

Name Of GP: **PASNARA**

BLOCK: **SANTHO**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.S.G.L	PROPOSED LOWERED ASSEMBLY		DPR DETAILS																																													
		0.50m GL XXX		SL Lowering Date - 03.11.2022 1 Tubewell Discharge in LPM 2 Drilling Depth 165 Dia- 550 -40, 150 Dia- 125 M 3 Tubewell Assembly Size - 200x150 M Depth Logged- Date of Logging - 31.10.2022																																												
23	Clay	6.02M		<table border="1"> <thead> <tr> <th>Sl</th> <th>Depth Range Mbgl</th> <th>Thickness in Mtr.</th> <th>Remarks.</th> </tr> </thead> <tbody> <tr><td>1</td><td>23-32</td><td>9</td><td></td></tr> <tr><td>2</td><td>37-65</td><td>8</td><td></td></tr> <tr><td>3</td><td>70-80</td><td>10</td><td></td></tr> <tr><td>4</td><td>82-86</td><td>4</td><td>All good</td></tr> <tr><td>5</td><td>99-103</td><td>4</td><td></td></tr> <tr><td>6</td><td>130-140</td><td>10</td><td></td></tr> <tr><td>7</td><td>154-158</td><td>4</td><td></td></tr> <tr><td>8</td><td>160-176</td><td>16</td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td></tr> </tbody> </table>	Sl	Depth Range Mbgl	Thickness in Mtr.	Remarks.	1	23-32	9		2	37-65	8		3	70-80	10		4	82-86	4	All good	5	99-103	4		6	130-140	10		7	154-158	4		8	160-176	16		9				10			
Sl	Depth Range Mbgl	Thickness in Mtr.	Remarks.																																													
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	Sand + FK	6.03M		ASSEMBLY DETAILS																																												
32		6.07M		200 mm Dia Housing Pipe A.G.L 0.50 M																																												
	Soil	6.10M	36.42m	200 mm Dia Housing Pipe B.G.L 35.92m																																												
57		6.13M		200x150 mm Dia Reducer 35.92m to 36.12m																																												
	Sand + FK	6.07M	35.92m	150 mm Dia Plain Pipe 36.12 to 77.25m																																												
65		0.20M	36.12m	150 mm Dia slotted Pipe 77.25 to 78.27m																																												
	Clay	6.04M		150 mm Dia Plain Pipe 78.27 to 130.50m																																												
70		6.02M	36.13m	150 mm Dia slotted Pipe 130.50 to 139.52m																																												
	M. Sand + FK	6.02M		150 mm Dia Plain Pipe 139.52 to 145.52m																																												
80		6.01M		mm Dia Pipe to																																												
	Soil	6.02M	72.25m	mm Dia Pipe to																																												
82		6.02M		mm Dia Pipe to																																												
	Sand + FK	6.02M	78.27m	mm Dia Pipe to																																												
86		6.00M		mm Dia Pipe to																																												
	M. Clay	6.01M		mm Dia Pipe to																																												
99		6.01M		mm Dia Pipe to																																												
	F. Sand	6.01M	52.23m	mm Dia Pipe to																																												
103		6.01M		mm Dia Pipe to																																												
	Soil	6.01M		mm Dia Pipe to																																												
130		6.03M		mm Dia Pipe to																																												
	C. Sand + FK	6.03M		mm Dia Pipe to																																												
140		6.03M		mm Dia Pipe to																																												
	Clay	4.10M	130.50m	mm Dia Pipe to																																												
154		6.02M		mm Dia Pipe to																																												
	Sand + FK	6.02M	6.02m	mm Dia Pipe to																																												
158		3.00M	139.52m	mm Dia Pipe to																																												
	Soil	3.00M		mm Dia Pipe to																																												
160		6.00M		mm Dia Pipe to																																												
	Sand + FK	6.00M	145.52m	mm Dia Pipe to																																												
165				mm Dia Pipe to																																												
Total Depth-		AGL+0.50M	70.50	Total assembly- 145.52 Mtr. + A.G.L = 146.02m																																												
TOTAL Assembly -				3- Proposed Assembly for lowering																																												
				(1) 300MM DIA MSERW HOUSING PIPE =																																												
				(2) 200MM DIA MSERW HOUSING PIPE = 36.42m																																												
				(3) 150MM DIA MSERW PLAIN PIPE = 94.36m																																												
				(4) 150MM MSERW SLOTTED PIPE = 15.04m																																												
				(5) 300/150 REDUCER =																																												
				(6) 200/150 REDUCER = 0.20 M																																												
				(7) 300MM DIA WELL CAP =																																												
				(8) 200MM DIA WELL CAP =																																												
				(9) 150MM DIA CENTRE GUIDE =																																												
				(10) MM DIA BORE DIGGING =																																												
				(11) MM DIA BORE DIGGING =																																												
				(11) Gravel Packing =																																												
TOTAL Assembly -			146.02m	Total assembly- 146.02m																																												
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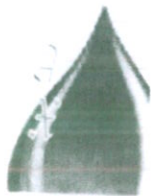
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JE (E/M)

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Aqua Xplore

(Groundwater Assessment & Allied Services)

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Mob 9918202546 / 9889323322, E mail aquaxploreko@gmail.com

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

Ref 1031 - P / AX - 2022

Date 31.10.2022

Geophysical Borehole Logging Report

Name of the site : Pasnara, Block - Santha

District : Sant Kabir Nagar

Date : 31.10.2022

Depth logged : 176.0 mbgl

Depth drilled : 182.0 mbgl - as reported

Logger use : UPTRON 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	23.0-32.0	9.0	Good all
2	57.0-65.0	8.0	
3	70.0-80.0	10.0	
4	82.0-86.0	4.0	
5	99.0-103.0	4.0	
6	130.0-140.0	10.0	
7	154.0-158.0	4.0	
8	160.0-176.0	16.0	

Note. All zones are intermixed with fine bands of kankar. Sl. No. 5 is fine sand.

Verified as per logs provided.
Note. Sr No 3 - may consider as 70-77 (7m).
Sr No 4 - have finer sediments.

[Signature]
for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

[Signature]
ASSISTANT HYDROGEOLOGIST
CIRCULAR OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
AJ