

Name Of GP: **Majha Kharagpur**

BLOCK: **Pauli**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L	PROPOSED LOWERED ASSEMBLY	DPR DETAILS
0	Soil 6.42m XXX	5L Lowering Date - 01.02.2022
20	Sand + FK 6.42m XXX	1 Tubewell Discharge in LPM 650 LPM
27	H. Clay 6.44m 38.62m	2 Drilling Depth 132m Dia- Dia-
40	Sand + FK 6.42m 38.12m	3 Tubewell Assembly Size - 300X150 φ mm
44	Clay 6.50m 38.32m	Depth Logged- Date of Logging -
83	M. Sand + HK 6.03m 45.11m	SI Depth Range MbgI Thickness in Mtr. Remarks.
90	Clay 6.01m 83.43m	1 20-27 07
96	M. Sand + HK 6.01m 89.45m	2 40-44 04
100	H. Clay 6.00m 99.45m	3 83-90 07
107	M. Sand + HK 6.00m 109.46m	4 96-100 04 All good
114	Clay 6.05m 112.46m	5 107-114 07
118	M. Sand + HK 3.00m 118.49m	6 118-130 12
130	Clay 6.03m 127.49m	7
132	H. Clay 6.01m 133.50m	8
137	SANDY CLAY 6.01m 134.00m	9

SI	Depth Range MbgI	Thickness in Mtr.	Remarks.
1	20-27	07	
2	40-44	04	
3	83-90	07	
4	96-100	04	All good
5	107-114	07	
6	118-130	12	
7			
8			
9			

Note:-

ASSEMBLY DETAILS

300 mm Dia Housing Pipe A.G.L. 0.50m

300 mm Dia Housing Pipe B.G.L. 38.12m

300x150 mm Dia Reducer 38.12m to 38.32m

150 mm Dia Plain Pipe 38.32 to 83.43m

150 mm Dia Slotted Pipe 83.43 to 89.45m

150 mm Dia Plain Pipe 89.45 to 96.45m

150 mm Dia Slotted Pipe 96.45 to 99.45m

150 mm Dia Plain Pipe 99.45 to 109.46m

150 mm Dia Slotted Pipe 109.46 to 112.46m

150 mm Dia Plain Pipe 112.46 to 118.49m

150 mm Dia Slotted Pipe 118.49 to 127.49m

150 mm Dia Plain Pipe 127.49 to 133.50m

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 - 133.50 Mtr. + A.G.L. = 134.00m

3- Proposed Assembly for lowering

(1) 300MM DIA MSERW HOUSING PIPE = 38.62m ✓

(2) 200MM DIA MSERW HOUSING PIPE =

(3) 150MM DIA MSERW PLAIN PIPE = 74.16m 74.16m ✓

(4) 150MM MSERW SLOTTED PIPE = 74.16 21.82m ✓

(5) 300/150 REDUCER = 0.20m ✓

(6) 200/150 REDUCER =

(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 - 134.00m

Total Depth-
[Signature]
MEIL (QC)

TOTAL Assembly -
[Signature]
TPI (FICHTNER)

AGL+0.50M
134.00
[Signature]
JE CLIENT(SWSM/UPJN)



Aqua Xplore

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

Ref. 125 - M / AX - 2023

Date 25.01.2023

Geophysical Borehole Logging Report

Name of the site : Majha Kharagpur, Block - Semariyawan *PAULI*

District : Sant Kabir Nagar

Date : 25.01.2023

Depth logged : ~~132.0~~ mbgl

Depth drilled : 135.0 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	20.0-27.0	7.0	Good all
2	40.0-44.0	4.0	
3	83.0-90.0	7.0	
4	96.0-100.0	4.0	
5	107.0-114.0	7.0	
6	118.0-130.0	12.0	

Note. Sl. Nos. 1 & 2 are intermixed with fine bands of kankar. Sl. Nos. 3 to 6 are highly kankar intermixed.

verified as per logs provided.

Note - Sr No 5 - 109-113 (4m)

[Signature]
for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

G.Sh
26/01/23