

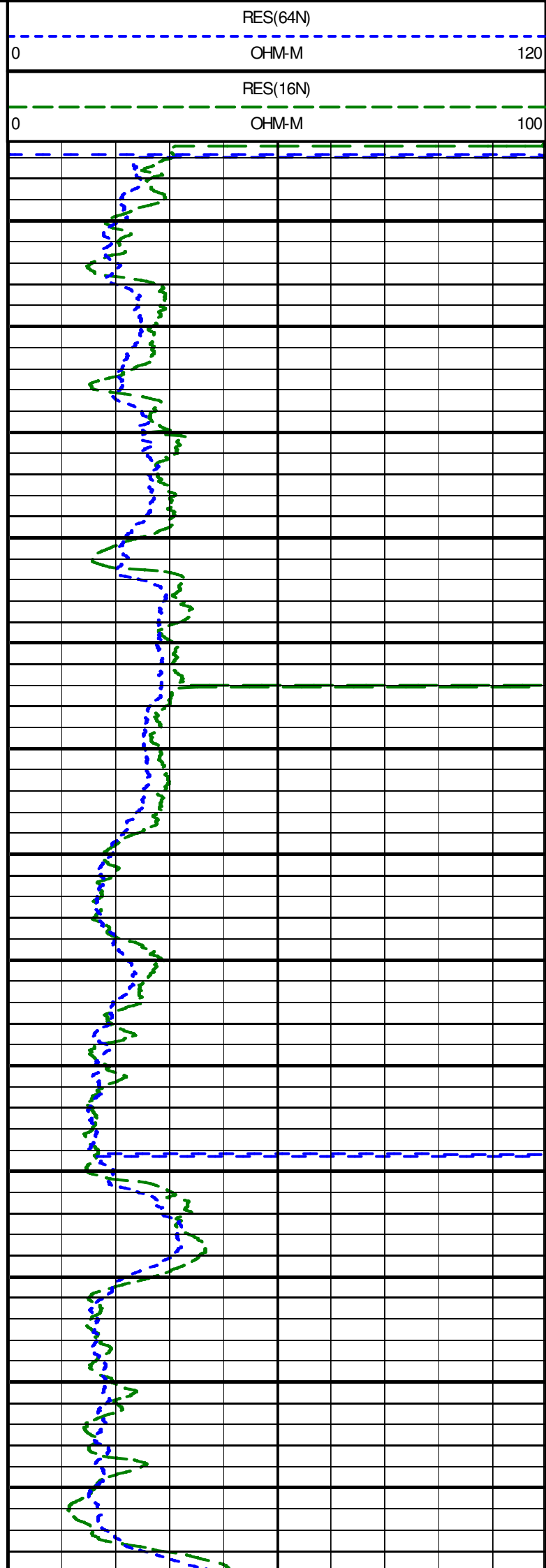
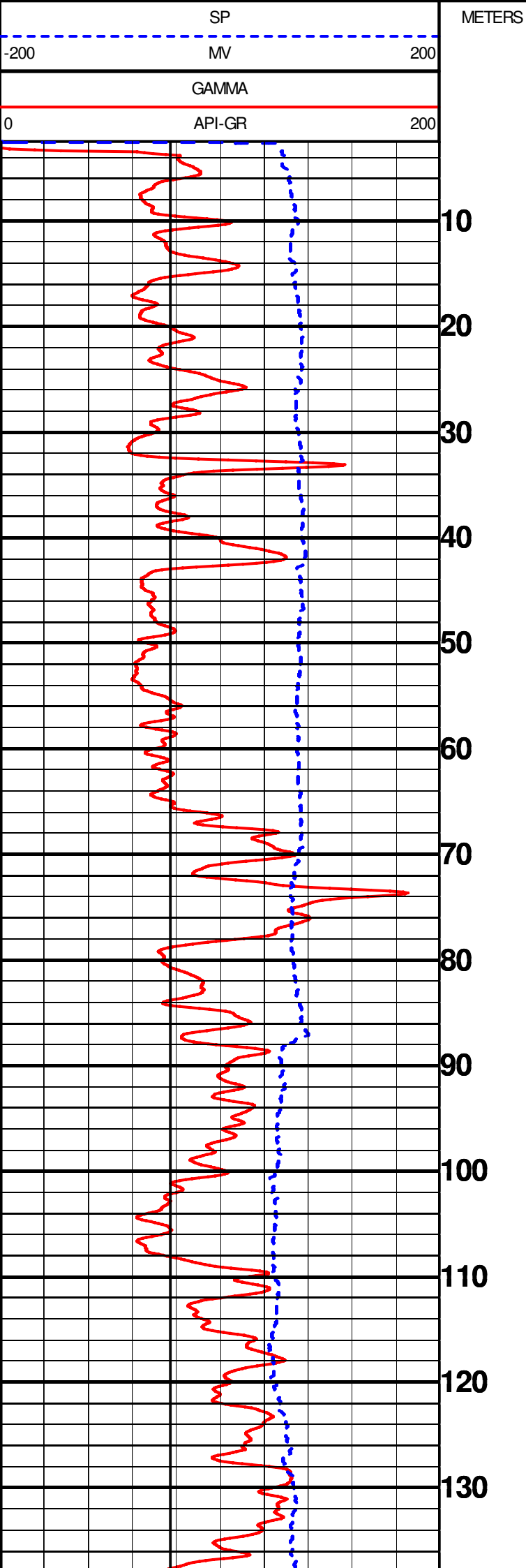


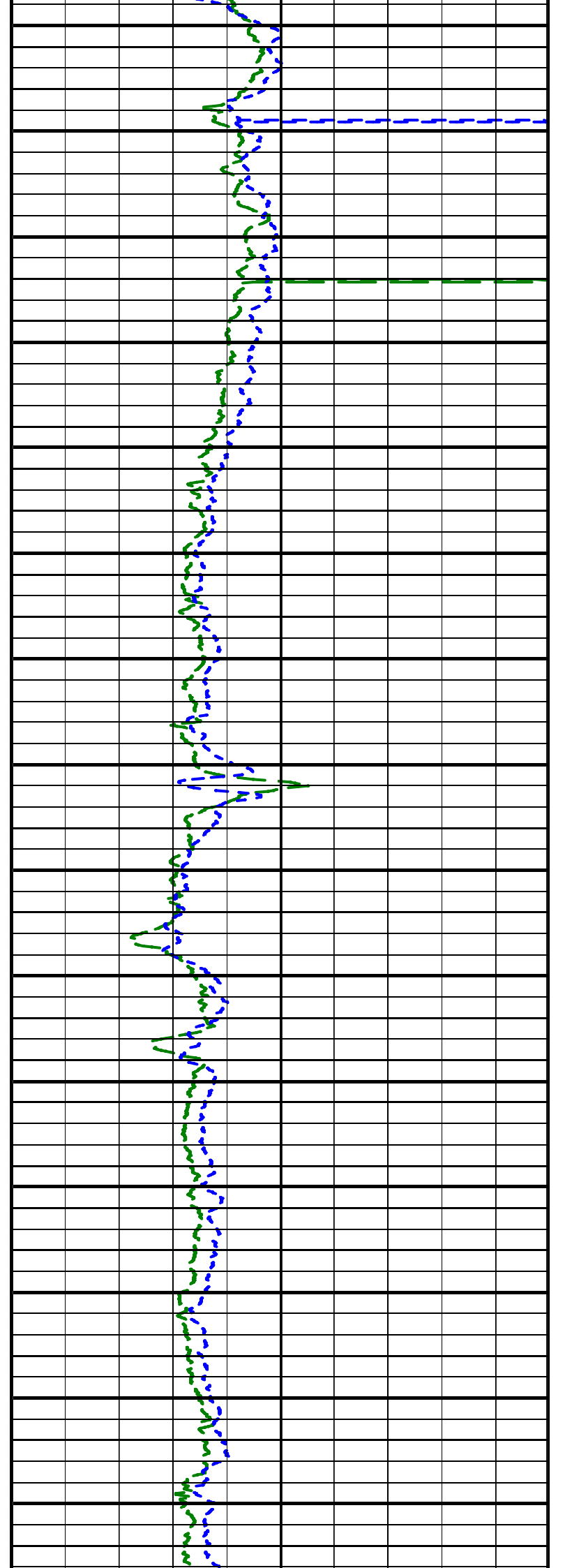
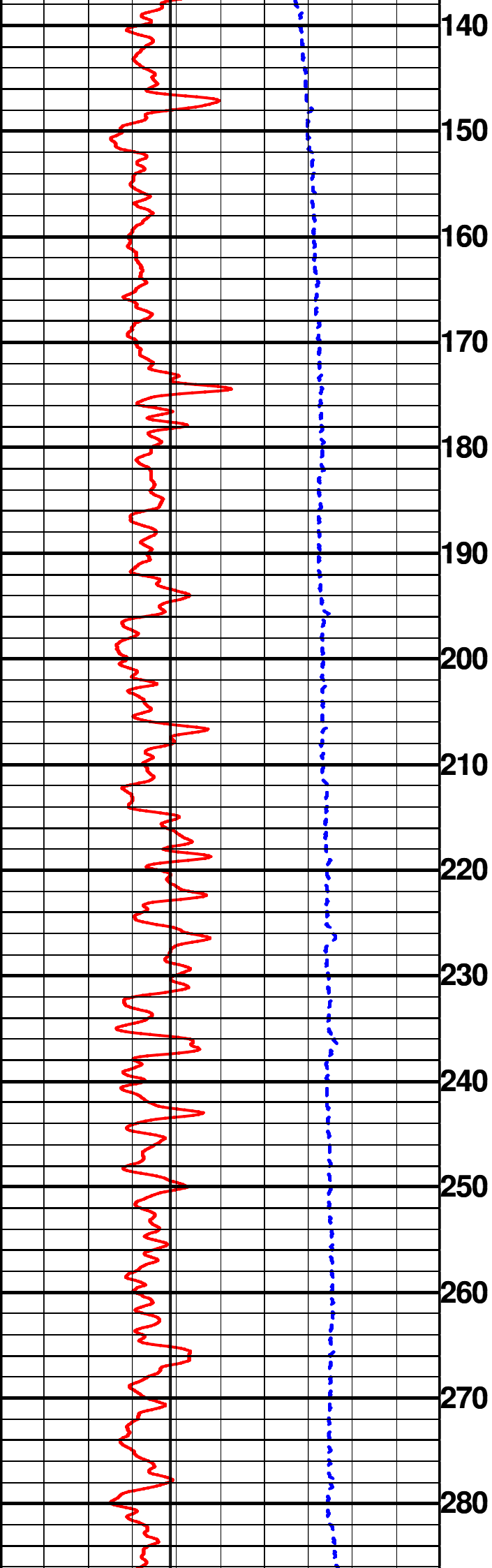
MAPL

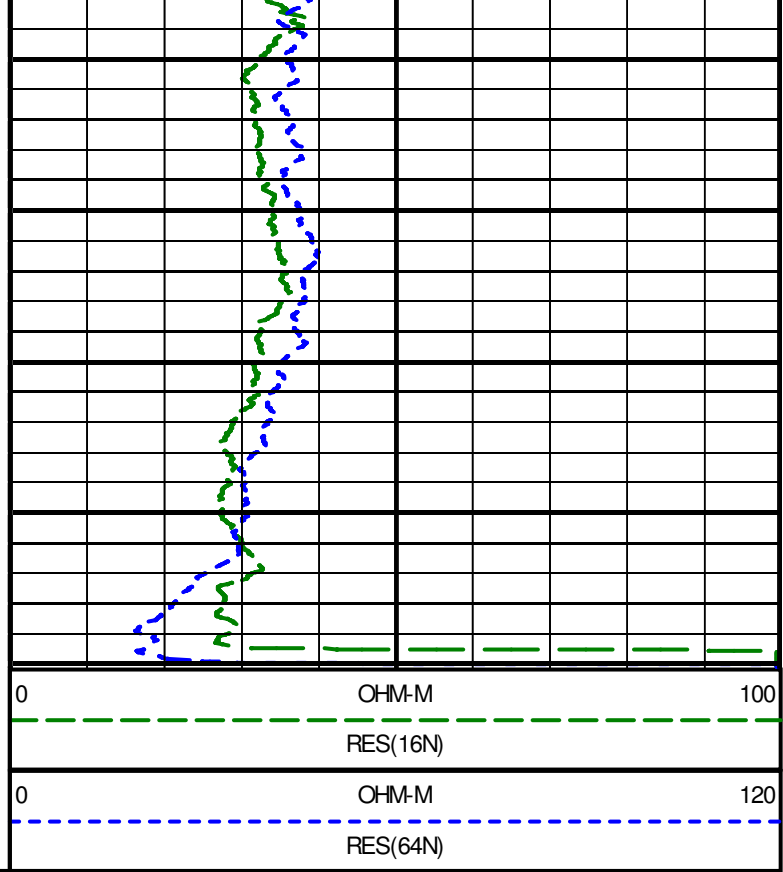
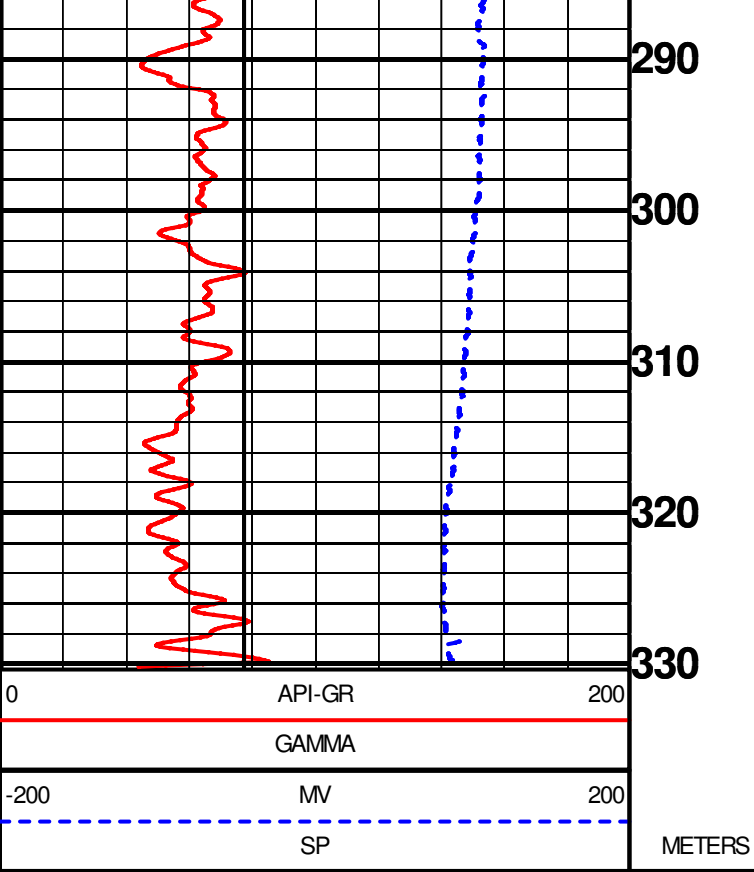
SURJANA KALAN-1

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : SURJANA KALAN-1		
FIELD : HUZOORPUR		
COUNTY :		
STATE :		
LOCATION :		
SECTION :		
TOWNSHIP :		
RANGE :		
API NO. :		
UNIQUE WELL ID. :		
PERMANENT DATUM :	ELEVATION KB :	
LOG MEASURED FROM:	ELEVATION DF :	
DRL MEASURED FROM:	ELEVATION GL :	
DATE : 30 Sep 2	RIG NUMBER :	
DEPTH DRILLER :	LOGGER TD :	
BIT SIZE :	ARRIVAL TIME :	
LOG TOP : 2.48	DEPARTURE TIME:	
LOG BOTTOM : 330.26	CIRC STOPPED :	
CASING OD :		
CASING BOTTOM :		
CASING TYPE :		
BOREHOLE FLUID :		
RM TEMPERATURE :		
MUD RES :		
MUD WEIGHT :		
WITNESSED BY :		
RECORDED BY :		
REMARKS 1 :		
REMARKS 2 :		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS









MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SURJANA KALAN	DATE OF LOGGING:	30.09.2022
BLOCK:	HUZOORPUR	DRILLING DEPTH:	330.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.26M
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	6	6	Top Soil	
2	6	24	18	Medium to Fine grained Sand	Good
3	24	27	3	Clay	
4	27	28.5	1.5	Fine grained Sand	Medium
5	28.5	32.5	4	Medium grained Sand	Good
6	32.5	39.5	7	Medium to Fine grained Sand	Good
7	39.5	43	3.5	Clay	
8	43	55.5	12.5	Coares grain sand	Good
9	55.5	65.5	10	Medium grained Sand	Good
10	65.5	67.5	2	Fine grained Sand	Medium
11	67.5	72.5	5	Clay with sand	
12	72.5	79	6.5	Clay	
13	79	84.5	5.5	Fine grained Sand	Medium
14	84.5	100.5	16	Clay with sand	
15	100.5	102	1.5	Fine grained Sand	Medium
16	102	108.5	6.5	Medium grained Sand	Good
17	108.5	137.5	29	Clay with sand	
18	137.5	146.5	9	Medium grained Sand	Good
19	146.5	148	1.5	Fine grained Sand	Medium
20	148	173	25	Coares grain sand	Good
21	173	195.5	22.5	Medium grained Sand	Good
22	195.5	206.5	11	Coares grain sand	Good
23	206.5	208	1.5	Fine grained Sand	Medium
24	208	214.5	6.5	Coares grain sand	Good
25	214.5	225.5	11	Medium to Fine grained Sand	Good
26	225.5	227.5	2	Clay	
27	227.5	231.5	4	Fine grained Sand	Medium
28	231.5	236	4.5	Medium grained Sand	Good
29	236	237.5	1.5	Clay	
30	237.5	267.5	30	Medium grained Sand	Good
31	267.5	303.5	36	Coares to medium grain sand	Good
32	303.5	310	6.5	Medium grained Sand	Good
33	310	325.5	15.5	Coares grain sand	Good
34	325	330	5	Medium grained Sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

