

Name of GP: **Kolhwa**

BLOCK: **Pauli**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS																																						
		0.50m GL		SL Lowering Date - 14/03/2023																																						
				1 Tubewell Discharge in LPM 750 LPM																																						
				2 Drilling Depth 132 m Di Dia- Dia-																																						
				3 Tubewell Assembly Size - 300X150 mm																																						
				Depth Logged- Date of Logging-																																						
				<table border="1"> <thead> <tr> <th>Sl</th> <th>Depth Range Mbgf</th> <th>Thickness in Mtr.</th> <th>Remarks.</th> </tr> </thead> <tbody> <tr><td>1</td><td>18 - 22</td><td>4</td><td></td></tr> <tr><td>2</td><td>35 - 42</td><td>7</td><td></td></tr> <tr><td>3</td><td>47 - 51</td><td>4</td><td rowspan="5">all good</td></tr> <tr><td>4</td><td>55 - 61</td><td>6</td></tr> <tr><td>5</td><td>67 - 74</td><td>7</td></tr> <tr><td>6</td><td>83 - 87</td><td>4</td></tr> <tr><td>7</td><td>100 - 110</td><td>10</td></tr> <tr><td>8</td><td>115 - 119</td><td>4</td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td></tr> </tbody> </table>			Sl	Depth Range Mbgf	Thickness in Mtr.	Remarks.	1	18 - 22	4		2	35 - 42	7		3	47 - 51	4	all good	4	55 - 61	6	5	67 - 74	7	6	83 - 87	4	7	100 - 110	10	8	115 - 119	4		9			
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18	Soil	6.01		Note:- fine bands of kankar are intermixed with almost all the zones.																																						
		6.00		ASSEMBLY DETAILS																																						
		6.00		300 mm Dia Housing Pipe A.G.L. 0.50 m																																						
22	Sand + FK	6.04		300 mm Dia Housing Pipe B.G.L. 35.54 m																																						
		5.99		300X150 mm Dia Reducer 35.54 m to 35.74 m																																						
35	Clay	6.00		150 mm Dia Plain Pipe 35.74 m to 55.00 m																																						
		6.00	35.54 m	150 mm Dia Slotted Pipe 55.00 to 61.00 m																																						
42	Sand + FK	0.20		150 mm Dia Plain Pipe 61.00 to 67.5 m																																						
			35.74 m	150 mm Dia Slotted Pipe 67.5 to 73.51 m																																						
47	H. Clay	6.00		150 mm Dia Plain Pipe 73.51 to 83.52 m																																						
		6.04		150 mm Dia Slotted Pipe 83.52 to 86.52 m																																						
51	Sand + FK	1.22		150 mm Dia Plain Pipe 86.52 to 100.54 m																																						
		6.00	55.00 m	150 mm Dia Slotted Pipe 100.54 to 109.57 m																																						
55	Clay	6.00		mm Dia Pipe to																																						
		6.00	61.00 m	mm Dia Pipe to																																						
61	M. Sands + FK	4.00		mm Dia Pipe to																																						
		2.5	67.5 m	mm Dia Pipe to																																						
67	H. Clay	6.01		mm Dia Pipe to																																						
		6.01	73.51 m	mm Dia Pipe to																																						
74	M. Sands + FK	6.01		mm Dia Pipe to																																						
		4.00	83.52 m	mm Dia Pipe to																																						
83	Clay	4.00		mm Dia Pipe to																																						
		3.00	86.52 m	mm Dia Pipe to																																						
87	M. Sand + FK	6.01		Total assembly-114.37 Mtr. + A.G.L = 114.87 m																																						
		6.01		3- Proposed Assembly for lowering																																						
100	H. Clay	2.00		(1) 300MM DIA MSERW HOUSING PIPE = 36.04 m ✓																																						
		6.01	100.54 m	(2) 200MM DIA MSERW HOUSING PIPE =																																						
110	M. Sand + FK	9.03		(3) 150MM DIA MSERW PLAIN PIPE = 54.59 m ✓																																						
		9.03	109.57 m	(4) 150MM MSERW SLOTTED PIPE = 24.04 m ✓																																						
115	Clay	4.8		(5) 300/150 REDUCER = 0.20 m																																						
		4.8	114.37	(6) 200/150 REDUCER =																																						
119	Sand + FK			(7) 300MM DIA WELL CAP =																																						
				(8) 200MM DIA WELL CAP =																																						
132	H. Clay			(9) 150MM DIA CENTRE GUIDE =																																						
				(10) MM DIA BORE DIGGING =																																						
				(11) MM DIA BORE DIGGING =																																						
				(12) Gravel Packing =																																						
Total Depth-		AGL+0.50M		Total assembly- 114.87m																																						
		+0.50																																								
		TOTAL Assembly -																																								
		114.87																																								

[Signature]
MEIL (QC)

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TPI (FICHTNER)

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CLIENT(SWSM/UPIN)

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:22-23:LS:1K- 721

Dated: 13-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kolhwa
Block: Pouli
District: Sant Kabir Nagar
State: Uttar Pradesh
Drilling Depth: 134.0 m bgl
Logging Depth: 131.0 m bgl
Date of logging: 12-03-2023
Rm - 21.0 Ω m Rw - 22.5 Ω m

Borehole Drilled by: M/s 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 with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	18 - 22	04	Good
2.	35 - 42	07	Good
3.	47 - 51	04	Good
4.	55 - 61	06	Good
5.	67 - 74	07	Good
6.	83 - 87	04	Good
7.	100 - 110	10	Good
8.	115 - 119	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zones Sl. No. 4, 7 & 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G.S.H
13/03/23*