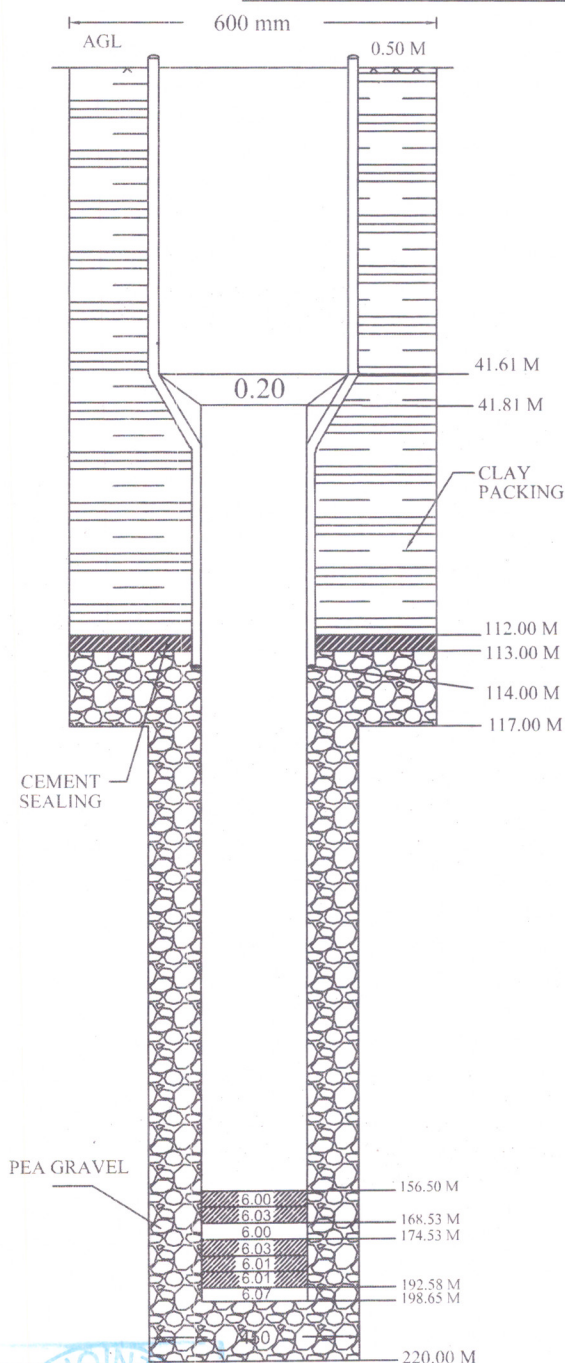


~~ACTUAL T.W. ASSEMBLY CHART OF SHEKAPUR W/S SCHEME BAHRAICH~~

UNDER JAL JEEVAN MISSION (BLOCK -VISHESHWARGANJ)



Bore size -600mm X 450 mm
T.W. Assy -300 mm X 150 mm
Discharge -700 LPM/ 41 M
Lowering date -07-01-2023

Logging Report : (06-01-2023)

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark/ Quality of Aquifer (Water)
	From (m)	To (m)			
1	0	7	7	Top Soil	
2	7	19.5	12.5	Clay with sand	
3	19.5	27.5	8	Medium to Fine grained Sand	Good
4	27.5	32	4.5	Fine sediment	Medium
5	32	53	21	Medium grained sand	Good
6	53	68.5	15.5	Medium to Fine grained sand	Good
7	68.5	76.5	8	Clay	
8	76.5	83	6.5	Fine grain sand	Medium
9	83	90	7	Medium to Fine grained Sand	Good
10	90	97.5	7.5	Medium grained sand	Good
11	97.5	108.5	11	Medium to fine grained Sand	Good
12	108.5	114	5.5	Clay with sand	
13	114	160	46	Medium grained sand	Good
14	160	169.5	9.5	Medium to Fine grained Sand	Good
15	169.5	174	4.4	Clay with sand	
16	174	180	6	Medium grained sand	Good
17	180	193.5	13.5	Medium to fine grained Sand	Good
18	193.5	198	4.5	Medium grained sand	Good
19	198	208.5	10.5	Medium to Fine grained Sand	Good

PIPE DETAIL	
HOUSHING PIPE	= 42.11 M
PLAIN PIPE	= 126.76 M
SLOT PIPE	= 30.08 M

$$\begin{aligned}\text{Total} &= 198.65 + 0.50 \text{ (AGL)} \\ &= 199.15 \text{ M}\end{aligned}$$

PNC-SPML JV
PNC Tower 3/22 - D

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

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

EXECUTIVE ENGINEER

Site Office : PNC - SPML (JV), H.No. 141, Behind Panchwati Hotel Near Durga Mandir Hanuman Colony, Sufipura, Bahraich, UP, PIN-271801

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:	SHEKAPUR	DATE OF LOGGING:	06.01.2023
BLOCK:	VISHESHWAR GANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.44M
ENGG:	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	7	7	Top Soil	
2	7	19.5	12.5	Clay with sand	
3	19.5	27.5	8	Medium to Fine grained Sand	Good
4	27.5	32	4.5	Fine sediment	Medium
5	32	53	21	Medium grained Sand	Good
6	53	68.5	15.5	Medium to Fine grained Sand	Good
7	68.5	76.5	8	Clay	
8	76.5	83	6.5	Fine grain sand	Medium
9	83	90	7	Medium to Fine grained Sand	Good
10	90	97.5	7.5	Medium grained Sand	Good
11	97.5	108.5	11	Medium to Fine grained Sand	Good
12	108.5	114	5.5	Clay with sand	
13	114	160	46	Medium grained Sand	Good
14	160	169.5	9.5	Medium to Fine grained Sand	Good
15	169.6	174	4.4	Clay with sand	
16	174	180	6	Medium grained Sand	Good
17	180	193.5	13.5	Medium to Fine grained Sand	Good
18	193.5	208.5	15	Medium grained Sand	Good
19	208.5	220	11.5	Medium to Fine grained Sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist



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