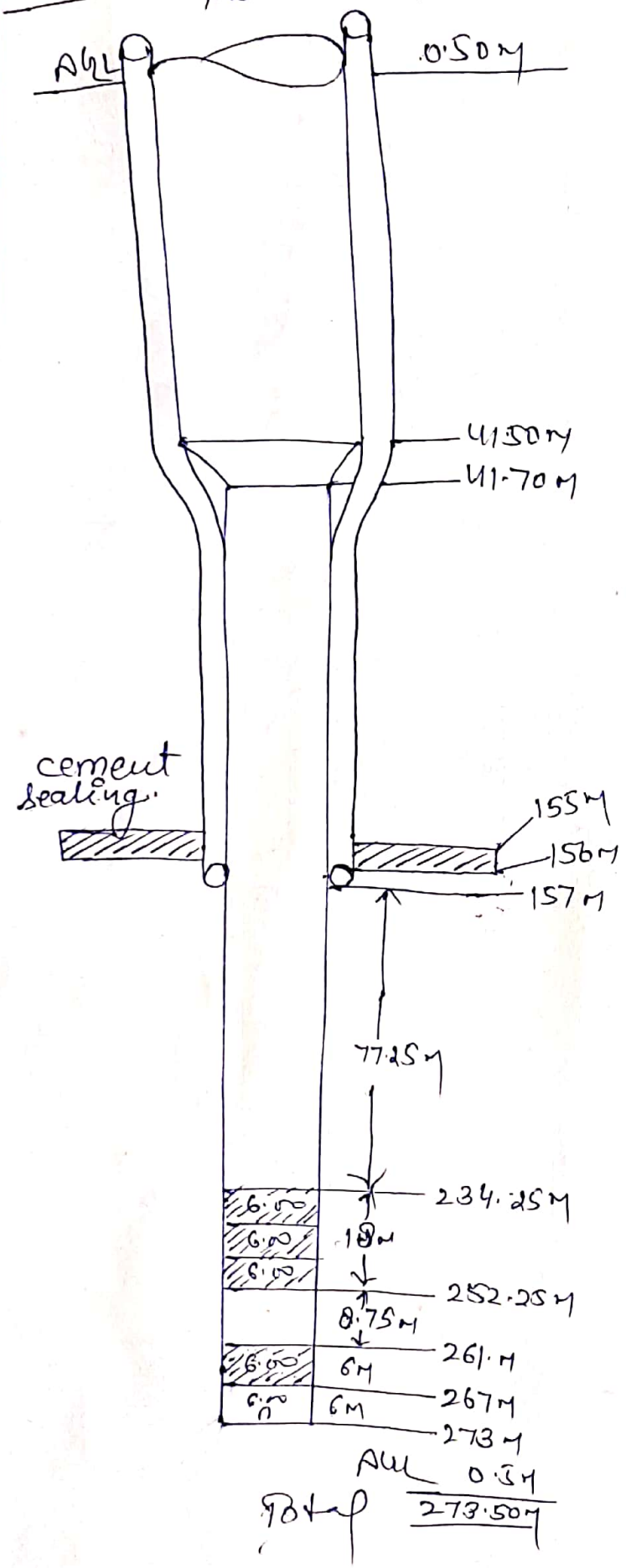
Proposed T.W. Assy. chart of Pathakpurwa M/S scheme Bahraich under JJM (Block – Shitpur)



Bore Size – 600MM x 450 MM
T.W. Assy 300MM x 150mm
Discharge – 800LPM / 37m / 12.5HP

Logging Report (01-03-2022)

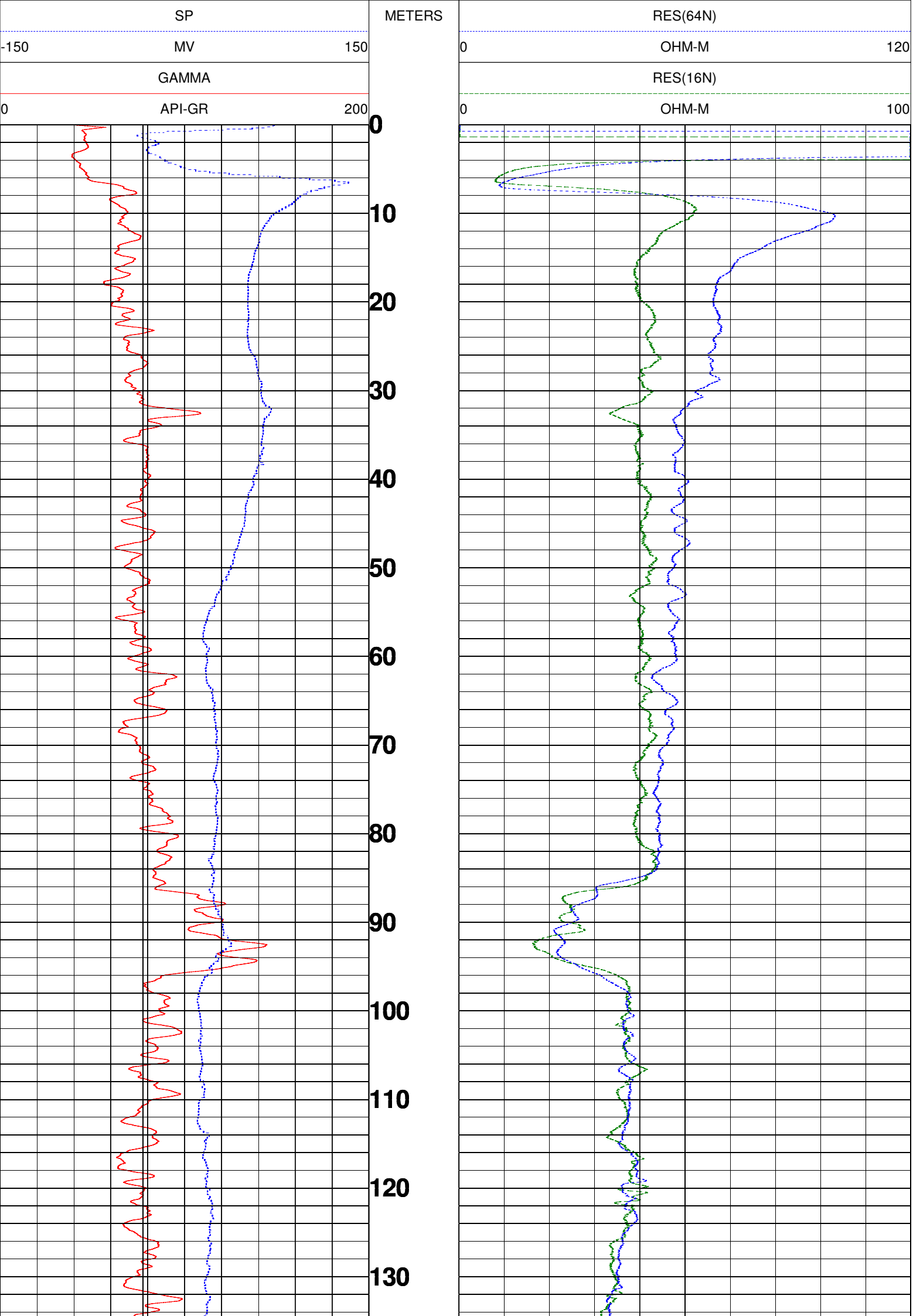
1 - 0 – 8M – 8M – surface clay
2 - 8 – 31.5M – 23.5M.
12 - 154 – 157M – 3M – clay
13 - 157 – 174.5M - 17.5M
14 - 174.5 – 221M – 46.5M
15 - 221 – 234M – 13M – clay with sa
16 - 234 – 252.5M – 18.5M - (18)
17 - 252.5 – 260.5M – 8M. – clay with
18 - 260.5 – 268M – 7.5M - (6)
19 - 268 – 274.5M – 6.5M
20 - 274.5 – 284.5M – 10M
21 - 284.5 – 291M – 6.5M.
22 - 291 – 295M – 4M – clay
23 - 295 – 300M – 5M

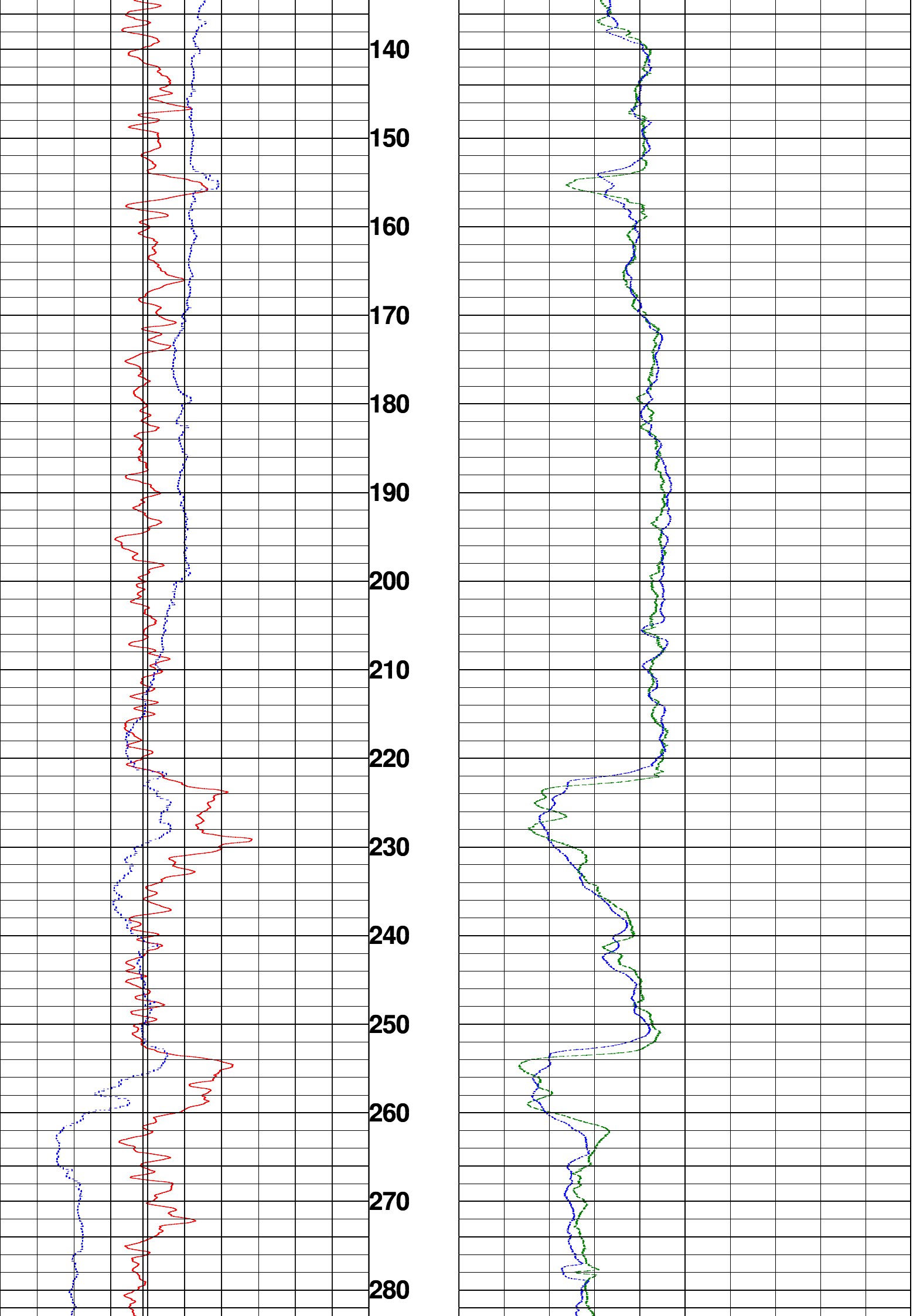
MAPL

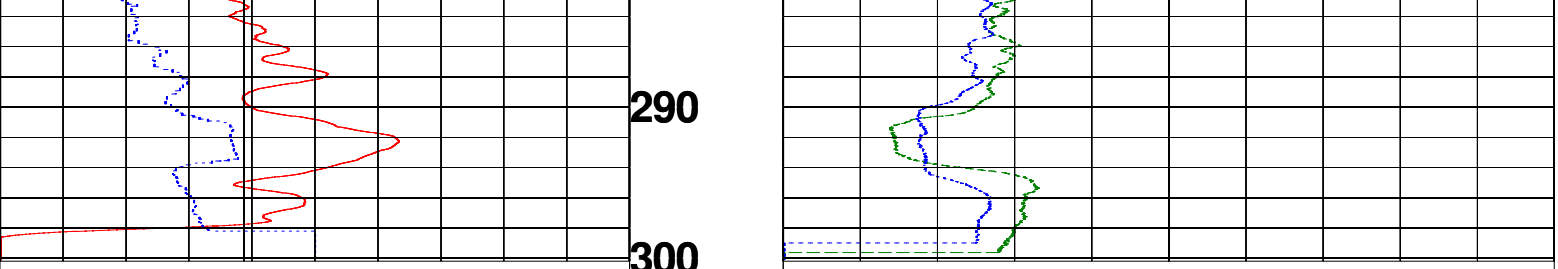
PATHAKPURWA,SHIVPUR

COMPANY	: SHIV DRILLERS	OTHER SERVICES:	
WELL	: PATHAKPURWA,SHIVPUR	DEPTH	
FIELD	: SHIVPUR	SCALE	
COUNTY	: INDIA	1:200	
STATE	: UP		

LOCATION	:		
SECTION	:		
TOWNSHIP	:		
RANGE	:		
API NO.	:		
UNIQUE WELL ID.	:		
PERMANENT DATUM	: MSL	ELEVATION KB	:
LOG MEASURED FROM	: GL	ELEVATION DF	:
DRL MEASURED FROM	: GL	ELEVATION GL	:
DATE	: 03/01/22	RIG NUMBER	:
DEPTH DRILLER	: 300	LOGGER TD	:
BIT SIZE	: 12	ARRIVAL TIME	:
LOG TOP	: -0.02	DEPARTURE TIME	:
LOG BOTTOM	: 300.15	CIRC STOPPED	:
CASING OD	:		
CASING BOTTOM	: 6		
CASING TYPE	:		
BOREHOLE FLUID	: MUD		
RM TEMPERATURE	:		
MUD RES	:		
MUD WEIGHT	:		
WITNESSED BY	: SHIV DRILLERS		
RECORDED BY	: ASHOK KUMAR		
REMARKS 1	:		
REMARKS 2	: NQ SIZE		


SP
METERS
RES(64N)
-150
MV
150
0
OHM-M
120
GAMMA
RES(16N)
0
API-GR
200
0
OHM-M
100
0
10
20
30
40
50
60
70
80
90
100
110
120
130


140
150
160
170
180
190
200
210
220
230
240
250
260
270
280



0	API-GR	200		0	OHM-M	100
	GAMMA				RES(16N)	
-150	MV	150		0	OHM-M	120
	SP		METERS		RES(64N)	

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	PATHAKPURWA	**DATE OF LOGGING:**	01.03.2022
BLOCK:	SHIVPUR	**DRILLING DEPTH:**	300.00M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	300.15M
ENGINEER:	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	8	8	Top Soil	
2	8	31.5	23.5	Coares to medium grain sand	Good
3	31.5	34	2.5	Clay	
4	34	62	28	Medium grain sand	Good
5	62	75.5	13.5	Medium to fine grain sand	Good
6	75.5	86.5	11	Fine grain sand	Medium
7	86.5	96	9.5	Clay with sand	
8	96	106	10	Fine grain sand	Medium
9	106	142	36	Medium to fine grain sand	Good
10	142	147	5	Fine grain sand	Medium
11	147	154	7	Medium to fine grain sand	Good
12	154	157	3	Clay	
13	157	174.5	17.5	Fine to medium gran sand	Medium
14	174.5	221	46.5	Medium to fine grain sand	Good
15	221	234	13	Clay with sand	
16	234	252.5	18.5	Medium to fine grain sand	Good
17	252.5	260.5	8	Clay with sand	
18	260.5	268	7.5	Medium to fine grain sand	Good
19	268	274.5	6.5	Fine grain sand	Medium
20	274.5	284.5	10	Medium grain sand	Good
21	284.5	291	6.5	Fine grain sand	Medium
22	291	295	4	Clay	
23	295	300	5	Fine grain sand	Medium

For Mining Associates Pvt. Ltd.

Ashok Kumar

Geophysicist