



**AKD GEOMINING SOLUTIONS
(OPC) PRIVATE LIMITED**

Geological, Geophysical & Planning Services for Mineral Exploration

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GEOPHYSICAL DIGITAL LOGGING REPORT

SITE: SARTHARA DATE OF LOGGING: 02.12.2023
BLOCK: BANKI DRILLING DEPTH: 160 m
DISTRICT: BARABANKI LOGGING DEPTH: 160 m
STATE: UTTAR PRADESH LOGGING COMPANY: SHIV DRILLERS
LOG PROCESSED BY: AKDGSPL

Based on the downhole geophysical parameters following information (in terms of granular zones) may be deciphered

Sl. No.	Depth		Thickness (m)	INFERRED LITHOLOGY	Remark (Quality of Aquifer Water)
1	0	10	10	TOP SOIL	
2	10	14	4	SANDY CLAY	
3	14	25	11	CLAYEY SAND	
4	25	39	14	FINE TO MEDIUM SAND	GOOD
5	39	42	3	FINE SAND	GOOD
6	42	54	12	FINE TO MEDIUM SAND	GOOD
7	54	60	6	CLAYEY SAND	
8	60	79	19	FINE TO MEDIUM SAND	GOOD
9	79	84	5	CLAYEY SAND	
10	84	90	6	SANDY CLAY	
11	90	95	5	CLAYEY SAND	
12	95	100	5	SANDY CLAY	
13	100	105	5	FINE SAND	GOOD
14	105	108	3	SANDY CLAY	
15	108	111	3	FINE SAND	GOOD
16	111	118	7	SANDY CLAY	
17	118	120	2	FINE SAND	GOOD
18	120	126	6	CLAYEY SAND	
19	126	130	4	CLAY	
20	130	149	19	SANDY CLAY	
21	149	160	11	CLAYEY SAND	

NOTE:- 1. ALL zones have intermixed with thin band of kankar

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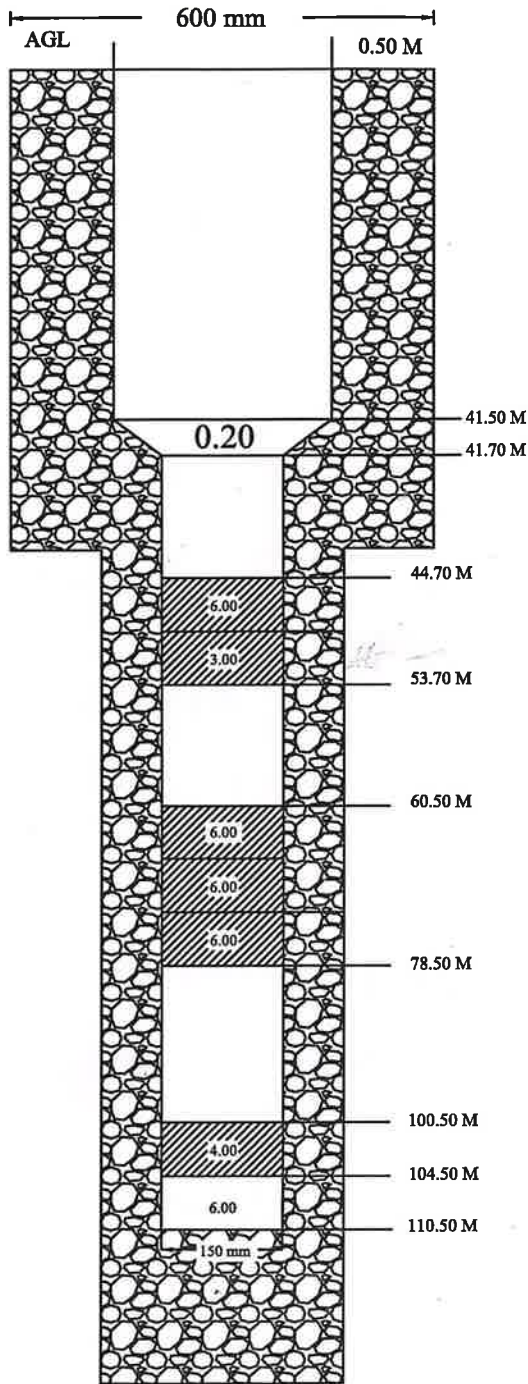

Director

Authorized Signatory

AKD GEOMINING SOLUTIONS (OPC) PRIVATE LIMITED

Office: Mahananda Apartment, Lake Avenue, Kanke Road, Ranchi - 834008, Jharkhand
Geology | Mining | Geophysics | Ground Water | Engineering & Environmental Investigation
Down Hole Geophysics | Hydrogeology | Expln. & Mining Project Management

**PROPOSED T.W. ASSEMBLY CHART OF SARTHARA W/S SCHEME
BLOCK - BANKI, DIST. - BARABANKI**



Discharge - 760 LPM
 Assembly Size - 300 X 150 mm Ø
 Bore - 600 X 450 mm Ø
 Logging Date : (02-12-2023)
 Lowering Date : (03-12-2023)

RUN#	BIT RECORD			CASING RECORD			
	SIZE	FROM	TO	SIZE	WEIGHT	FROM	TO
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1. 300 mm Ø Plain Pipe	42.00 m
2. 150 mm Ø Plain Pipe	37.80 m
3. 150 mm Ø Slotted Pipe	31.00 m
4. Reducer	0.20 m
5. Total Lowering	111.00 m
6. A.G.L.	0.50 m
7. B.G.L.	110.50 m



PNC-SPML JV
 PNC Tower 3/22 - D
 CIVIL LINE
 Agra

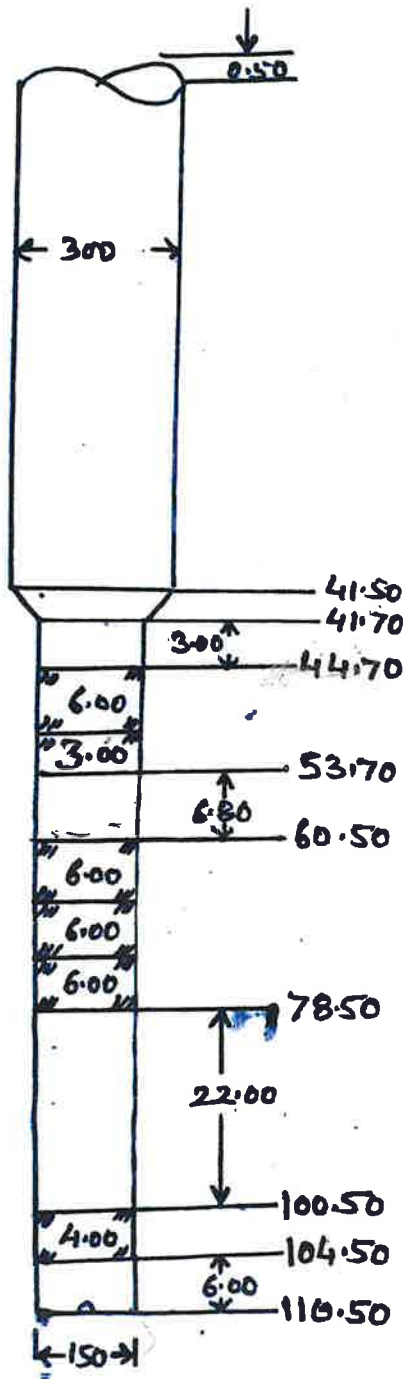


[Signature]
 JUNIOR ENGINEER

[Signature]
 ASSISTANT ENGINEER

[Signature]
 EXECUTIVE ENGINEER

Proposed TW Assembly chart of Sarthara w/s scheme block - Banki distt
Barabanki



- 1- Discharge - 760 LPM
- 2- Motor HP - 12.5 HP.
- 3- Assembly size - 300 x 150
- 4- Bore ϕ = 600 x 450 mm
- 5- Logging Report of

- 1- 25-39 = 14 Fine to med. s
- 2- 39-42 = 3 Fine sand - s
- 3- 42-54 = 12 Fine to med. s
- 4- 60-79 = 19 Fine to med. s
- 5- 100-105 = 5 Fine sand - g
- 6- 108-111 = 3 Fine sand g
- 7- 118-120 = 2 Fine sand g