

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: PJM-23-24:LS: 408

Dated: 10-05-2023

Tele Fax : +91-0522-246-5512(O)
Mob. : +91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Shikarpur
Block: Siwa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 160.0 m bgl
Date of logging: 09-05-2023
Rm - 16.0 Qm Rw - 17.0 Qm

Borehole Drilled by: M/s Rithwik - Koya-JV, Maharajganj, U.P.

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 (meter)	Remark (Quality of Aquifer Water)
1	20 - 24	04	Good
2	28 - 32	04	Good
3	35 - 44	09	Good
4	47 - 51	04	Good
5	55 - 59	04	Good
6	60 - 70	10	Good
7	76 - 80	04	Good
8	84 - 91	07	Good
9	150 - 154	04	Good

Note: Fine bands of kankar are intermixed with almost all the zones.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

A. Sr
11/05/23

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: PJM:23-24:LS: 15

Dated: 03-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pakadi Siswa
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 200.0 m bgl
Logging Depth: 187.0m bgl
Date of logging: 02-04-2023
Rm - 17.5 Ω m Rw - 18.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, U.P. India.

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 (meter)	Remark (Quality of Aquifer Water)
1.	17 - 21	04	Good
2.	30 - 33	03	Good
3.	36 - 43	07	Good
4.	53 - 67	14	Good
5.	73 - 80	07	Good
6.	91 - 95	04	Good
7.	105 - 108	03	Good
8.	113 - 117	04	Good
9.	122 - 126	04	Good
10.	130 - 136	06	Good
11.	140 - 144	04	Good
12.	162 - 165	03	Good
13.	180 - 184	04	Good

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

2. Zones Sl. No. 4 is highly intermixed with fine bands of kankar.

3. Zone Sl. No. 8 is Fine sand and intermixed with kankar.

Verified as per logs provided - *S. Shukla*
For Geo Instruments & Technic's
(S. Shukla)

Gish
03/04/23

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

Ref:GIT:UP: PJM:23-24:LS: 487

Dated: 18-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gonariya
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 164.0 m bgl
Date of logging: 18-05-2023
Rm - 15.0 Ω m Rw - 18.0 Ω m

Borehole Drilled by: M/s Rithwik-Koya- (JV), Maharajganj, U.P. India.

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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 24	04	Good
2.	30 - 33	03	Good
3.	36 - 40	04	Good
4.	42 - 48	06	Good
5.	52 - 56	04	Good
6.	61 - 65	04	Good
7.	68 - 75	07	Good
8.	94 - 97	03	Good
9.	102 - 108	06	Good
10.	120 - 123	03	Good
11.	133 - 140	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 1 & 3 are highly intermixed with fine bands of Kankar.

Verified as per
logs provided

For Geo Instruments & Technic's
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GEO INSTRUMENTS & TECHNIC'S

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

Ref:GIT:UP: PJM:23-24:LS: 700

Dated: 09-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Phatakdauna
 Block: Siswa
 District: Maharajganj
 State: Uttar Pradesh
 Drilling Depth: 210.0 m bgl
 Logging Depth: 200.0 m bgl
 Date of logging: 08-06-2023
 Rm -18.0 Ω m R_w -20.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya- JV, Maharajganj, U.P. India.

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 (meter)	Remark (Quality of Aquifer Water)
1.	37 - 50	13	Good
2.	55 - 75	20	Good
3.	101 - 105	04	Good
4.	131 - 135	04	Good
5.	149 - 155	06	Good
6.	174 - 180	06	Good
7.	185 - 195	10	Good

Note: Fine bands of kankar are intermixed with almost all the zones.

For Geo Instruments & Technic's

S. Shukla
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*Verified as per logs provided.
 Sr No 1-37-48 (11m)
 G. Shukla
 10/06/23*

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Ref:GIT:UP: PJM:23-24:LS: 403

Dated: 10-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

135

Site: Kamhariya
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 132.0 m bgl
Date of logging: 09-05-2023
Rm - 22.0 Ω m Rw - 21.0 Ω m

Borehole Drilled by: M/s Rithwik-Koya-JV, Maharajganj, U.P.

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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 24	04	Good
2.	30 - 43	13	Good
3.	53 - 57	04	Good
4.	65 - 68	03	Good
5.	72 - 79	07	Good
6.	111 - 121	10	Good

Note: Fine bands of kankar are intermixed with almost all the zones.

Verified as per logs provided.

GSh
11/05/23

For Geo Instruments & Technic's

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

Ref:GIT:UP: PJM:22-23:LS:1K- 212

Dated: 16-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sofra
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 184.0 m bgl
Logging Depth: 164.0m bgl
Date of logging: 16-01-2023
Rm - 20.0 Ω m Rw - 27.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, 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 (meter)	Remark (Quality of Aquifer Water)
1.	15 - 18	03	Good
2.	32 - 46	14	Good
3.	55 - 70	15	Good
4.	74 - 87	13	Good
5.	114 - 123	09	Good
6.	135 - 139	04	Good
7.	160 - 164	04	Good

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

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Ref:GIT:UP: PJM-22-23:LS:1K- 357

Dated 31-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bagahi
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 200.0 m bgl
Logging Depth: 185.0m bgl
Date of logging: 31-01-2023
Rm -21.0 Ω m Rw - 32.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, 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 (meter)	Remark (Quality of Aquifer Water)
1.	32 - 42	10	Good
2.	53 - 63	10	Good
3.	66 - 76	10	Good
4.	87 - 91	04	Good
5.	104 - 107	03	Good
6.	116 - 119	03	Good
7.	134 - 138	04	Good
8.	146 - 152	06	Good
9.	156 - 162	06	Good
10.	173 - 177	04	Good

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

2. Zone Sl. No. 6 is fine sand in nature.

3. Zone Sl. No. 7 is fine to medium sand in nature.

Verified as per
logs provided.

GSh
31/01/23

For Geo Instruments & Technic's

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