



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KAMALA JOT	DATE OF LOGGING:	09.06.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	219.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.911ohm\m	Rw	0.825ohm\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	6	6	Top Soil	
2	6	17	11	Coares grain sand	Good
3	17	30	13	Sandyclay	
4	30	50	20	Coares to medium grain sand&kankar	Good
5	50	62.5	12.5	Sandyclay	
6	62.5	90	27.5	Medium grain sand with kankar	Good
7	90	93.5	3.5	Fine sediment	
8	93.5	106.5	13	Medium grain sand with kankar	Good
9	106.5	116	9.5	Sandyclay with kankar	
10	116	141	25	Medium grain sand with kankar	Good
11	141	161	20	Clay with sand	
12	161	170	9	Medium grain sand with kankar	
13	170	187.5	17.5	Medium to fine grain sand &kankar	Good
14	187.5	198.5	11	Medium grain sand with kankar	
15	198.5	203.5	5	Clay	
16	203.5	219	15.5	Medium to fine grain sand &kankar	Good

cc; Verified as per logs provided
G.S.R
10/06/23

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

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