

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF BADAHARA MEER (CH.B.D.W.) DISTRICT MAHARAJGANT
 TYPE OF RIG M/C. R.C. 600/27 SIZE OF BORE 550/500 mm
 STATIC WATER LEVEL 3.25M NAME OF FIRM M/S. R.N. RAJ ENGS. GORAKHPUR.
 J.E. Incharge S.K. SINGH A.E. Incharge R.P. RAI

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.0			AGL. 0.50m	
6.50		SURFACE CLAY		200 m.m. Dia Housing Pipe to 29.51 m
15.56		V.F. SAND		200/150 m.m. Dia Reducer 29.51 to 29.71 m
24.40		SANDY CLAY		150 m.m. Dia BLIND Pipe 29.71 to 65.95 m
		F. SAND	29.51	150 m.m. Dia SLOTTED Pipe 65.95 to 83.90 m
40.20		CLAY	29.71	150 m.m. Dia BLIND Pipe 83.90 to 90.02 m
43.10		V.F. SAND		150 m.m. Dia SLOTTED Pipe 90.02 to 96.03 m
48.80		SANDY CLAY		150 m.m. Dia BLIND Pipe 96.03 to 102.07 m
62.30				m.m. Dia Pipe to m
		F.T.O.M. SAND	65.95	m.m. Dia Pipe to m
86.10		CLAY KANKAR	83.90	m.m. Dia Pipe to m
88.15		M. SAND	90.02	m.m. Dia Pipe to m
97.80		CLAY	96.03	m.m. Dia Pipe to m
			102.07	m.m. Dia Pipe to m
132.00			BAIL PLUG	

Total Assembly $102.07 + AGL. 0.50 m$
 $= 102.57 m$

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 24.07.018
- 3- Drilling Depth 132.00 m
- 4- Assembly Lowered 162.57 m
- 5- Housing Pipe 30.01 m
- 6- Blind Pipe 40.32 m
- 7- Slotted Pipe 24.04 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-

(S.K. SINGH) (R.P. RAI) (ADARSH VERMA)
 J.E. A.E. E.E.

YIELD TEST REPORT BY 250 P.S.I. COMPRESSOR

Date of Test 3.08.018 Static W/L 3.05 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS										REM- ARKS
INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min			
8.00	1560	7.20	6.90	0.3	3.00	1800	1200	1000	750	500				
8.50	1800	8.30	7.80	0.4	4.00	2400	1800	1000	850	600				
9.00	2044	9.80	9.30	0.5	5.00	3600	2200	1300	900	600				

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 10.8.018 Static W/L 3.00 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE.	SAND CONTENTS										REM- ARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min					
1300	6.95	3.00	3.95	200	150	100	50	TR.						
1100	6.75	3.00	3.75	150	100	50	TR.	TR.						
1000	6.70	3.00	3.70	100	50	TR.	CL.	CL.						
900	6.50	3.00	3.50	50	TR.	CL.	CL.	CL.						
750	6.50	3.00	3.50	TR.	CL.	CL.	CL.	CL.						

RECOMMENDED DISCHARGE 750 LPM AFT. 5 MIN. RUNNING BY PASS

(S.K. SINGH) (R.P. RAI) (ADARSH VERMA) (DHIRAJ KUMAR) (R.P. RAI) (ADARSH VERMA)
 J.E. A.E. E.E. J.E. A.E. E.E.

CHEMICAL TEST REPORT OF WATER SAMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
गंध		Agreeable	Agreeable	IS:3025 (Part 5)	Agreeable
आयसन	ppm	1.0	1.0	IS:3025 (Part 53)	0.09
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.35
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.647
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	138
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	140
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	6.09
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.4
गंधापन	NTU	1	5	IS:3025 (Part 10)	2.91
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	241

J.E

A.E.

Executive Engineer