

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

COMPLETION PLAN OF PILKHAH GRAM PANCHAYAT (C.P.V.) DISTRICT BASTITYPE OF RIG M/C SH.V. DRILLERS

SIZE OF BORE.....

STATIC WATER LEVEL.....

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

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m.			A.G.L. 6.50m	25.0.....m.m. Dia Housing Pipe..... to 29.65m
3.047		SURFACE CLAY		250/150m.m. Dia Reducer..... 29.65 to 29.80m
9.14		M. SAND		150.....m.m. Dia. BLIND..... Pipe 29.80 to 49.87m
		SANDY CLAY		150.....m.m. Dia. SLOTTED..... Pipe 49.87 to 56.01m
21.33				150.....m.m. Dia. BLIND..... Pipe 56.01 to 62.03m
		F. SAND		150.....m.m. Dia. SLOTTED..... Pipe 62.03 to 74.07m
30.48		CONCREC. + F.S.	29.65 29.80	150.....m.m. Dia. BLIND..... Pipe 74.07 to 90.15m
36.57		CLAY + CONCRE		150.....m.m. Dia. SLOTTED..... Pipe 90.15 to 102.20m
39.62		SAND WITH CLAY		150.....m.m. Dia. BLIND..... Pipe 102.20 to 106.21m
42.67		M. SAND	49.87	m.m. Dia..... Pipe..... to.....m
51.01			56.01	m.m. Dia..... Pipe..... to.....m
		M. SAND WITH CONCRE	62.03	m.m. Dia..... Pipe..... to.....m
73.15			74.07	Total Assembly 106.21 ± 0.50m
		M. SAND	90.15	A.G.L. = 106.71m
103.63		CLAY KANKAR.	102.20	ABSTRACT
109.72			106.21	1- Drilling Started.....
			BAIL PUG	2- Drilling Completed..... 49.20/4
				3- Drilling Depth..... 109.72m
				4- Assembly Lowered..... 106.71m
				5- Housing Pipe..... 30.15m
				6- Blind Pipe..... 46.18m
				7- Slotted Pipe..... 30.23m
				8- Reducer..... 0.15m

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 20.9.14 Static W/L 20.0 Taste of Water SWEETDate of Test 22.10.14 Static W/L 2.30 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS										REMARKS
INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min			
9"	2107	8.80	8.30	0.5	5	320	800	500	200	200				

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					
650	3.85	2.30	1.55	50	C	C	C	C						
1000	4.18	2.30	1.88	100	T	C	C	C						
1200	4.50	2.30	2.30	200	T	T	C	C						
1500	4.80	2.30	2.50	250	100	50	T	T						

Recommended Development for O.P. Unit.

RECOMMENDED DISCHARGE 650 LPM.

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

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