



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 1214 - M/ AX - 2022

Date 14.12.2022

Geophysical Borehole Logging Report

Name of the site : Mehrawari, Block- Pali

District : Gorakhpur

Date : 14.12.2022

Depth logged : 143.0 mbgl

Depth drilled : 145.0 mbgl- as reported

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 | 18.0---22.0 | 4.0 | Good all |
| 2 | 27.0---31.0 | 4.0 | |
| 3 | 32.0---36.0 | 4.0 | |
| 4 | 46.0---50.0 | 4.0 | |
| 5 | 64.0---68.0 | 4.0 | |
| 6 | 73.0---77.0 | 4.0 | |
| 7 | 82.0---89.0 | 7.0 | |
| 8 | 102.0---106.0 | 4.0 | |
| 9 | 110.0---114.0 | 4.0 | |
| 10 | 127.0---134.0 | 7.0 | |
| 11 | 140.0---143.0 | 3.0 | |

Note. All zones are intermixed with kankar. Sl. Nos. 1 to 7 are highly kankar intermixed.
Sl. No. 9 is fine sand.

Verified as per
logs provided.

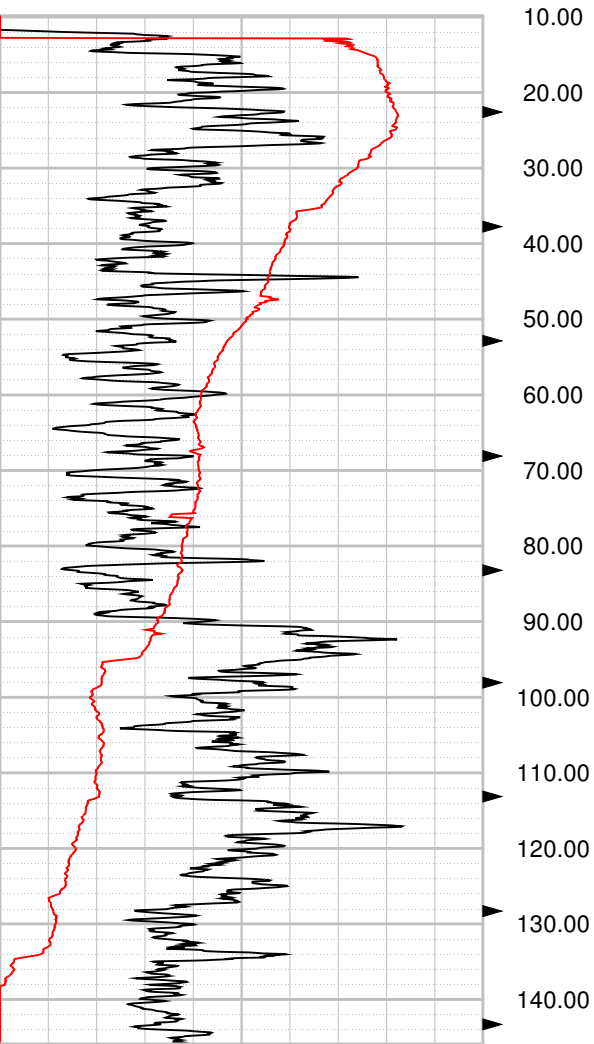
for Aqua Xplore

CC:

M/S Rithwik – Koya (JV), Gorakhpur

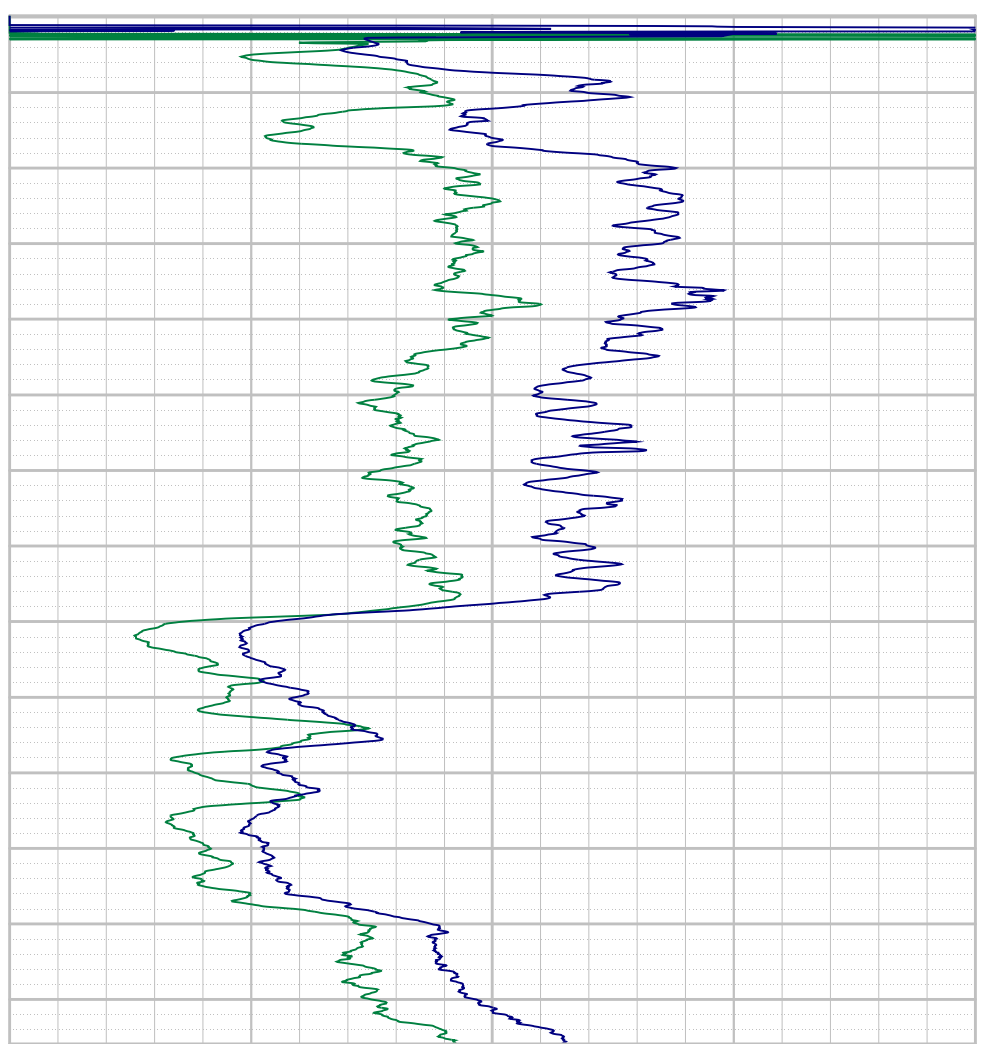
G.S.P.
15/12/22

0.00 120.00
NGAM API
500.00 600.00
SP mV



0.00 120.00
NGAM API
500.00 600.00
SP mV

0.00 100.00
SHN OHMM
0.00 100.00
LONG OHMM



0.00 100.00
SHN OHMM
0.00 100.00
LONG OHMM

Depth: 145.00 m Date: 14 Dec 2022 Time: 10:30:43 File: "C:\Users\AQUA XPLORE\Desktop\Logging Files\Mehrawari.LOG"