

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

COMPLETION PLAN OF.....T.HRAULI GRAM PANCHAYAT W/L SCHEME (O.P.U.) DISTRICT.....BASTI

TYPE OF RIG M/C..... SIZE OF BORE.....600/500 mm

STATIC WATER LEVEL..... J.E. Incharge.....A.K. SRIVASTAV..... A.E. Incharge.....SAHAB AHMAD.....

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0 M		CLAY	A.G.L. 0.50 M	250 m.m. Dia Housing Pipe _____ to 29.76 m
16.76		F. SAND		250/150 m.m. Dia Reducer _____ 29.76 to 29.91 m
29.88		CLAY WITH KANKAR	29.76	150 m.m. Dia BLIND _____ Pipe 29.91 to 53.00 m
37.19		F.T.O.M. SAND	29.91	150 m.m. Dia SLOTTED _____ Pipe 53.00 to 66.50 m
42.98		CLAY		150 m.m. Dia BLIND _____ Pipe 66.50 to 75.53 m
51.83		F.T.O.M. SAND	53.00	150 m.m. Dia SLOTTED _____ Pipe 75.53 to 84.58 m
67.38		CLAY	66.50	150 m.m. Dia BLIND _____ Pipe 84.58 to 93.62 m
74.39		F.T.O.M. SAND WITH KANKAR	75.53	150 m.m. Dia SLOTTED _____ Pipe 93.62 to 98.12 m
85.37		CLAY	84.58	150 m.m. Dia BLIND _____ Pipe 98.12 to 104.18 m
92.68		F.T.O.M.S.	93.62	_____ m.m. Dia _____ Pipe _____ to _____ m
99.09		CLAY	98.12	_____ m.m. Dia _____ Pipe _____ to _____ m
107.62		V.F. SAND	104.18	_____ m.m. Dia _____ Pipe _____ to _____ m
112.19		CLAY WITH KANKAR	BAIL PLUG	Total Assembly $104.18 + A.G.L. 0.50$ m
126.42		CAVING CLAY		$= 104.68$ m.
126.52				

ABSTRACT

1- Drilling Started	4.8.2014
2- Drilling Completed/Lowering	19.8.2014
3- Drilling Depth	126.52 m
4- Assembly Lowered	104.68 m
5- Housing Pipe	30.26 m
6- Blind Pipe	47.22 m
7- Slotted Pipe	27.05 m
8- Reducer	0.15 m

(A.K. SRIVASTAV) (SAHAB AHMAD) (V.N. RAI)
J.E. A.E. E.E.

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

Date of Test 5.11.014 Static W/L 20.0 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	
9 207	8.15	8.15	1.5	250	500	400	200	200		

Recommended Development for O.P. Unit

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 18.11.014 Static W/L 3.40 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	
700	5.35	3.40	1.95	50	C.	C.	C.	C.		
1100	5.60	2.40	2.20	100	T.	C.	C.	C.		
1300	5.85	3.40	2.45	200	100	T.	C.	C.		
1500	6.20	3.40	2.80	300	100	50	T.	C.		

RECOMMENDED DISCHARGE 700 LPM. AFTER 5 MIN.

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