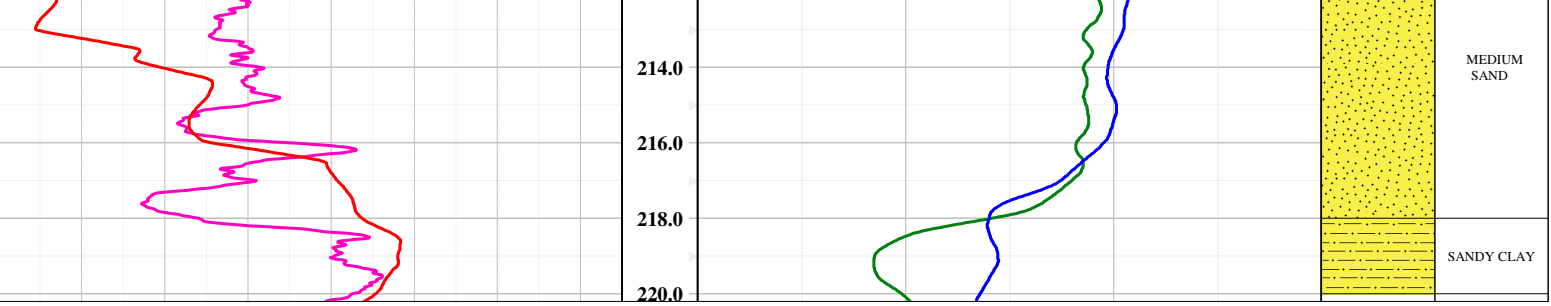
COMPANY	SHIV DRILLERS	DEPTH SCALE	1:200	STATE	UTTAR PRADESH
DATE	07 Apr 24	BOREHOLE DEPTH	220 m	LOCATION	NIDHINAGAR SANKALPA
WELL ID	BH-120	LOGGING DEPTH	220 m	FIELD NAME	NABABGANJ,BAHRAICH
LONGITUDE	81.60824	DEPTH OF CASING		OPERATOR	SHIV DRILLERS
LATITUDE	27.97287	DRILL ROD USED		WITNESS	CGWB
ELEVATION		WATER LEVEL		LOG PROCESSED BY	AKDGSPL













AKD GEOMINING SOLUTIONS (OPC) PRIVATE LIMITED

Geological, Geophysical & Planning Services for Mineral Exploration

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GEOPHYSICAL DIGITAL LOGGING REPORT

SITE: NIDHINAGAR SANKALPA
BLOCK: NABABGANJ
DISTRICT: BAHRAICH
STATE: UTTAR PRADESH
LONGITUDE: 81.60824
LATITUDE: 27.97287

DATE OF LOGGING: 07.04.2024
DRILLING DEPTH: 220 m
LOGGING DEPTH: 220 m
LOGGING COMPANY: SHIV DRILLERS
LOG PROCESSED BY: AKDGSPL

Based on the downhole geophysical parameters following information (in terms of granular zones) may be deciphered

Sl. No.			Thickness (m)	INFERRED LITHOLOGY	Remark (Quality of Aquifer Water)
1	0	12	12	TOP SOIL	
2	12	16	4	SANDY CLAY	
3	16	20	4	MEDIUM SAND	GOOD
4	20	31	11	SANDY CLAY	
5	31	35	4	MEDIUM SAND	GOOD
6	35	39	4	SANDY CLAY	
7	39	42	3	MEDIUM SAND	GOOD
8	42	57	15	SANDY CLAY	
9	57	67	10	MEDIUM SAND	GOOD
10	67	70	3	SANDY CLAY	
11	70	76	6	MEDIUM SAND	GOOD
12	76	79	3	SANDY CLAY	
13	79	83	4	COARSE SAND	GOOD
14	83	88	5	SANDY CLAY	
15	88	94	6	MEDIUM SAND	GOOD
16	94	97	3	SANDY CLAY	
17	97	104	7	COARSE SAND	GOOD
18	104	111	7	SANDY CLAY	
19	111	115	4	FINE SAND	GOOD
20	115	121	6	COARSE SAND	GOOD
21	121	127	6	FINE TO MEDIUM SAND	GOOD
22	127	132	5	SANDY CLAY	
23	132	142	10	MEDIUM SAND	GOOD
24	142	144	2	SANDY CLAY	
25	144	148	4	FINE SAND	GOOD
26	148	154	6	SANDY CLAY	
27	154	157	3	CLAY	
28	157	161	4	MEDIUM SAND	GOOD
29	161	166	5	SANDY CLAY	
30	166	186	20	FINE TO MEDIUM SAND	GOOD
31	186	189	3	CLAYEY SAND	
32	189	199	10	FINE TO MEDIUM SAND	GOOD
33	199	210	11	SANDY CLAY	
34	210	218	8	MEDIUM SAND	GOOD
35	218	220	2	SANDY CLAY	

NOTE:- 1. ALL zones have intermixed with thin band of kankar

AKD GEOMINING SOLUTIONS
(OPC) PRIVATE LIMITED


Director

Authorized Signatory

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Geology | Mining | Geophysics | Ground Water | Engineering & Environmental Investigation
Down Hole Geophysics | Hydrogeology | Expln. & Mining Project Management