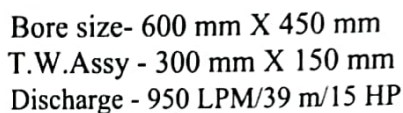




UNDER JAL JEEVAN MISSION (BLOCK - HUZOORPUR)



Logging Report : (11-02-2022)

- 1- 00-7M-7M (Surface soil)
- 2- 7-27M-20M
- 3- 27-31M-4M (Clay)
- 4- 31-40M-9M
- 5- 40-44M-4M (Clay)
- 6- 44-56M-12M
- 7- 56-70M-14M
- 8- 70-85.5M-15.5M (Clay)
- 9- 85.5-104.5M-19M
- 10- 104.5-116M-11.5M (Clay)
- 11- 116-120.5M-4.5M
- 12- 120.5-131.5M-11M (Clay)
- 13- 131.5-157.5M-26M
- 14- 157.5-170M-12.5M
- 15- 170-200M-30M
- 16- 200-252.5M-52.5M (Clay with sand)
- 17- 252.5-288M-35.5M
- 18- 288-292M-4M (Clay)
- 19- 292-303M-11M
- 20- 303-307M-4M (Clay)
- 21- 307-312M-5M
- 22- 312-314.5M-2.5M (Clay)
- 23- 314.5-317M-2.5M
- 24- 317-322.5M-5.5M (Clay)
- 25- 322.5-330M-7.5M

DATE -:

$$\begin{aligned}\text{Total} &= 279.11 + 0.50 \text{ (AGL)} \\ &= 279.61 \text{ M}\end{aligned}$$

ASSISTANT ENGINEER

Mohd Tanveer
Mechanical Engineer
TPI Bahraich

Site Office : PNC - SPML (JV), H No 141, Behind Panchwati Hotel Near Durga Mandir Hanuman Colony, Sufipura, Bahraich, UP, PIN-271801
Mob. No. +91-9267933270, Email : gmwp@pncinfratech.com

Head Office : PNC Infratech Limited (Lead Member of PNC - SPML JV), PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra, UP, PIN-282002
Tel : 91-562-4070000 (30 Lines), 91-562-4054400 (30 Lines), Email : ho@pncinfratech.com



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	NEWASI	DATE OF LOGGING:	11.02.2022
BLOCK:	HUZOORPUR	DRILLING DEPTH:	330.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.1M
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	7	7	Top Soil	
2	7	27	20	Medium grain sand	Good
3	27	31	4	Clay	
4	31	40	9	Medium to fine grain sand	Good
5	40	44	4	Clay	
6	44	56	12	Medium to fine grain sand	
7	56	70	14	Fine grain sand	Medium
8	70	85.5	15.5	Clay	
9	85.5	104.5	19	Medium to fine grain sand	Good
10	104.5	116	11.5	Clay	
11	116	120.5	4.5	Medium grain sand	Good
12	120.5	131.5	11	Clay	
13	131.5	157.5	26	Fine grain sand	Medium
14	157.5	170	12.5	Medium to fine grain sand	Good
15	170	200	30	Fine grain sand	Medium
16	200	252.5	52.5	Clay with sand	
17	252.5	288	35.5	Fine grain sand	Medium
18	288	292	4	Clay	
19	292	303	11	Fine grain sand	Medium
20	303	307	4	Clay	
21	307	312	5	Fine grain sand	Medium
22	312	314.5	2.5	Clay	
23	314	317	3	Fine grain sand	Medium
24	317	322.5	5.5	Clay	
25	322.5	330	7.5	Fine grain sand	Medium

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist