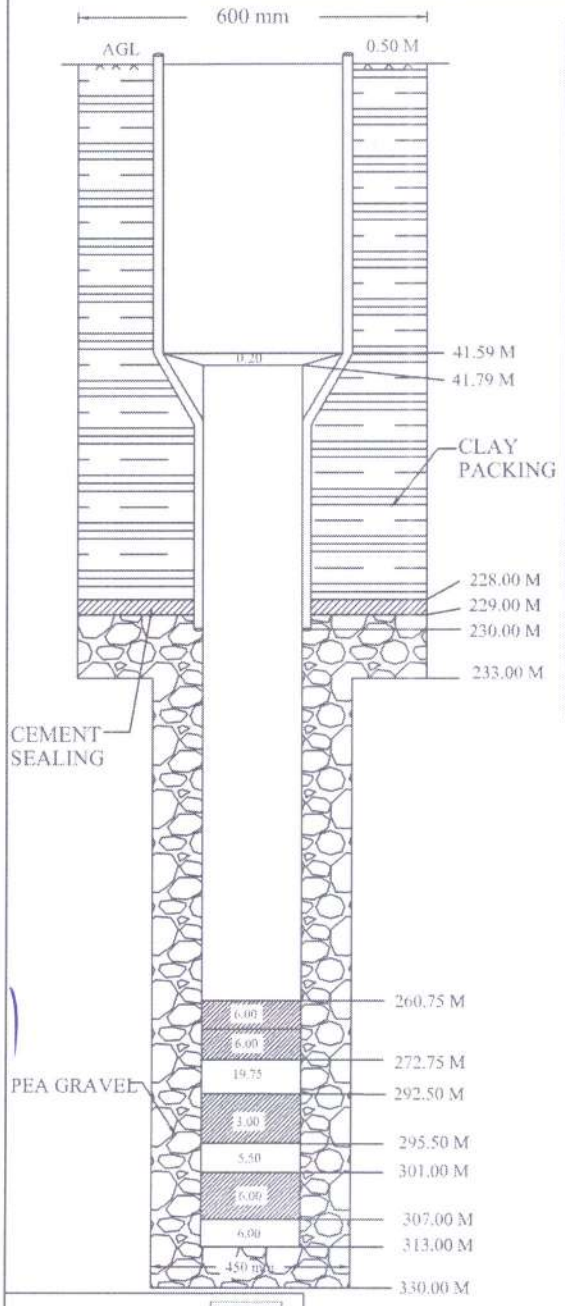
ACTUAL T.W. ASSEMBLY CHART OF TRIKOLIYA W/S SCHEME BAHRAICH

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	Depth From (M)	Depth To (M)	Thickness (M)	Inferred Lithology	Aquifer(s) Quality of Aquifer Water
1	0	10	10	Top Soil	
2	10	17.5	7.5	Coarse to medium grain sand	Good
3	17.5	41.5	24	Medium grain sand	Good
4	41.5	42.5	1	Fine sand/silt	
5	42.5	51	29.5	Medium grain sand	Good
6	51	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	163.5	9	Medium grain sand	Good
14	163.5	173.5	10	Sandy clay	
15	173.5	253.5	80	Clay and sand	
16	253.5	266.5	13	Medium to fine grain sand	Good
17	266.5	274	7.5	Clay and sand	
18	274	292	18	Clay and sand	
19	292	298	6	Medium grain sand	Good
20	298	302.5	4.5	Sandy clay	
21	302.5	307.5	5	Medium grain sand	Good
22	307.5	321	13.5	Sandy clay	
23	321	330	9	Medium grain sand	Good

PIPE DETAIL	
HOUSHING 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

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

PNC-SPML JOINT VENTURE
BAHRAICH

MAPL

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

PNC - SPML JOINT VENTURE BAHRAICH

For Mining Associates Pvt. Ltd.
B. Bhaskar Rao
Geophysicist

Seen

CC;

1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda

2.M/S PNC Infratech Limited,Bahraich