



CONST. DIVISION (E/M), U. P. JAL NIGAM, GHAZIABAD

(123)

Completion Plan of Tw. No. Rebore at MURAD NAGAR DISTRICT GHAZIABAD

Type of Rig m/c. R. C. RIG 600/27 Size of Bore 6.75/600 mm S. W. L. 8.80 Mts.

Agency Departmental Rig Machine

Depth B.G.I. Meter	Boring Chart	Strat im	Lowered Assembly AGL 15cm	ASSEMBLY DETAILS
G.L.		Surface clay		350 mm Dia Housing pipe 15 MAG L M to 34.95M
10.67		Hard clay kank	35.10	350x200 mm Dia Reducer 34.95 m to 35.10M
27.40		Fine sand	34.95 35.10	200 mm Dia Blind Pipe 35.10 m to 46.72 m
45.72		Fine to Med. sand	46.72	200 mm Dia Slotted Pipe 46.72 m to 76.23 m
76.92		Living clay	76.23	200 mm Dia Blind Pipe 76.23 m to 82.45 m
80.80		Fine to Med. sand	82.45	200 mm Dia Slotted Pipe 82.45 m to 88.63 m
90.80		Hard clay	88.63 91.75	200 mm Dia Blind Pipe 88.63 m to 91.75 m Dead Plug
103.50			 m m Dia Pipe m to m m m Dia Pipe m to m m m Dia Pipe m to m m m Dia Pipe m to m m m Dia Pipe m to m
				Total Assembly 91.90 m

ABSTRACT

- 1 Drilling Started on.....
 - 2 Drilling Completed on 20.2.2003
 - 3 Assembly Lowered on 21.2.2003
 - 4 Drilling Depth 103.50 m
 - 5 Assembly Lowered (B.G.L.) 91.75 m
- Housing Pipe 350 m m dia 35.10 m
- Blind Pipe 200 m m dia 20.96 m
- Slotted Pipe 200 m m dia 35.69 m

As Executed

Representative
 (R.C. JAIN) (D.R. SINGH)
 J. E. A. E.

Countersigned

(RAKESH MITTAL)
 Executive Engineer

282 - Murad Nagar, Rohtak

YIELD TEST REPORT

S.W.L. 8:30 AM Taste of Water... SWIRL V-Notch/Orifice 150X125mm Date of test... 2.5.93

V-notch Orifice Reading	Discharge in L.P.M.	R.W.L in Mts.	Depression in Mts.	SAND CONTENTS IN PPM					
				Starting	5 Min	10 Min	15 Min	20 Min	30 Min
19"	2000	12.80	4.00	50	clear	clear	clear	clear	clear
25"	2270	13.30	4.50	150	Traces	clear	clear	clear	clear
30"	2527	13.70	4.90	300	50	clear	clear	clear	clear
40"	2955	14.30	5.50	500	100	Traces	clear	clear	clear
50"	3298	14.80	6.00	650	100	50	Traces	Traces	clear
55"	3403	15.20	6.40	850	150	100	50	Traces	clear

Recommended... 2.250 L.P.M. discharge at... 4.50 mts depression

(A.K. MISRA)

(D.R. SINGH)

VERTICALITY TEST REPORT

DIA OF DISC...

TOTAL HOUSING...

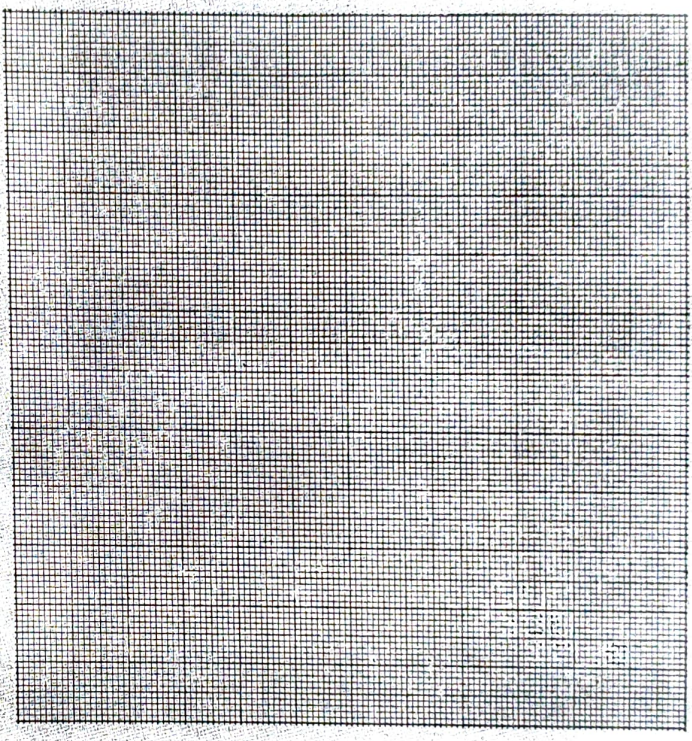
DATE OF TEST...

Seen
(RAJESH MITAL)

Height of Suspension...

Circle diagram

DEPTH of Disc MBGL	Observed Deviation MM			
	E	W	N	S



CLEAR SPACE..... At.....
..... At.....
..... At.....

WATER TEST RESULTS

AGENCY SRI GANESH TEST HOUSE, GBD REF 20900 DT 17.5.2003

Appearance..... Clear	Chlorides (as Cl) mg/l..... 18.00
Colour.....	Total hardness (as CaCO ₃) mg/l 176.00 (Temp. 62, Perm. 116)
Odour..... Odourless	Iron (as Fe) mg/l..... 0.12
Turbidity.....	Calcium..... 52.00 Magnesium - 10.50
Taste.....	Total Alkalinity..... 194.00
P.H. Value..... 7.45	Total SULPHATE - 261.00
Total dissolved solids mg/l 259.00	Remarks: Water is suitable for drinking purposes
" Suspended "..... 4.00	
" Dissolved SOLIDS "..... 3.94	

(Signature) Draughtsman J.E. (Signature) A.E. Executive Engineer SEEN