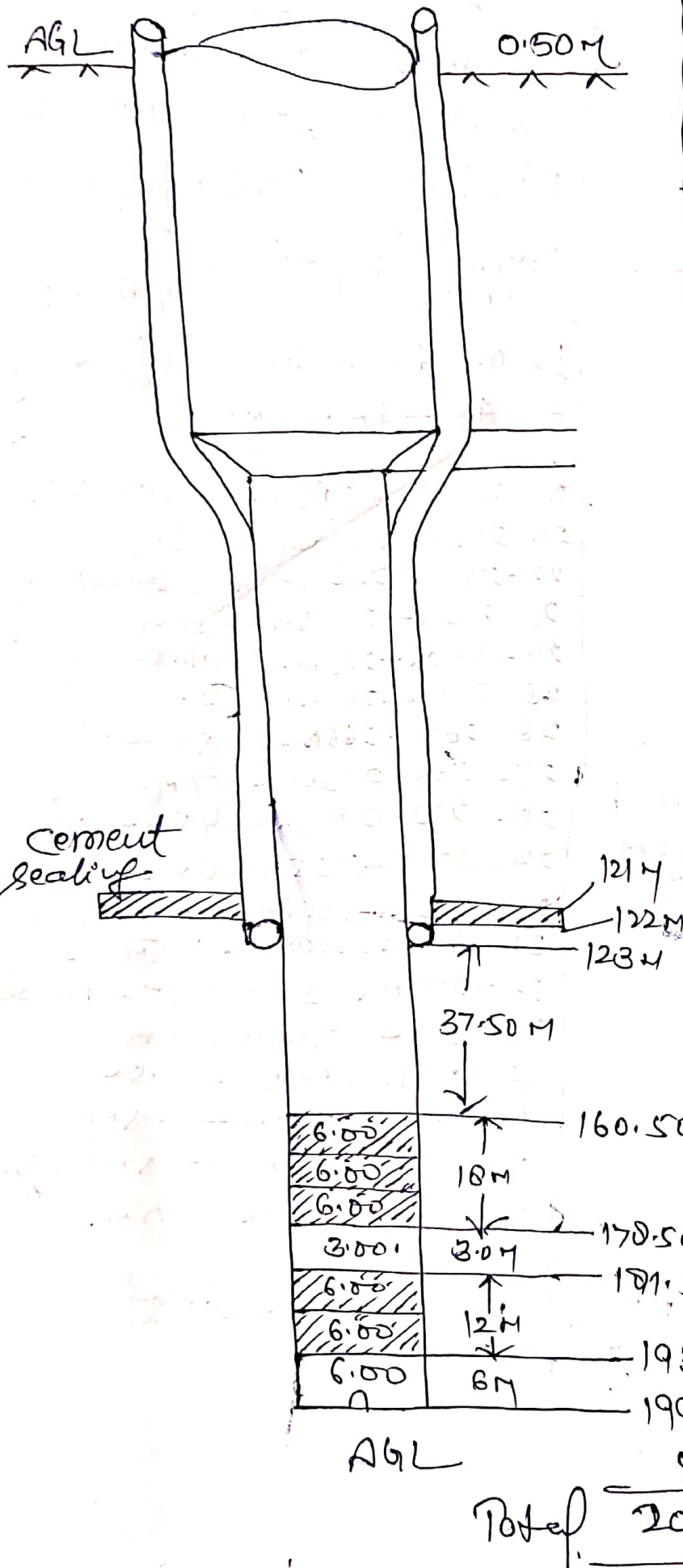


Date: 07/14/2022
 Proposed T.W. Assy. chart of Shirpur Semara w/s setone
 Bahraich under JIM (Block Nawabganj)



Bore Size — 800mm x 1530mm
 T.W. Assy — 300mm x 150mm
 Discharge — 850 LPM / 37m / 15H
 Logging Report (04/04/2022)

1- 0-6m — 6m
 2- 6m-7.5m — 1.5m.

23-120-123m — 3m — clay

24-123-128m — 5m

25-128-130.5m — 2.5m

26-130.5-160.5m — 30.5m

27-160-164m — 4m ✓

28-164-167.5m — 3.5m ✓

29-167.5-174m — 6.5m ✓

30-174-182m — 8m ✓

31-182-188.5m — 6.5m

32-188.5-194.5m — 6m

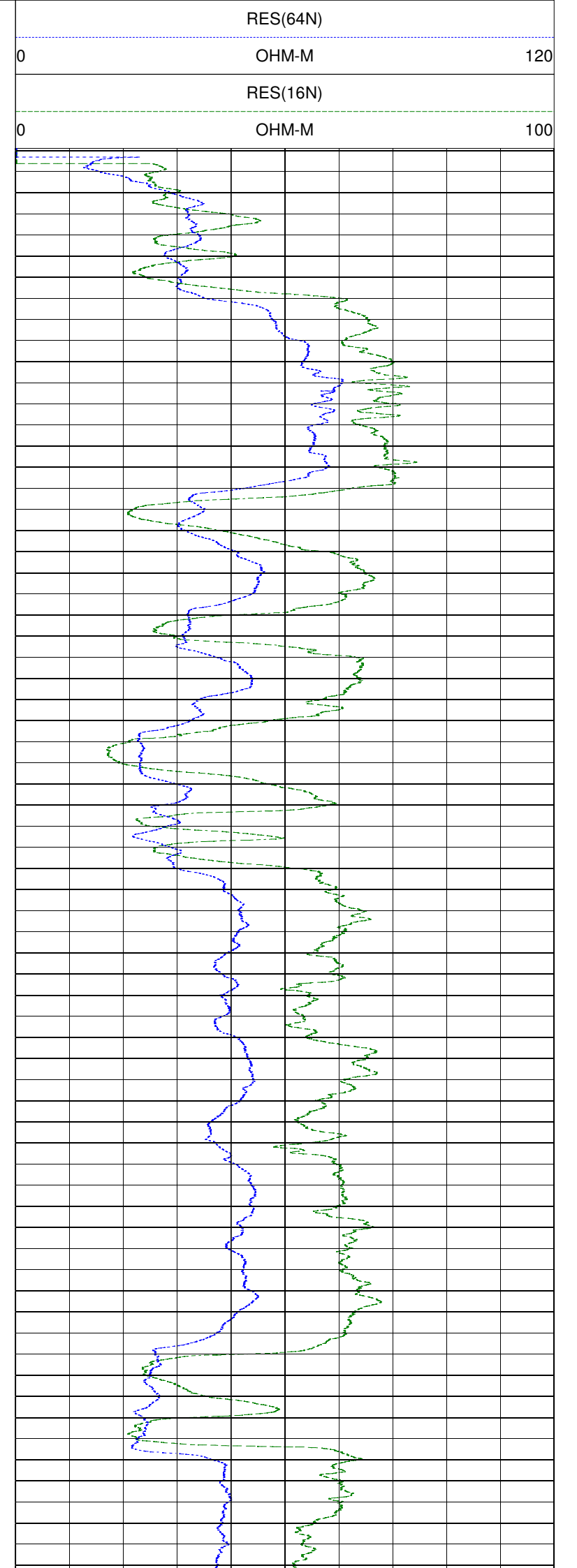
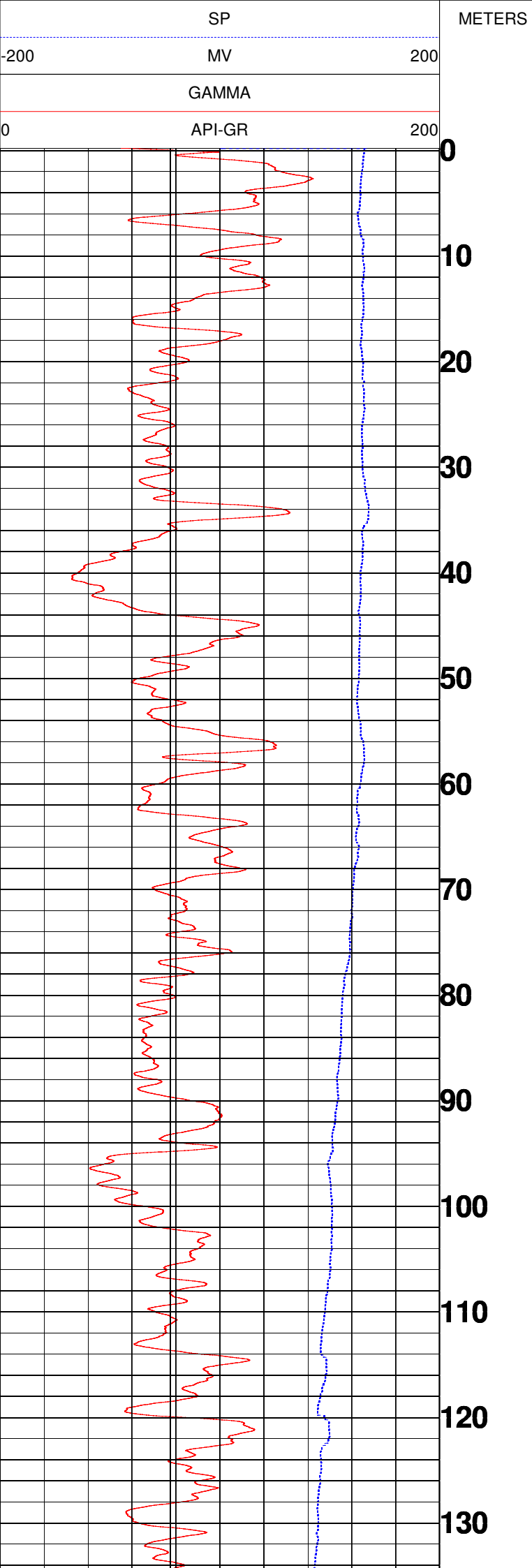
33-194.5-196m — 1.5m — clay

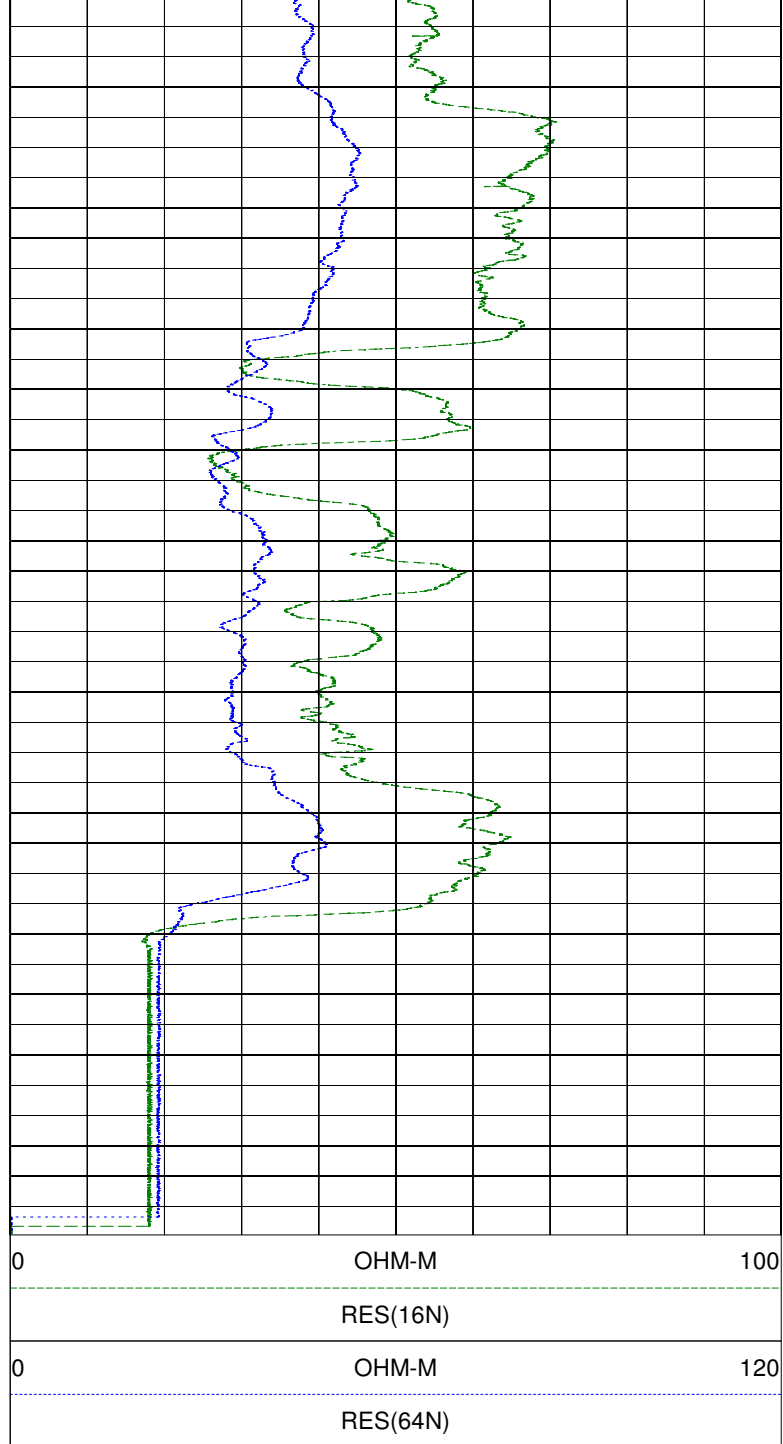
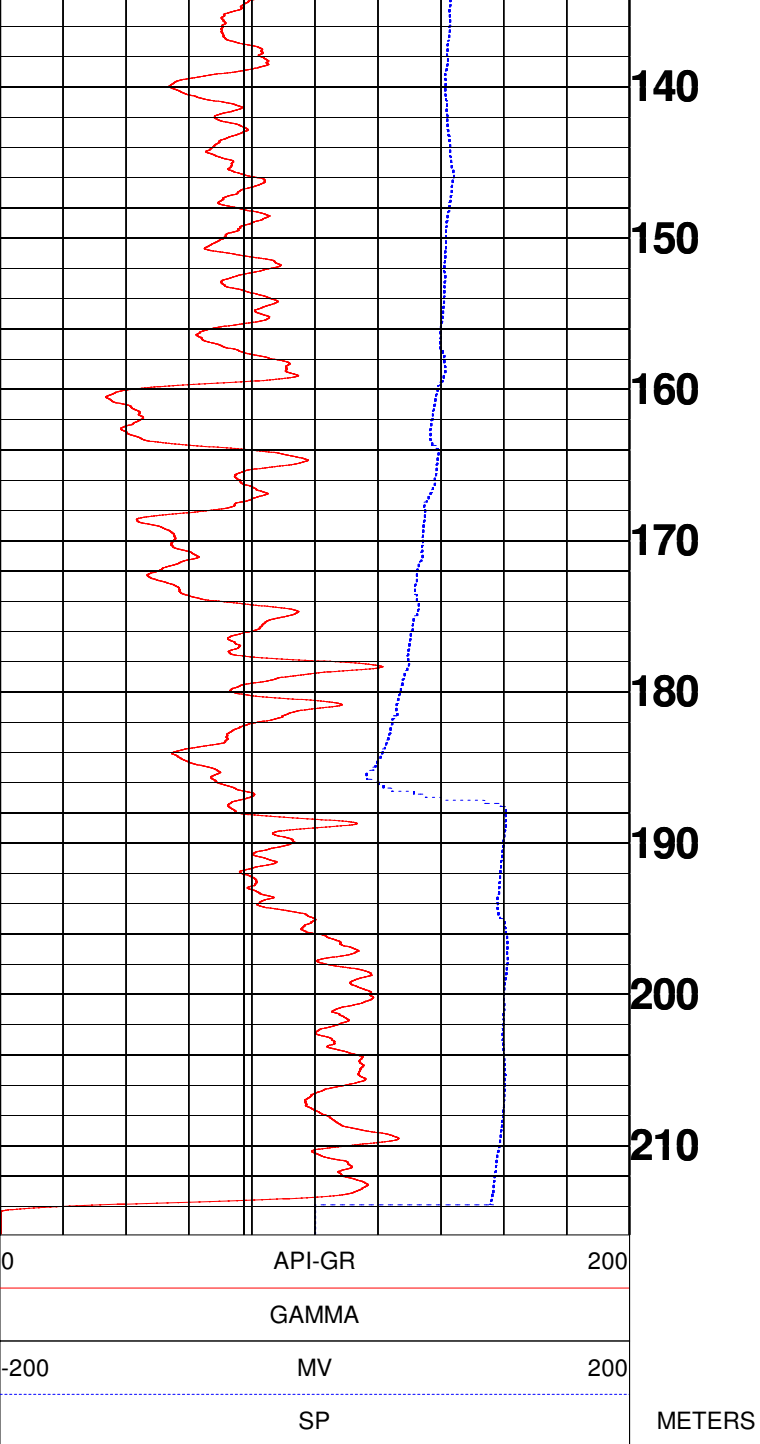


MAPL

SHIVPUR SEMRA,NAWABGANJ

COMPANY : SHIV DRILLERS		OTHER SERVICES:
WELL : SHIVPUR SEMRA,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 : 04/04/22	RIG NUMBER :	
DEPTH DRILLER : 220	LOGGER TD :	
BIT SIZE : 12	ARRIVAL TIME :	
LOG TOP : -0.20	DEPARTURE TIME:	
LOG BOTTOM : 215.86	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:	SHIVPUR SEMRA	DATE OF LOGGING:	04.04.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	215.86M
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	6	6	Top Soil	
2	6	7.5	1.5	Medium grain sand	Good
3	7.5	14.5	7	Clay with sand	
4	14.5	22	7.5	Medium to fine grain sand	Good
5	22	33.5	11.5	Medium grain sand	Good
6	33.5	36	2.5	Clay	
7	36	44.5	8.5	Coares grain sand	Good
8	44.5	48	3.5	Clay	
9	48	54.5	6.5	Medium to fine grain sand	Good
10	54.5	57	2.5	Clay	
11	57	60	3	Fine grain sand	Medium
12	60	63	3	Medium grain sand	Good
13	63	69.5	6.5	Clay with sand	
14	69.5	76.5	7	Fine grain sand	Medium
15	76.5	78.5	2	Medium to fine grain sand	Good
16	78.5	90	11.5	Medium grain sand	Good
17	90	95	5	Fine grain sand	Medium
18	95	102	7	Coares grain sand	Good
19	102	114	12	Medium to fine grain sand	Good
20	114	116	2	Clay	
21	116	118.5	2.5	Fine grain sand	Medium
22	118.5	120	1.5	Medium grain sand	Good
23	120	123	3	Clay	
24	123	128	5	Fine grain sand	Medium
25	128	130.5	2.5	Medium grain sand	Good
26	130.5	160	29.5	Medium to fine grain sand	Good
27	160	164	4	Coares grain sand	Good
28	164	167.5	3.5	Medium to fine grain sand	Good
29	167.5	174	6.5	Coares grain sand	Good
30	174	182	8	Fine to medium grain sand	Medium
31	182	188.5	6.5	Medium grain sand	Good
32	188.5	194.5	6	Fine grain sand	Medium
33	194.5	215	20.5	Clay	

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist