

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

COMPLETION PLAN OF PAKARI ARAZI DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 550/150 mm
 STATIC WATER LEVEL 4.30M NAME OF FIRM M/S. INDAL KUMAR, SANT KABIR NAGAR
 J.E. Incharge S.K. BIND A.E. Incharge B. BABBAN YADAV

DEPTH R.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		CLAY	0.60 to 0.50M	200 m.m. Dia Housing Pipe _____ to 36.10 m
13.00		F.SAND		200/150m.m. Dia Reducer _____ 36.10 to 36.30 m
18.45		CLAY		150 m.m. Dia BLIND Pipe 36.30 to 52.45 m
19.00		F.SAND		150 m.m. Dia SLOTTED Pipe 52.45 to 61.48 m
27.50		CLAY		150 m.m. Dia BLIND Pipe 61.48 to 68.59 m
37.80		E.TOM. SAND	36.10	150 m.m. Dia SLOTTED Pipe 68.59 to 71.54 m
43.00		CLAY	36.30	150 m.m. Dia BLIND Pipe 71.54 to 102.18 m
48.40		M.SAND		150 m.m. Dia SLOTTED Pipe 102.18 to 119.31 m
63.00		CLAY		150 m.m. Dia BLIND Pipe 119.31 to 125.34 m
67.51		M.S. + KANKAR	52.45	_____ m.m. Dia _____ Pipe _____ to _____ m
76.00		CLAY	61.48	_____ m.m. Dia _____ Pipe _____ to _____ m
81.00		V.F. SAND + KANKAR	68.59	_____ m.m. Dia _____ Pipe _____ to _____ m
87.00		CLAY	71.54	_____ m.m. Dia _____ Pipe _____ to _____ m
98.50		M.SAND		Total Assembly 125.34 + A.G.L. 0.50 = 125.84
123.00		CLAY	102.18	
138.00		CLAY	119.31	
			125.34	

(S.K. BIND) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E.

ABSTRACT

- 1- Drilling Started _____
- 2- Drilling Completed/Lowering _____ 22.05.019
- 3- Drilling Depth _____ 138.00 m
- 4- Assembly Lowered _____ 125.84 m
- 5- Housing Pipe _____ 36.60 m
- 6- Blind Pipe _____ 59.93 m
- 7- Slotted Pipe _____ 29.11 m
- 8- Reducer _____ 0.20 m

LOGGING REPORT

- 1- 14 - 18M = 4M
- 2- 20 - 26M = 6M
- 3- 38 - 42M = 4M
- 4- 49 - 62M = 13M
- 5- 68 - 75M = 7M
- 6- 82 - 86M = 4M
- 7- 100 - 120M = 20M
- 8- _____

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

Date of Test 24.6.09 Static W/L 3.30 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS		
INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min	
8.00	1578	6.00	5.50	0.50	5.00	3200	2000	1400	1000	500		
8.50	1831	7.20	6.60	0.60	6.00	3800	2200	1600	1200	600		
9.00	2109	11.10	10.40	0.70	7.00	4400	2400	1900	1400	800		
9.50	2461	12.00	11.20	0.80	8.00	4600	2600	2200	1500	1000		

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 30.6.09 Static W/L 5.80 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min	
1607	10.40	5.60	4.80	200	100	50	TR.	CL.		
871	10.20	5.60	4.60	100	50	TR.	CL.	CL.		
108	10.00	5.60	4.40	50	TR.	CL.	CL.	CL.		
613	9.80	5.60	4.20	TR.	CL.	CL.	CL.	CL.		


RECOMMENDED DISCHARGE 600 LPM AFT. 5 MIN RUNNING BY PASS

(S.K. BIND) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E. (S.K. BIND) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) 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
		Agreeable	Agreeable		
गंध				IS:3025 (Part 5)	
आयरण	ppm	1.0	1.0	IS:3025 (Part 53)	Agreeable
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.31
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	1.14
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	0.630
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	40
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	255
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	120
सल्फेट	ppm	200	400	IS:3025 (Part 24)	0
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	14.42
गंदापन	NTU	1	5	IS:3025 (Part 10)	7.6
महत्वपूर्ण क्लोरोस	ppm	200	600	IS:3025 (Part 21)	2.43
					160


J.E


A.E.


Executive Engineer