

Actual assembly chart of Sonauli Mohammadpur w/s scheme T.W No-1

Dist:- GONDA under N.R.W.S.P.

675mm
300mm

0.50mt

Required Discharge:- 1500 LPM

Bore Size:- 675x550 mmφ

Assembly Size:- 300x200 mmφ

Depth of bore:- 156mt BGL

Logging depth:- 155mt BGL

Date of Logging:- 30.1.014

Date of Lowering:- 31.1.014

Depth of Lowering:- 139.53mt BGL

00.50mt AGL
Total:- 140.03mt

Logging report

Sl No	Depth range in mt	Thickness in mt	result
1-	42-62	20mt	Good
2-	72-85	13mt	"
3-	88-118	30mt	"
4-	120-134	14mt	"
5-	137-152	15mt	fine sand

By Dr. R.A. Yadav
Manager
Ground water
U.P. Jal Nigam
LK

300mmφ m.s. Housing pipe - 42.05mt
200mmφ m.s. plain pipe - 58.66mt
200mmφ m.s. slotted pipe - 33.08mt
300x200mmφ m.s. Reducer - 00.20mt
200mmφ m.s. Bail Plug - 6.04mt

140.03mt
AGL (-) 00.50mt
BGL → 139.53mt

Prepared & Recommended by

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Surface clay
3.50mt

fine to
medium
sand

25mt
sand with kanker
20mt kanker with
31mt

fine sand
inter mixed
clay

42mt
fine sand
inter mixed thin
layer of sandy clay
20mt

fine to
medium sand

62mt

clay inter-
mixed kanker

72mt
fine sand

76mt
fine to medium
sand

05mt
caving clay
88mt

fine to medium
sand

110mt
fine sand

inter mixed thin
layer of sandy clay
110mt
caving clay
120mt

fine to
medium sand

134mt
kanker clay
137mt

kanker with
fine sand and
thin layer of
sandy clay
155mt
156mt clay

6.01mt

6.01 "

6.00 "

6.01 "

6.02 "

6.00 "

6.00 "

0.20 "

6.04 "

6.13 "

6.06 "

6.04 "

6.04 "

6.03 "

3.00 "

6.05 "

4.00 "

16.03 "

6.03 "

2.04 "

3.00 "

6.04 "

6.05 "

4.20 "

3.02 "

5.94 "

6.04 "

200mm

550mmφ

41.55mt

0.20mt 41.75mt

P.P-12.17mt

58.92mt

S.P-6.06mt

59.98mt

P.P-18.11mt

78.09mt

S.P-3mt

81.09mt

P.P-10.05mt

91.14mt

S.P-12.06mt

103.20mt

119.26mt

125.30mt

131.34mt

137.38mt

143.42mt

149.46mt

155.50mt

161.54mt

167.58mt

173.62mt

179.66mt

185.70mt

191.74mt

197.78mt

203.82mt

209.86mt

215.90mt

221.94mt

227.98mt

234.02mt

240.06mt

246.10mt