

ACTUAL ASSEMBLY AND STRATA CHART AS PER LOGGING REPORT
M/S VIKRAN ENGINEERING & EXIM PVT LTD VPRPL JV

Under Jal Jeevan Mission

Proposed Discharge from Pump

378 LPM

Name - Garha W/S Scheme ,Block-Thekma, District- Azamgarh

STRATA

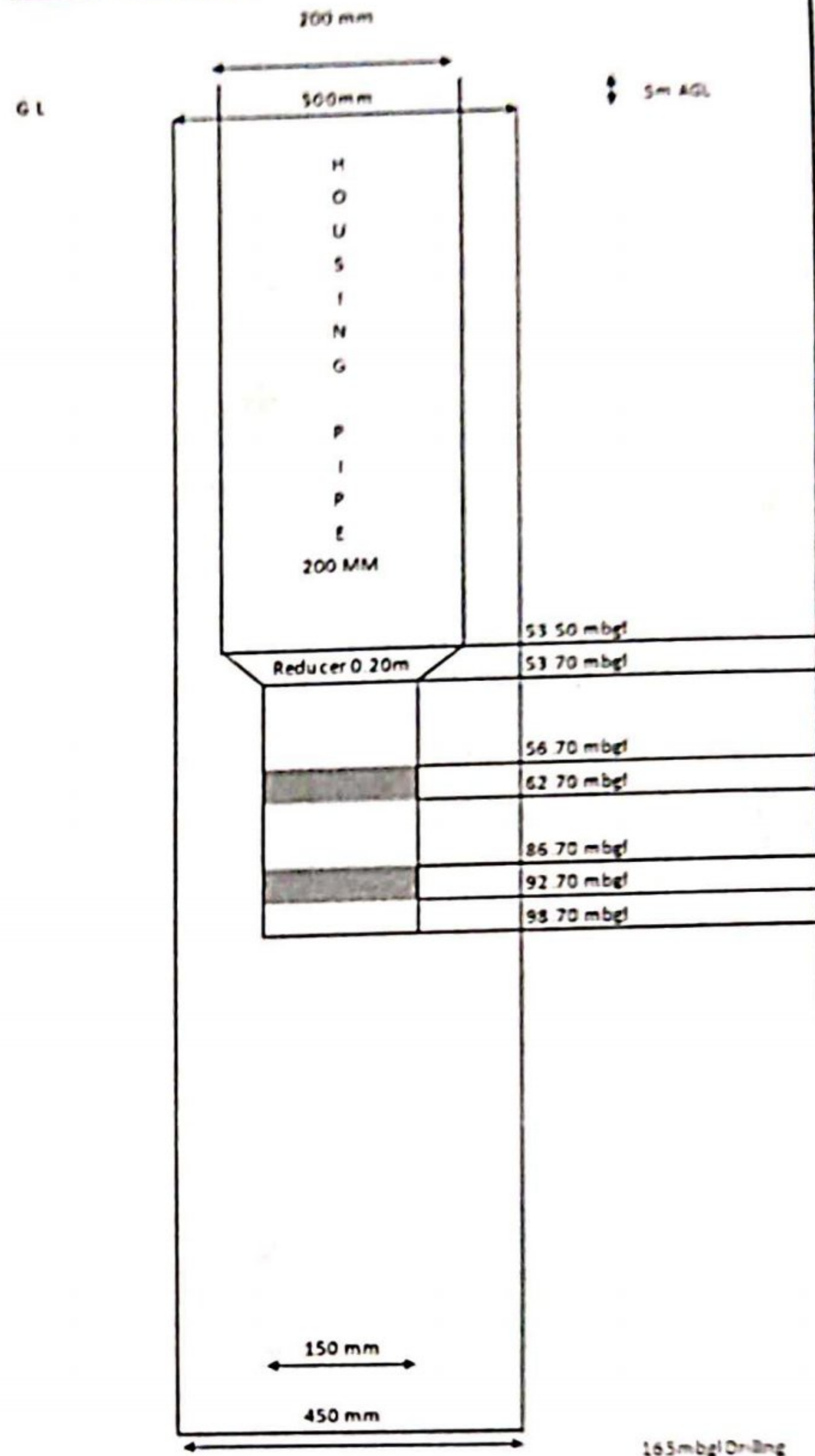
S.No	BGL in Meter		Formation
	From	To	
1	0 M	6 M	Surface Clay
2	6 M	30 M	Sandy Clay
3	30 M	54 M	Kankar Clay
4	54 M	96 M	Fine sand
5	96 M	165 M	Sandy Clay

Logging Report

S.No	Depth Range (in Meter)		Thickness in meter	Remark
	From	To		
1	22	40	18	Good All
2	56	63	7	
3	86	93	7	
4				
5				
6				
7				
8				
9				
10				
11				
12				

Details

S.No.	Discription	Depth in meter
1	Depth of Bore 450 mm (in m)	105
2	Depth of Bore 500 mm (in m)	60
3	Drilling depth	165
4	Date of lowering	
5	Housing pipe 200 MM (in m)	54
6	Plain pipe Pipe 150 MM (in m)	33
7	Slotted pipe Pipe 150 MM (in m)	12
8	Reducer 200x150 (in m)	0.20



M/S VIKRAN ENGINEERING & EXIM PVT LTD VPRPL JV
 Contractor

J.E.

T.P.I.

A.E.

E.E.



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 918 - G/ AX - 2023

Date 18.09.2023

Geophysical Borehole Logging Report

Name of the site : Garaha, Block – Thekma

District : Azamgarh

Date : 18.09.2023

Depth logged : 142.0 mbgl

Depth drilled : 165.0 mbgl – as reported Rmf-9.5 Ohm-m Rw-11.5 Ohm-m

Logger used : Robertson make

Presence : Representative of M/S Vikran Engineering & Exim Pvt. Ltd., Azamgarh

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—40.0	18.0	Good all
2	56.0—63.0	7.0	
3	86.0—93.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 102.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Vikran Engineering & Exim Pvt. Ltd., Azamgarh