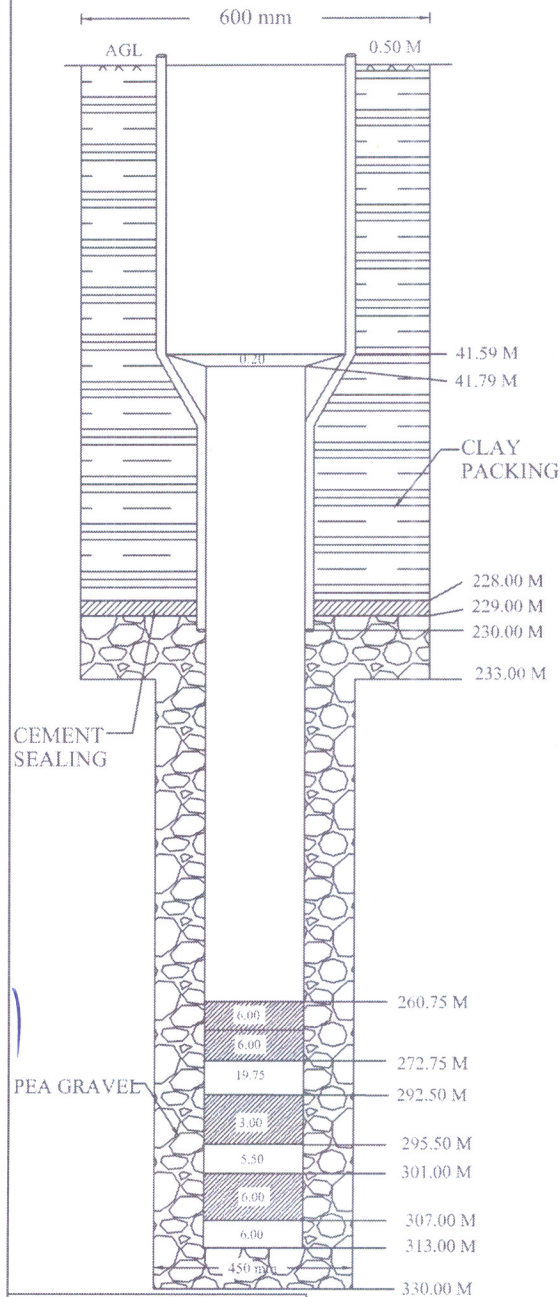


ACTUAL T.W. ASSEMBLY CHART OF TRIKOLIYA W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION : (BLOCK - HUZOORPUR)



Bore size - 600 mm X 450 mm
T.W. Assy - 300 mm X 150 mm
Discharge - 700 LPM/37M
Lowering date - 10-05-2023

Logging Report :(08-05-2023)

Sl. No	From (m)	Length (m)	Thickness (m)	Inferred lithology	Remarks Quality of Aquifer (Water)
1	0	10	10	Top soil	
2	10	10.5	10.5	Coarse to medium grain sand	Good
3	20.5	20.5	20	Medium grain sand	Good
4	41.0	41.0	0	Unconsolidated	
5	41.0	41.0	20.5	Medium grain sand	Good
6	41.0	41.0	8.5	Medium to fine grain sand	Good
7	41.0	41.0	11	Medium grain sand	Good
8	41.0	41.0	10	Sandy clay	Good
9	41.0	41.0	10	Medium grain sand	Good
10	41.0	41.0	42.9	Medium to fine grain sand	Good
11	129	129	15	Medium grain sand	Good
12	144	144	10.5	Medium to fine grain sand	Good
13	154.5	222.5	68	Medium grain sand	Good
14	222.5	222.5	10	Sandy clay	
15	222.5	222.5	18	Clay and sand	
16	240.5	240.5	17.8	Medium to fine grain sand	Good
17	258	258	17	Clay and sand	
18	275	275	17	Medium grain sand	Good
19	292	292	17	Sandy clay	Good
20	309	309	17	Medium grain sand	Good
21	326	326	17	Sandy clay	Good
22	343	343	17	Medium grain sand	Good

PIPE DETAIL

HOUSING PIPE =42.09 M
PLAIN PIPE =250.21 M
SLOT PIPE =21.00 M

Total = 313.00 + 0.50 (AGL)
313.50 M

PNC-SPML JV
PNC Tower 3/22 - D



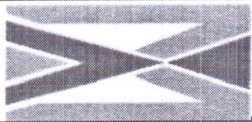
SPML

ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER





MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TIRKOLIYA	DATE OF LOGGING:	08.05.2023
BLOCK:	HUZOORPUR	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.22 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.915 ohm\m	Rw	0.873 ohm\m
DISTRIC	BAHRAICH		

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	10	10	Top Soil	
2	10	17.5	7.5	Coares to medium grain sand	Good
3	17.5	35.5	18	Medium grain sand	Good
4	35.5	41.5	6	Fine sediment	
5	41.5	62	20.5	Medium grain sand	Good
6	62	71.5	9.5	Medium to fine grain sand	Good
7	71.5	82.5	11	Medium grain sand	Good
8	82.5	91.5	9	Sandy clay	
9	91.5	106.5	15	Medium grain sand	Good
10	106.5	129	22.5	Medium to fine grain sand	Good
11	129	144	15	Medium grain sand	Good
12	144	154.5	10.5	Medium to fine grain sand	Good
13	154.5	222.5	68	Medium grain sand	Good
14	222.5	232.5	10	Sandy clay	
15	232.5	260.5	28	Clay and sand	
16	260.5	273	12.5	Medium to fine grain sand	Good
17	273	292	19	Clay and sand	
18	292	296	4	Medium grain sand	Good
19	296	300.5	4.5	Sandy clay	
20	300.5	307.5	7	Medium grain sand	Good
21	307.5	321	13.5	Sandy clay	
22	321	328	7	Medium grain sand	Good



CC;

- 1.Executive Engineer,C.D.(Rural);U.P. Jal Nigam, Gonda
- 2.M/S PNC Infratech Limited,Bahraich

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist