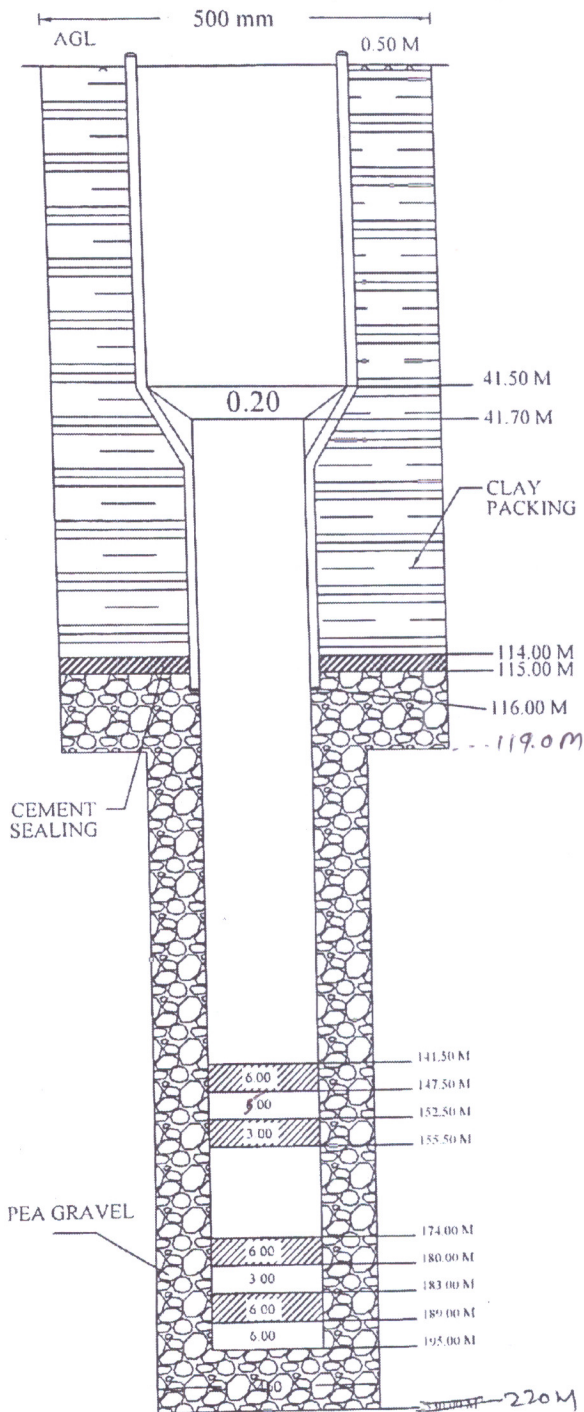


ACTUAL T.W. ASSEMBLY CHART OF KHAIRAHANIYA LAXMANPUR GULALDEEH W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION (BLOCK -NAWABGANJ)



Bore size -500mm X 450 mm
T.W. Assy -200 mm X 150 mm
Discharge -510LPM/39M/10HP

Logging Report : (05-01-2024)

Sl. No.	Depth		Thickness (m)	Inferred lithology
	From (m)	To (m)		
1	0	10	10	Top soil
2	10	17.5	7.5	Medium to fine grain sand
3	17.5	32.5	15	Sandstone
4	32.5	37	4.5	Medium grain sand
5	37	55	18	Clay with sand
6	55	63	8	Coarse grain sand
7	63	67	4	Clay
8	67	71	4	Clay with sand
9	71	92.5	21.5	Clay with sand
10	92.5	95	2.5	Medium to fine grain sand
11	95	103	8	Clay
12	103	105	2	Medium grain sand
13	105	110	5	Clay with sand
14	110	113	3	Medium grain sand
15	113	116	3	Medium to fine grain sand
16	116	117	1	Clay
17	117	118	1	Medium grain sand
18	118	119	1	Clay with sand
19	119	120	1	Medium to fine grain sand
20	120	121	1	Fine sandstone
21	121	122	1	Medium grain sand
22	122	123	1	Clay
23	123	124	1	Medium grain sand
24	124	125	1	Clay with sand

PIPE DETAIL

HOUSING PIPE	42.00 M
SLOT PIPE	21.00 M
PLAIN PIPE	132.30 M
REDUCER	0.20 M
TOTAL	195.50 M

PNC-SPML JV
PNC Tower 3/22 - D



Sm
JUNIOR ENGINEER

R-12
ASSISTANT ENGINEER

modu
EXECUTIVE ENGINEER



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KHAIRAHANIYA	DATE OF LOGGING:	05.01.2024
BLOCK:	NAWABGANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	217.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.9 ohm.m	Rw	13.3 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	Medium to fine grain sand	Good
3	17.5	32.5	15	Sandyclay	
4	32.5	37	4.5	Medium grain sand	Good
5	37	56	19	Clay with sand	
6	56	63	7	Coares grain sand	Good
7	63	67	4	Clay	
8	67	74	7	Coares grain sand	Good
9	74	92.5	18.5	Clay with sand	
10	92.5	99	6.5	Medium to fine grain sand	Good
11	99	101	2	Clay	
12	101	105	4	Medium grain sand	Good
13	105	116	11	Clay with sand	
14	116	133	17	Medium grain sand	Good
15	133	148	15	Medium to fine grain sand	
16	148	152	4	Clay	
17	152	156	4	Medium grain sand	Good
18	156	174	18	Clay with sand	
19	174	180	6	Medium to fine grain sand	Good
20	180	182	2	Fine sediment	
21	182	190	8	Medium grain sand	Good
22	190	192	2	Clay	
23	192	195	3	Medium grain sand	Good
24	195	217	22	Clay with sand	

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist



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

Seen
Sm

Seen
QAD