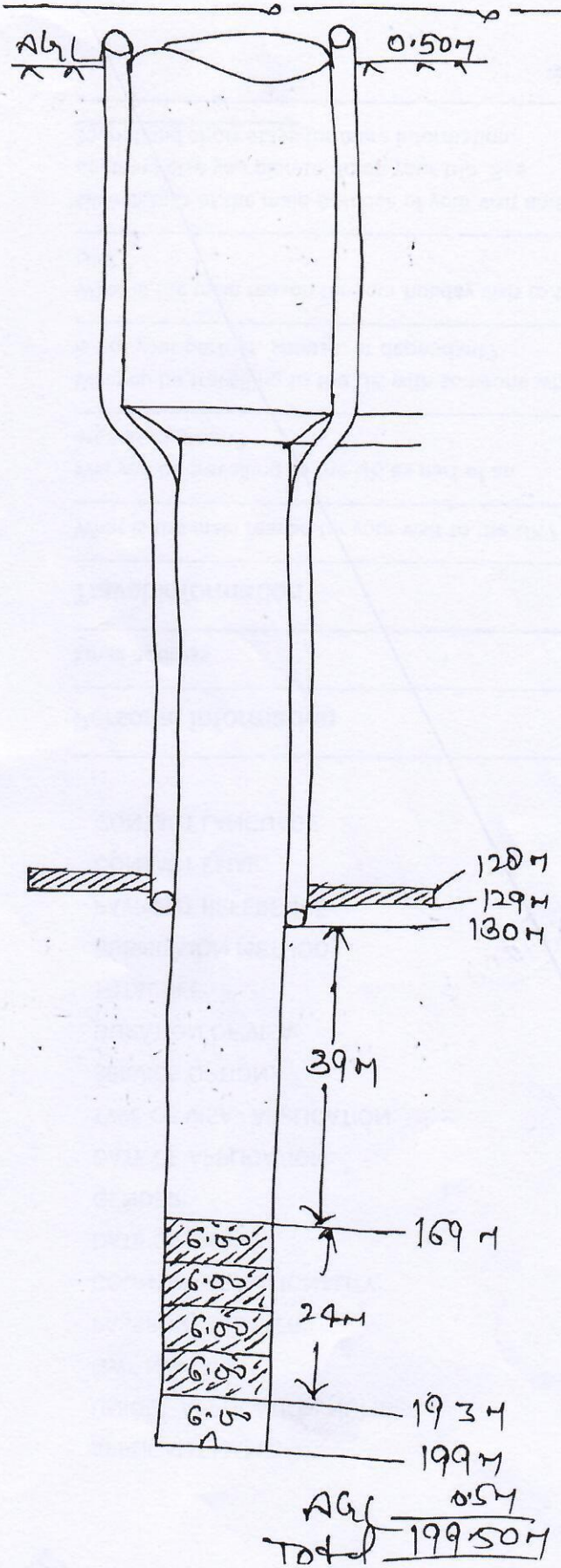
Proposed T.W. Assy. Chart of Tula Majhaura W/S Scheme Bahraich under JJM (Block - Risia)



Bore Size - 600mm x 450mm

T.W. Assy - 300mm x 150mm

Discharge - 650LPM / 35M

Logging Report. (24-9-2021)

1 - 0 - 5M - 5M
2 - 5 - 8.5M - 3.5M
" " " "
" " " "
20 - 114.5 - 124.5M - 10M
21 - 124.5 - 130M - 5.5M - clay
22 - 130 - 150M - 20M
23 - 150 - 162M - 12M
24 - 162 - 168M - 6M - clay
25 - 168 - 170M - 2M
26 - 170 - 182M - 12M
27 - 182 - 185M - 3M
28 - 185 - 200M - 15M
29 - 200 - 213M - 13M clay/sand

As per Estimate

- 300mm ϕ Housing - 40M
- 150mm ϕ Plain Pipe - 130M
- 150mm ϕ Slotted Pipe - 30M

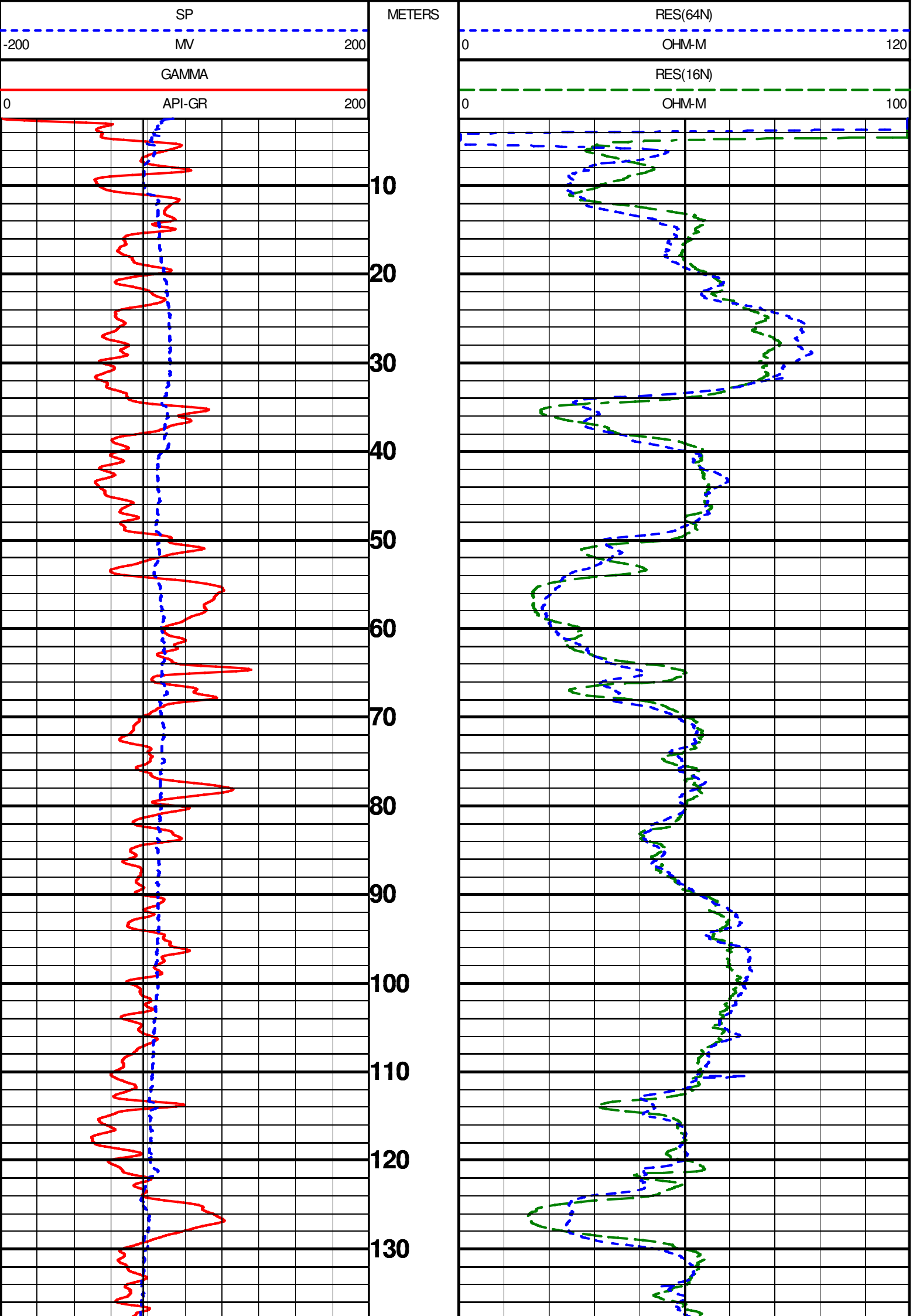
TULA MAJHAUHA

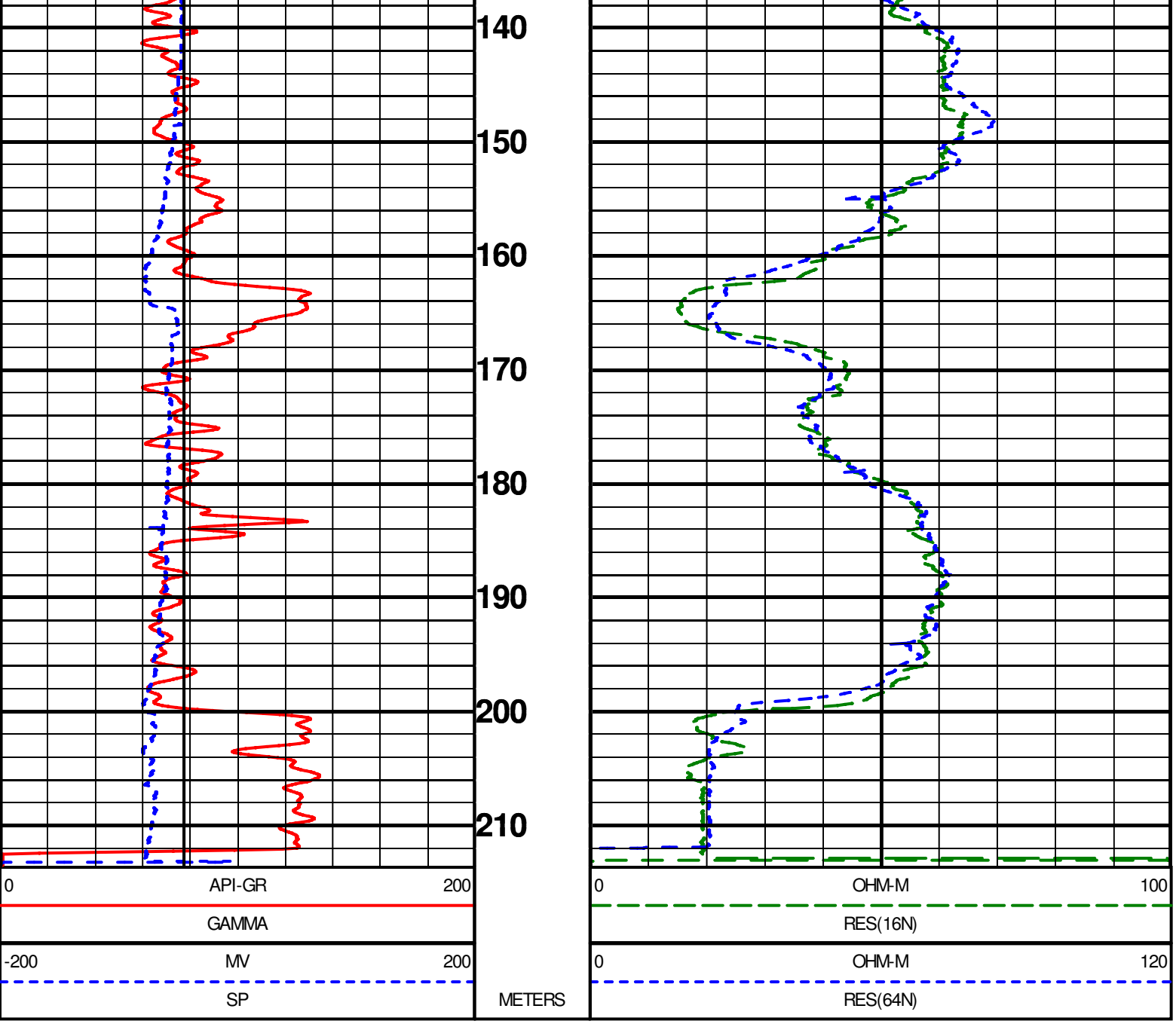
COMPANY	: SHIV DRILLERS	OTHER SERVICES:
WELL	: TULA MAJHAUHA	DEPTH
FIELD	: RISIYA	SCALE
COUNTY	:	1:200
STATE	:	

LOCATION	:
SECTION	: N/A
TOWNSHIP	:
RANGE	:
API NO.	:
UNIQUE WELL ID.	:

PERMANENT DATUM	:	ELEVATION KB	:
LOG MEASURED FROM	:	ELEVATION DF	:
DRL MEASURED FROM	:	ELEVATION GL	:

DATE	: 24 Sep 2	RIG NUMBER	:
DEPTH DRILLER	:	LOGGER TD	:
BIT SIZE	:	ARRIVAL TIME	:
LOG TOP	: 2.46	DEPARTURE TIME:	
LOG BOTTOM	: 213.54	CIRC STOPPED	:
CASING OD	:		
CASING BOTTOM	:		
CASING TYPE	:		
BOREHOLE FLUID	:		
RM TEMPERATURE	:		
MUD RES	:		
MUD WEIGHT	:		
WITNESSED BY	:		
RECORDED BY	:		
REMARKS 1	:		
REMARKS 2	:		


SP
-200
MV
200
GAMMA
0
API-GR
200
METERS
10
20
30
40
50
60
70
80
90
100
110
120
130
RES(64N)
0
OHM-M
120
RES(16N)
0
OHM-M
100


140
150
160
170
180
190
200
210
0
API-GR
200
GAMMA
-200
MV
200
SP
METERS
0
OHM-M
100
RES(16N)
0
OHM-M
120
RES(64N)

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TULA MAJHAUHA	**DATE OF LOGGING:**	24.09.2022
BLOCK:	KAISARGANJ	**DRILLING DEPTH:**	220.00 M
STATE:	RISIYA	**LOGGING DEPTH:**	213.00 M
ENGG:	ASHOK KUMAR	**LOGGING COMPANY:**	Mining Associates Pvt. Ltd.

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- *These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value*

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	5	5	Top Soil	
2	5	8.5	3.5	Fine grained Sand	Medium
3	8.5	11	2.5	Medium grained Sand	Good
4	11	15.5	4.5	Fine grained Sand	Medium
5	15.5	24	8.5	Medium to Fine grained Sand	Good
6	24	35.5	11.5	Coares grain sand	Good
7	35.5	38	2.5	Clay	
8	38	49	11	Coares to medium grain sand	Good
9	49	54.5	5.5	Medium to Fine grained Sand	Good
10	54.5	60	5.5	Clay	
11	60	66.5	6.5	Fine grained Sand	Medium
12	66.5	69	2.5	Clay	
13	69	76.5	7.5	Medium to Fine grained Sand	Good
14	76.5	81	4.5	Fine grained Sand	Medium
15	81	94	13	Medium to Fine grained Sand	Good
16	94	99.5	5.5	Fine grained Sand	Medium
17	99.5	107	7.5	Medium to Fine grained Sand	Good
18	107	113.5	6.5	Medium grained Sand	Good
19	113.5	114.5	1	Clay	
20	114.5	124.5	10	Coares to medium grain sand	Good
21	124.5	130	5.5	Clay	
22	130	150	20	Medium grained Sand	Good
23	150	162	12	Medium to Fine grained Sand	Good
24	162	168	6	Clay	
25	168	170	2	Fine grained Sand	Medium
26	170	182	12	Medium to Fine grained Sand	Good
27	182	185	3	Fine grained Sand	Medium
28	185	200	15	Medium grained Sand	Good
29	200	213	13	Clay with sand	

For Mining Associates Pvt. Ltd.

Geophysicist