



JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-		
	GP- <u>SANVAL</u> Block- <u>MITHORA</u>		SL	Lowering Date- <u>01/06/22</u>	
			1	Water Discharge in LPM- <u>550 LPM</u>	
			2	Bore well Drilling-	
			3	Drilling Depth 500MM Dia- <u>132 mtr</u> 600MM Dia- <u>-</u>	
			4	Tube Well Assembly- <u>200 x 150</u>	
			5	300MM Dia	200MM Dia
			6		150MM Dia
				<u>36</u>	<u>84</u>
			1.- LOGGING REPORT		
			Depth Logged- <u>130</u> MBGL	Date of Logging- <u>27/05/22</u>	
			SL	Depth Range MBGL	Thickness in Mtr. Remark.
			1	<u>30 - 42</u>	<u>12</u> <u>Good</u>
			2	<u>50 - 69</u>	<u>19</u> <u>Good</u>
			3	<u>72 - 75</u>	<u>03</u> <u>Good</u>
			4	<u>92 - 96</u>	<u>04</u> <u>Good</u>
			5	<u>102 - 105</u>	<u>03</u> <u>Good</u>
			6	<u>110 - 116</u>	<u>06</u> <u>Good</u>
			7		
			8		
			9		
			10		
			11		
			ASSEMBLY DETAILS		
			<u>200</u> m.m Dia Housing Pipe A.G.L. <u>0.5</u>		
			<u>200</u> m.m Dia Housing Pipe <u>36.22</u>		
			<u>200</u> m.m Dia Reducer Pipe <u>35.72</u> to <u>35.84</u>		
			<u>150</u> m.m Dia Plain Pipe <u>35.84</u> to <u>55.95</u>		
			<u>150</u> m.m Dia Screen Pipe <u>55.95</u> to <u>67.95</u>		
			<u>150</u> m.m Dia Plain Pipe <u>67.95</u> to <u>110.16</u>		
			<u>150</u> m.m Dia Screen Pipe <u>110.16</u> to <u>116.16</u>		
			<u>150</u> m.m Dia Plain Pipe <u>116.16</u> to <u>120.16</u>		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			m.m Dia Pipe to m		
			TOTAL ASSEMBLY= <u>120.16</u> m+ A.G.L(m)= <u>120.66</u> m		
			3.- Proposed Assembly for Lowering		
			(1) 300MM DIA MSERW PLAIN PIPE = <u>-</u>		
			(2) 200 MM DIA MSERW PLAIN PIPE = <u>36.22 mtr</u>		
			(3) 150MM DIA MSERW PLAIN PIPE = <u>66.32 mtr</u>		
			(4) 300/150 MM DIA REDUCER = <u>-</u>		
			(5) 200/150 MM DIA REDUCER = <u>01</u>		
			(6) 150MM DIA MSERW SLOTTED PIPE = <u>18 mtr</u>		
			(7) 300 MM DIA WELL CAP = <u>-</u>		
			(8) 200MM WELL CAP = <u>01</u>		
			(9) 150MM DIA CENTER GUIDE = <u>-</u>		
			(10) GRAVEL PACKING = <u>-</u>		
			(11) 600 MM DIA BORE DIGGING = <u>-</u>		
			(12) 500 MM DIA BORE DIGGING = <u>1.35 mtr</u>		
			TOTAL ASSEMBLY = <u>120.66 mtr</u>		

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP:22-23:LS: 225
Dated: 27-05-2022

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Sonwal**
Block: **Mithaura**
District: **Mahrajganj**
State: **Uttar Pradesh**
Drilling depth: **135.0 m bgl**
Logging depth: **130.0 m bgl**
Date of logging: **27-05-2022**
Rm - **16.0 Ω m** Rw - **13.0 Ω m**

Borewell Drilled By M/S JMC India Limited, Maharajganj, 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 (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	30 - 42	12	Good
2.	50 - 69	19	Good
3.	72 - 75	03	Good
4.	92 - 96	04	Good
5.	102 - 105	03	Good
6.	110 - 116	06	Good

Note: ~~1.~~ Zone Sl. No. 4 is Fine Sand in nature.

~~2.~~ Fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

Note: Sr No 6-111-116 mbgl may consider.

For Geo Instruments & Technic's

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