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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Lakhnaur deep

District : Mau

Date : 25.07.2015

Depth logged : 250.0 mbgl

Depth drilled : 255.0 mbgl

Logger used : AXWS

Presence : Er. J.K.Gupta, A.E.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	42.0 - 62.0	20.0	Good all
2	78.0 - 85.0	7.0	
3	102.0 - 109.0	7.0	
4	116.0 - 119.0	3.0	
5	122.0 - 129.0	7.0	
6	185.0 - 189.0	4.0	
7	193.0 - 197.0	4.0	
8	200.0 - 205.0	5.0	
9	239.0 - 250.0	11.0	

Note. All zones are fine sand intermixed with kanker except Sl. No. 1.

(Dr.S.Sahai)
Sr. Geophysicist

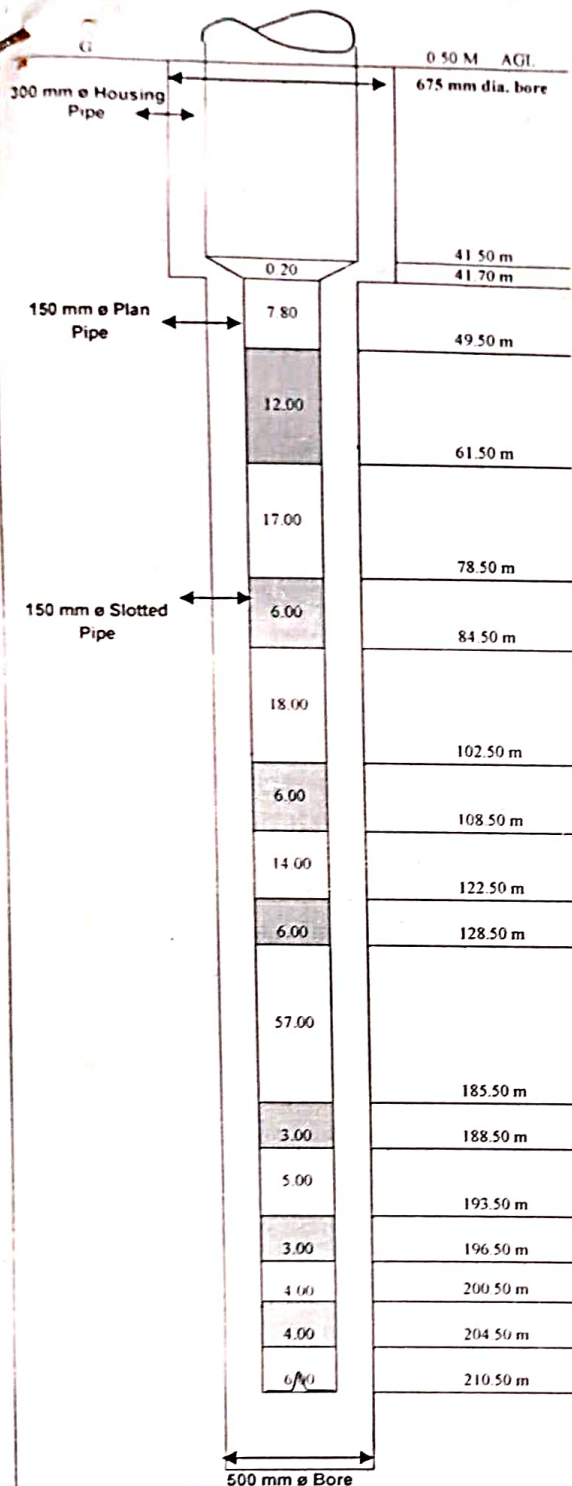
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1. Manager (G.W.), U.P.Jal Nigam, Lucknow.
2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Mau
for information and necessary action.

OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)U.P. JAL NIGAM, MAU
Proposed Assembly Size 300x150mm dia. of Lakhanaur T.W. Distt. Mau

(Not to Scale)

Detail of Strata



AGL + BGL
 0.5 + 210.50 = 211.00 mts

Detail of Lowering

1	Drilling depth	250 mts.
2	Total housing pipe dia 300 mm	42.00 mt.
3	Total Plain pipe dia 150 mm	128.50 mt.
4	Total Slotted pipe dia 150mm	40.00 mt.
5	Size of assembly lowering	300mmø x 150 mmø
6	M.S. Reducer 300mmø x 150 mmø	0.20 mt.
7	BGL..	210.50 mt.
8	Total Length of assembly	211.00mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	6		Clay
6	12		Sandy Clay
12	18		Clay Kankar
18	24		Fine Sand
24	42		Fine Sandy Clay
42	66		Fine to medium Sand
66	72		Medium Sand
72	84		Kankar with sand
84	90		Sandy Clay with Kankar
90	104		Kankar with Sandy Clay
104	110		Kankar with Sand
110	120		Kankar with Sandy Clay
120	132		Sandy Clay Kankar
132	144		Clay
144	150		Sandy Clay Kankar
150	162		Clay Kankar
162	180		Clay
180	198		Sand with Kankar
198	210		Sandy Clay Kankar
210	222		Clay Kankar
222	250		Clay

Logging Report

Date 25-07-2015

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Note All zones are fine sand intermixed with kankar except Sl.No.

Proposed By

(M/S. Shiv Drillers)
 Kolkata
 Contractor

Recommended By

(Rajesh Kumar)
 J. E.

Approved

(N.A. Khan)
 Executive Engineer

(J.K. Gupta)
 Assistant Engineer