

APL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TEER GAOM	DATE OF LOGGING:	11.02.2023
BLOCK:	HARAKH	DRILLING DEPTH:	165.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	166.24M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.490ohm/m	Rw	0.482ohm/m
DISTRIC	BARABANKI		

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)			
				Top Soil	
1	0	10	10	Fine grain sand	Medium
2	10	22	12	Fine sediment	Medium
3	22	26	4	Medium to fine grain sand	Good
4	26	48	22	Fine grain sand	Medium
5	48	64	16	Fine sediment	Medium
6	64	68	4	Fine grain sand	Medium
7	68	72	4	Clay	
8	72	80	8	Fine grain sand	Medium
9	80	104	24	Clay with sand	
8	104	164	60		

NOTE:-

1 ALL zones has intermixed with high band of kankar

Verified as per logs provided.
 Note - Groundwater quality is interpreted by femas per their loggers calibration
 GCh
 14/02/23
 Mining Associates Pvt. Ltd.
 Ashok Kumar
 Geophysicist

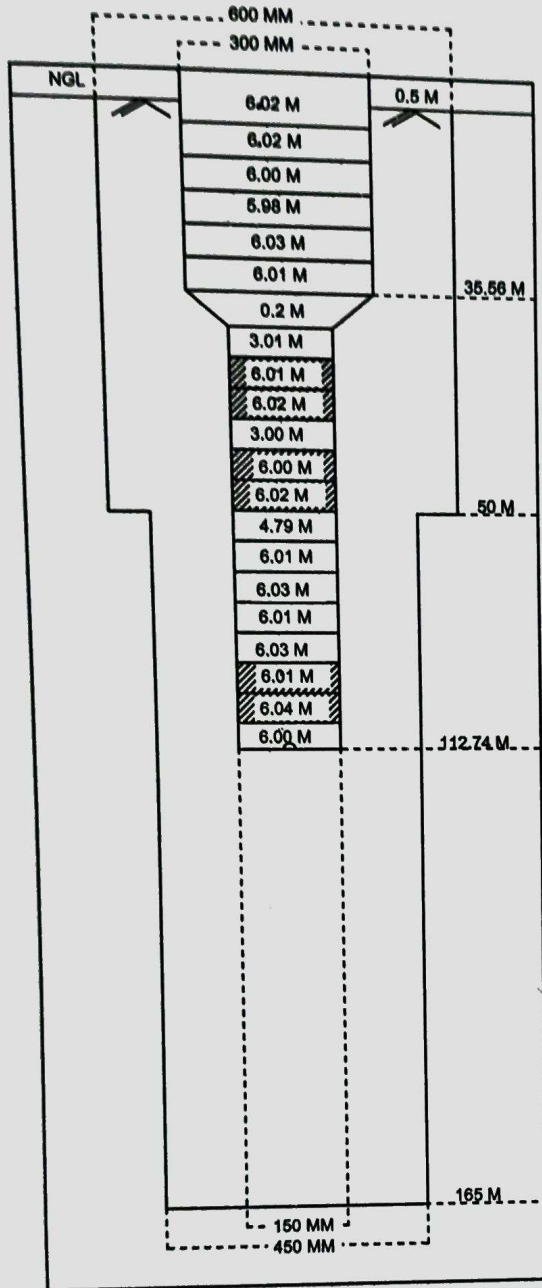
STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME
NAME OF SITE
NAME OF COMPANY

BARABANKI WSS
TEER GAON
PNC-SMPL JV

BLOCK
DISTRICT

HARAKH
BARABANKI



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8	104	164	60	Clay with sand	

SLNO	DESCRIPTION	METER	REMARKS
1	300 MM PLAIN PIPE	36.06	
2	REDUCER	0.2	
3	150 MM PLAIN PIPE	40.88	
4	150 MM SLOTTED PIPE	36.1	
5	B.G.L	112.74	
6	A.G.L	0.5	
	TOTAL	113.24	



	<i>Jay</i>	<i>[Signature]</i>	
Prepared by PNC-SMPL JV	CHECKED BY JR. ENGINEER	RECOMMENDED BY ASST. ENGINEER	APPROVED BY EXECUTIVE ENGINEER