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Office of The Executive Engineer IIIrd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of Tato MURAINI T.W. at No. 2 Distt. SULTANPUR

Name of Yozana/T.W. No. & Location N.R.W.S.P.

(Not to Scale)

Detail of Strata	Detail of Lowring
G	L
0-3m Surface clay	0.50m AGL
3-6m clay Kankar	
5.98	
5.95	
6m-18m Hard clay Kankar	
5.96	
18m-24m Very fine Sand	
5.95	
5.95	
24m-36m clay Kankar	35.24m B.G.L
0.20	35.44m
36m-42m Sandy clay	
6.03	
2.04	43.51m
3.00	46.51m
4.00	50.51m
6.00	57.51m
42m-54m clay Kankar	
5.99	
54m-61m Hard clay Kankar	
5.98	
4.00	73.48m
5.99	
2.02	81.49m
6.00	
1.00	88.49m
67m-97m Very fine Sand	
5.98	
3.00	97.47m
5.94	
97m-118m Hard clay Kankar	
	103.41m

- Size of drilling depth 675mm x 0-45m 550mm x 45m-118m
- Drilling by deptt Rig - DCLT 1500
- Drilling started on DATE OF LOGGING - 11.12.10
- Drilling completed on - 17.12.10
- Date of lowring - 23.12.10
- Total housing pipe 300mmφ 24.12.10
- Total plain pipe 200mmφ 35.74 M
- Total slotted pipe 200mmφ 40.98 M
- Size of assembly lowered 26.99 M
- Size of drilling 300 X 200mmφ
- Static water level - 675 X 550mmφ
- Size of reducer -
- Sounding before lowring 300 X 200 mmφ
- 117.00 M

Logging Report

- 43.00 - 47.00 = 4.00 M
- 50.00 - 58.00 = 8.00 M
- 73.00 - 82.00 = 9.00 M
- 88.00 - 98.00 = 10.00 M

Junior Engineer
III Conts. Divi. (E/M)
U P Jal Nigam Faizabad

(SANTOSH KUMAR)
Asisstant Engineer
III Conts. Divi. (E/M)
U.P. Jal Nigam Faizabad

(A.K. Saxena)
Executive Engineer
III Conts. Divi. (E/M)
U P Jal Nigam Faizabad



NIGAM

Telephone 0522- 2230712
FAX 0522- 2625586**UTTAR PRADESH JAL NIGAM**

6, Rana Pratap Marg, Lucknow

Ref. :-

Geophysical Borehole Logging Report

Name of the site : Tato Moraini, T/W-2

District : Sultanpur

Date : 17.12.2010

Logged Depth : 108.0 mbgl

Drilled Depth : 118.0 mbgl

Logger Used : GCS

Presence : Er. P.K.Srivastava, J.E.

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

Sl.No.	Depth range (m.b.g.l.)	Thickness (m)	Remarks
1	43.0-----47.0	4.0	} → Good /
2	50.0-----58.0	8.0	
3	73.0-----82.0	9.0	
4	88.0-----98.0	10.0	

Note: Sl.No. 1&3 are kanker intermixed.

Copy;

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

Dr. R.A. Yadav
(Dr.R.A.Yadav
Manager (GW)

Dr. R.A. Yadav
Manager(GW)

OFFICE OF THE EXECUTIVE ENGINEER, III CONSTRUCTION DIVISION (E/M), U.P. JAL NIGAM, FAIZABAD

TEST REPORT OF T.W. DEVELOPMENT BY 250 P.S.I. COMPRESSOR

1. Name of T.W. :- TATO MURAINI T.W. No 2.
2. Name of Scheme :- N.R.W. S.P.
3. Distt. :- SULTANPUR.
4. Date of test :- 19.01.2011
5. Discharge measured by :- 90° V Notch Tank
6. Static water level :- 4.60 M
7. Sounding before development :- 91.50 M
8. Sounding after development :- 101.50 M

S.I. No.	Air line Lowerd in mtr.	Pressure in kg/cm ²		Depression		Discharge through 90° V-notch		Sand contents in P.P.M.							Remark
		Starting	Running	In kg/cm ²	In mtr.	In cm. /Inches	In L.P.M.	Starting	AFTER						
									5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
1.	79.30 M	6.30 kg/cm ²	5.60 kg/cm ²	0.70 kg/cm ²	7.00 M.	23.75/- 9 1/2 cm/Inches	2406 L.P.M	6000	2000	1200	800	600	400	300	

Investigement by O.P. Unit.

Note- Recommended for development by O.P. Unit.

Test Conducted by

(Signature)
(P.K. Srivastava)
Junior Engineer

(Signature)
(Santosh Kumar)
Assistant Engineer

Seen

(Signature)
(A.K.Saxena)
Executive Engineer

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OFFICE OF THE EXECUTIVE ENGINEER, IIIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM, FAIZABAD
YIELD TEST REPORT OF T.W BY 3 CU SEC O.P. UNIT

- | | | | |
|-----------------------------|------------------|-------------------------|---------|
| 1. Name of T.W./Scheme- | Tatamurainy 70-2 | 6. Taste of water- | Sweet |
| 2. Name of Dist.- | Sultanganpur | 7. Air line Lowered- | 21 m |
| 3. Size of Tube-well- | 300mm x 200mm | 8. Sounding of Tubewell | 9830m |
| 4. Column Assembly Lowered- | 21 m | 9. Date of Testing- | 29.1.11 |
| 5. Static water level- | 8.35 m | | |

S.NO	Discharge through 90° “V” Notch tank		S.W.L in meters	R.W.L in meters	Depression in meters	Sand contents in P.P.M.							Remark
	Inches	L.P.M.				Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1.	7 $\frac{3}{4}$	1460	8.35	13.15	4.80	200	100	50	Tr	U	U	U	
2.	7 $\frac{1}{2}$	1346	8.35	12.95	4.60	100	Tr	U	U	U	U	U	
3.	7 $\frac{1}{4}$	1246	8.35	12.80	4.45	50	U	U	U	U	U	U	

Note- Recommended Discharge ¹²⁰⁰ LPM at ^{4.45} mtr. Depression.

Test Conducted by

Seen

Ram Lalit
(Ram Lalit)
 Junior Engineer
 3rd const. division
 (E/M) Faizabad

Santosh Kumar
(Santosh Kumar)
 Asst. Engineer
 3rd const division
 (E/M) Faizabad

A.K. Saxena
(A.K. Saxena)
 Executive Engineer

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