

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

COMPLETION PLAN OF... KHAZURI (W. BANK) BLOCK - SATHA DISTRICT SANKARIPHAR
 TYPE OF RIG M/C... R.S.G.OO/27 SIZE OF BORE... 675/500 mm
 STATIC WATER LEVEL... NAME OF FIRM... M/s. AJAY KUMAR SHARMA & CO. P.
 J.E. Incharge... NANDU PRASAD A.E. Incharge... GABBAH YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS	
				ASSEMBLY	DETAILS
0.00		SURFACE CLAY	A.G.L. 0.50m		
3.04		CLAY		300 m.m. Dia Housing Pipe	to 36.17 m
17.00		F. SAND		300/150 m.m. Dia Reducer	36.17 to 36.37 m
17.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 36.37 to 55.56 m
23.00		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 55.56 to 61.60 m
28.00		CLAY		150 m.m. Dia BLIND	Pipe 61.60 to 67.54 m
32.00		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 67.54 to 73.64 m
42.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 73.64 to 80.50 m
42.00		F. SAND		150 m.m. Dia SLOTTED	Pipe 80.50 to 86.55 m
45.00		CAVING CLAY		150 m.m. Dia BLIND	Pipe 86.55 to 95.50 m
55.00		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 95.50 to 98.57 m
62.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 98.57 to 111.60 m
67.00		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 111.60 to 114.74 m
75.00		CLAY + KANKAR		150 BLIND	114.74 - 121.51
80.00		F.S. + M. SAND		150 SLOTTED	121.51 - 125.51
87.00		CLAY + KANKAR		150 BLIND	125.51 - 129.14
95.00		F.S. + M. SAND			129.14 + A.G.L. 0.50 = 129.54 m
99.00		SANDY CLAY			
101.00		V.F. SAND			
105.00		CLAY + KANKAR			
109.00		F.S. + KANKAR			
118.00		SANDY CLAY			
121.00		F.S. + M. SAND			
132.00		CLAY			
145.00					

(NANDU PRASAD) J.E. (GABBAH YADAV) A.E. (ADARSH VERMA) E.E.

ABSTRACT

1- Drilling Started 10.01.019
 2- Drilling Completed/Lowering 5.02.019
 3- Drilling Depth 145.00 m
 4- Assembly Lowered 129.54 m
 5- Housing Pipe 36.57 m
 6- Blind Pipe 64.37 m
 7- Slotted Pipe 28.40 m
 8- Reducer 0.20 m

LOGGING REPORT

1. 14 - 17 M = 3 M.
 2. 23 - 27 M = 4 M.
 3. 30 - 40 M = 10 M.
 4. 42 - 45 M = 3 M.
 5. 55 - 62 M = 7 M.
 6. 67 - 75 M = 8 M.
 7. 80 - 87 M = 7 M.
 8. 95 - 99 M = 4 M.
 9. 101 - 105 M = 4 M.
 10. 109 - 118 M = 9 M.
 11. 121 - 129 M = 8 M.

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

Date of Test 5.03.019 Static W/L 6.4 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS		
				Start	5 min	10 min	15 min	20 min		25 min	
8.00	1578	6.00	5.50	0.50	5.00	3200	2000	1200	800	400	
8.50	1831	8.70	8.10	0.60	6.00	3600	2400	1500	1000	600	
9.00	2109	10.00	9.30	0.70	7.00	4000	2600	1800	1200	800	
9.50	2604	12.60	11.80	0.80	8.00	4800	3000	2000	1400	1000	

YIELD TEST REPORT BY O.P. UNIT

Date of Test 14.05.019 Static W/L 6.50 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS
				Start	5 min	10 min	15 min	20 min	
1499	12.00	6.50	5.50	300	150	100	50	TR.	
1419	11.65	6.50	5.15	250	100	50	TR.	CL.	
1202	11.10	6.50	4.60	150	50	TR.	CL.	CL.	
920	10.60	6.50	4.10	50	TR.	CL.	CL.	CL.	

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


RECOMMENDED DISCHARGE 900 LPM @ 10m RUNNING BY PASS

(NANDU PRASAD) J.E. (GABBAH YADAV) A.E. (ADARSH VERMA) E.E. (NANDU PRASAD) J.E. (GABBAH 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)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.46
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	1.86
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.743
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टोटल डीएसओ	ppm	500	2000	IS:3025 (Part 16)	203
एल्कैलिटी	ppm	200	600	IS:3025 (Part 23)	160
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	13.45
पी.एच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.30
गंधापन	NTU	1	5	IS:3025 (Part 10)	2.68
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	200


J.E.


A.E.


Executive Engineer