

Completion plan No. 50
Year 2003 - 2004

OFFICE OF THE EXECUTIVE ENGINEER

XIII DIVISION (E/M), U.P. JAL NIGAM, LUCKNOW

Completion plan of T/w No. _____ of LALAHUA W/S Scheme _____ District LAKHIMPUR
Type of Rig Machine RC600/27 Size of Bore 625 mm X 550 mm Dia.
Static Water Level 5.50 metre

J. E. Incharge H.P. SRIVASTAVA A. E. Incharge S.K. BHARGAVA

Depth B. G. L. m	Stratum	Lowered Assembly	ASSEMBLY DETAILS
1.50	CLAY	10.50 AgL	300 mm dia Housing Pipe AgL 0.00 m to 0.50 m 0.50 m
6.00	CLAY	10.00 AgL	300 mm dia Housing Pipe 0.00 m to 42.19 m 42.19 m
	FINE SAND		200 mm dia Reducer 47.19 m to 47.32 m 0.20 m
22.00			200 mm dia Plain Pipe 47.32 m to 50.44 m 2.95 m
	CLAY		200 mm dia Slotted Pipe 50.44 m to 53.49 m 3.09 m
30.00			200 mm dia Plain Pipe 53.49 m to 62.59 m 3.10 m
36.00	FINE SAND		200 mm dia Slotted Pipe 62.59 m to 68.64 m 6.05 m
40.00	SANDY CLAY		200 mm dia Plain Pipe 68.64 m to 71.69 m 3.05 m
	F To M SAND	47.19 47.32 50.44	200 mm dia Slotted Pipe 71.69 m to 77.74 m 6.05 m
61.00		59.49	200 mm dia Plain Pipe 77.74 m to 83.74 m 6.00 m
63.00	CLAY	62.59	200 mm dia Slotted Pipe 83.74 m to 95.74 m 12.00 m
	F To M SAND	68.64	200 mm dia Plain Pipe 95.74 m to 97.74 m 2.00 m
71.00	CLAY	71.69	200 mm dia Slotted Pipe 97.74 m to 106.74 m 9.00 m
72.00	F To M SAND	77.74	200 mm dia Plain Pipe 106.74 m to 112.84 m 6.10 m
80.00	CAVING CLAY	83.74	mm dia Pipe m to m m
83.00		95.74	mm dia Pipe m to m m
	F. To M. SAND	97.74	mm dia Pipe m to m m
109.00		106.74	mm dia Pipe m to m m
	CLAY	112.84	mm dia Pipe m to m m
121.00			mm dia Pipe m to m m
	SANDY CLAY		mm dia Pipe m to m m
139.00			mm dia Pipe m to m m
	V. V. FINE SAND		mm dia Pipe m to m m
145.00	CLAY		mm dia Pipe m to m m
152.00			mm dia Pipe m to m m
Scale (H) 1:15 (V) 1:1000			Total Assembly <u>113.34</u> metre

ABSTRACT

- Drilling Started on Dated 01-4-2013
- Drilling Completed on Dated 10-4-2013
- Drilling Depth 152.00 metre
- Assembly Lowered 112.84 metre (AgL) On 27-11-4-13
Housing Pipe 300 mm dia 47.69 metre
Reducer 300 mm dia x 200 mm dia 0.20 metre
Blind Pipe 200 mm dia 22.30 metre
Slotted Pipe / Screen 200 mm dia 42.15 metre
- Pea Gravel Consumed at the time of Lowering 4.4.93 m³
- Final Date of Test of T/w 13-5-2013 Recommended Discharge
1500 LPM At 2.50 metre Depression.

(H.P. SRIVASTAVA)
J.E.

(S.K. BHARGAVA)
A.E.

(VIJAY BAHADUR)
E.E.

LOGGING REPORT

Depth Logged 139.00 m

Date of Logging 10-4-13

SLNo.	Depth Range m	Thickness m	Remarks.
1.	40.00 - 60.00	20.00	Good
2.	63.00 - 70.00	7.00	
3.	72.00 - 79.00	9.00	
4.	82.00 - 96.00	13.00	
5.	97.00 - 108.00	11.00	
6.			

Sd/
(Dr S. SAHAI)
Sr. Geophysicist