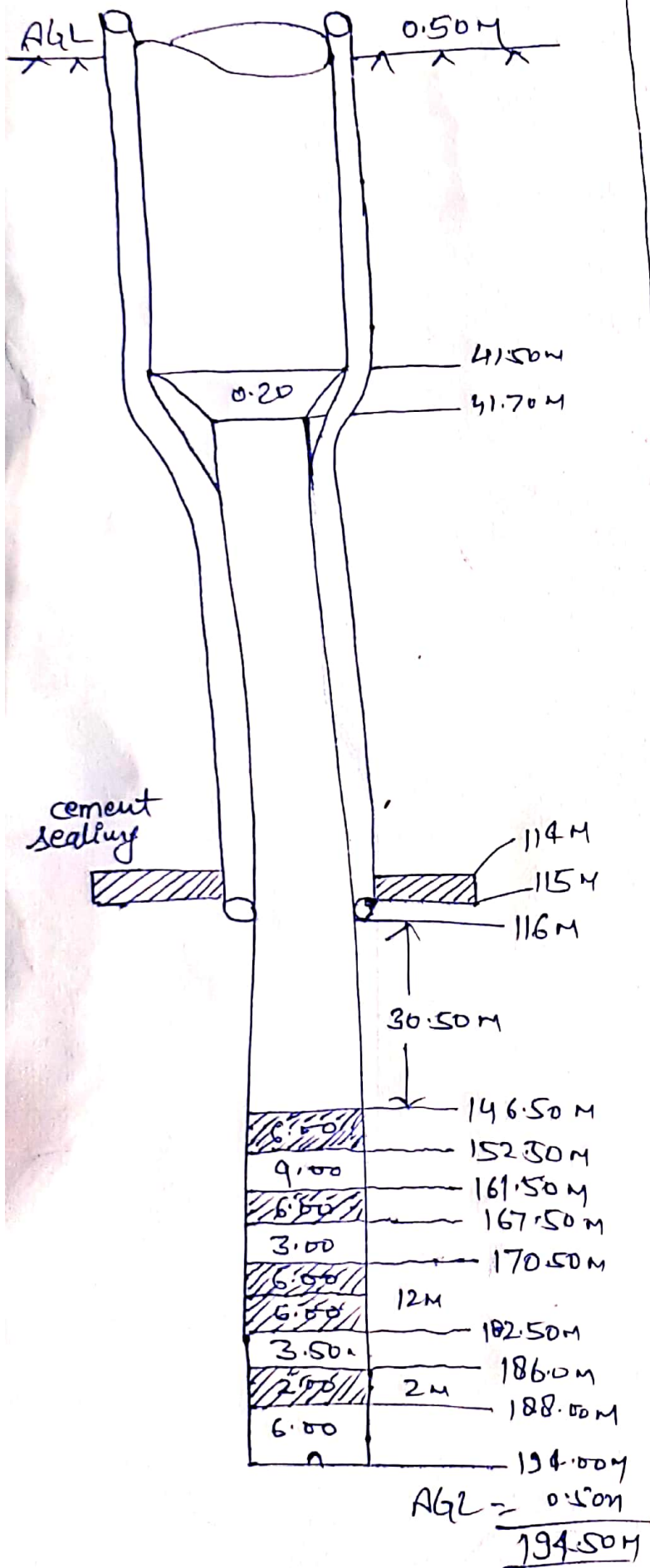


Proposed T.W. Assy. chart of Kalyanpur w/s scheme Bahraich under JTM (Block - Nawabganj)



Bore Size - 600mm x 450mm
 T.W. Assy - 300mm x 150mm
 Discharge - 750 LPM / 41m / 15MP

Logging Report (01/12/22)

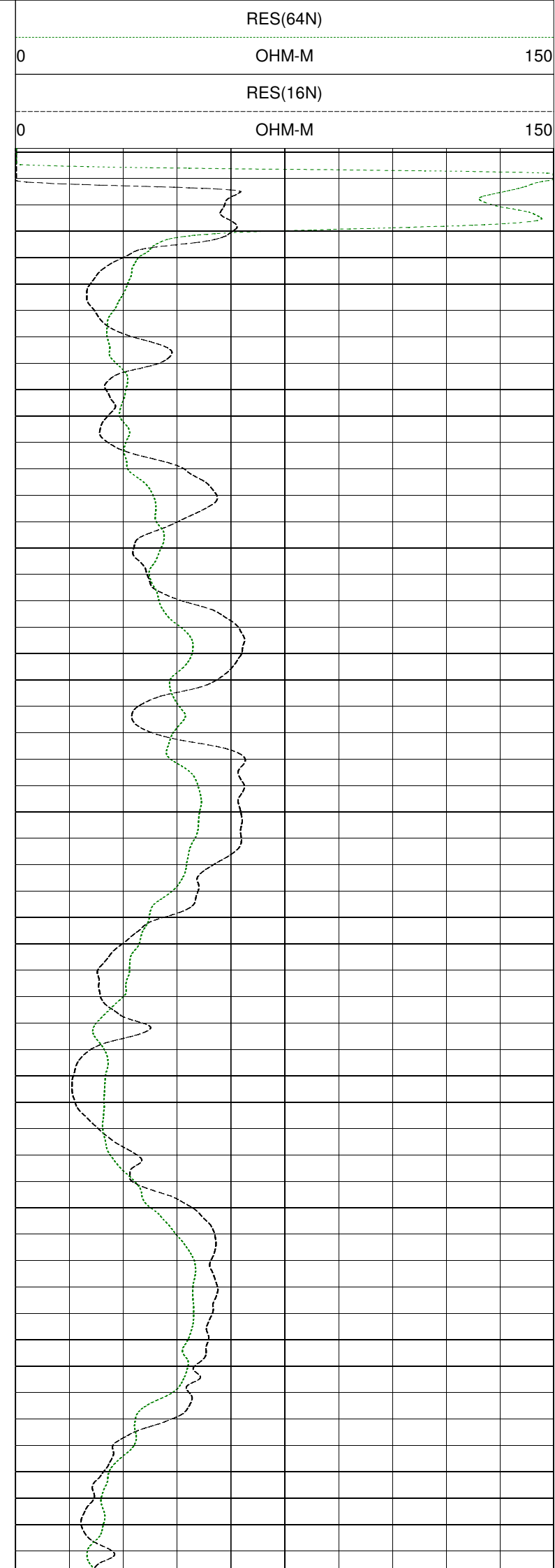
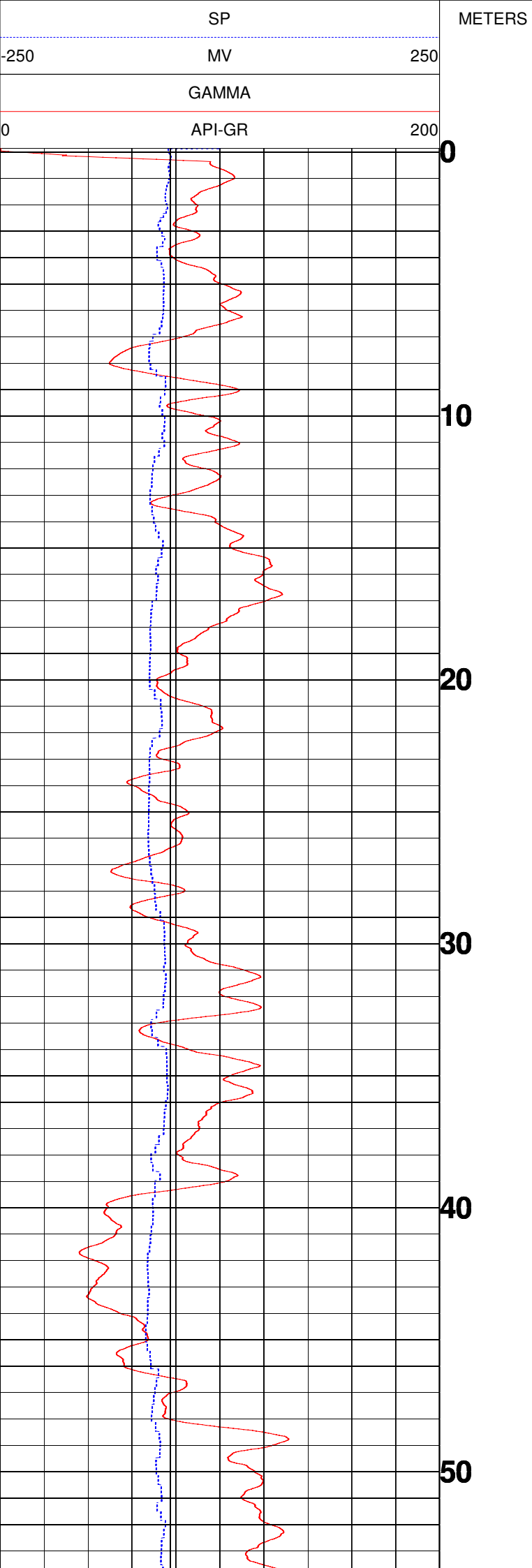
- 1-0-7m - 7m - surface clay
- 2-7-13.5m - 6.5m
- 3-13.5-18m - 4.5m - clay with sand
- 4-18-22.5m - 4.5m
- 5-22.5-29m - 6.5m
- 6-29-32.5m - 3.5m - clay with sand
- 7-32.5-34m - 1.5m
- 8-34-39.5m - 5.5m - clay with sand
- 9-39.5-46m - 6.5m
- 10-46-67m - 19m - clay
- 11-67-87m - 20m
- 12-87-97.5m - 10.5m - clay
- 13-97.5-102.5m - 5m
- 14-102.5-109m - 6.5m
- 15-109-117m - 8m - clay
- 16-117-121.5m - 4.5m
- 17-121.5-126m - 4.5m - clay
- 18-126-129m - 3m
- 19-129-135.5m - 6.5m
- 20-135.5-144.5m - 9m
- 21-144.5-153m - 8.5m - ⑥
- 22-153-160.5m - 7.5m - clay
- 23-160.5-168m - 7.5m - ⑥
- 24-168-171m - 3m - clay
- 25-171-174m - 3m
- 26-174-178.5m - 4.5m
- 27-178.5-181m - 2.5m
- 28-181-183m - 2m
- 29-183-185.5m - 2.5m - clay with sand
- 30-185.5-188.5m - 3m - ②
- 31-188.5-190.5m - 2m - clay
- 32-190.5-193.5m - 3m - ②
- 33-193.5-200m - 6.5m - clay
- 34-200-209.5m - 9.5m
- 35-209.5-217.5m - 8m - clay
- 36-217.5-220m - 2.5m

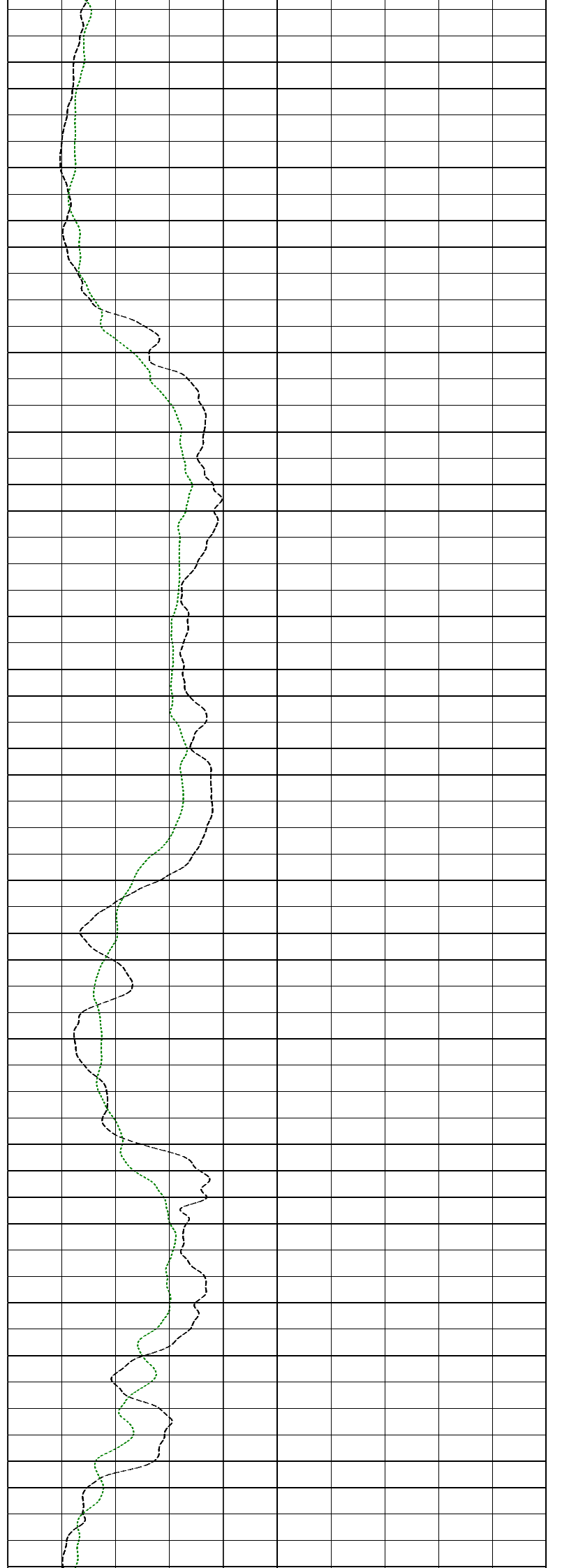
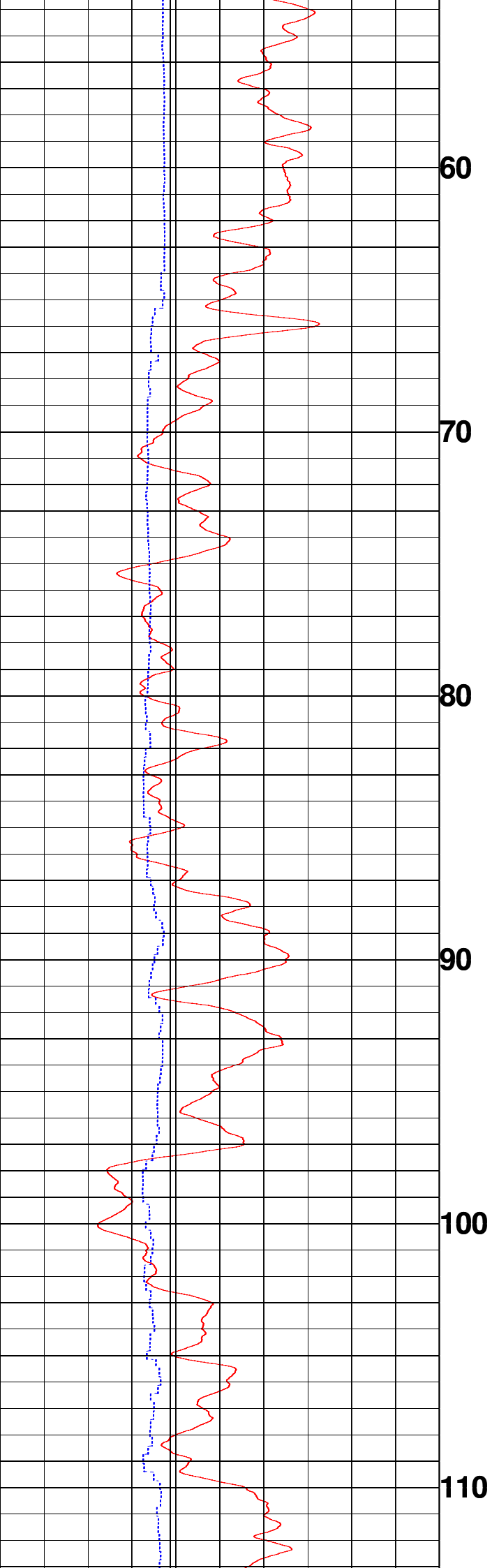


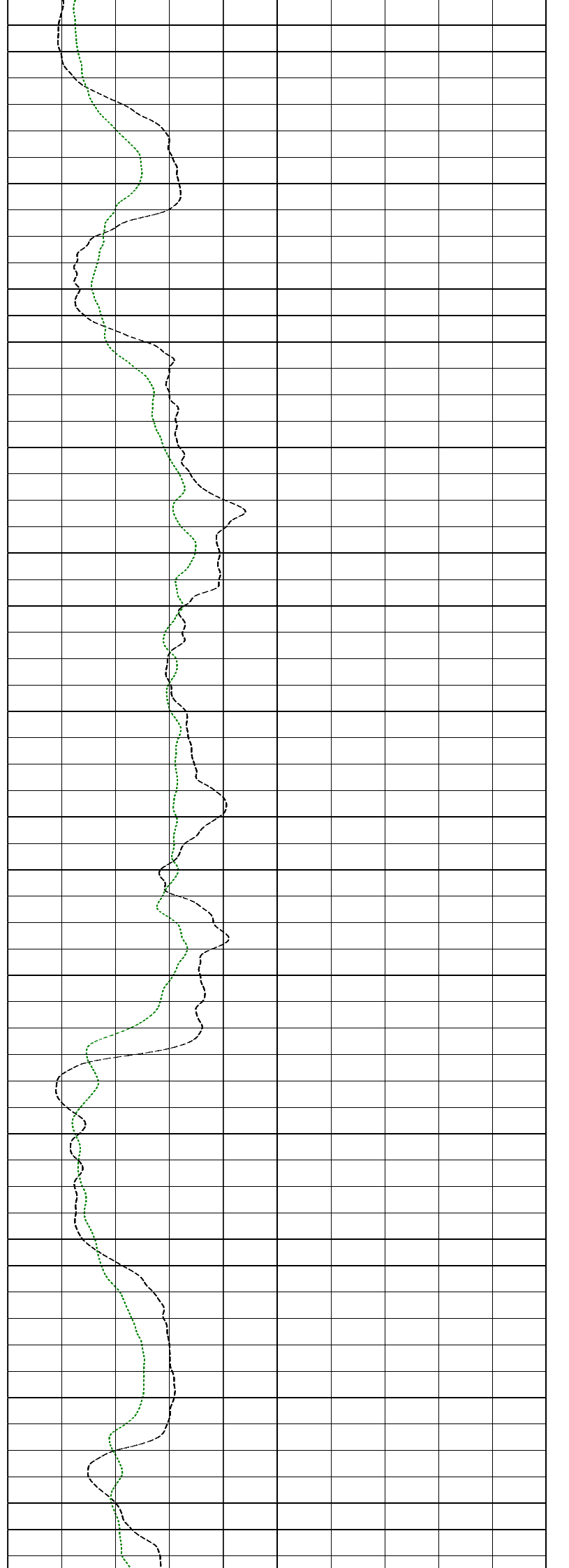
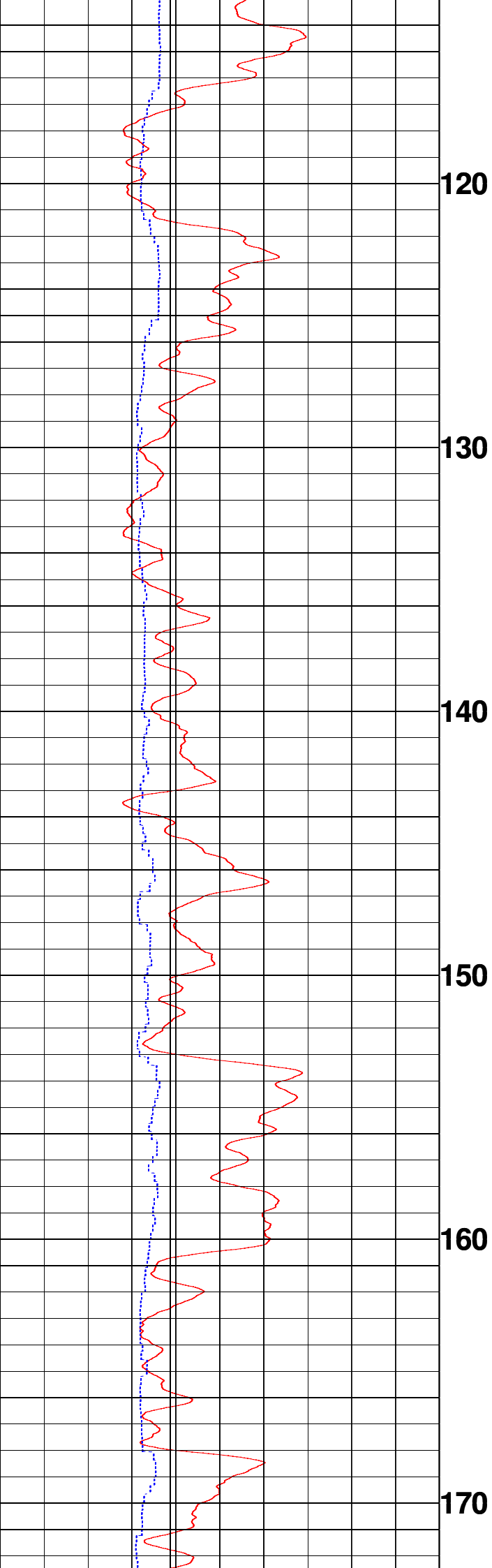
MAPL

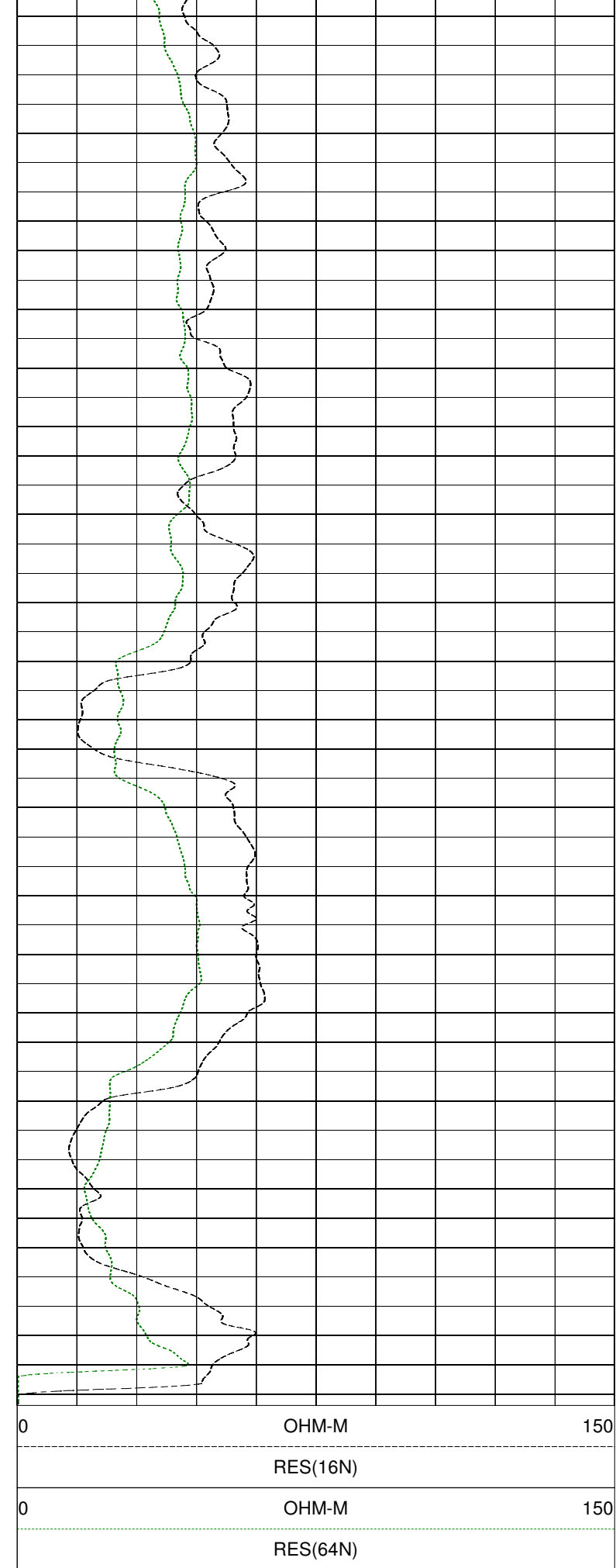
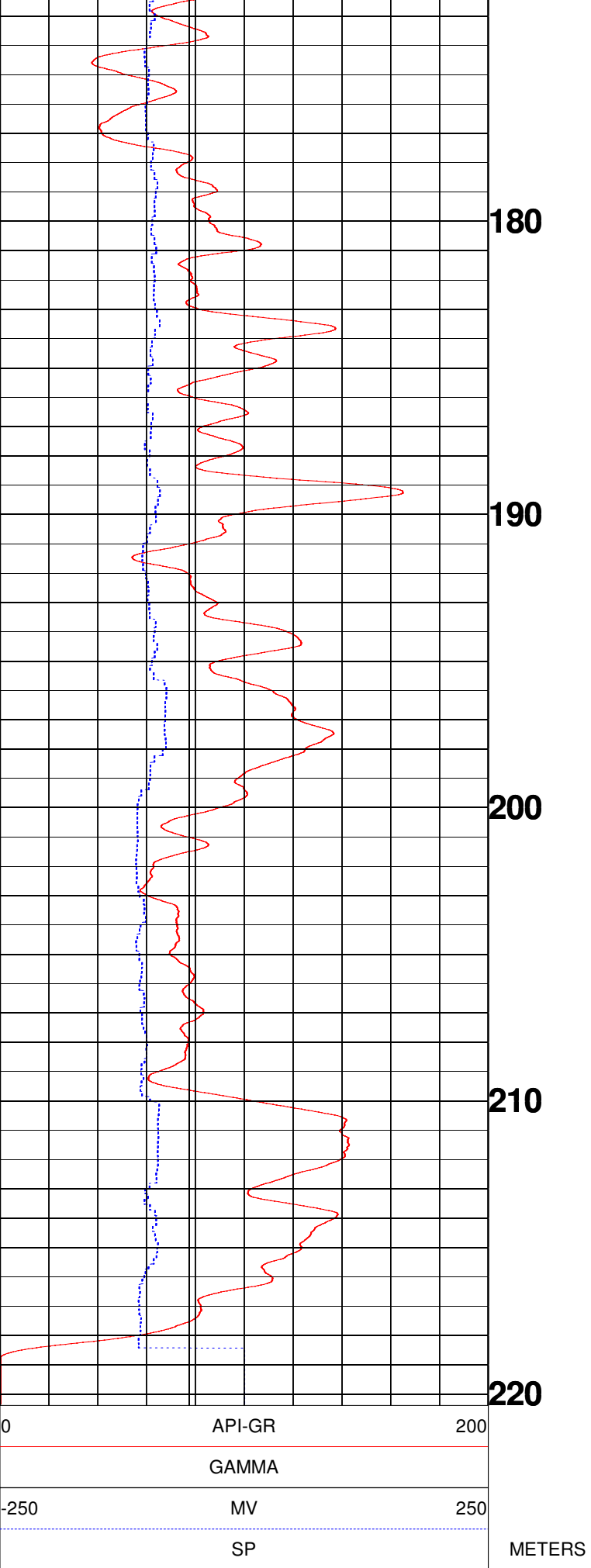
KALYANPUR,NAWABGANJ

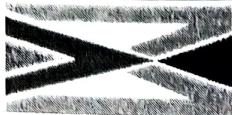
COMPANY : SHIV DRILLER		OTHER SERVICES:
WELL : KALYANPUR,NAWABGANJ		DEPTH
FIELD : NAWABGANJ		SCALE
COUNTY : INDIA		1:200
STATE : UP		
LOCATION :		
SECTION :		
TOWNSHIP :		
RANGE :		
API NO. :		
UNIQUE WELL ID. :		
PERMANENT DATUM : MSL	ELEVATION KB :	
LOG MEASURED FROM: GL	ELEVATION DF :	
DRL MEASURED FROM: GL	ELEVATION GL :	
DATE : 01/08/22	RIG NUMBER :	
DEPTH DRILLER : 220	LOGGER TD :	
BIT SIZE : 10	ARRIVAL TIME :	
LOG TOP : -0.14	DEPARTURE TIME:	
LOG BOTTOM : 220.35	CIRC STOPPED :	
CASING OD :		
CASING BOTTOM : 0		
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		
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS		











GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KALYANPUR	DATE OF LOGGING:	08.01.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.35M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

AQUIFER:-

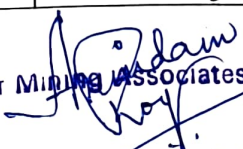
The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

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	7	7	Top Soil	
2	7	13.5	6.5	Fine to medium grained sand	Good
3	13.5	18	4.5	Clay with sand	
4	18	22.5	4.5	Fine to medium grained sand	medium
5	22.5	29	6.5	Medium grained Sand	Good
6	29	32.5	3.5	Clay with sand	
7	32.5	34	1.5	Fine to medium grained sand	medium
8	34	39.5	5.5	Clay with sand	
9	39.5	48	8.5	Coarse grained sand	Good
10	48	67	19	Clay	
11	67	87	20	Medium to Fine grained Sand	Good
12	87	97.5	10.5	Clay	
13	97.5	102.5	5	Coarse grained sand	Good
14	102.5	109	6.5	Fine grained Sand	medium
15	109	117	8	Clay	
16	117	121.5	4.5	Coarse grained sand	Good
17	121.5	126	4.5	Clay	
18	126	129	3	Medium to Fine grained Sand	Good
19	129	135.5	6.5	Coarse grained sand	V.Good
20	135.5	144.5	9	Medium to Fine grained Sand	Good
21	144.5	153	8.5	Fine grained sand	medium
22	153	160.5	7.5	Clay	
23	160.5	168	7.5	Medium to Fine grained Sand	Good
24	168	171	3	Clay	
25	171	174	3	medium grained sand	Good
26	174	178.5	4.5	Coarse grained sand	V.Good
27	178.5	181	2.5	Fine grained sand	medium
28	181	183	2	medium grained sand	Good
29	183	185.5	2.5	Clay with Sand	
30	185.5	188.5	3	Fine grained sand	medium
31	188.5	190.5	2	Clay	
32	190.5	193.5	3	Coarse to medium gained Sand	Good
33	193.5	200	6.5	Clay	
34	200	209.5	9.5	medium grained sand	Good
35	209.5	217.5	8	Clay	
36	217.5	220	2.5	medium grained sand	Good

For Mining Associates Pvt. Ltd

 Geophysicist