

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

COMPLETION PLAN OF KOTHIHIA W/S. SCHEME DISTRICT BASTITYPE OF RIG M/C M/A. SHIV. DRILLERS SIZE OF BORE

STATIC WATER LEVEL

J.E. Incharge N.D. SINGHA.E. Incharge SAHAB AHMAD

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M			A.G.L. 0.50M	250 m.m. Dia Housing Pipe to 29.62 m
13.71		CLAY		250/150 m.m. Dia Reducer 29.62 to 29.77 m
39.62		F. SAND	29.62	150 m.m. Dia BLIND Pipe 29.77 to 64.68 m
45.72		CLAY	29.77	150 m.m. Dia SLOTTED Pipe 64.68 to 82.52 m
60.96		F. SAND		150 m.m. Dia BLIND Pipe 82.52 to 100.65 m
		M. SAND	64.68	150 m.m. Dia SLOTTED Pipe 100.65 to 106.69 m
85.34		SANDY CLAY	82.52	150 m.m. Dia BLIND Pipe 106.69 to 112.70 m
94.48		CLAY		m.m. Dia Pipe to m
97.53		COARS SAND	100.65	m.m. Dia Pipe to m
109.72		CLAY KANKAR	106.69	m.m. Dia Pipe to m
129.57			112.70	m.m. Dia Pipe to m
			BAIL PLUG	m.m. Dia Pipe to m
				Total Assembly 112.70 + A.G.L. 0.50 m
				= 113.20

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 24.9.014
- 3- Drilling Depth 129.57 m
- 4- Assembly Lowered 113.20 m
- 5- Housing Pipe 30.12 m
- 6- Blind Pipe 59.05 m
- 7- Slotted Pipe 23.88 m
- 8- Reducer 0.15 m

(N.D. SINGH) (SAHAB AHMAD) (V.N. RAI)
J.E. A.E. E.E.

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

Date of Test 12.1.015 Static W/L 5.48 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS							REMARKS
INC.	L.P.M.	Kg/Cm ³	Kg/Cm ³	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min
9	210	11.40	11.0	0.4	4	250	1600	1000	800	600	
8	150	11.30	11.0	0.3	3	230	1000	600	300	200	

Recommended Development for O.P. Unit

(N.D. SINGH) (SAHAB AHMAD) (V.N. RAI)
J.E. A.E. E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 24.3.015 Static W/L 3.00 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	
1200	8.00	3.00	5.00	300	100	50	T.	C.		
1000	7.50	3.00	4.50	200	50	T.	C.	C.		
800	7.00	3.00	4.00	100	T.	C.	C.	C.		
600	6.00	3.00	3.00	50	T.	C.	C.	C.		

RECOMMENDED DISCHARGE 600 LPM AFTER 10 MIN.

(N.D. SINGH) (SAHAB AHMAD) (V.N. RAI)
J.E. A.E. E.E.