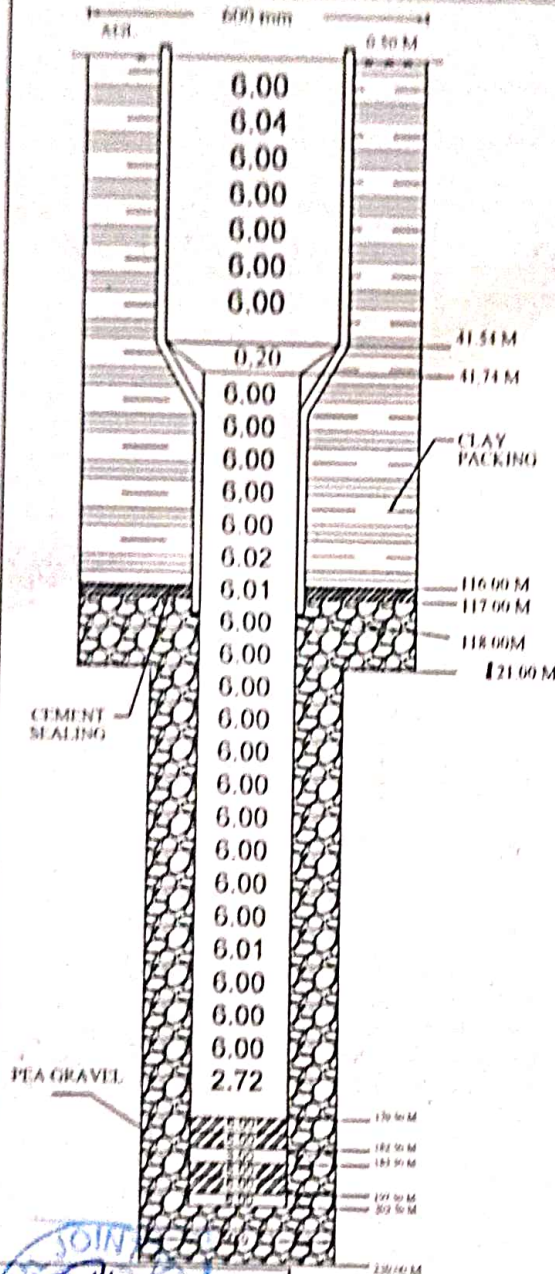


ACTUAL T.W. ASSEMBLY CHART OF BAKHATAWR GAON W/S SCHEME, BAHRAICH

UNDERJAL HLEVAN MISSION (BLOCK NAWABGANJ)



Bore size -600mm X 450 mm
T.W. Assy -300 mm X 150 mm
Discharge -700 LPM/41 m/15 HP
Lowering date -08-09-2022

Logging Report : (04-09-2022)

- 1-1.0-3-3 M (TOP SOIL)
2-3-9-6 MICLA (YATH SAND)
3-9-24-15 M
4-24-28-4 M (CLAY)
5-28-38-50-10 50M
6-38-50-40-50-2M
7-40-50-48-7.50 M
8-48-52-4M
9-52-55-3 M
10-55-58-3M
11-58-60-2M (CLAY)
12-60-68-8M
13-68-72-4M
14-72-85-13M
15-85-89-4M
16-89-97-50-8.5 M
17-97-50-101-3.5 M (CLAY)
18-101-107-6 M
19-107-118-11M (CLAY)
20-118-122-4M
21-122-130-8 M
22-130-132-2M
23-132-135-4 M (CLAY)
24-135-138-2M
25-138-147-50-9.50 M
26-147-50-149-1.50M
27-149-152-3M (CLAY)
28-152-170-18M
29-170-174-4M
30-174-184-10M
31-184-190-6M
32-190-199-9M
33-199-206-5-7.5M
34-206-50-210-3.50M (CALY)
35-210-215-50-5.50M
36-215-50-220-4.5M (CLAY)

$$\text{Total} = 203.50 + 0.50(\text{ACIL})$$

$$= 204.00 \text{ M}$$

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

Head Office : PNC Infratech Limited (Lead Member of PNC - SPML JV), PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra, UP, PIN-282002
Tel : 91-562-4070000 (30 Lines), 91-562-4054400 (30 Lines), Email : ho@pncinfratech.com

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAKHTAWAR GAON	DATE OF LOGGING:	04.09.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.23M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

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	3	3	Top Soil	
2	3	9	6	Clay with sand	
3	9	24	15	Medium to fine grain sand	Good
4	24	28	4	Clay	
5	28	38.5	10.5	Clay with sand	
6	38.5	40.5	2	Fine grain sand	Medium
7	40.5	48	7.5	Medium grain sand	Good
8	48	52	4	Fine grain sand	Medium
9	52	55	3	Medium to fine grain sand	Good
10	55	58	3	Fine grain sand	Medium
11	58	60	2	Clay	
12	60	68	8	Coares to medium grain sand	Good
13	68	72	4	Medium to fine grain sand	Good
14	72	85	13	Fine grain sand	Medium
15	85	89	4	Medium to fine grain sand	Good
16	89	97.5	8.5	Fine grain sand	Medium
17	97.5	101	3.5	Clay	
18	101	107	6	Fine grain sand	Medium
19	107	118	11	Clay	
20	118	122	4	Fine grain sand	Medium
21	122	130	8	Clay with sand	
22	130	132	2	Medium to fine grain sand	Good
23	132	136	4	Medium grain sand	Good
24	136	138	2	Medium to fine grain sand	Good
25	138	147.5	9.5	Fine grain sand	Medium
26	147.5	149	1.5	Medium grain sand	Good
27	149	152	3	Clay	
28	152	170	18	Clay with sand	
29	170	174	4	Medium grain sand	Good
30	174	184	10	Fine grain sand	Medium
31	184	190	6	Medium to fine grain sand	Good
32	190	199	9	Fine grain sand	Medium
33	199	206.5	7.5	Medium to fine grain sand	Good
34	206.5	210	3.5	Clay	
35	210	215.5	5.5	Fine grain sand	Medium
36	215.5	220	4.5	Clay	

For Mining Associates Pvt. Ltd



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

Ashok Kumar
Geophysicist