



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KARANIA	DATE OF LOGGING:	15.05.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.27M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.896ohm\m	Rw	0.756ohm\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	7	7	Top Soil	
2	7	40	33	Coares to medium grain sand& kankar	Good
3	40	46	6	Medium to fine grain sand	Good
4	45	58	13	Clay with sand	
5	58	61	3	Medium grain sand	Good
6	61	65	4	Clay <i>FS</i>	
7	65	75	10	Medium grain sand	Good
8	75	81	6	Fine sediment	
9	81	102.5	21.5	Coares to medium grain sand& kankar	Good
10	102.5	110	7.5	Clay with sand	
11	110	116	6	Medium to fine grain sand	Good
12	116	124	8	Clay with sand	
13	124	130	6	Coares grain sand	Good
14	130	137.5	7.5	Fine sediment	
15	137.5	143	5.5	Medium grain sand	Good
16	143	148	5	Clay	
17	148	150	2	Medium grain sand	Good
18	150	165	15	Clay with sand	
19	165	171.5	6.5	Medium to fine grain sand	Good
20	171.5	180	8.5	Medium grain sand	Good
21	180	193	13	Medium to fine grain sand	Good
22	193	208	15	Clay with sand	
23	208	213	5	Medium to fine grain sand	Good
24	213	218	5	Clay	

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist
Verified as per logs provided

cc;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda
- 2.M/S Vishwanath Projects Limited,Bahraich

G.Sh
17/05/23