

Koillbhan w.s.s. T.W. Palakk-Santha, Tehsil-Mohamadpur Dist. Sant Kabir Nagar

Baro Size => 550mm dia, 165m/150m MIS MEIL, Sant Kabir Nagar

Assembly Size => 200mm x 150mm dia S.14.h => 4.40m

Required Discharge => 500 lpm G.L. 0.50m AGL

Conn Agremt No. 151/ED/21-22 Dtd. 23 Sep

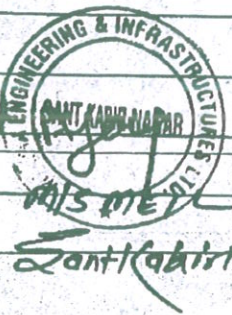
Logging Report Rtd. 31st MB.904(L)

S.N. Depth Range Thickness P.N. 1 to 3

1. 22-30 => 8m
2. 35-42 => 7m
3. 54-61 => 7m
4. 63-67 => 4m
5. 76-82 => 6m
6. 84-87 => 3m VFS+KIM
7. 110-117 => 7m VFS+KIM
8. 119-123 => 4m VFS+KIM
9. 126-133 => 7m
10. 138-150 => 12m 139-160m/160m

8" PP => 36.10m
6" PP => 94.24m
6" SP => 18.04m
148.38m
+ 0.20
148.58m

| | | |
|-------|--------|---------|
| 6.02m | | |
| 6.03m | | |
| 6.00m | | 35.60m |
| 6.01m | | |
| 6.03m | | |
| 6.01m | | 35.60m |
| 0.20m | | 35.80m |
| 6.02m | | |
| 6.03m | | |
| 6.02m | 40.20m | |
| 6.02m | | |
| 6.03m | | |
| 6.03m | | |
| 4.05m | | 76.00m |
| 6.00m | | 82.00m |
| 6.00m | | |
| 6.00m | | |
| 6.01m | 44.96m | |
| 5.98m | | |
| 6.00m | | |
| 6.01m | | |
| 6.01m | | |
| 2.95m | | 126.96m |
| 6.02m | | 132.98m |
| 6.02m | | 139.00m |
| 6.02m | | 145.02m |
| 3.06m | | 148.08m |
| | | + 0.50m |
| | | 148.58m |



M/S Pichitneru...
TRIA
S.K.M

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AE CE 2022
C.O (B.T.M)
UPJNCR], G/K/P



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreitk@gmail.com

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

Ref. 131 - KB / AX - 2022

Date 31.01.2022

Geophysical Borehole Logging Report

Name of the site : Koyal Bhar, Block - Satha

District : Sant Kabir Nagar

Date : 31.01.2022

Depth logged : 160.0 mbgl

Depth drilled : 165.0 mbgl - as reported

Logged by : Aqua Xplore

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

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 | 22.0-30.0 | 8.0 | Good all |
| 2 | 35.0-42.0 | 7.0 | |
| 3 | 54.0-61.0 | 7.0 | |
| 4 | 63.0-67.0 | 4.0 | |
| 5 | 76.0-82.0 | 6.0 | |
| 6 | 84.0-87.0 | 3.0 | |
| 7 | 110.0-117.0 | 7.0 | |
| 8 | 119.0-123.0 | 4.0 | |
| 9 | 126.0-133.0 | 7.0 | |
| 10 | 138.0-150.0 | 12.0 | |

Note. Sl. Nos. 6,7 & 8 are very fine sand intermixed with kankar.

for Aqua Xplore

Verified as per
logs provided.
Note. SrNo - 2-36 - 42 mbgl

M/S Megha Engineering & Infrastructure Limited
Hyderabad

and SrNo-10
139-150 mbgl
Should use
sediments.

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ