

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

COMPLETION PLAN OF... GONANA (BLOCK - PAHLARA)

DISTRICT..MAHARAJ GANJ

TYPE OF RIG M/C..... R.C. 600/27

SIZE OF BORE..... 67.5/50.0mm

STATIC WATER LEVEL... 40.6.0

NAME OF FIRM.....DEPARTMENTAL

J.E. Incharge...O. P. MAURYA

A.E. Incharge...VINOD KUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M			AGL 0.50M	
4.57		CLAY		300 m.m. Dia Housing Pipe _____ to 35.41 m
		F.TOM.S., SANDSTONE.		300/150 m.m. Dia Reducer _____ 35.41 to 35.61 m
18.29				150 m.m. Dia BLIND Pipe 35.61 to 47.65 m
22.25		CLAY KANKAR		150 m.m. Dia SLOTTED Pipe 47.65 to 53.69 m
		F.TOM.S., SANDSTONE		150 m.m. Dia BLIND Pipe 53.69 to 93.50 m
35.36			35.41	150 m.m. Dia SLOTTED Pipe 93.50 to 105.48 m
41.15		CLAY KANKAR	35.61	150 m.m. Dia BLIND Pipe 105.48 to 107.28 m
45.75		F.TOM.S., SANDSTONE		150 m.m. Dia SLOTTED Pipe 107.28 to 119.29 m
47.25		CLAY KANKAR	47.65	150 m.m. Dia BLIND Pipe 119.29 to 125.28 m
54.88		F.TOM.S., SANDSTONE	53.29	m.m. Dia _____ Pipe _____ to _____ m
		CAVING CLAY		m.m. Dia _____ Pipe _____ to _____ m
61.07				m.m. Dia _____ Pipe _____ to _____ m
71.64		F.SAND		Total Assembly 125.28 + AGL 0.50 m
		CAVING CLAY		= 125.78 m.
80.79		F.SAND.		
82.93		CLAY		<u>ABSTRACT</u>
92.98			93.50	1- Drilling Started _____
				2- Drilling Completed/Lowering 6.01.019 _____
		F.TOM.SAND	105.48	3- Drilling Depth 136.28 m
			107.28	4- Assembly Lowered 125.78 m
119.82			119.29	5- Housing Pipe 35.91 m
		CLAY	125.28	6- Blind Pipe 56.64 m
136.28			BAIL PLUG	7- Slotted Pipe 30.03 m
				8- Reducer 0.28 m
				<u>LOGGING REPORT</u>
				1-
				2-
				3-
				4-
				5-
				6-

(O.P. MAURYA)

(VINOD KUMAR) (ADARSH VERMA)

J.E.

A.F.

EE

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

Date of Test 13.06.019

Static W/L 4.10 Taste of Water.....SWEET.....

DISCHARGE		ST.PR.	RU.PR.	DEPRE.		SAND CONTENTS						REMARKS
INC.	LP.JA.	Kg/Cm²	Kg/Cm²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min	
9.50	2406	5.26	4.76	0.50	5.00	3000	2000	1500	1000	600		
9.75	2556	9.80	9.20	6.60	6.00	4000	3000	2500	2000	1000		
9.75	2556	10.25	9.65	6.60	6.00	6500	3500	3000	2500	1500		
10.00	2746	11.70	11.00	8.70	7.00	7000	4000	3500	3000	2000		

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

~~(A.K. SUP 74)~~
~~I.E.~~

(VINOD KUMAR) (ADARSH VERMA)

A.E.

F.F.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 18.8.019 Static W/L 3.80 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	
2074	8.10	3.80	4.30	300	150	100	7A.	CL.		
1875	7.70	3.80	8.90	250	100	50	CL.	CL.		
1677	7.40	3.80	3.60	100	50	7A.	CL.	CL.		
1487	7.10	3.80	3.30	50	7A.	CL.	CL.	CL.		
1241	6.80	3.80	3.00	7A.	CL.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 1200 LPM AFT. 5 MIN. RUNNING BY PASS

IF

AE

FF

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)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.17
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.55
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.8
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	163
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	90
अधोप क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	13.27
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.4
गंदापन	NTU	1	5	IS:3025 (Part 10)	3.11
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	220

J.E

A.E.

Executive Engineer