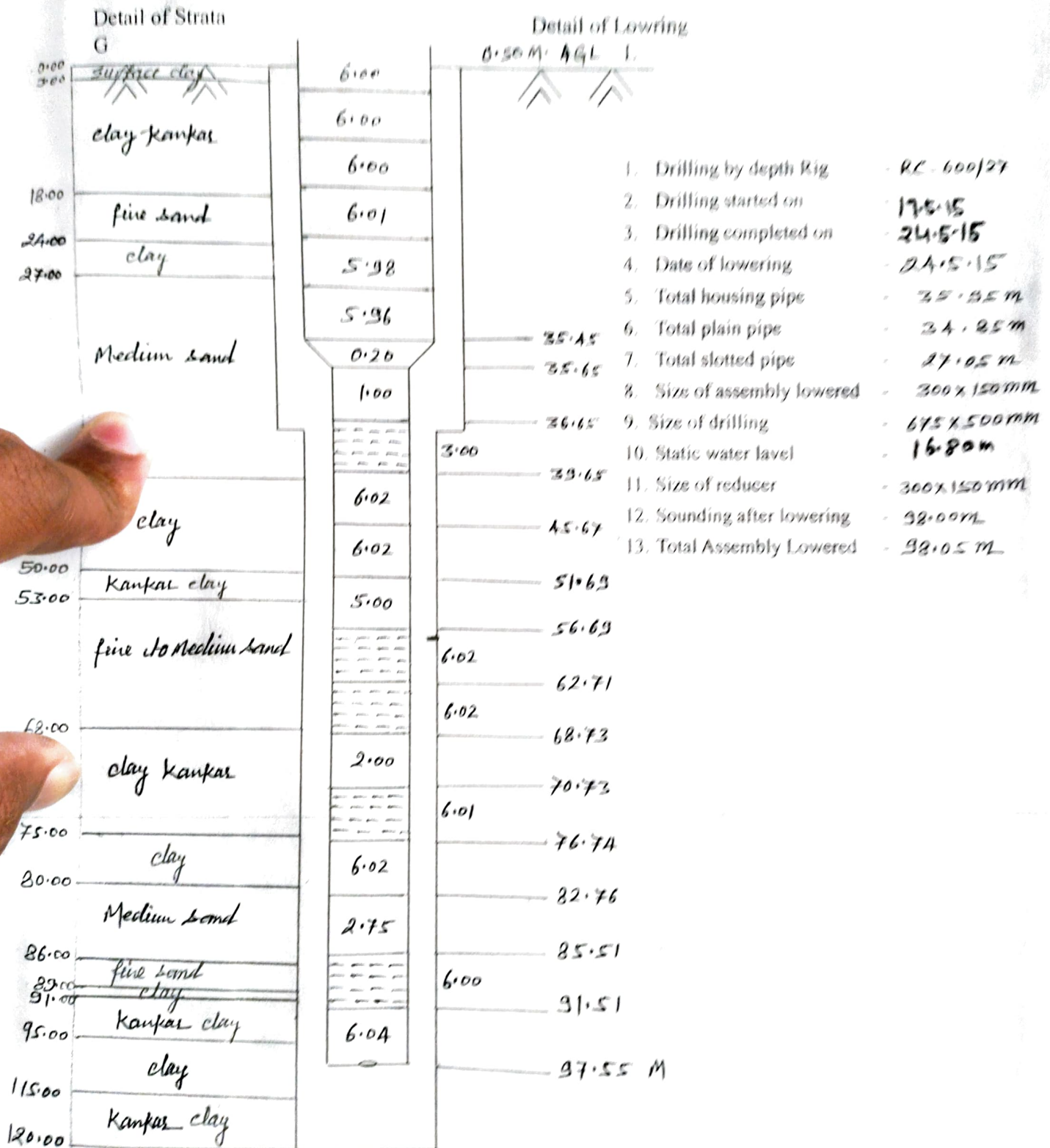


Completion plan of ... Parkhauri ... T.W. ... Dist. Sultanpur

Name of Yozana/T.W. No. Location ... Parkhauri ... Sultanpur ... M.R.W. & P.



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(R. Lalit)
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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Pakhrauli

District : Sultanpur

Date : 20.5.2015

Depth logged : 115.0 mbgl

Depth drilled : 120.0 mbgl

Logger used : AXWS

Presence : Er. R.L.Chaudhary, J.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(in) | Remarks |
|--------|-------------------|---------------|----------|
| 1 | 30.0-----40.0 | 10.0 | Good all |
| 2 | 55.0-----78.0 | 23.0 | |
| 3 | 85.0-----92.0 | 7.0 | |
| 4 | 100.0----105.0 | 5.0 | |

Note. Sl.No. 4 is very-very fine sand.

(Dr.R.A.Yadav)
Manager(Ground Water)

Copy;

1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
 2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Faizabad
- for information and necessary action.

Ram Lalit (J.E.)

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION,

U.P. JAL NIGAM, FAIZABAD

Physical and Chemical Analysis of Water Sample

DISTRICT LAB FAIZABAD

TEST REPORT

Reference Letter No. 6/सि.स.प.न.प.द. | 6 dt 25-8-15 District सुल्तानपुर
 Source of Sample (Hand pumps or Tube well) नलकूप Tehsil
 Source of Condition Block
 Date of Sampling 25-8-2015 Gram Panchayat
 Date of Testing 28-8-2015 Revenue Village (Sensus Code)
 Name of Sample Collector Habitation परखौली नलकूप
 Name of Junior Engineer श्री राम लाल, 62030 Year of Installation of Source
 Name of Place परखौली, सुल्तानपुर

| Sl.No. | Characteristics | Result | Physical and Chemical | | Remarks |
|--------|-----------------------------|------------|-----------------------|---------------------|---------|
| | | | Acceptable | Cause for Rejection | |
| | <u>PHYSICAL TEST</u> | | | | |
| 1. | Turbidity | 5 M.T.U | IONTU | 25 NTU | |
| 2. | Colour | Colourless | | | |
| 3. | Odour | Odourless | Unobjectionable | Objectionable | |
| 4. | Ph | 7.7 | 6.5 to 8.5 | <6.5 to 9.2> | |
| | <u>CHEMICAL TEST</u> | | | | |
| 5. | Total Dissolved Solid | 301 | 500 | 1500 | |
| 6. | Total Hardness as "CaCO3 | 240 | 200 | 600 | |
| 7. | Chloride as "Cl" | 19 | 200 | 1000 | |
| 8. | Fluoride as "F" | 0.35 | 1.00 | 1.50 | |
| 9. | Nitrates as "NO3" | 1.1 | 45 | >45 | |
| 10. | Nitrites as "NO2 | NIL | Nil | | |
| 11. | Iron as "Fe" | 0.1 | 0.10 | 1.00 | |
| 12. | Alkalinity | 280 | 200 | 600 | |
| 13. | Sulphate | 01 | 200 | 400 | |
| 14. | Residual Chlorine (P.P.M.) | NIL | 0.2 | 1.0 | |
| 15. | Arsenic (ppb) | NIL | 10 | 50 | |

Asst. Eng.
 9/9/15
 Chemist

8/9/15
 Assistant Engineer
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