

R'22

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

WK 09 • 052-313

FEB  
MON

21

Patna Khar W.S.S.T.O. Block Santha Rüt Sant Kablongan under  
 Bore Size  $\Rightarrow$  1500mm dia 165/150m MISMEIL Sant Kablongan  
 Assembly Size  $\Rightarrow$  2000150mm dia R. of Lowering  $\Rightarrow$  15.4.22  
 Required discharge  $\Rightarrow$  300 lpm

Logging Report dated 12<sup>th</sup> 22  
 S.N. Depth Range Thickness

1. 32-36  $\Rightarrow$  4m
2. 40-44  $\Rightarrow$  4m
3. 46-49  $\Rightarrow$  3m
4. 55-67  $\Rightarrow$  12m
5. 90-100  $\Rightarrow$  10m
6. 111-114  $\Rightarrow$  3m F.S.
7. 120-127  $\Rightarrow$  7m
8. 135-138  $\Rightarrow$  3m F.S.  
165/159m

36.00m  
 12.05m  
 24.01m  
 132.94m  
 0.20m  
 133.14m

6.02m		0.50m
6.01m		
6.04m		
6.00m		
6.01m		
6.01m		35.50m
0.20m		35.70m
6.01m		
6.01m	24.72m	
6.00m		
3.70m		
3.00m		60.50m
6.01m		66.51m
6.01m		
6.02m		
6.00m		
6.01m		
6.01m	54.09m	
6.01m		
6.02m		
6.01m		
6.01m		120.60m
6.04m		126.64m
6.00m		132.64m

R.L +0.50m  
 tot 133.14m

*[Signature]*

MISMEIL SKM  
 MIS FICHTNER SKM

JE ME EE 2022

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E-mail : geo.instruments.technic@gmail.com

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:21-22:LS: 26

Dated: 12-04-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Patana Khas  
Block: Santha  
District: Sant Kabir Nagar  
State: Uttar Pradesh  
Drilling Depth: 165.0 m bgl  
Logging Depth: 159.0 m bgl  
Date of logging: 11-04-2022  
Rm - 16.0  $\Omega$ m Rw - 14.0  $\Omega$ m

Borehole Drilled by: M/o MEIL, Sant Kabir Nagar, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6") geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	32 - 36	04	Good
<del>2.</del>	40 - 44	04	Good
<del>3.</del>	46 - 49	03	Good
<del>4.</del>	55 - 67	12	Good
<del>5.</del>	90 - 100	10	Good
<del>6.</del>	111 - 114	03	Good
<del>7.</del>	120 - 127	07	Good
<del>8.</del>	135 - 138	03	Good

Note: Zone Sl. No. 6 and 8 are Fine Sand in nature.

For Geo Instruments & Technic's

*Verified as per logs provided.*

*S. Shukla*  
(S. Shukla)

*G. S. H.*  
ASSISTANT HYDROGEOLOGIST  
U.P. JAL NIGAM (RURAL)  
PRAYAG