

Name Of GP: *Durgjot TW-2*

 BLOCK: *Mehdawal*

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L.	PROPOSED LOWERED ASSEMBLY	DPR DETAILS
0	6.15 ^{XXX}	SL Lowering Date - 21/05/2023 1 Tubewell Discharge in LPM 550 LPM 2 Drilling Depth 176 m Di Dia- 550 mm ϕ - 40 m Di Dia- 500 mm ϕ - 136 m 3 Tubewell Assembly Size - 200 X 150 mm ϕ
26	6.05 ^{XXX}	Depth Logged- Date of Logging- SI Depth Range Mgl Thickness in Mtr. Remarks. 1 26 - 33 7 2 44 - 66 22 <i>All good</i> 3 74 - 81 7 4 84 - 88 4 5 93 - 97 4 6 128 - 138 10 7 8 9
33	6.04	Note:- <i>All Zones are intermixed with kankar</i> ASSEMBLY DETAILS 200 mm Dia Housing Pipe A.G.L. 0.50 m 200 mm Dia Housing Pipe B.G.L. 35.87 m 200X150 mm Dia Reducer 35.87 m to 36.07 m 150 mm Dia Plain Pipe 36.07 to 74.5 m 150 mm Dia Slotted Pipe 74.5 to 80.5 m 150 mm Dia Plain Pipe 80.5 to 93.51 m 150 mm Dia Slotted Pipe 93.51 to 96.51 m 150 mm Dia Plain Pipe 96.51 to 128.59 m 150 mm Dia Slotted Pipe 128.59 to 137.6 m 150 mm Dia Plain Pipe 137.6 to 143.61 m 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
44	6.04	
66	0.20	
74	6.03	Total assembly- 143.61 Mtr. + A.G.L = 144.11 m 3- Proposed Assembly for lowering (1) 300MM DIA MSRW HOUSING PIPE = (2) 200MM DIA MSRW HOUSING PIPE = 36.37 m ✓ (3) 150MM DIA MSRW PLAIN PIPE = 89.53 m ✓ (4) 150MM MSRW SLOTTED PIPE = 18.01 m ✓ (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 = (12) Gravel Packing =
81	6.02	TOTAL Assembly - 144.11 m
84	6.01	
88	6.02	
93	3.00	Total assembly- 144.11 m
97	6.01	
128	2.00	TOTAL Assembly - 144.11 m
138	6.01	
176	AGL+0.50M +0.50M	TOTAL Assembly - 144.11 m Total Depth-

Jankar
MEIL (QC)

Nikhil
TPI (FICHTNER)

[Signature]
CLIENT(SWSM/UPJN)



Aqua Xplore

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

Ref. 517 - D / AX - 2023

Date 17.05.2023

Geophysical Borehole Logging Report

Name of the site : Durgjot T/W-2, Block - Jogia Khas

District : Sant Kabir Nagar

Date : 17.05.2023

Depth logged : 174.0 mbgl

Depth drilled : 176.0 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	26.0-33.0	7.0	Good all
2	44.0-66.0	22.0	
3	74.0-81.0	7.0	
4	84.0-88.0	4.0	
5	93.0-97.0	4.0	
6	128.0-138.0	10.0	

Note. All zones are intermixed with kankar. Sl.No.2 is highly kankar intermixed.

Verified as per logs provided

for Aqua Xplore

Note - Sl.No 2-44-48 (4m)

and 60-66 (6m)

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

18/05/23