

Name Of GP: *Bargadawa mafi*

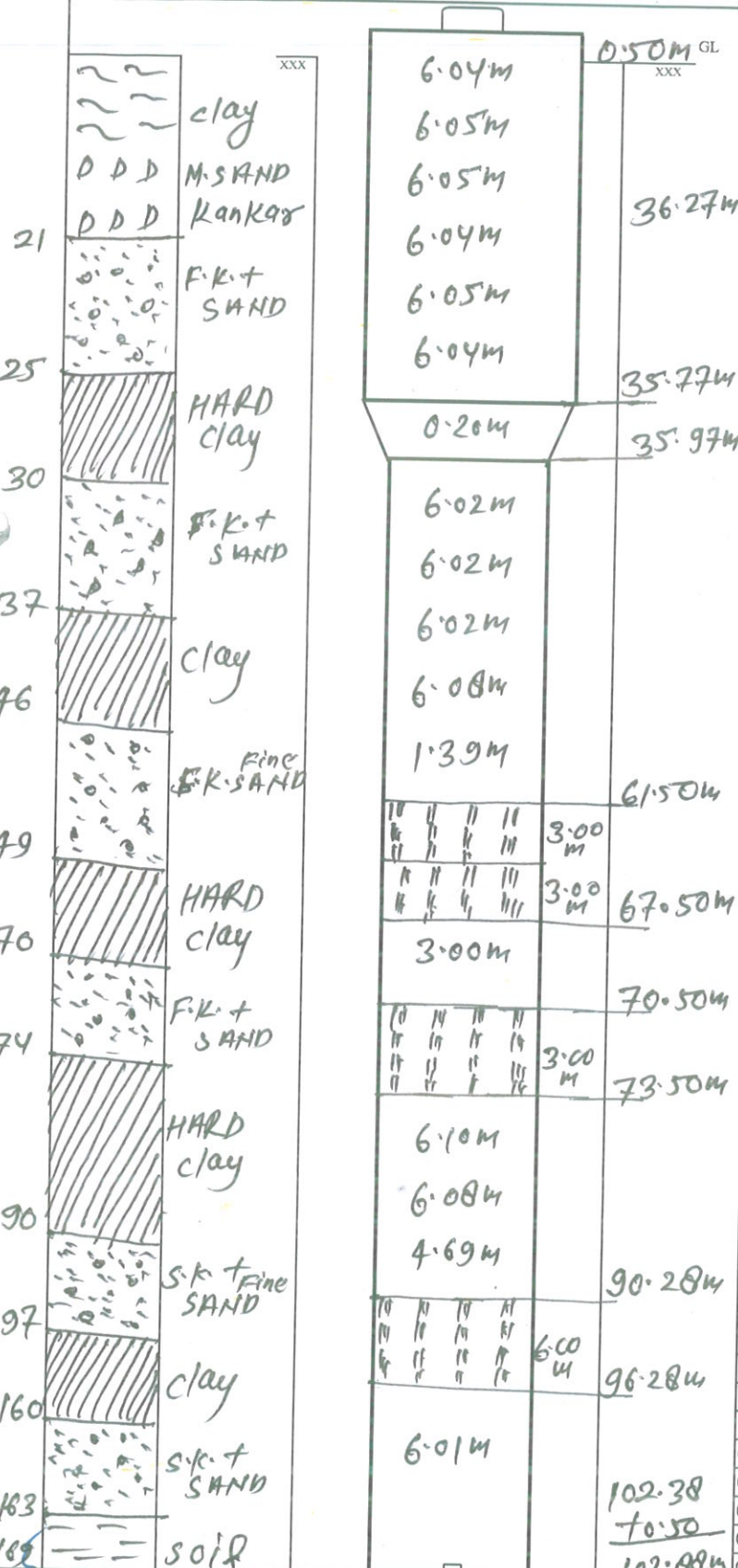
BLOCK: *SANTHA*

DIST. - Sant Kabir Nagar

DEPTH OF STRATA
M.B.G.L

PROPOSED LOWERED ASSEMBLY

DPR DETAILS



SL	Lowering Date - <i>26/11/2022</i>		
1	Tubewell Discharge in LPM		
2	Drilling Depth <i>169</i> Di Dia- <i>550-40,500</i> Dia- <i>125</i>		
3	Tubewell Assembly Size - <i>200x150mm</i>		
Depth Logged-			
Date of Logging - <i>24/11/2022</i>			
SI	Depth Range Mbgf	Thickness in Mtr.	Remarks.
1	<i>21 - 25</i>	<i>4</i>	
2	<i>30 - 37</i>	<i>7</i>	
3	<i>46 - 49</i>	<i>3</i>	
4	<i>70 - 74</i>	<i>4</i>	
5	<i>90 - 97</i>	<i>7</i>	
6	<i>160 - 163</i>	<i>3</i>	<i>All good</i>
7			
8			
9			

Note:- *Fine of kankar intermixed with all zone. SI No. 3 soil*
SI No. 7 Fine sand with kankar

ASSEMBLY DETAILS

200 mm Dia Housing Pipe A.G.L. <i>0.50m</i>	
200 mm Dia Housing Pipe B.G.L. <i>35.77m</i>	
200x150 mm Dia Reducer	<i>35.77m</i> to <i>35.97m</i>
150 mm Dia plain Pipe	<i>35.97</i> to <i>61.50m</i>
150 mm Dia slotted Pipe	<i>61.50</i> to <i>67.50m</i>
150 mm Dia plain Pipe	<i>67.50</i> to <i>70.50m</i>
150 mm Dia slotted Pipe	<i>70.50</i> to <i>73.50m</i>
150 mm Dia plain Pipe	<i>73.50</i> to <i>90.28m</i>
150 mm Dia slotted Pipe	<i>90.28</i> to <i>96.28m</i>
150 mm Dia plain Pipe	<i>96.28</i> to <i>102.38</i>
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to

Total assembly- *102.38* Mtr. + A.G.L. = *102.88m*

3- Proposed Assembly for lowering	
(1) 300MM DIA MSERW HOUSING PIPE =	
(2) 200MM DIA MSERW HOUSING PIPE =	<i>36.27m</i>
(3) 150MM DIA MSERW PLAIN PIPE =	<i>51.41m</i>
(4) 150MM MSERW SLOTTED PIPE =	<i>15.00m</i>
(5) 300/150 REDUCER =	
(6) 200/150 REDUCER =	<i>0.20m</i>
(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- *102.88m*

Total Depth-

TOTAL Assembly - *AGL+0.50M*

MEIL (QC)

TPI (FICHTNER)

CLIENT(SWSM/UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 778

Dated: 25-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bargadwa Maffi**
Block: **Satha**
District: **Sant Kabir Nagar**
State: **Uttar Pradesh**
Drilling Depth: **165.0 m bgl**
Logging Depth: **165.0 m bgl**
Date of logging: **24-11-2022**
Rm - **15.0 Ωm** Rw - **26.0 Ωm**

Borehole Drilled by: **M/S MEIL, Sant Kabir Nagar, Uttar Pradesh.**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	21 - 25	04	Good
2.	30 - 37	07	Good
3.	46 - 49	03	Good
4.	61 - 68	07	Good
5.	70 - 74	04	Good
6.	90 - 97	07	Good
7.	160 - 163	03	Good


Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No 3 is fine sand in Nature.

3. Zone Sl. No 7 is Fine Sand and intermixed with Kankar.

4. No Granular zone encountered below 97.0 to 160.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)