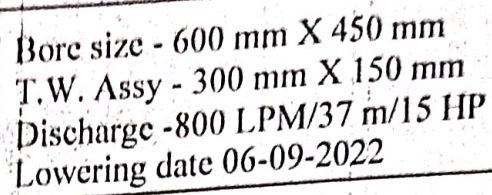


UNDER JAL JEEVAN MISSION (BLOCK -VISHESHWARGANJ)



- 1- 0- 4M- 4M
- 2- 4- 12M- 8M
- 3- 12- 26M- 14M
- 4- 26- 29M- 3M
- 5- 29- 40M- 11M
- 6- 40- 44M- 4M(CLAY)
- 7- 44- 51M- 7M
- 8- 51- 58.5M- 7.5M
- 9- 58.5- 67.5M- 9M
- 10- 67.5- 71.5M- 4M
- 11- 71.5- 83M- 11.5M
- 12- 83- 87M- 4M
- 13- 87- 97.5M- 10.5M
- 14- 97.5- 104M- 6.5M
- 15- 104- 109M- 5M
- 16- 109- 113.5M- 4.5M
- 17- 113.5- 116M- 2.5M
- 18- 116- 123M- 7M
- 19- 123- 137M- 14M
- 20- 137- 141M- 4M
- 21- 141- 144M- 3M(CLAY)
- 22- 144- 147.5M- 3.5M
- 23- 147.5- 169M- 21.5M
- 24- 169- 180M- 11M
- 25- 180- 189M- 9M(CLAY)
- 26- 189- 196M- 7M
- 27- 196- 198.5M- 2.5M
- 28- 198.5- 204M- 5.5M
- 29- 204- 206M- 2M
- 30- 206- 210.5M- 4.5M
- 31- 210.5- 220M- 9.5M

$$\begin{aligned} \text{Total} &= 201.69 + 0.50(\text{AGL}) \\ &= 202.19 \text{ BM} \end{aligned}$$

Site Office: PNC - SPML JV, Plot No. 141, Behind Pandhwa Hotel Near Durga Mandir Hanuman Colony, Sufipura, Bahraich, UP, PIN-271801
Head Office : PNC Infrastructure Limited (Lead Member of PNC - SPML JV). PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra, UP, PIN-282002



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BURNI BHALUHIYA	DATE OF LOGGING:	04.09.2022
BLOCK:	VISHESHWAR GANJ	DRILLING DEPTH:	220.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.27M
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	4	4	Top Soil	
2	4	12	8	coares grain sand	Good
3	12	26	14	Medium grain sand	Good
4	26	29	3	Medium to fine grain sand	Good
5	29	40	11	Coares to medium grain sand	Good
6	40	44	4	Clay	
7	44	51	7	Fine grain sand	Medium
8	51	58.5	7.5	coares grain sand	Good
9	58.5	67.5	9	Medium grain sand	Good
10	67.5	71.5	4	coares grain sand	Good
11	71.5	83	11.5	Fine grain sand	Medium
12	83	87	4	Medium grain sand	Good
13	87	97.5	10.5	Clay with sand	
14	97.5	104	6.5	Coares to medium grain sand	Good
15	104	109	5	Medium grain sand	Good
16	109	113.5	4.5	coares grain sand	Good
17	113.5	116	2.5	Medium grain sand	Good
18	116	123	7	Clay with sand	
19	123	137	14	Medium to fine grain sand	Good
20	137	141	4	Fine grain sand	Medium
21	141	144	3	Clay	
22	144	147.5	3.5	Clay with sand	
23	147.5	169	21.5	Medium grain sand	Good
24	169	180	11	Clay with sand	Medium
25	180	189	9	Clay	
26	189	196	7	Fine grain sand	Medium
27	196	198.5	2.5	Medium grain sand	Good
28	198.5	204	5.5	Fine grain sand	Medium
29	204	206	2	Medium to fine grain sand	Good
30	206	210.5	4.5	Fine grain sand	Medium
31	210.5	220	9.5	Medium grain sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

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

SW