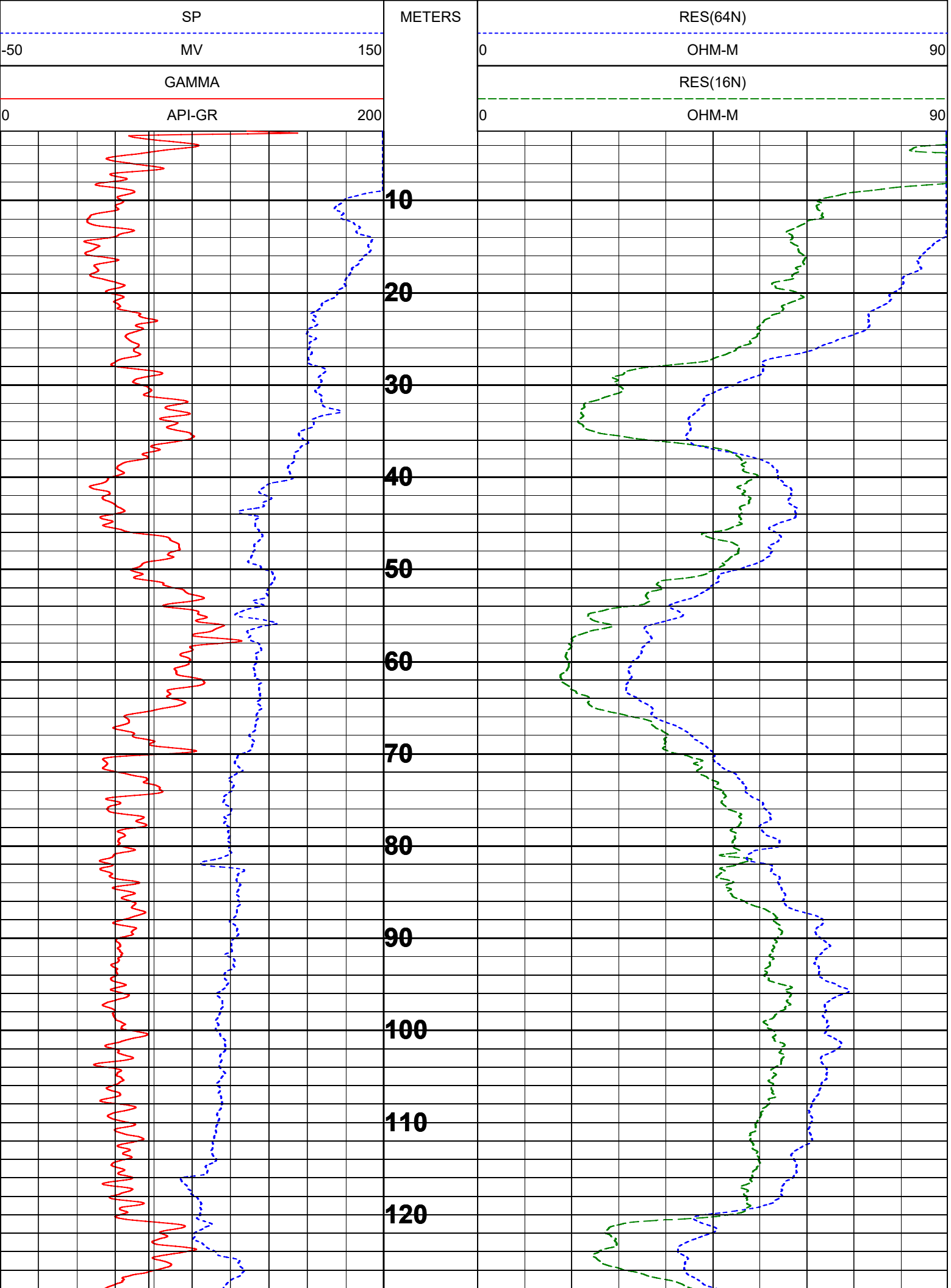
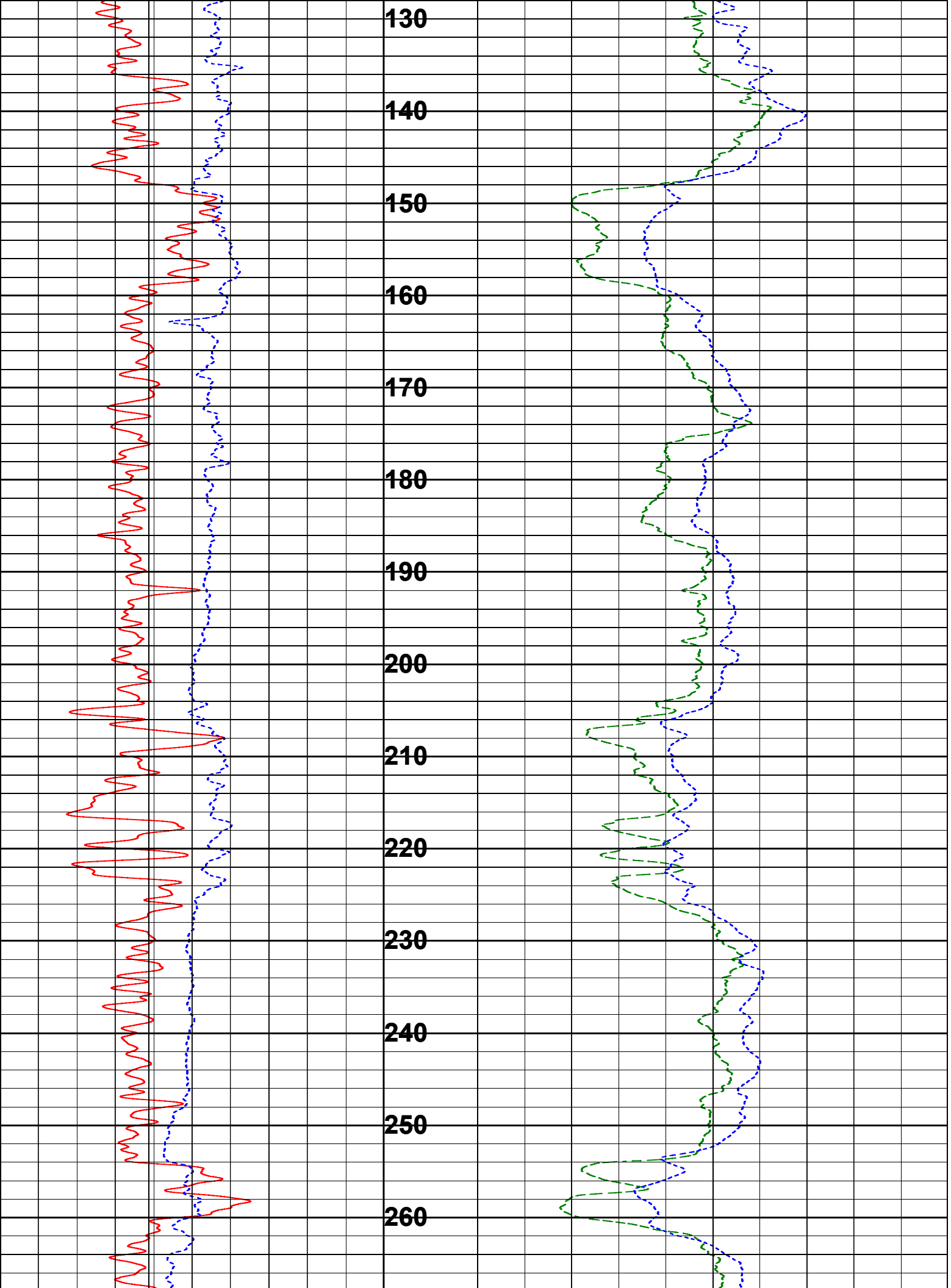
MAPL

JAGANNATHPUR

COMPANY	: PATHAK ENTERPRISE	OTHER SERVICES:	
WELL	: JAGANNATHPUR		
FIELD	: BALAHA		
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	: 19 Sep 2	RIG NUMBER	:
DEPTH DRILLER	:	LOGGER TD	:
BIT SIZE	:	ARRIVAL TIME	:
LOG TOP	: 2.47	DEPARTURE TIME	:
LOG BOTTOM	: 300.48	CIRC STOPPED	:
CASING OD	:		
CASING BOTTOM	:		
CASING TYPE	:		
BOREHOLE FLUID	:		
RM TEMPERATURE	:		
MUD RES	:		
MUD WEIGHT	:		
WITNESSED BY	:		
RECORDED BY	:		
REMARKS 1	:		
REMARKS 2	:		


SP
-50
MV
150
GAMMA
0
API-GR
200
METERS
10
20
30
40
50
60
70
80
90
100
110
120
RES(64N)
0
OHM-M
90
RES(16N)
0
OHM-M
90


130
140
150
160
170
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190
200
210
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230
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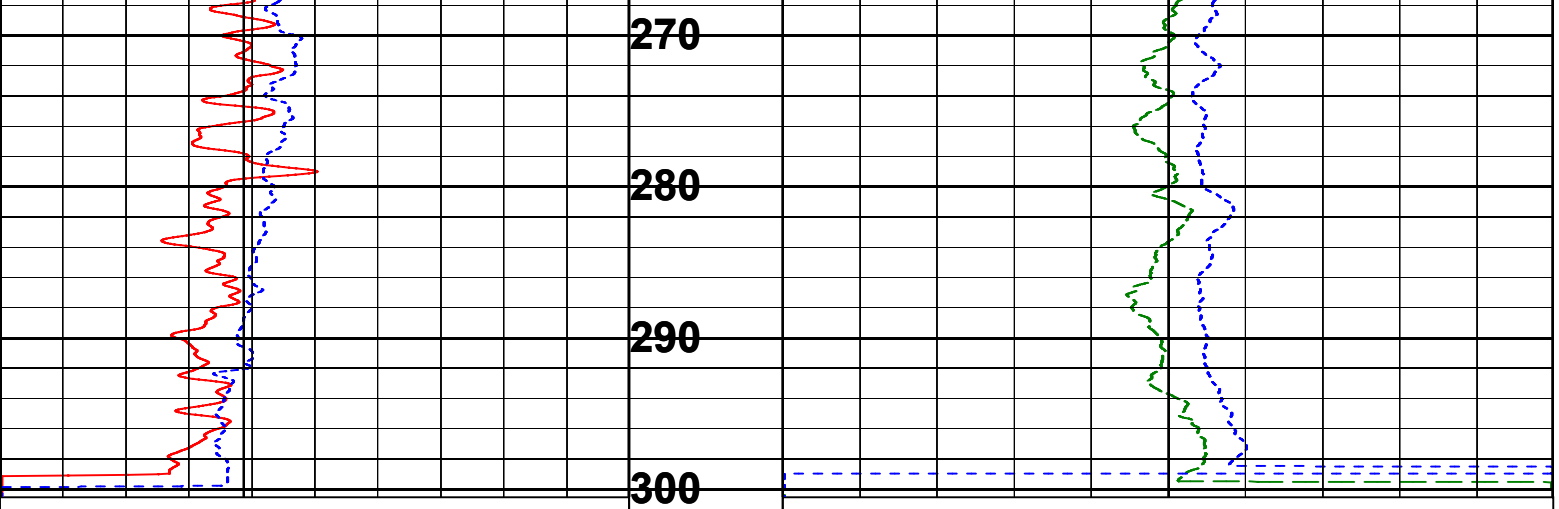
250
260



0	API-GR	200		0	OHM-M	90
GAMMA				RES(16N)		
-50	MV	150		0	OHM-M	90
SP			METERS	RES(64N)		

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JAGANNATHPUR	**DATE OF LOGGING:**	19.09.2023
BLOCK:	BALAHA	**DRILLING DEPTH:**	305.00 M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	299.00M
ENGG:	ASHOK KUMAR	**LOGGING COMPANY:**	Mining Associates Pvt. Ltd.
Rm	12.5 ohm.m	**Rw**	14.2 ohm.m
DISTRIC	BAHRAICH		

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	26	16	Medium grain sand	Good
3	26	37	11	Clay with sand	
4	37	46	9	Medium grain sand	Good
5	46	50	4	Medium to fine grain sand	
6	50	68	18	Clay with sand	
7	68	74.5	6.5	Medium to fine grain sand	Good
8	74.5	120	45.5	Medium grain sand	
9	120	128.5	8.5	Clay with sand	
10	128.5	136.5	8	Medium grain sand with kankar	Good
11	136.5	139.5	3	Fine grain sand	
12	139.5	147	7.5	Medium grain sand	
13	147	160	13	Clay with sand	
14	160	175	15	Medium grain sand	Good
15	175	187.5	12.5	Sandyclay	
16	187.5	205.5	18	Medium grain sand with kankar	Good
17	205.5	210	4.5	Medium to fine grain sand &Kankar	
18	210	227	17	Sandyclay with kankar	
19	227	253.5	26.5	Medium grain sand	Good
20	253.5	262.5	9	Clay with sand	
21	262.5	279.5	17	Medium to fine grain sand	Good
22	279.5	299	19.5	Medium grain sand	

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Geophysicist

CC;

1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda

2.M/S Vishwanath Projects Limited,Bahraich