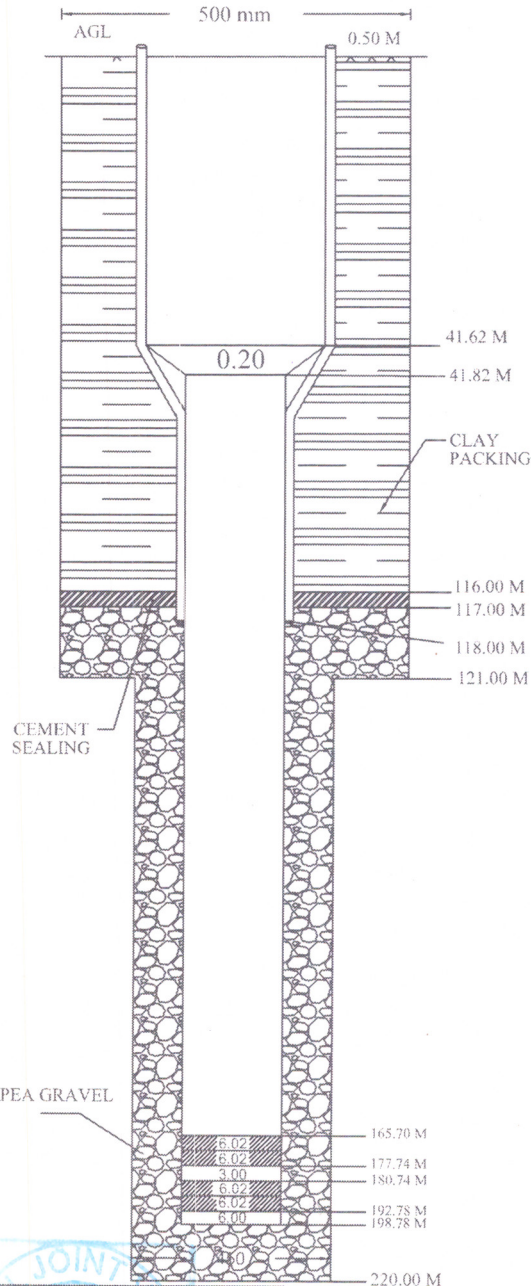


ACTUAL T.W. ASSEMBLY CHART OF SEMARA W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION (BLOCK -VISHESHWARGANJ)



Bore size -500mm X 450 mm
T.W. Assy -200 mm X 150 mm
Discharge -217 LPM/ 39 M
Lowering date -03-04-2023

Logging Report : (01-04-2023)

Sl. No.	From (m)	Depth (m)	To (m)	Thickness (m)	Inferred lithology	Remark/ Quality of Aquifer Water
1	0	4	4	4	Top Soil	
2	4	8	8	4	Medium to fine grain sand	Good
3	8	36.5	28.5	28.5	Coarse to medium grain sand	Good
4	36.5	47.5	11	11	Clay with sand	
5	47.5	70	22.5	22.5	Medium grain sand with kankar	Good
6	70	79	9	9	Medium to fine grain sand	Good
7	79	84	5	5	Clay with sand	
8	84	87	3	3	Medium to fine grain sand	Good
9	87	91.5	4.5	4.5	Clay	
10	91.5	99	7.5	7.5	Medium to fine grain sand	Good
11	99	101.5	2.5	2.5	Clay	
12	101.5	111.5	10	10	Medium grain sand	Good
13	111.5	118	6.5	6.5	Clay	
14	118	122	4	4	Medium grain sand	Good
15	122	130	8	8	Clay	
16	130	135	5	5	Medium grain sand	Good
17	135	145.5	10.5	10.5	Sandycaly	
18	145.5	157	11.5	11.5	Medium to fine grain sand	Good
19	157	162	5	5	Fine sediment	
20	162	180	18	18	Coarse to medium grain sand	Good
21	180	194	14	14	Medium to fine grain sand	Good
22	194	196.5	2.5	2.5	Fine sediment	
23	196.5	199	2.5	2.5	Medium to fine grain sand	Good
24	199	206.5	7.5	7.5	Clay with sand	
25	206.5	219	12.5	12.5	Medium to fine grain sand	Good

PIPE DETAIL

HOUSING PIPE = 42.12 M
PLAIN PIPE = 132.88 M
SLOT PIPE = 24.08 M

Total = 198.78 + 0.50 (AGL)
= 199.28 M

PNC-SPML JV
PNC Tower 22 - D

JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

DIVISION OFFICE (RURAL)

U.P. JAL NIGAM RURAL SUPPLY & DISTRIBUTION DIVISION



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SEMRA	DATE OF LOGGING:	01.04.2023
BLOCK:	VISHESHWAR GANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.30M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.843ohm\m	Rw	0.786ohm\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	4	4	Top Soil	
2	4	8	4	Mediam to fine grain sand	Good
3	8	36.5	28.5	Coares to medium grain sand	Good
4	36.5	47.5	11	Clay with sand	
5	47.5	70	22.5	Mediam grain sand with kankar	Good
6	70	79	9	Mediam to fine grain sand	Good
7	79	84	5	Clay with sand	
8	84	87	3	Mediam to fine grain sand	Good
9	87	91.5	4.5	Clay	
10	91.5	99	7.5	Mediam to fine grain sand	Good
11	99	101.5	2.5	Clay	
12	101.5	111.5	10	Mediam grain sand	Good
13	111.5	118	6.5	Clay	
14	118	122	4	Mediam grain sand	Good
15	122	130	8	Clay	
16	130	135	5	Mediam grain sand	Good
17	135	145.5	10.5	Sandycaly	
18	145.5	157	11.5	Mediam to fine grain sand	Good
19	157	162	5	Fine sediment	
20	162	180	18	Coares to medium grain sand	Good
21	180	194	14	Mediam to fine grain sand	Good
22	194	196.5	2.5	Fine sediment	
23	196.5	199	2.5	Mediam to fine grain sand	Good
24	199	206.5	7.5	Clay with sand	
25	206.5	219	12.5	Mediam to fine grain sand	Good

Seen

For Mining Associates Pvt. Ltd.

JOINT ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Geophysicist

CC;

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

JOINT ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA