

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	GOPALPUR	DATE OF LOGGING:	28.01.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.33M
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	8	8	Top Soil	
2	8	15	7	Fine graind sand	Medium
3	15	17.5	2.5	Medium grain sand	Good
5	17.5	21.5	4	Clay	
6	21.5	30	8.5	Clay with sand	
7	30	36.5	6.5	Clay	
8	36.5	44	7.5	Coars graind sand	Good
9	44	58	14	Clay with sand	
10	58	62	4	Fine graind sand	Medium
11	62	66.5	4.5	Clay	
12	66.5	80	13.5	Fine to medium graind sand	Medium
13	80	85	5	Clay with sand	
14	85	89.5	4.5	Fine graind sand	Medium
15	89.5	93.5	4	Clay	
16	93.5	103	9.5	Coars to medium grain sand	Good
17	103	117	14	Clay	
18	117	131	14	Fine graind sand	Medium
19	131	133.5	2.5	Clay	
20	133.5	150.5	17	Fine to medium graind sand	Medium
21	150.5	154	3.5	Clay	
22	154	159	5	Fine graind sand	Medium
23	159	162	3	Clay	
24	162	165.5	3.5	Medium grain sand	Good
25	165.5	171.5	6	Clay	
26	171.5	183.5	12	Fine graind sand	Medium
27	183.5	187	3.5	Clay	
28	187	195.5	8.5	Fine graind sand	Medium
29	195.5	200	4.5	Clay	
30	200	202	2	Medium grain sand	Good
31	202	209.5	7.5	Clay with sand	
32	209.5	211.5	2	Fine graind sand	Medium
33	211.5	220	8.5	Medium grain sand	Good

For Mining Associates Pvt. Ltd.

Geophysicist

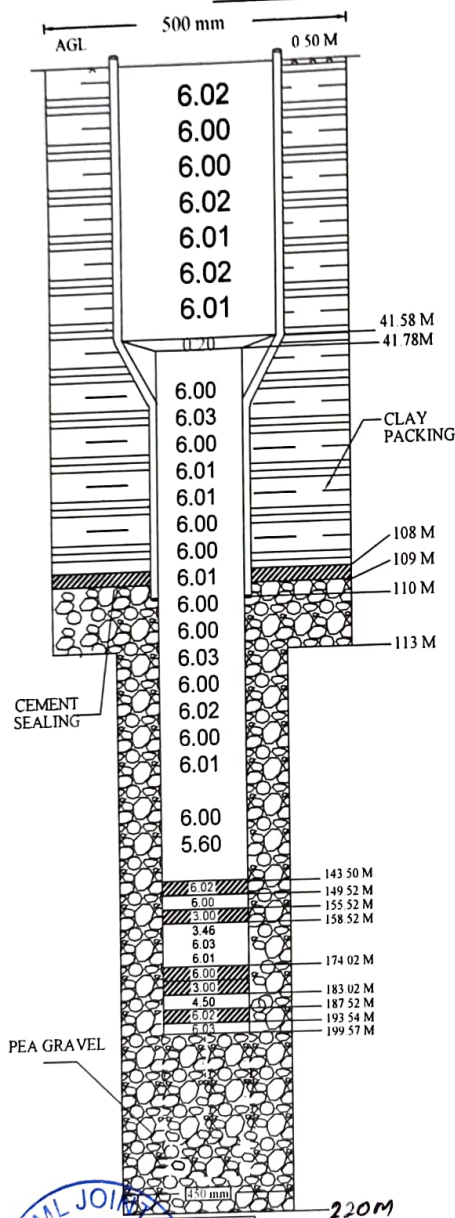


PNC - SPML JV

Engineering Life
SPML INFRA LIMITED

ACTUAL T.W. ASSEMBLY CHART OF GOPALPUR W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION (BLOCK - NAWABGANJ)



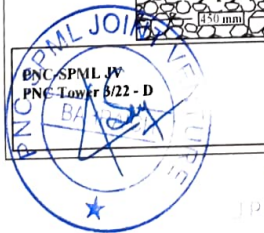
Bore size - 500 mm X 450 mm
T.W. Assy - 200 mm X 150 mm
Discharge - 400 LPM/37 m/7.5HP
Lowering date - 27-01-2022

Logging Report : 06-01-2022)

- 1-0-8M-8M(SURFACE CLAY)
- 2-8-15 M-7 M
- 3-15-17.5 M-2.5 M
- 4-17.5-21.5 M-4 M
- 5-21.5-30 M-8.5 M
- 6-30-36.5 M-6.5 M
- 7-36.5-44 M-7.5 M
- 8-44-58 M-14 M
- 9-58-62 M-4M
- 10-62-66.5M-4.5M
- 11-66.5-80M-13.5M
- 12-80-85M-5M
- 13-85-89.5M-4.5M
- 14-89.5-93.5M-4M
- 15-93.5-103M-9.5M
- 16-103-117M-14M
- 17-117-131M-14
- 18-131-133.5M-2.5M
- 19-133.5-150.5 M-17 M
- 20-150.5-154 M-3.5 M
- 21-154-159M-5M
- 22-159-162M-3M
- 23-162-165.5M-3.5M
- 24-165.5-171.5 M-6M
- 25-171.5-183.5M-12 M
- 26-183.5-187M-3.5M
- 27-187-195.5 M-8.5M
- 28-195.5-200 M-4.5M
- 29-200-202M-2M
- 30-202-209.5M-7.5M
- 31-209.5-211.5M-2M
- 32-211.5-220M-8.5M

Total=199.57+0.50(AGL)
= 200.07 M

Mohd Tarveer
Mechanical Engineer
TPI Bahraich



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

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
JAL NIGAM RURAL GONDAR

EXECUTIVE ENGINEER

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