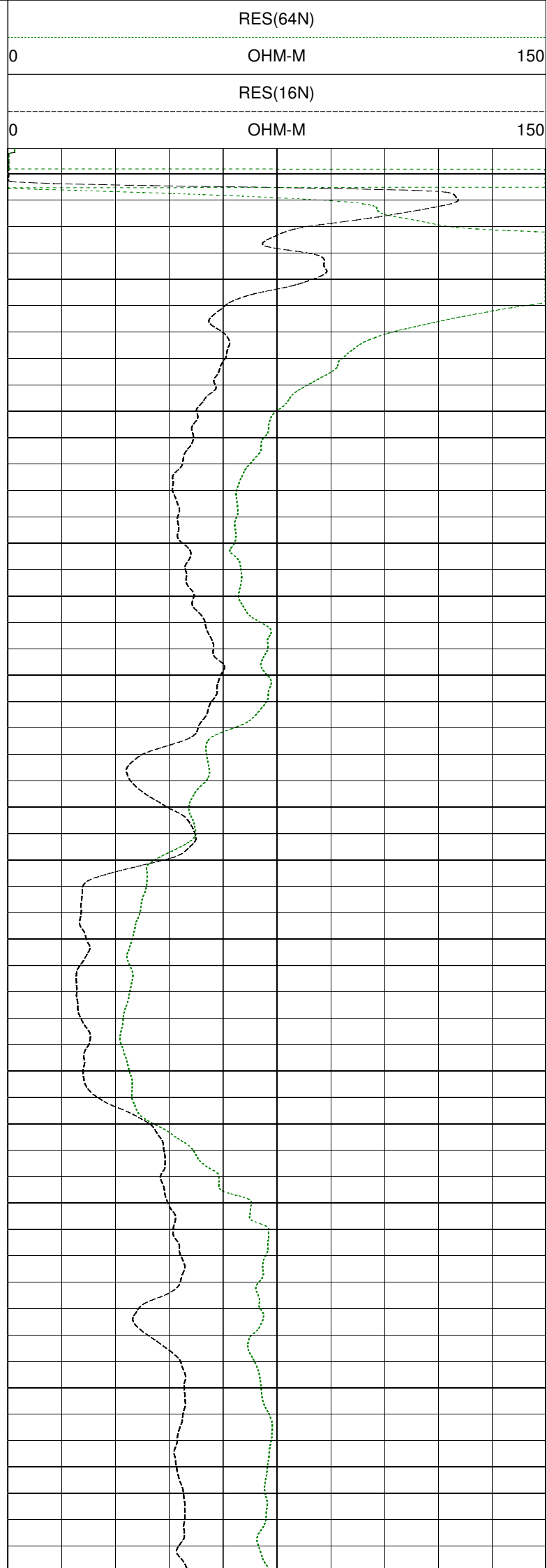
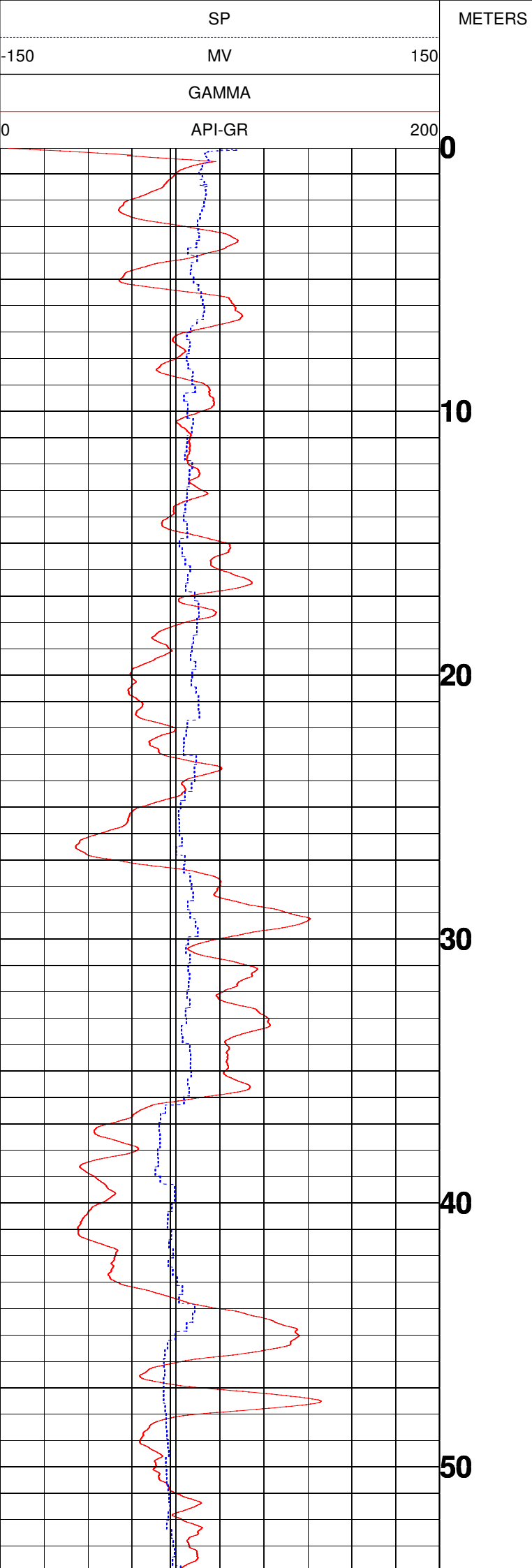


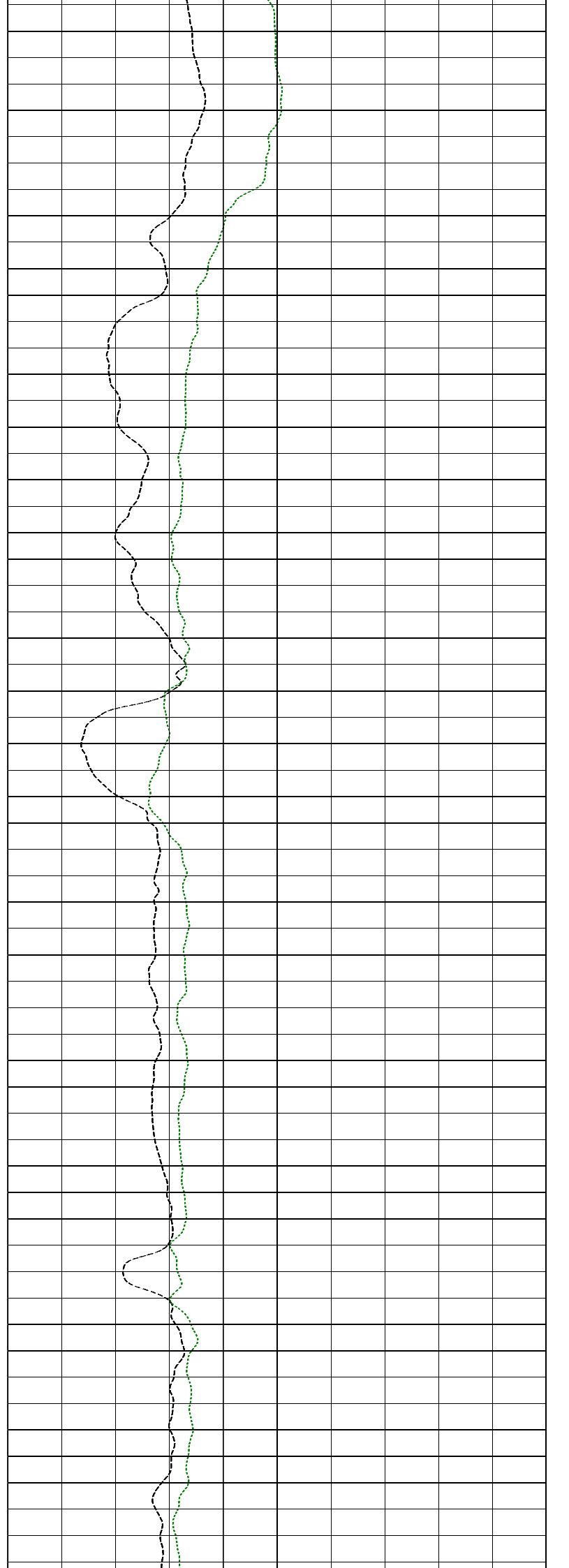
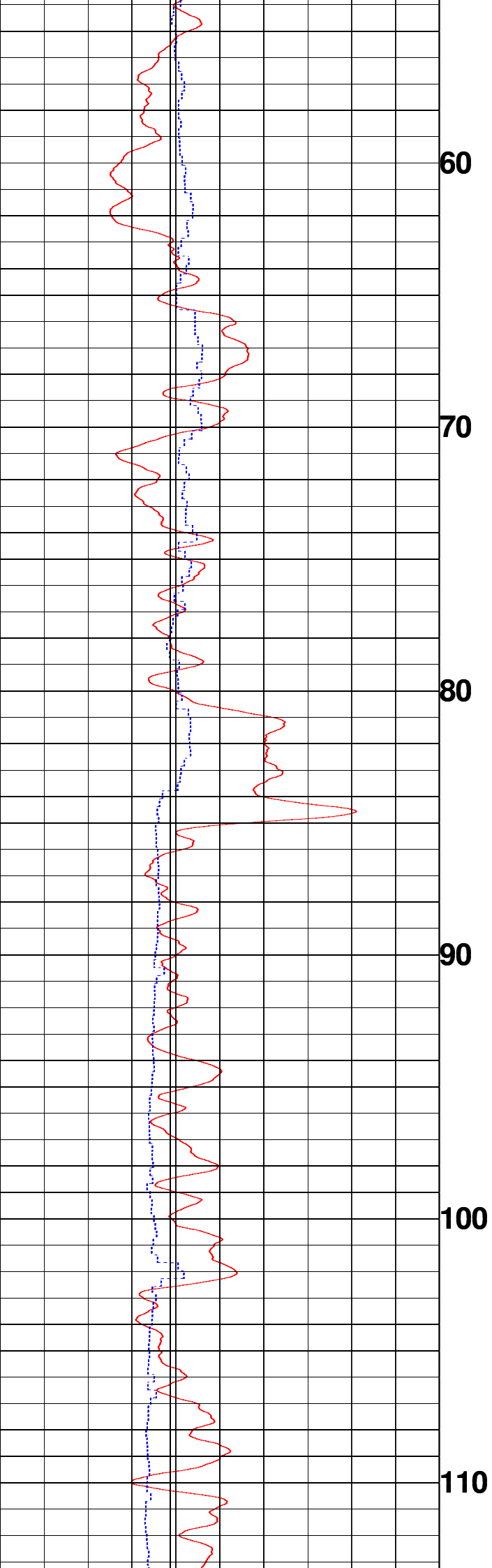


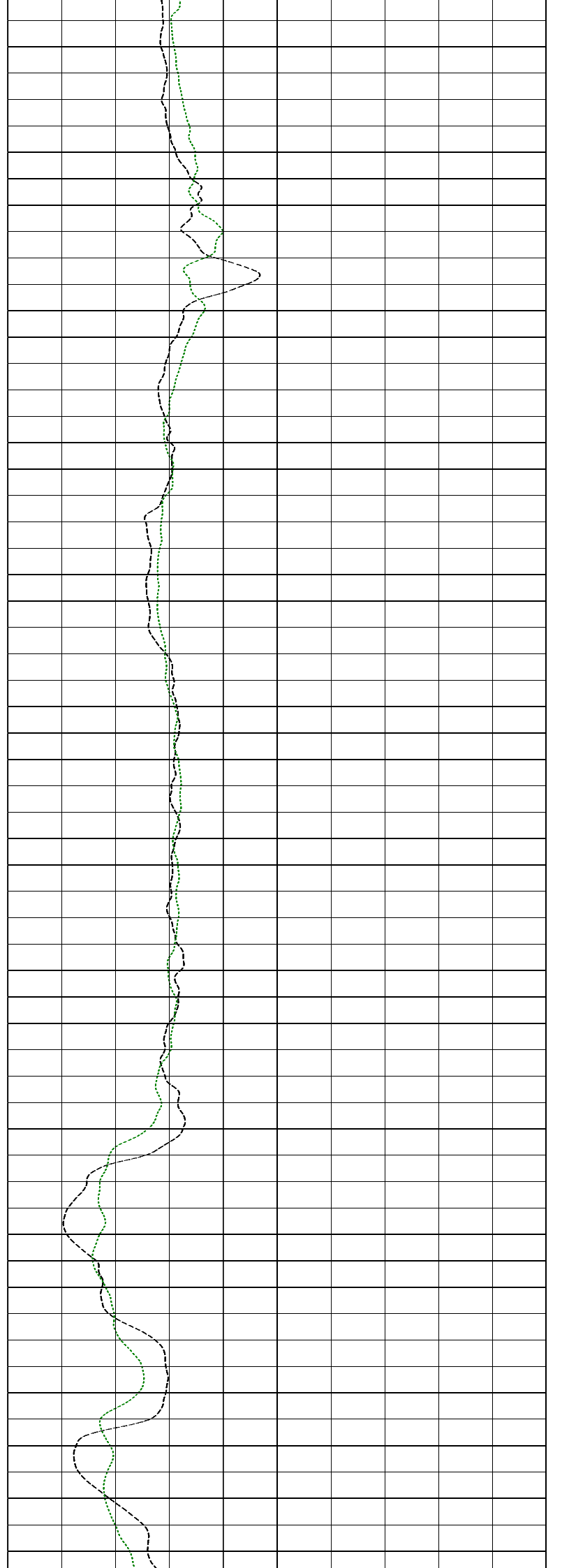
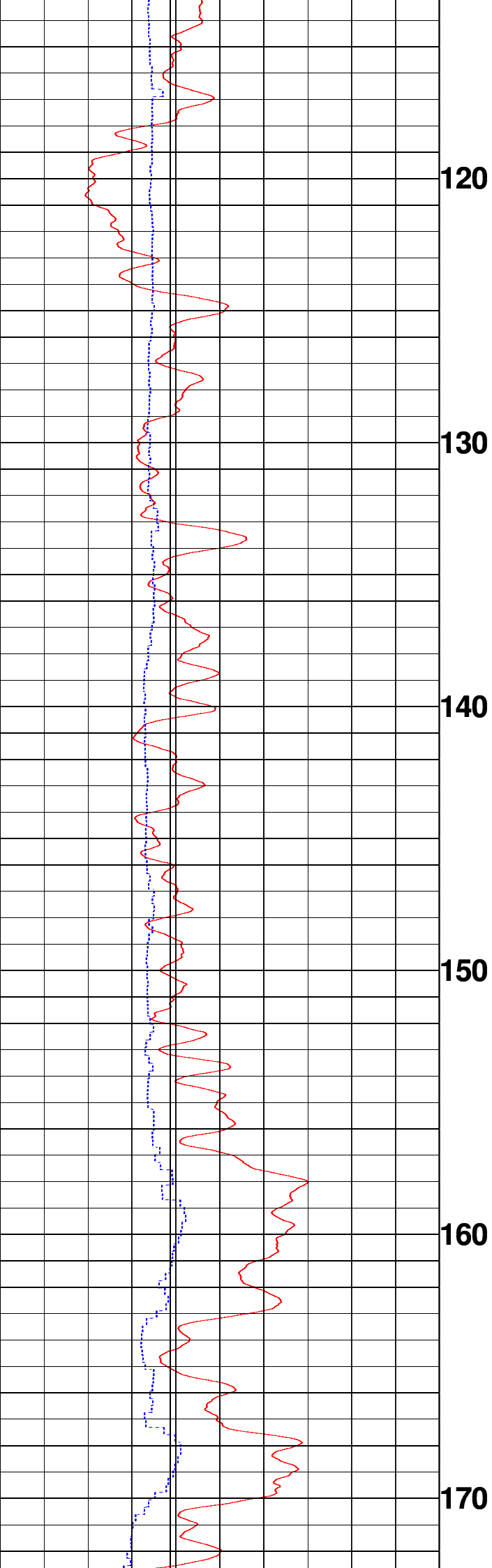
MAPL

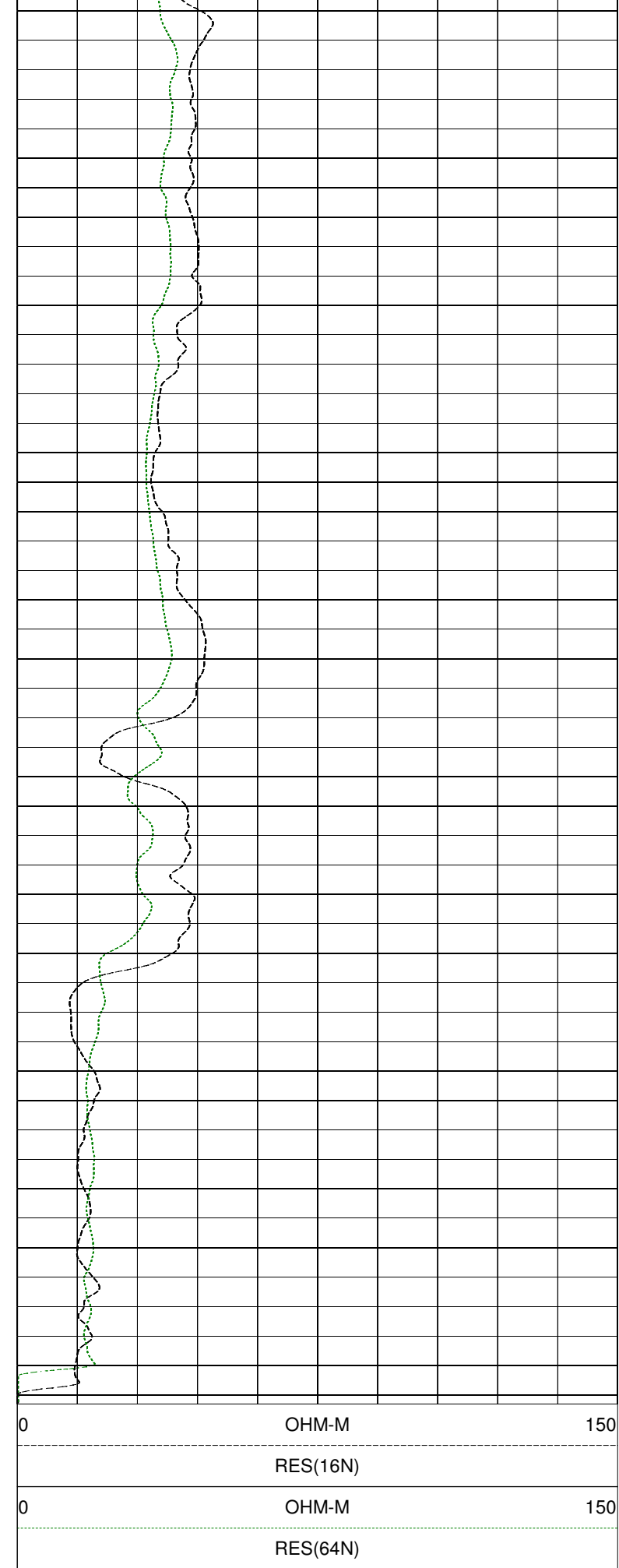
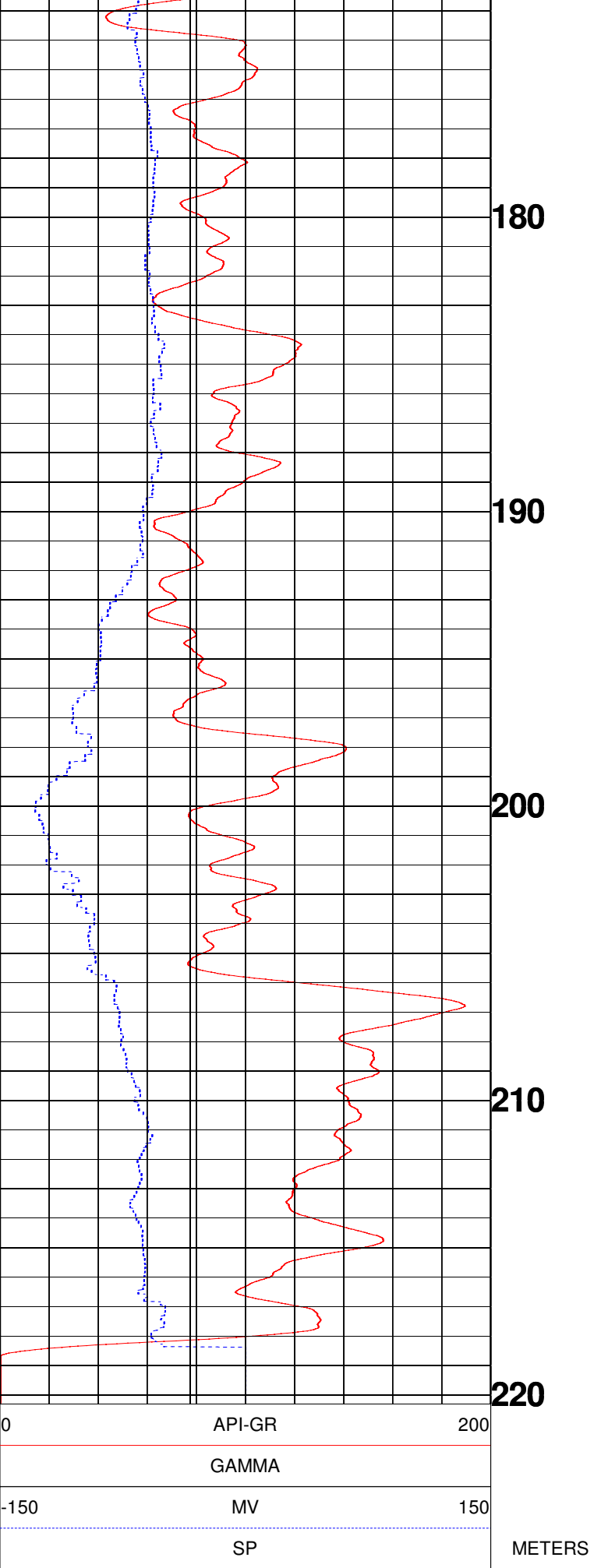
KALWARI,NAWABGANJ

COMPANY : SHIV DRILLER		OTHER SERVICES:
WELL : KALWARI,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 : 01/14/22	RIG NUMBER :	
DEPTH DRILLER : 220	LOGGER TD :	
BIT SIZE : 10	ARRIVAL TIME :	
LOG TOP : 0.04	DEPARTURE TIME:	
LOG BOTTOM : 220.27	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		











MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KALWARI	DATE OF LOGGING:	14.01.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.27M
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	10	10	Top Soil	
2	10	23	13	Medium to fine graind sand	Good
3	23	25	2	Clay	
5	25	27.5	2.5	Cores graind sand	Good
6	27.5	36	8.5	Clay	
7	36	43.5	7.5	Cores graind sand	Good
8	43.5	48	4.5	Clay with sand	
9	48	55.5	7.5	Fine to medium graind sand	Medium
10	55.5	64	8.5	Corse graind sand	Good
11	64	70	6	Clay	
12	70	74	4	Corse graind sand	Good
13	74	80	6	Fine graind sand	Medium
14	80	85	5	Clay	
15	85	100	15	Medium to fine graind sand	Good
16	100	102.5	2.5	Clay	
17	102.5	118	15.5	Fine to medium graind sand	Medium
18	118	124.5	6.5	Corse graind sand	Good
19	124.5	156.5	32	Medium to fine graind sand	Good
20	156.5	163	6.5	Clay	
21	163	167	4	Fine graind sand	Medium
22	167	170.5	3.5	Clay	
23	170.5	183.5	13	Medium to fine graind sand	Good
24	183.5	190	6.5	Fine graind sand	Medium
25	190	197	7	Medium to fine graind sand	Good
26	197	200	3	Clay	
27	200	205.5	5.5	Fine graind sand	Medium
28	205.5	220	14.5	Clay with sand	

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist