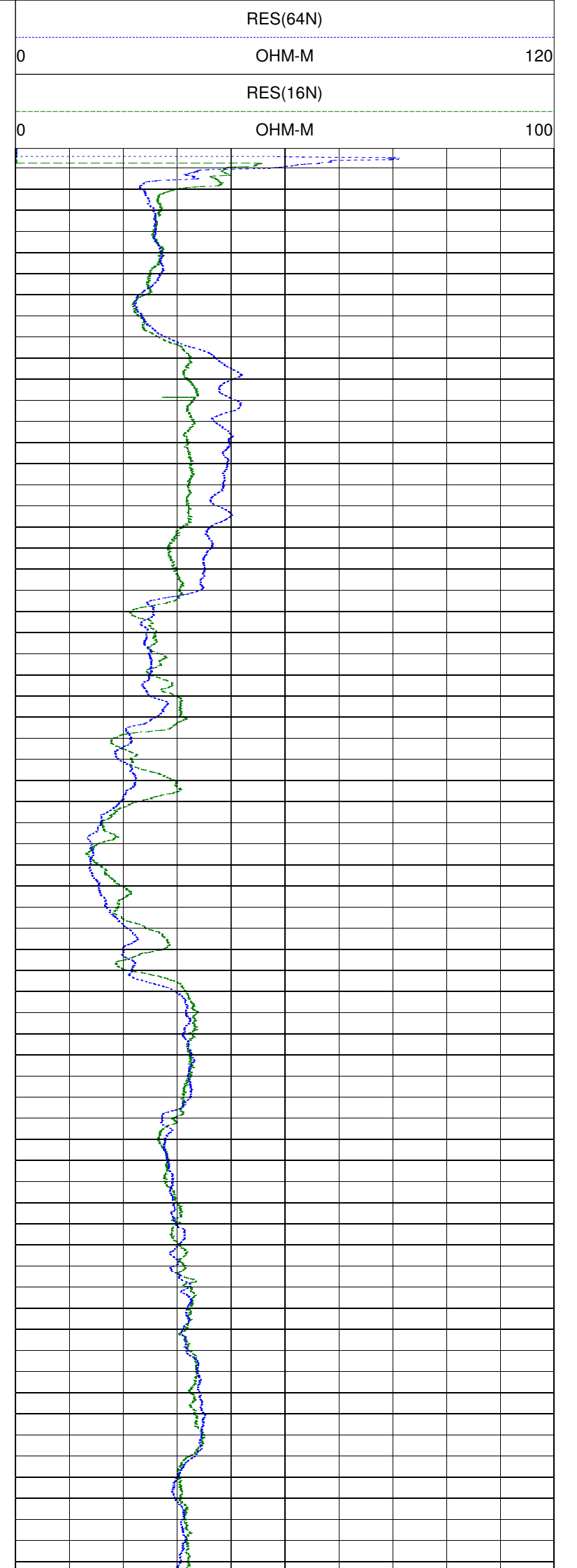
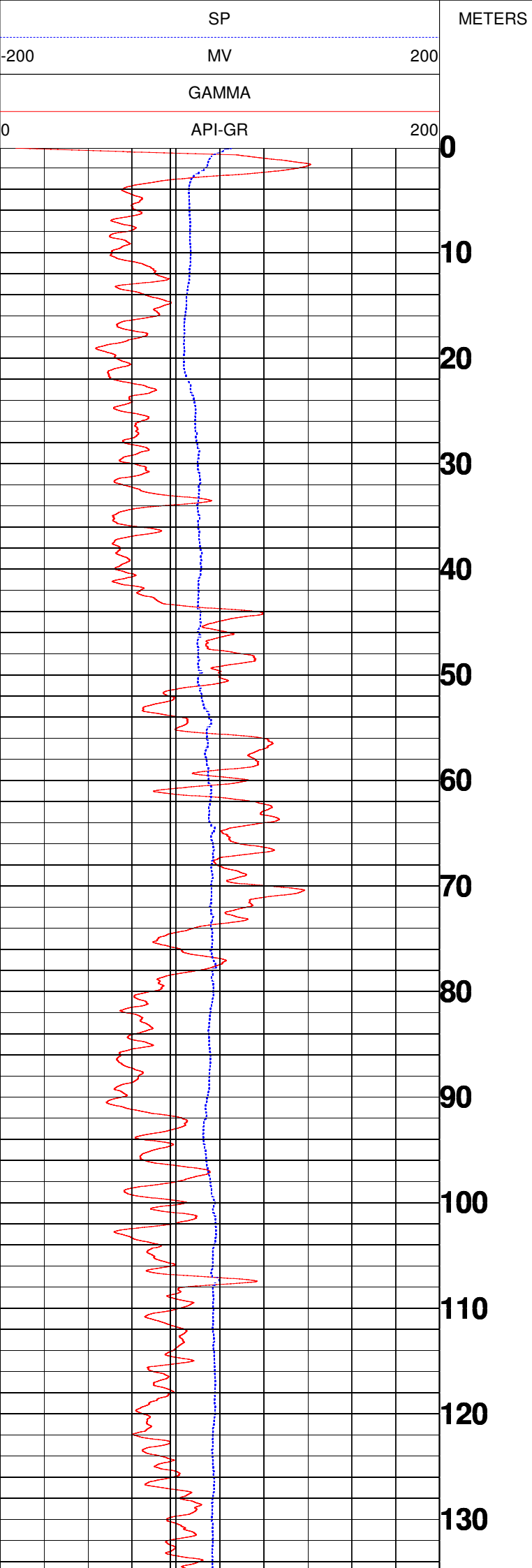


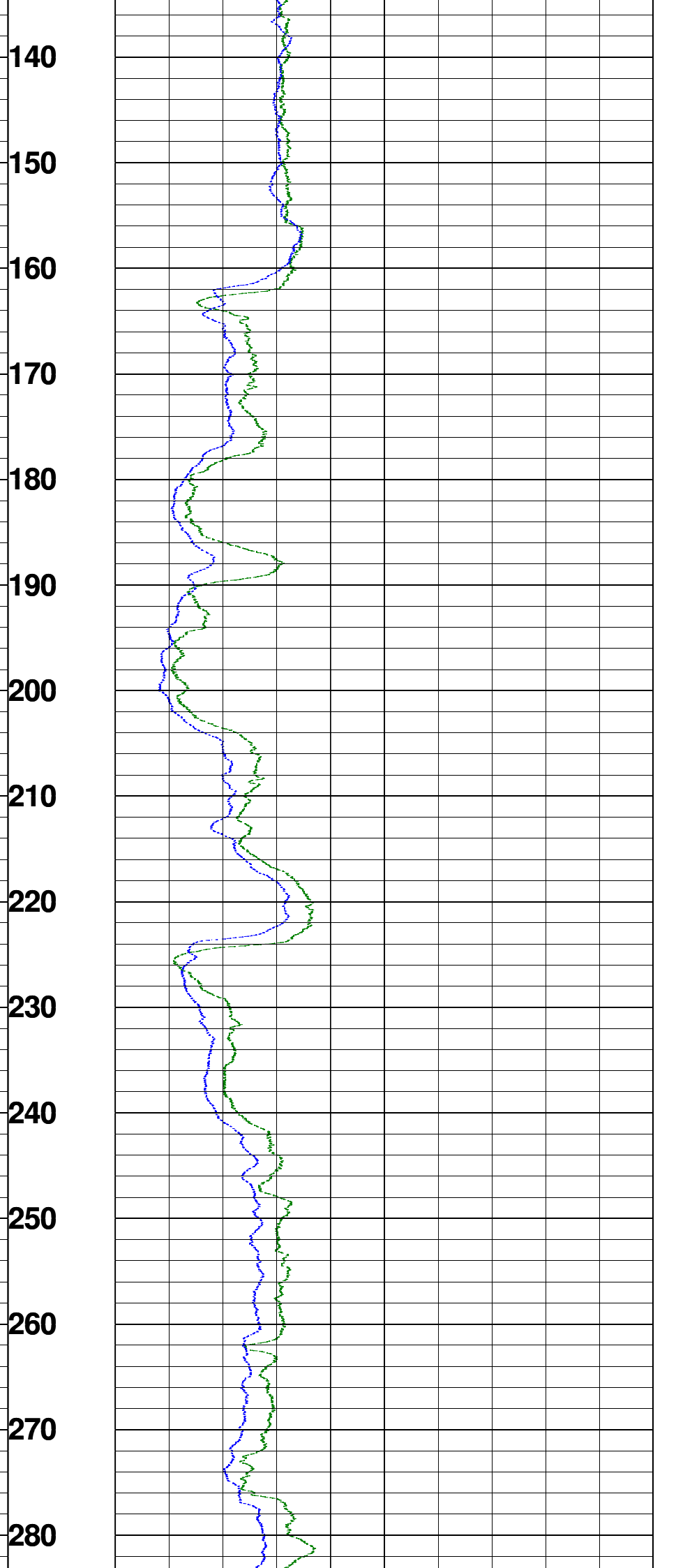
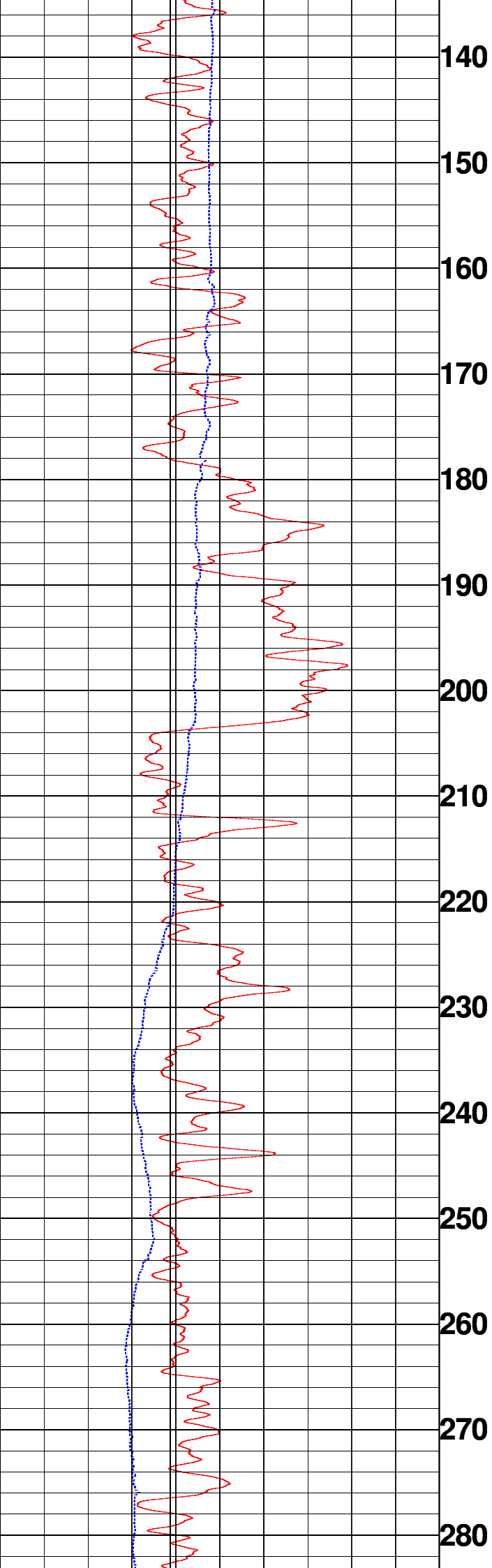


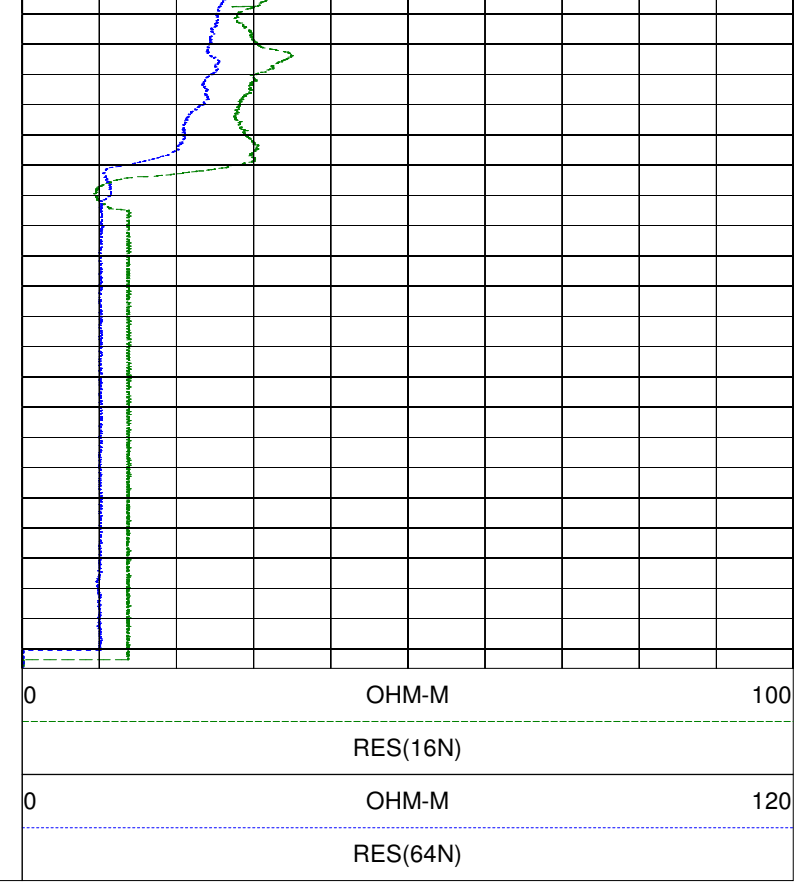
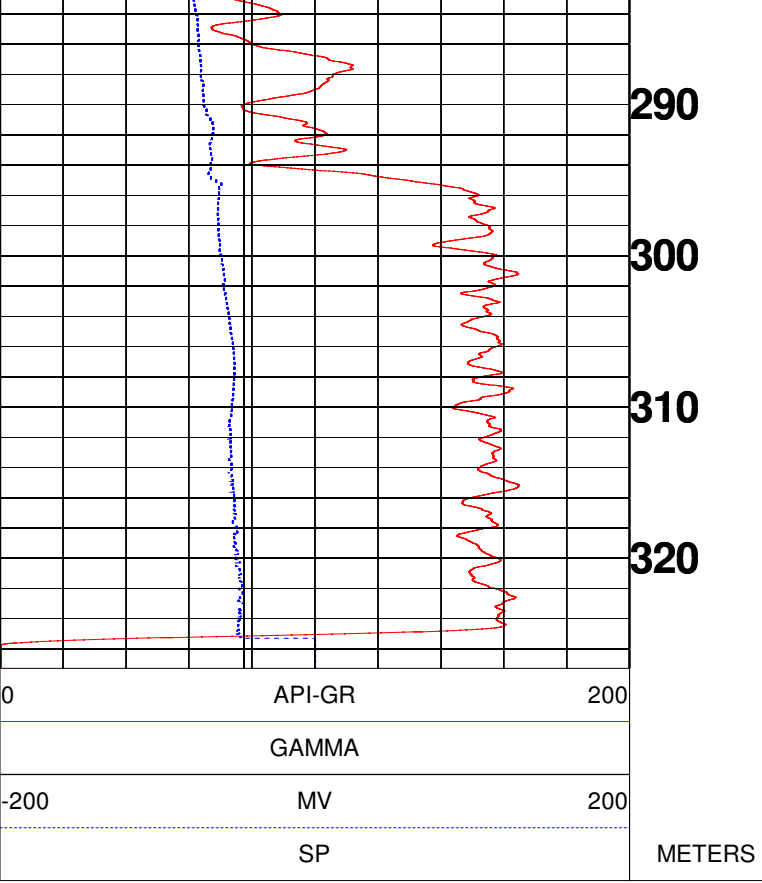
MAPL

JHUKIYA, JARWAL

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : JHUKIYA, JARWAL		DEPTH
FIELD : JARWAL		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 : 05/13/22	RIG NUMBER :	
DEPTH DRILLER : 330	LOGGER TD :	
BIT SIZE : 12	ARRIVAL TIME :	
LOG TOP : 0.14	DEPARTURE TIME:	
LOG BOTTOM : 327.24	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:	JHUKIYA	DATE OF LOGGING:	13.05.2022
BLOCK:	JARWAL	DRILLING DEPTH:	330.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	327.24M
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	3	3	Top Soil	
2	3	37	34	Medium grain sand	Good
3	37	43.5	6.5	Coares grain sand	Good
4	43.5	51	7.5	Clay with sand	
5	51	55	4	Medium to fine grain sand	Good
6	55	59	4	Clay	
7	59	62	3	Fine grain sand	Medium
8	62	74	12	Clay with sand	
9	74	78.5	4.5	Medium to fine grain sand	Good
10	78.5	91.5	13	Coares grain sand	Good
11	91.5	115.5	24	Medium to fine grain sand	Good
12	115.5	127	11.5	Medium grain sand	Good
13	127	136.5	9.5	Fine grain sand	Medium
14	136.5	145	8.5	Medium to fine grain sand	Good
15	145	153.5	8.5	Fine grain sand	Medium
16	153.5	162	8.5	Medium to fine grain sand	Good
17	162	166	4	Clay	
18	166	170	4	Medium grain sand	Good
19	170	174	4	Fine grain sand	Medium
20	174	178.5	4.5	Medium to fine grain sand	Good
21	178.5	203	24.5	Clay with sand	
22	203	212	9	Medium grain sand	Good
23	212	214.5	2.5	Clay	
24	214.5	224	9.5	Fine grain sand	Medium
25	224	230	6	Clay	
26	230	248.5	18.5	Fine grain sand	Medium
27	248.5	256	7.5	Medium to fine grain sand	Good
28	256	276.5	20.5	Fine grain sand	Medium
29	276.5	286.5	10	Medium to fine grain sand	Good
30	286.5	294.5	8	Fine grain sand	Medium
31	294.5	327	32.5	Clay	

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist