

# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1108 - T / AX - 2022

Date 08.11.2022

## Geophysical Borehole Logging Report

Name of the site : Tikkuiya, Block - Khesaraha

District : Siddharth Nagar

Date : 08.11.2022

Depth logged : ~~173.0 mbgl~~ - 165M

46.66 46.66.

Depth drilled : 177.0 mbgl - as reported

Logger use : Robertson make

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
<del>1</del>	24.0--29.0	5.0	Good all
<del>2</del>	36.0--41.0	5.0	
<del>3</del>	52.0--58.0	6.0	
<del>4</del>	65.0--69.0	4.0	
<del>5</del>	90.0--97.0	7.0	
<del>6</del>	102.0--107.0	5.0	
<del>7</del>	116.0--123.0	7.0	
<del>8</del>	134.0--142.0	8.0	
<del>9</del>	146.0--152.0	6.0	
<del>10</del>	158.0--162.0	4.0	
<del>11</del>	166.0--173.0	7.0	

Note. All zones are intermixed with kankar.

Verified as per  
logs provided.

G.S.B.  
09/11/22

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR.**

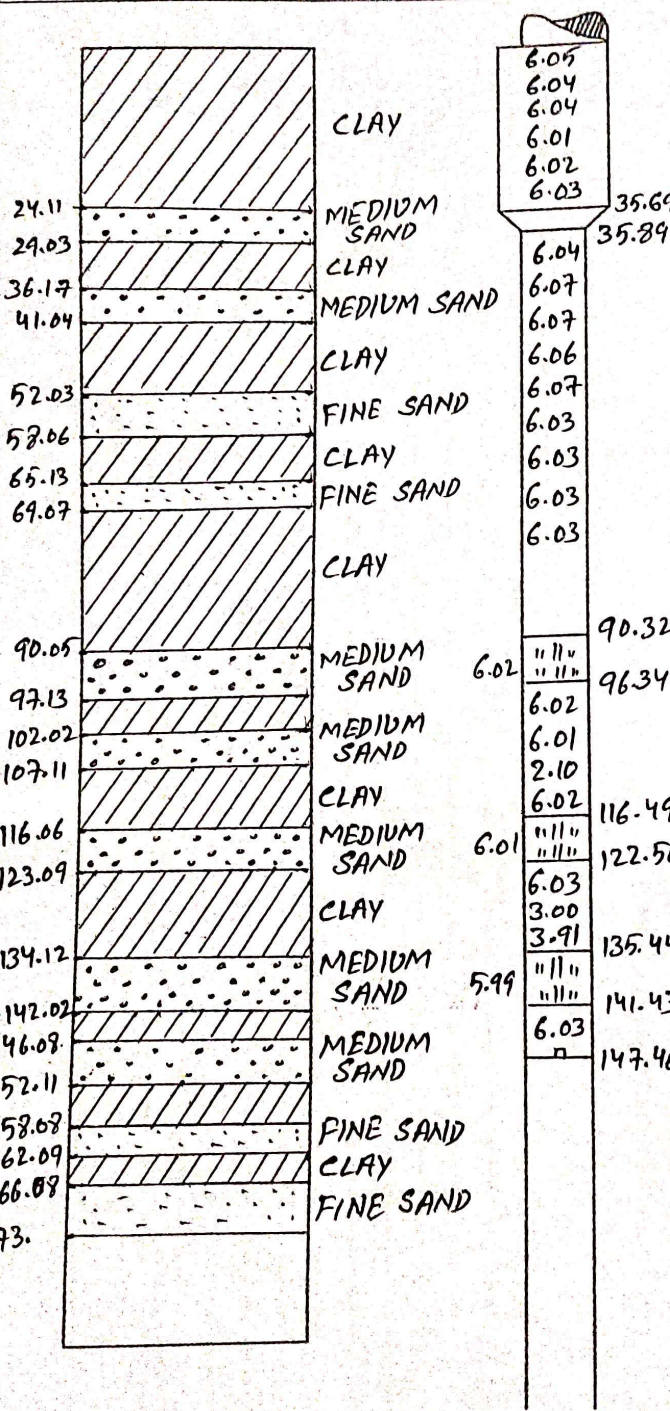
Block Name:- **KHESARAHA**

Scheme Name:- **TIKKUIYA**

Name of Activity:- **LOWERING OF TUBEWELL ASSEMBLY**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly
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ASSEMBLY DETAILS	
200 mm Dia housing pipe to	35.69 M
200 x150mm reducer from	35.69 M to 35.89 M
150mm dia plain pipe from	35.89 M to 90.32 M
150mm dia slotted pipe from	90.32 M to 96.34 M
150mm dia plain pipe from	96.34 M to 116.49 M
150mm dia slotted pipe from	116.49 M to 122.50 M
150mm dia plain pipe from	122.50 M to 135.44 M
150mm dia slotted pipe from	135.44 M to 141.43 M
150mm dia plain pipe from	141.43 M to 147.46 M
150mm dia slotted pipe from	M to M
150mm dia plain pipe from	M to M
150mm dia slotted pipe from	M to M
150mm dia plain pipe from	M to M



Total Assembly- 147.46 M+AGL 0.5= 147.96 M

ABSTRACT	
Date of Lowering-	
LPM-	
Drilling Depth-	M
Assembly Lowered-	147.96 M
Housing Pipe-	36.19 M
Plain Pipe-	93.55 M
Slotted Pipe-	18.02 M
Reducer-	0.20 M

LOGGING REPORT	
Date of Logging-	
Logging Depth-	
24 - 29 =	05
36 - 41 =	05
52 - 58 =	06
65 - 69 =	04
90 - 97 =	07
102 - 107 =	05
116 - 123 =	07
134 - 142 =	08
146 - 152 =	06
158 - 162 =	04
166 - 173 =	07



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TPI

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I.E.

सहायक अभियन्ता  
A.E.  
खण्ड कार्यालय (वि०/या०)  
उ० प्र० जल निगम (ग्रामीण)