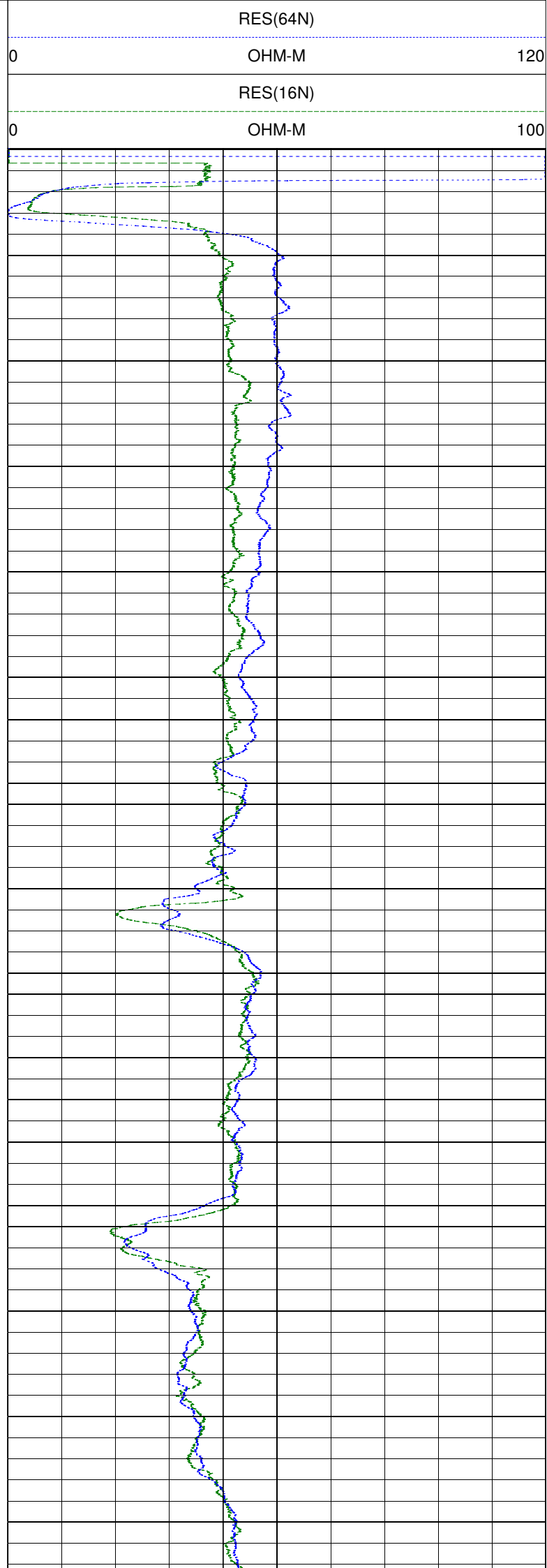
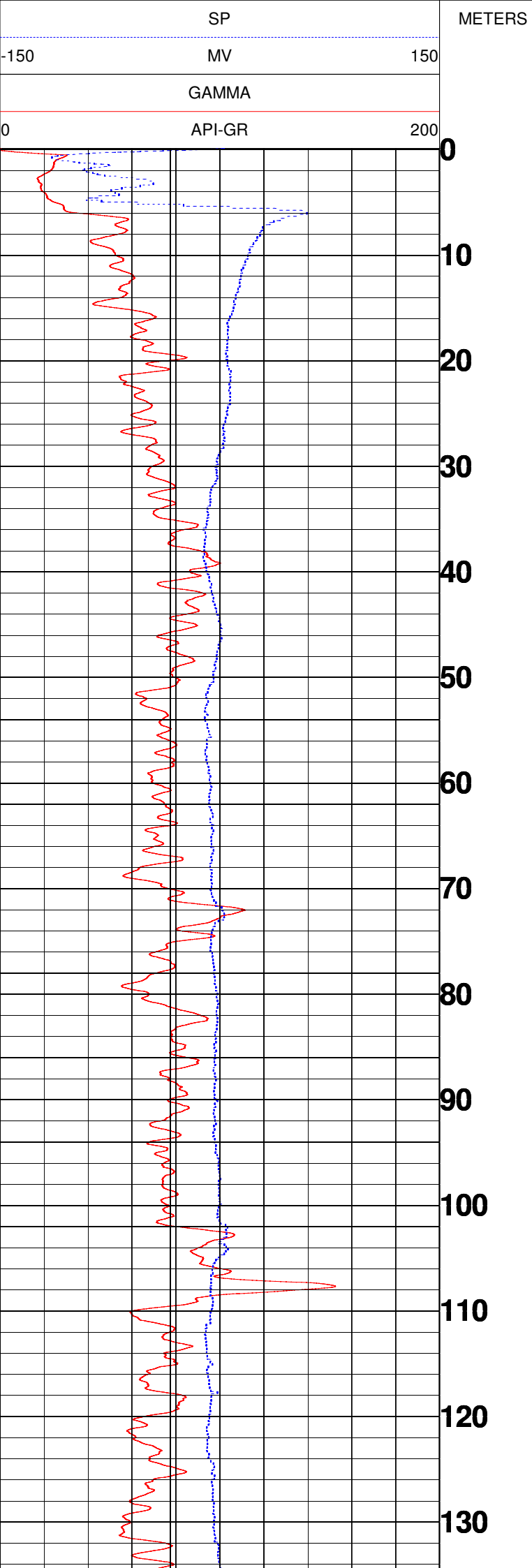


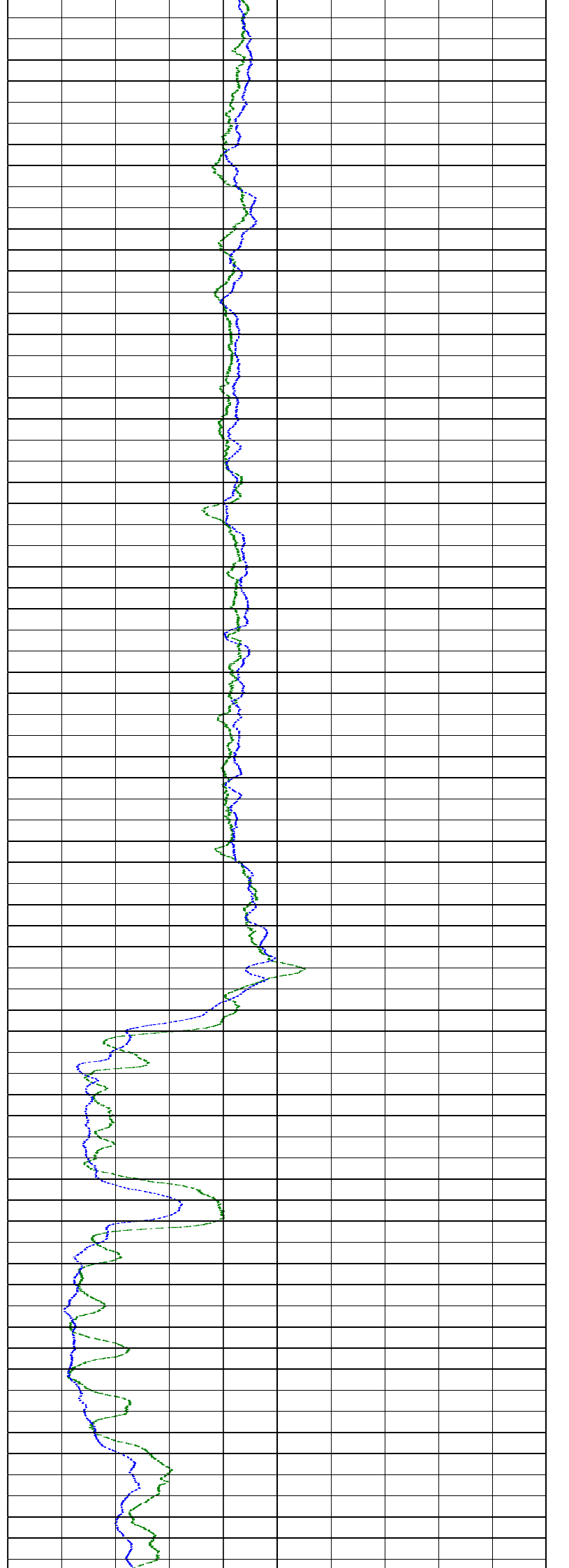
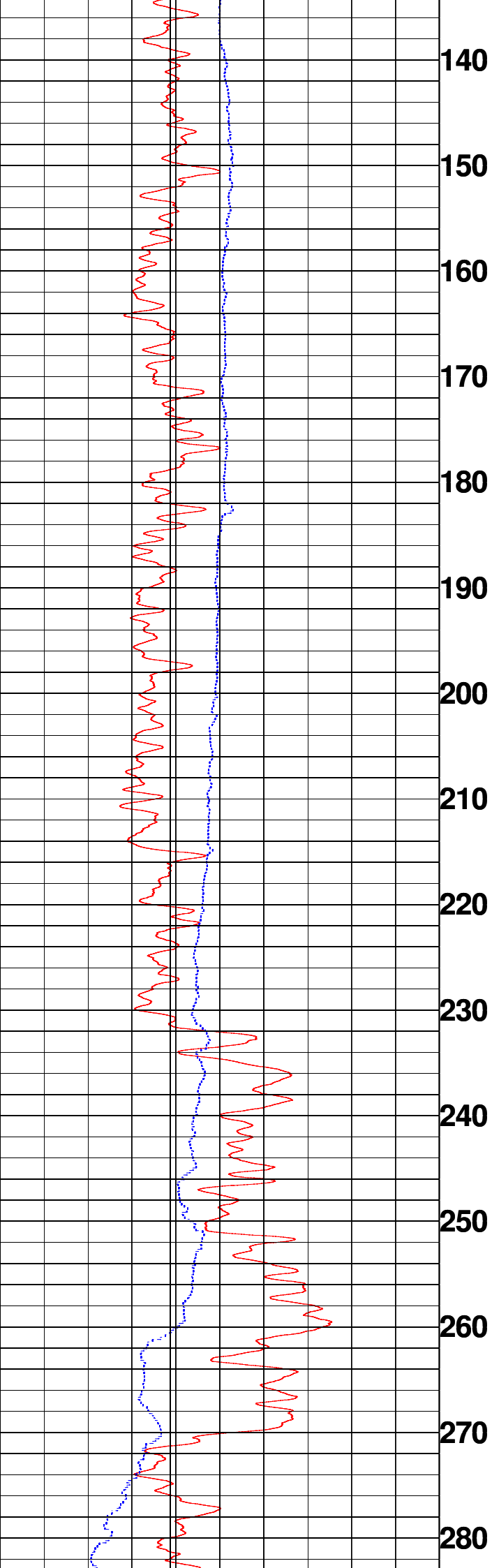


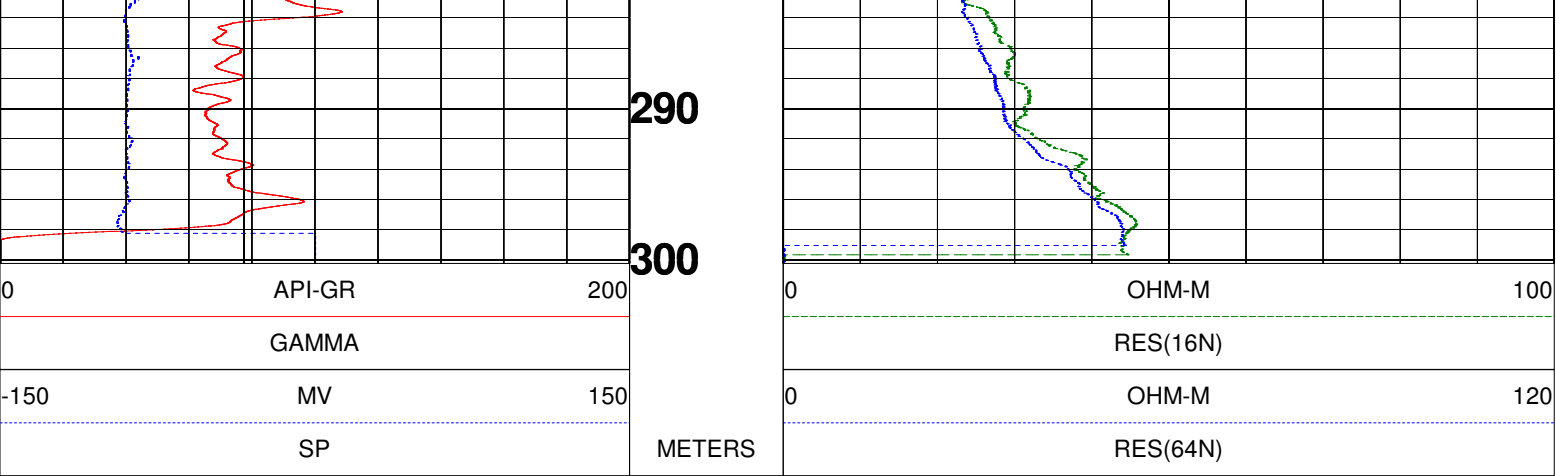
MAPL

ARNAWA,SHIVPUR

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : ARNAWA,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 : 02/28/22	RIG NUMBER :	
DEPTH DRILLER : 300	LOGGER TD :	
BIT SIZE : 12	ARRIVAL TIME :	
LOG TOP : -0.12	DEPARTURE TIME:	
LOG BOTTOM : 300.21	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		
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS		









MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	ARNAWA	DATE OF LOGGING:	28.02.2022
BLOCK:	SHIVPUR	DRILLING DEPTH:	300.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.21M
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	5	5	Top Soil	
2	5	20	15	Coares grain sand	Good
3	20	31.5	11.5	Coares to medium grain sand	Good
4	31.5	38	6.5	Medium to fine grain sand	Good
5	38	51	13	Fine to medium grain sand	Medium
6	51	71	20	Medium grain sand	Good
7	71	73.5	2.5	Clay	
8	73.5	75	1.5	Fine grain sand	Medium
9	75	81.5	6.5	Coares to medium grain sand	Good
10	81.5	94	12.5	Medium to fine grain sand	Good
11	94	102	8	Medium grain sand	Good
12	102	109.5	7.5	Clay with sand	
13	109.5	135	25.5	Coares to medium grain sand	Good
14	135	152.5	17.5	Medium to fine grain sand	Good
15	152.5	171	18.5	Medium grain sand	Good
16	171	179	8	Fine grain sand	Medium
17	179	182	3	Medium grain sand	Good
18	182	183.5	1.5	Clay	
19	183.5	215	31.5	Medium grain sand	Good
20	215	232	17	Medium to fine grain sand	Good
21	232	271	39	Clay with sand	
22	271	300	29	Medium to fine grain sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist