

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 181

Dated: 03-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Luduhi
Block: Ghosi
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 203.0 m bgl
Date of logging: 02-02-2022
Rm - 19.0Ωm Rw - 16.0Ωm

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd.

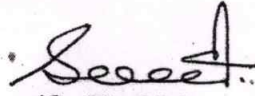
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	52 - 80	28	Good
2.	124 - 128	04	Good
3.	142 - 145	03	Good
4.	170 - 175	05	Good
5.	193 - 202	09	Good

Note: 1. Zone Sl. No. 3 & 4 are Fine Sand in nature.

Verified as per logs provided.

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT HYDROGEOLOGIST
04/02/2022
JAL NIGAM (RIPRA)
PRAYAGRA



Tele Fax : 91-522-246-5512
Mob.: 9415141232, 9554034123
E-mail : geo.instrument@outlook.c

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS:273
Dated: 07-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ranbirpur
Block: Pardaha
District: Mau
State: Uttar Pradesh
Drilling depth: 450.0 m bgl
Logging depth: 342.0 m bgl
Date of logging: 06-06-2022
Rm - 12.0 Ω m Rw - 15.0 Ω m

Borewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	30 - 34	04	Good
2.	57 - 61	04	Good
3.	90 - 102	12	Good
4.	200 - 209	09	Good
5.	218 - 226	08	Good
6.	230 - 234	04	Good
7.	245 - 254	09	Good
8.	258 - 262	04	Good
9.	292 - 302	10	Good
10.	315 - 322	07	Good

Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
2. Quality of Ground Water is deteriorating in between 110.0 to 175.0 m bgl.

Verified as per logs provided.

ASSISTANT GEOPHYSICIST
UP JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)



Tele Fax : 91-522-246-5512
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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW.

Ref:GIT:UP:22-23:LS: 204
Dated: 24-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Samanpura
Block: Ratanpura
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 190.0 m bgl
Date of logging: 24-05-2022
Rm - 16.0 Ω m Rw - 15.0 Ω m

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

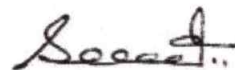
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only :

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	45 - 56	11	Good
2.	73 - 90	17	Good
3.	95 - 101	06	Good
4.	127 - 137	10	Good
5.	145 - 157	12	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Quality of Ground Water is deteriorating marginal to Saline below 173.0 m bgl to till depth Logged.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per
logs provided.

G. S. K.
Geophysicist
02/06/2022
U.P. Geophysical Survey
Lucknow

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 03

Dated: 02-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chak Zafri,
Block: Mohammdabad Gohna
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 172.0 m bgl
Date of logging: 01-04-2022
Rm - 13.0 Ω m Rw - 14.0 Ω m

Borehole Drilled By: L.C. Infra Projects Pvt. Ltd.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered:

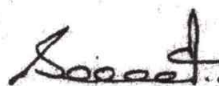
Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	24 - 40	16	Good
2.	47 - 51	04	Good
3.	55 - 59	04	Good
4.	66 - 70	04	Good
5.	84 - 98	14	Good

- Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
2. No suitable Zones encountered below 100.0 m bgl to till depth Logged.

Verified as per
logs provided.

G.S.M.
ASSISTANT GEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's


(S. Shukla)



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/059

Date : 12/04/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name	Katwas	Block	Kopaganj	
District	Mau	State	Uttar Pradesh	
Coordinates	26.001983, 83.595305			
Date of Logging	11/04/2022			
Logging Depth	187 Mbgl	Drilling Depth	275 Mbgl (As Reported By Driller)	
Parameter Used	SP, Short Normal Resistivity (N16), Long Normal Resistivity (N64) and Lateral			
Logged By	Shobhit Srivastava	Logger Make	GIT	
Tube well Drilled By	L.C Infra , Mau			
Representative	Mr. Santlal, M/S Om Construction			
S. No	Depth (Mbgl)		Thickness (In Meter)	Quality Remarks (in term of Salinity)
	From	To		
1	45	57	12	Good
2	72	76	4	Good
3	83	87	4	Good
4	124	128	4	Good
5	133	140	7	Good
6	160	167	7	Good to Moderate

Note: Sr. No. 4 and 5 are highly kankar intermixed.

Verified as per
logs provided.
/ (Rw = 15, Rw = 13
As reported)



G.S.H.
ASSISTANT HYDROGEOLOGIST
YANTRIK MAHARAJ
UP. SANI NIGAM (RURAL)
PRAYAGRAJ

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW.

Ref:GIT:UP:22-23:LS:199
Dated: 22-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kanso** ✓
Block: **Ratanpura**
District: **Mau**
State: **Uttar Pradesh**
Drilling depth: **275.0 m bgl**
Logging depth: **173.0 m bgl**
Date of logging: **22-05-2022**
Rm - **8.0 Ω m** Rw - **6.8 Ω m**

[Handwritten Signature]

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only :

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	33 - 36	03	Good
2.	60 - 67	07	Good
3.	72 - 78	06	Good
4.	90 - 100	10	Good
5.	170 - 177	07	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

[Handwritten Signature]
ASSISTANT HYDROGEOLOGIST
24/5/2022
U.P. JAL NIGAM (RURAL)
PRAYAGRAH

For Geo Instruments & Technic's

[Handwritten Signature]
(S. Shukla)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS: 72
Dated: 23-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Taraideeh
Block: Ghosi
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 172.0 m bgl
Date of logging: 23-04-2022
Rm - 23.0 Ω m Rw - 13.0 Ω m

Tubewell Drilled By: M/s L C Infra TCEL Joint Venture, Deoria.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	24 - 33	09	Good
2.	40 - 43	03	Good
3.	45 - 50	05	Good
4.	54 - 58	04	Good
5.	65 - 68	03	Good
6.	72 - 75	03	Good
7.	82 - 88	06	Good
8.	92 - 95	03	Good
9.	100 - 108	08	Good
10.	114 - 120	06	Good
11.	166 - 170	04	Good

Note: 1. Zone Sl. No. 2, 4, 5, 8 & 11 are Fine Sand in nature.

Verified as per logs provided.
7

G.S.H.
ASSISTANT HYDROLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

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(S. Shukla)



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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW.

Ref:GIT:UP:22-23:LS: 207
Dated: 24-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pahadipur *Khiriya*
Block: Fatehpur Mandrav
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 200.0 m bgl
Date of logging: 24-05-2022
Rm - 17.0 Ω m Rw - 16.0 Ω m

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Latéral (6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only :

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	50 - 56	06	Good
2.	80 - 85	05	Good
3.	96 - 112	16	Good
4.	116 - 124	08	Good
5.	130 - 133	03	Moderate
6.	156 - 160	04	Moderate
7.	184 - 188	04	Moderate

Note: 1. Zones Sl. No. 6 to 8 is Fine Sand in nature.

2. Fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

ASSISTANT HYDROGEOLOGIST
O. J. NIGAM (RURAL)
PRADESH

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 98

Dated: 29-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Imaliya Deeh
Block: Phardahan
District: Mau
State: Uttar Pradesh
Drilling depth: 335.0 m bgl
Logging depth: 304.0 m bgl
Date of Logging: 28-04-2022
Rm - 15.0 Ω m Rw - 16.0 Ω m

Tubewell Drilled By: M/S L.C. Infra Projects Pvt. Ltd.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	17 - 22	05	Good
2.	28 - 34	06	Good
3.	38 - 41	03	Good
4.	53 - 57	04	Good
5.	60 - 64	04	Good
6.	82 - 85	03	Good
7.	103 - 106	03	Good
8.	163 - 166	03	Good
9.	196 - 199	03	Good
10.	205 - 209	04	Good
11.	293 - 301	08	Good

Note: 1. Zone Sl. No. 3 to 5 and 7 to 10 are Fine Sand in nature.

2. Fine to very fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

Note. Almost all zones (except Sr No 11) are fine to very fine in nature. (S. Shukla)

For Geo Instruments & Technic's

G. S. SHUKLA
ASSISTANT HYDROGEOLOGIST
UP. P. NIGAM (RURAL)
PRAYAGRAH

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS: 132
Dated: 06-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jamdra
Block: Ratanpur
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 200.0 m bgl
Date of logging: 05-05-2022
Rm - 13.0 Ω m Rw - 12.0 Ω m

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') Geophysical Logs, following informations/granular zones have been deciphered:

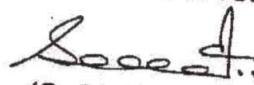
Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	46 - 59	13	Good
2.	70 - 76	06	Good
3.	116 - 120	04	Good
4.	129 - 143	14	Good
5.	184 - 195	11	Good

- Note: 1. Zone Sl. No. 2 is Fine Sand and highly intermixed with Kankar.
2. Zone Sl. No. 3 is Fine Sand in nature.
3. Fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

G.S.H.
ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's


(S. Shukla)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS:126
Dated: 05-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Lakhani Mubarakpur
Block: Ghosi
District: Mau
State: Uttar Pradesh
Drilling depth: 275.0 m bgl
Logging depth: 190.0 m bgl
Date of logging: 05-05-2022
Rm - 19.0 Ω m Rw - 20.0 Ω m

Tubewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") Geophysical Logs, following informations/granular zones have been deciphered:

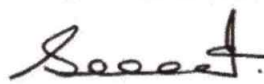
Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	22 - 26	04	Good
2.	52 - 62	10	Good
3.	65 - 72	07	Good
4.	85 - 90	05	Good
5.	102 - 107	05	Good
6.	133 - 140	07	Good
7.	146 - 150	04	Good
8.	158 - 165	07	Good

Note: 1. Zone Sl. No. 5 is Fine Sand in nature.

2. Fine bands of Kankar are intermixed with almost all the zone.

Verified as per logs provided.
Note - Sr No 7 - have thin band of finer sediments.

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YAMTRIK MANDAL
G. P. NIGAM (RURAL)
PRAYAGRAJ

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW.

Ref:GIT:UP:22-23:LS: 208
Dated: 24-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mauhar**
Block: **Kopaganj**
District: **Mau**
State: **Uttar Pradesh**
Drilling depth: **275.0 m bgl**
Logging depth: **185.0 m bgl**
Date of logging: **24-05-2022**
Rm - **17.0 Ω m** Rw - **16.0 Ω m**

Borewell Drilled By: L.C. Infra Projects Pvt. Ltd., Mau, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	33 - 36	03	Good
2.	53 - 56	03	Good
3.	59 - 62	03	Good
4.	70 - 74	04	Good
5.	76 - 82	06	Good
6.	100 - 105	05	Good
7.	125 - 141	16	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the zone.

2. Quality of Ground Water is deteriorating Marginal to Saline below 146.0 to till depth Logged.

Verified as per logs provided.

G.S.G.
07/05/22
UP JAL NIGAM (P.RAL)
PRAYAGRAH

For Geo Instruments & Technic's

(Signature)
(S. Shukla)