



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	DHODHAYAL	DATE OF LOGGING:	10.04.2023
BLOCK:	TEJWAPUR	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.72M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.936ohm\m	Rw	0.864ohm\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	27	21	Coares to medium grain sand& kankar	Good
3	27	48	21	Mediam grain sand with kankar	Good
4	48	57	9	Coares to medium grain sand& kankar	Good
5	57	61	4	Mediam grain sand	Good
6	61	64.5	3.5	Fine sediment	
7	64.5	81.5	17	Mediam grain sand	Good
8	81.5	85	3.5	Fine sediment	
9	85	107.5	22.5	Mediam grain sand	Good
<del>10</del>	<del>107.5</del>	<del>118</del>	<del>10.5</del>	<del>Clay with sand</del>	
11	118	140	22	Mediam grain sand	Good
12	140	164	24	Mediam to fine grain sand	Good
13	164	176	12	Mediam grain sand	Good
<del>14</del>	<del>176</del>	<del>188</del>	<del>12</del>	<del>Clay with sand</del>	
15	188	210	22	Mediam to fine grain sand	Good
16	210	216	6	Mediam grain sand	Good
17	216	220	4	Fine sediment	
18	220	228	8	Mediam to fine grain sand	Good
19	228	232.5	4.5	Mediam grain sand	Good
<del>20</del>	<del>232.5</del>	<del>250</del>	<del>17.5</del>	<del>Clay with sand</del>	
<del>21</del>	<del>250</del>	<del>252</del>	<del>2</del>	<del>Mediam to fine grain sand</del>	<del>Good</del>
<del>22</del>	<del>252</del>	<del>258</del>	<del>6</del>	<del>Clay with sand</del>	
<del>23</del>	<del>258</del>	<del>262</del>	<del>4</del>	<del>Mediam to fine grain sand</del>	<del>Good</del>
<del>24</del>	<del>262</del>	<del>267.5</del>	<del>5.5</del>	<del>Clay</del>	
<del>25</del>	<del>267.5</del>	<del>310</del>	<del>42.5</del>	<del>Mediam to fine grain sand &amp; kankar</del>	<del>Good</del>
<del>26</del>	<del>310</del>	<del>321</del>	<del>11</del>	<del>Sandyclay</del>	

Verified as per logs provided.

G.Sh  
12/04/23

For Mining Associates Pvt. Ltd.

Ashok Kumar  
Geophysicist