

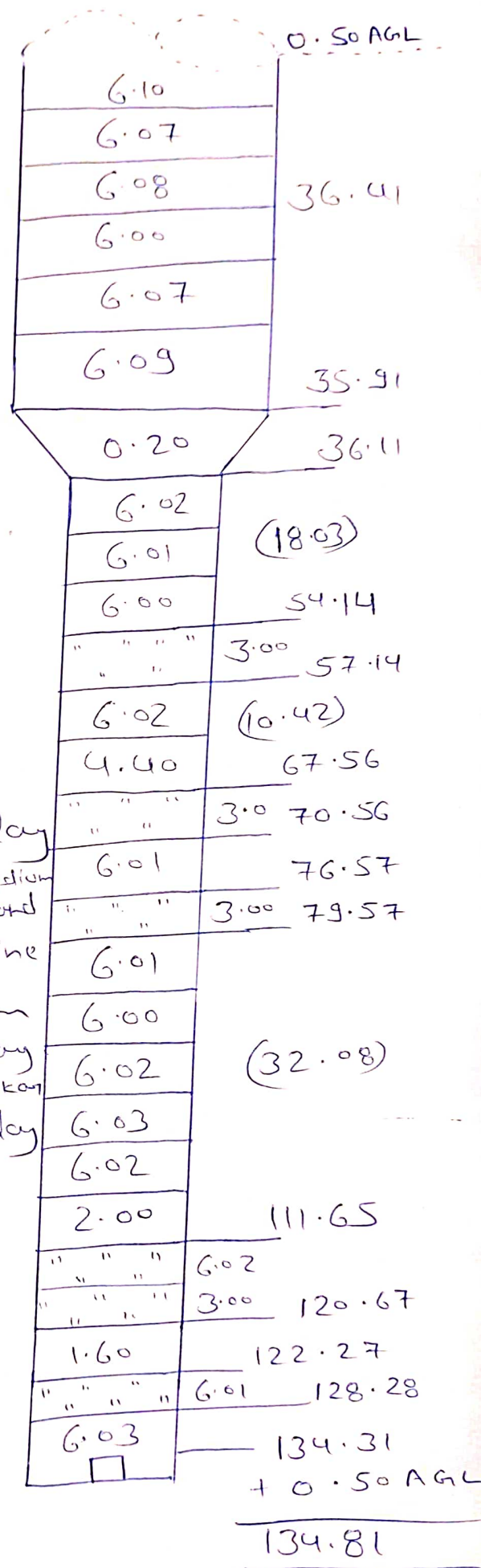
Discharge: - 700 LPM
 D/L: - 156/140 MTD
 Bore Size: - 600 x 500
 Assembly Size: - 300 x 150
 S.P.: - 24 Mtr.

Logging Report:-

- ① 20 - 30 = 10
- ② 40 - 50 = 10
- ③ 54 - 58 = 4 - ③
- ④ 67 - 72 = 5 - ③
- ⑤ 76 - 80 = 4 - ③
- ⑥ 84 - 88 = 4
- ⑦ 110 - 132 = 22 - ⑤
- ⑧ 134 - 140 = 6

Physical Strata

- 0 - 15 = Clay 89 - 110 = clay
- 15 - 21 = Fine sand 110 - 135 = Medium Sand
- 21 - 31 = Clay mix
- 31 - 40 = Very fine mix clay 135 - 141 = Fine to medium
- 40 - 50 = Clay 141 - 150 = Clay & Konkor
- 50 - 53 = Fine sand 150 - 156 = Clay
- 53 - 59 = Medium Sand
- 59 - 65 = Clay
- 65 - 71 = Medium sand
- 71 - 74 = Clay
- 74 - 80 = Medium sand & Konkor
- 80 - 89 = Clay mix





Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor- Dr. R. A. Yadav, ex- Manager (Groundwater), U. P. Jal Nigam

Ref 330 - M / AX - 2024

Date 30.03.2024

Geophysical Borehole Logging Report

Name of the site : Mahurai, Block- Gagaha

District : Gorakhpur

Date : 30.03.2024

Depth logged : 155.0 mbgl

Depth drilled : 158.0 mbgl

Logger use : Robertson make

Presence : Representative of M/S Rithwik-Koya- JV- Gorakhpur

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

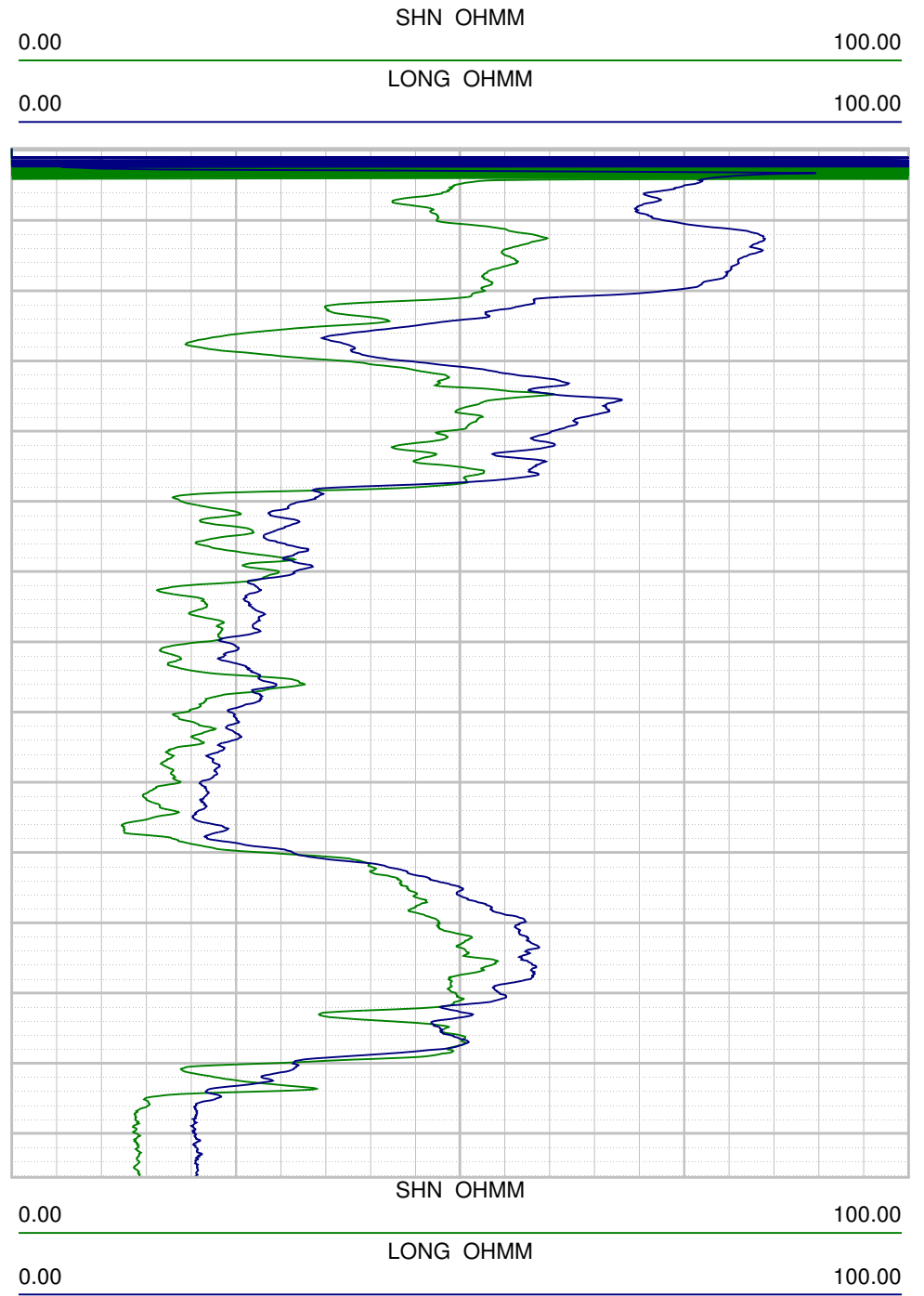
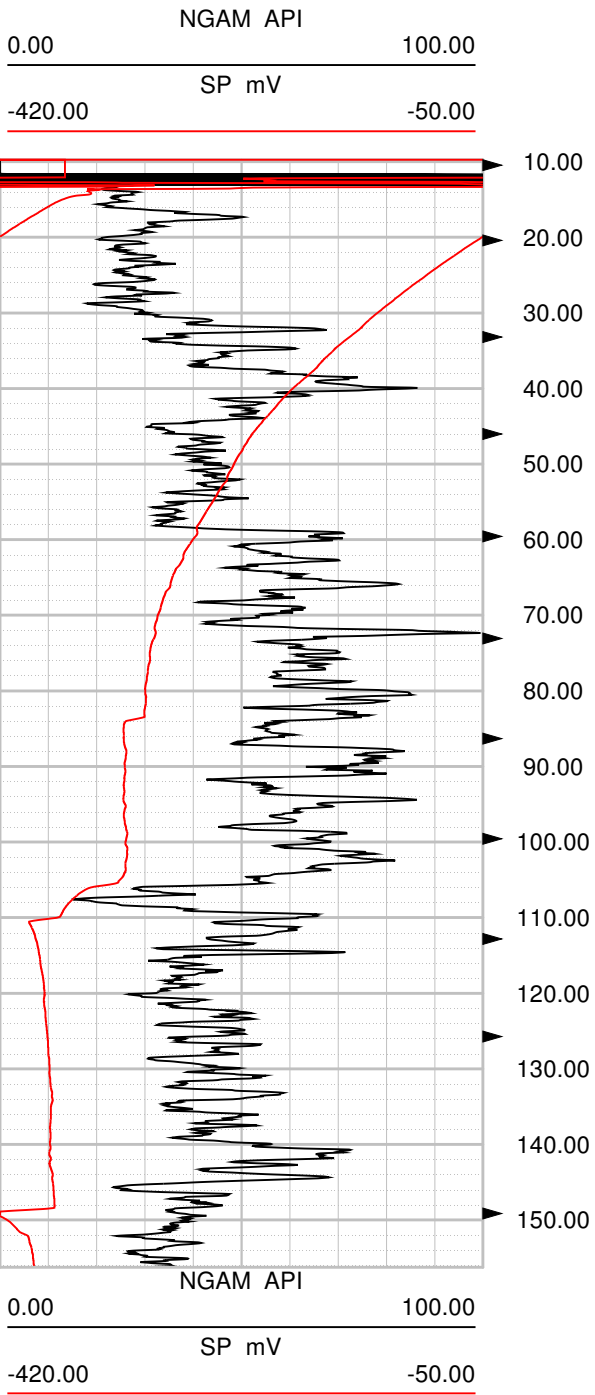
Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	20.0—30.0	10.0	Good all
2	40.0—50.0	10.0	
3	54.0—58.0	4.0	
4	67.0—72.0	5.0	
5	76.0—80.0	4.0	
6	84.0—88.0	4.0	
7	110.0—132.0	22.0	
8	134.0—140.0	6.0	

Note. All zones are intermixed with fine bands of kankar.

for Aqua Xplore

CC;

M/S Rithwik – Koya (JV), Gorakhpur



Depth: 156.00 m Date: 30 Mar 2024 Time: 10:23:03 File: "C:\Users\Administrator\Desktop\New logging file\Mahurai.LOG"