

Name Of GP: **Bhainsahi**

BLOCK: **Haiser bazan**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS			
0	Soil	6.04	0.50 m GL	SL Lowering Date -	08/05/2023		
16	Sand + Kankar	6.04	XXX	1 Tubewell Discharge in LPM	350 LPM		
22	Clay	6.05	XXX	2 Drilling Depth	143m Di Dia - 550mm φ - 40m Di Dia - 500mm φ - 10.5m		
44		6.04		3 Tubewell Assembly Size -	200 X 150 mm φ		
70		6.05		Depth Logged -	Date of Logging -		
98		6.05		SI	Depth Range Mbgl	Thickness in Mtr.	Remarks.
116	Sand + Kankar	6.02	35.74	1	16 - 22	6	
132	H. Clay	0.20	35.94	2	44 - 70	26	All good
142		6.01	XXX	3	98 - 116	18	
143		6.01		4	132 - 142	10	
	6.01	5					
	M. Sand + Kankar	6.01		6			
	Clay	6.01		7			
		6.02		8			
		6.02		9			
		6.00					
	Sand + Kankar	6.00	102.06	Note:- All zones are intermixed with kankar.			
		6.02		ASSEMBLY DETAILS			
		6.00		200 mm Dia Housing Pipe A.G.L 0.50 m			
		6.00		200 mm Dia Housing Pipe B.G.L 35.74 m			
	H. Clay	6.00		200X150 mm Dia Reducer 35.74 m to 35.94 m			
		6.02		150 mm Dia Plain Pipe 35.94 to 102.06			
	Clay	6.00		150 mm Dia Slotted Pipe 102.06 to 114.07			
		6.02		150 mm Dia Plain Pipe 114.07 to 120.09			
		6.00		mm Dia Pipe to			
		6.02		mm Dia Pipe to			
		6.00		mm Dia Pipe to			
	Sand + Kankar	6.00		mm Dia Pipe to			
		6.01		mm Dia Pipe to			
		6.01		mm Dia Pipe to			
	H. Clay	6.00		mm Dia Pipe to			
		6.01		mm Dia Pipe to			
		6.02		mm Dia Pipe to			
	H. Clay	6.02		Total assembly- 120.09 Mtr. + A.G.L = 120.59 m			
		6.02		3- Proposed Assembly for lowering			
	H. Clay	6.02		(1) 300MM DIA MSERW HOUSING PIPE =			
		6.02		(2) 200MM DIA MSERW HOUSING PIPE = 36.24 m ✓			
	H. Clay	6.02		(3) 150MM DIA MSERW PLAIN PIPE = 72.14 m ✓			
		6.02		(4) 150MM MSERW SLOTTED PIPE = 12.01 m ✓			
	H. Clay	6.02		(5) 300/150 REDUCER =			
		6.02		(6) 200/150 REDUCER = 0.20 m			
	H. Clay	6.02		(7) 300MM DIA WELL CAP =			
		6.02		(8) 200MM DIA WELL CAP =			
	H. Clay	6.02		(9) 150MM DIA CENTRE GUIDE =			
		6.02		(10) MM DIA BORE DIGGING =			
	H. Clay	6.02		(11) MM DIA BORE DIGGING =			
		6.02		(11) Gravel Packing =			
Total Depth-	AGL+0.50M		+0.50	Total assembly-	120.59 m		
TOTAL Assembly -		120.59 m					

Meil (QC)

TPI (FICTNER)

CLIENT (SWSM/UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreelko@gmail.com

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

Ref. 505 - BH / AX - 2023

Date 05.05.2023

Geophysical Borehole Logging Report

Name of the site : Bhainsahi, Block – Hainsar Bazar

District : Sant Kabir Nagar

Date : 05.05.2023

Depth logged : 145.0 mbgl

Depth drilled : 145.0 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
1	16.0—22.0	6.0	Good all
2	44.0—70.0	26.0	
3	98.0—116.0	18.0	
4	132.0—142.0	10.0	

Note. All zones are intermixed with kankar.

*Verified as per
logs provided*

*G. Ch
06/05/23*

[Signature]

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad