

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

COMPLETION PLAN OF KARAMAHA T.W. NO. 2 DISTRICT MAHARAJ GANJ
 TYPE OF RIG/M/C R.C.G.O./27 SIZE OF BORE 67.5/550 mm
 STATIC WATER LEVEL..... NAME OF FIRM M/S. R.N. RAI ENGG.
 J.E. Incharge NANDU PRASAD A.E. Incharge M.N. MAURYA

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M- 300		SURFACE CLAY M. SAND	0.50 AGL	300 m.m. Dia Housing Pipe to 29.82 m 300/200 m.m. Dia Reducer 29.82 to 30.02 m 200 m.m. Dia BLIND Pipe 30.02 to 39.52 m 200 m.m. Dia SLOTTED Pipe 39.52 to 51.57 m 200 m.m. Dia BLIND Pipe 51.57 to 57.58 m 200 m.m. Dia SLOTTED Pipe 57.58 to 63.59 m 200 m.m. Dia BLIND Pipe 63.59 to 77.22 m 200 m.m. Dia SLOTTED Pipe 77.22 to 89.25 m 200 m.m. Dia BLIND Pipe 89.25 to 95.27 m 63.59 m.m. Dia Pipe to m m.m. Dia Pipe to m
22.86 32.01		CLAY KANKAR	29.82 30.02 39.52	
		M. SAND	51.57 57.58 63.59 77.22	
89.25		CLAY KANKAR	89.25 95.27	
114.32 120.42		SANDY CLAY		
152.00		CLAY KANKAR		

Total Assembly $95.27 + AGL 0.50$
 $= 95.77m$

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 22.07.016
- 3- Drilling Depth 152.00 m
- 4- Assembly Lowered 95.77 m
- 5- Housing Pipe 30.82 m
- 6- Blind Pipe 35.16 m
- 7- Slotted Pipe 30.09 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 35-52M = 17M.
- 2- 57-64M = 7M.
- 3- 66-70M = 4M.
- 4- 75-90M = 15M.
- 5- 94-98M = 4M.
- 6- 105-115M = 10M.
- 7- 120-135M = 15M.
- 8- SN. 5707 ARE V. FINE SAND INTER MIXED WITH KANKAR

(NANDU PRASAD) (M.N. MAURYA) (V.N. RAI)
 J.E. A.E. E.E.

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

Date of Test 29.8.016 Static W/L 1.20 Taste of Water SWEET

DISCHARGE		ST.PR.	RU.PR.	DEPRE.		SAND CONTENTS						REM- ARKS
INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min	
9.00	2107	4.90	4.50	0.4	4.00	3200	2000	1600	800	600		
9.50	2406	6.40	5.90	0.5	5.00	3600	2600	1800	1000	700		
10.00	2740	8.90	8.40	0.5	5.00	3800	2700	2000	1200	800		

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 15.12.016 Static W/L 4.30 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	
2500	8.30	4.30	4.00	250	150	50	TR.	TR.		
2100	7.90	4.30	3.60	150	100	50	TR.	TR.		
1800	7.40	4.30	3.10	50	TR.	TR.	CL.	CL.		
1500	7.00	4.30	2.70	TR.	CL.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 1500 LPM AFT. 5 MIN RUNNING BY PASS

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(NANDU PRASAD) (M.N. MAURYA) (V.N. RAI) (A.K. MAURYA) (M.N. MAURYA) (V.N. RAI)
 J.E. A.E. E.E. J.E. A.E. E.E.

CHEMICHEL TEST REPORT OF WATER SIMPLE

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)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	
अवशेष कलोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	
सल्फेट	ppm	200	400	IS:3025 (Part 24)	
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	
गंदापन	NTU	1	5	IS:3025 (Part 10)	
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	

J.E

A.E.

Executive Engineer