

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

407 LPM

Name - Bhagwanpur 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	87 M	Fine sand
5	87 M	165 M	Sandy Clay

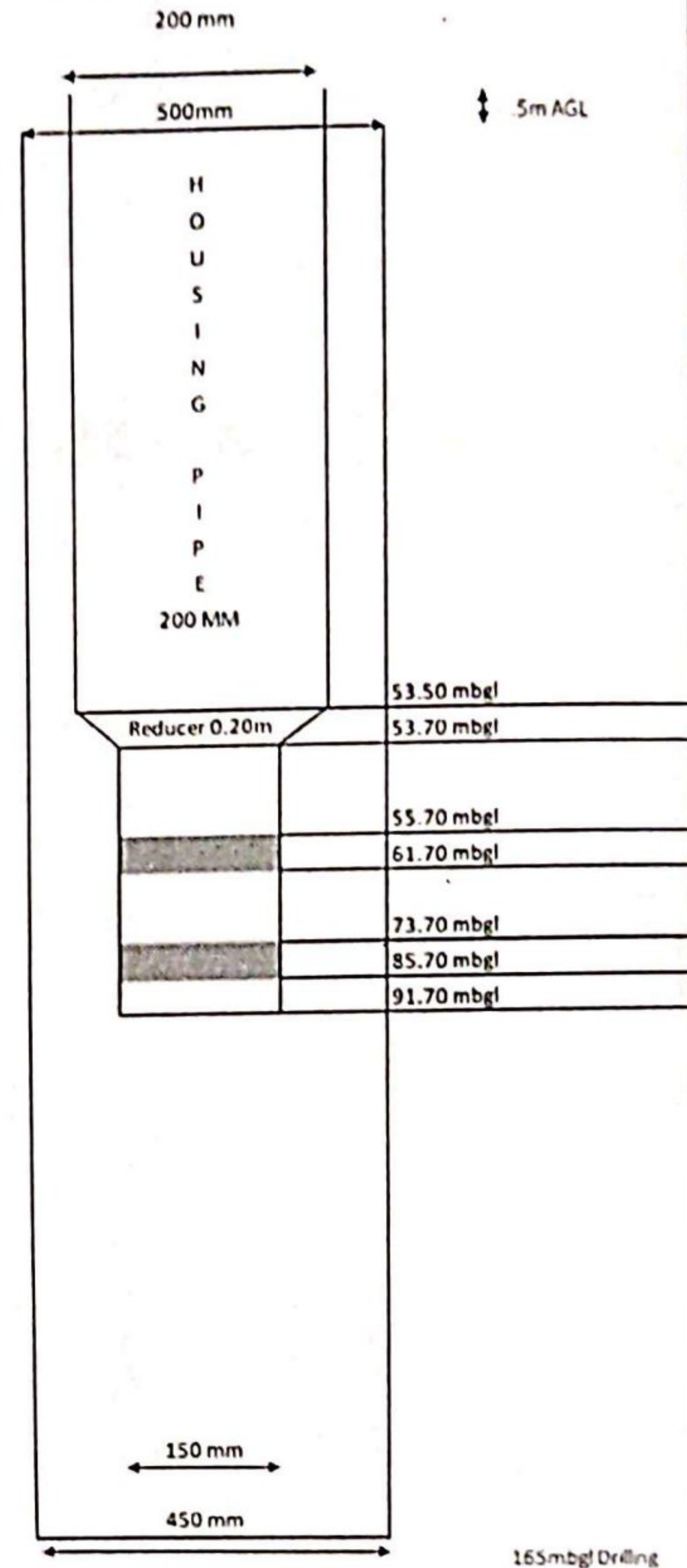
Logging Report

S.No	Depth Range(In Meter)		Thickness In meter	Remark
	From	To		
1	25	40	15	Good All
2	49	53	4	
3	55	62	7	
4	73	86	13	
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		
5	Housing pipe 200 MM (in m)	54
6	Plain pipe Pipe 150 MM (in m)	20
7	Slotted pipe Pipe 150 MM (in m)	18
8	Reducer 200x150 (in m)	0.20

G.L



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

J.E.

T.P.J.

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 1001 - B / AX - 2023

Date 01.10.2023

Geophysical Borehole Logging Report

Name of the site : Bhagwanpur, Block – Thekma

District : Azamgarh

Date : 01.10.2023

Depth logged : 160.0 mbgl

Depth drilled : 165.0 mbgl – as reported, Rmf- 9.5 Ohm-m, Rw-12.0 ohm -m

Logger used : UPTRON 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	25.0—40.0	15.0	Good all
2	49.0—53.0	4.0	
3	55.0—62.0	7.0	
4	73.0—86.0	13.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 92.0 mbgl till depth logged.

for Aqua Xplore

CC;

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