

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BASNERA	DATE OF LOGGING:	25.01.2022
BLOCK:	VISHESHWARGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.07M
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.

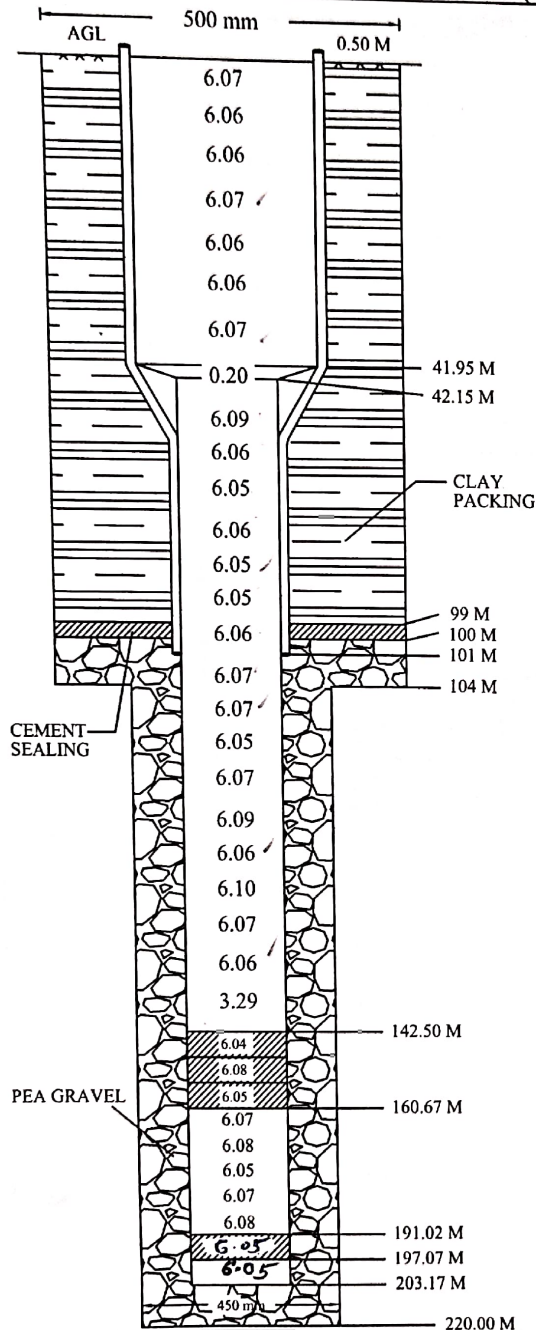
NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	5	5	Top Soil	
2	5	22	17	medium grain sand	Good
3	22	24	2	Fine grain sand	Medium
4	24	32	8	Medium to fine grain sand	Good
5	32	35	3	Cores grain sand	Good
6	35	46	11	Medium to fine grain sand	Good
7	46	59	13	medium grain sand	Good
8	59	63	4	Cores grain sand	Good
9	63	80	17	Medium grain sand	Good
10	80	92	12	Fine grain sand	Medium
11	92	102	10	Clay	
12	102	109	7	Fine grain sand	Medium
13	109	111.5	2.5	Clay	
14	111.5	114.5	3	Fine grain sand	Medium
15	114.5	116.5	2	Clay	
16	116.5	119	2.5	Fine grain sand	Medium
17	119	123.5	4.5	Medium to fine grain sand	Good
18	123.5	130.5	7	Fine grain sand	Medium
19	130.5	140	9.5	Clay	
20	140	161	21	Medium to fine grain sand	Good
21	161	170	9	Clay	
22	170	190	20	Clay with sand	
23	190	207	17	Fine grain sand	Medium
24	207	210	3	Clay	
25	210	220	10	Fine grain sand	Medium

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

ACTUAL T.W. ASSEMBLY CHART OF BASNERA W/S SCHEME BAHRAICH UNDER JAL JEEVAN MISSION (BLOCK - VISHESHWARGANJ)



Bore size- 500mm X 450mm
T.W. Assy - 300 mm X 150 mm
Discharge - 700 LPM/35 M/7.5 HP

Logging Report (25-01-2022)

- 1- 00-5M-5M (Surface soil)
- 2- 5-22M-17M
- 3- 22-24M-2M
- 4- 24-32M-8M
- 5- 32-35M-3M
- 6- 35-46M-11M
- 7- 46-59M-13M
- 8- 59-63M-4M
- 9- 63-80M-17M
- 10- 80-92M-12M
- 11- 92-102M-10M (Clay)
- 12- 102-109M-7M
- 13- 109-111.5M-2.5M (Clay)
- 14- 111.5-114.5M-3M
- 15- 114.5-116.5M-2M (Clay)
- 16- 116.5-119M-2.5M
- 17- 119-123.5M-4.5M
- 18- 123.5-130.5M-7M
- 19- 130.5-140M-9.5M (Clay)
- 20- 140-161M-21M
- 21- 161-170M-9M (Clay)
- 22- 170-190M-20M (Clay with sand)
- 23- 190-207M-17M
- 24- 207-210M-3M (Clay)
- 25- 210-220M-10M

DATE :-

Total = 203.17 + 0.50 (AGL)
= 203.67 M

PNC-SPML JV
PNC Tower 3/22 - D
CIVIL LINE
Agra



JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)

JAL NIGAM RURAL GONDA

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