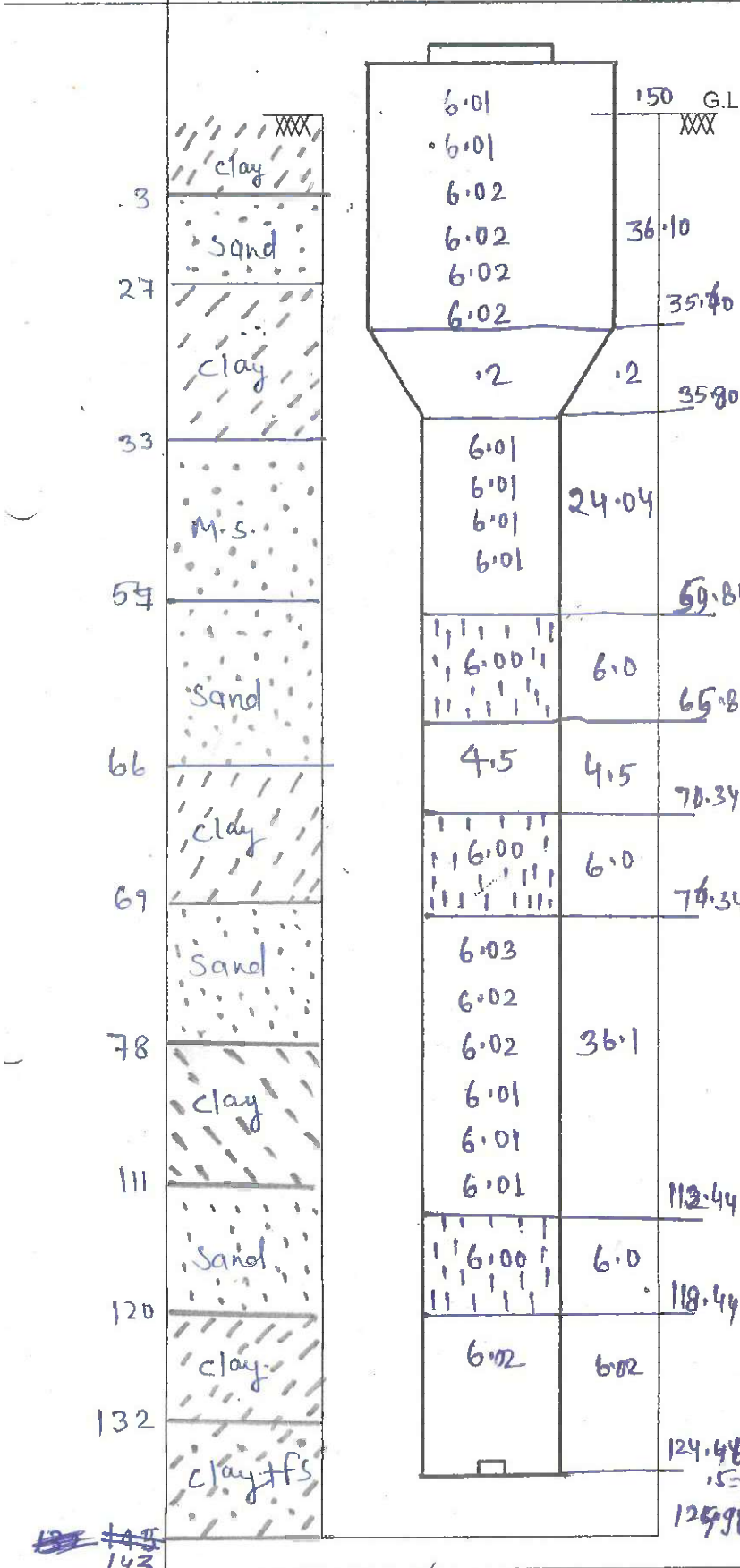


JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-	
	G.P. SEMRI Block- Siswa		SL	Lowering Date- 25.07.2022
			1	Water Discharge in LPM- 550
			2	Bore well Drilling-
			3	Drilling Depth 500MM Dia- 143 600MM Dia-
			4	Tube Well Assembly-
			5	300MM Dia 200MM Dia 150MM Dia
			6	36m 76.10m
			1.- LOGGING REPORT 18 slotted	
			Depth Logged- MBGL Date of Logging-	
			SL	Depth Range MBGL Thickness in Mtr. Remarks
			1	18-25 07 Good
			2	31-47 16 Good
			3	51-67 16 Good
			4	70-77 07 Good
			5	91-94 03 Good
			6	110-119 09 Good
			7	
			8	
			9	
			10	
			11	
			ASSEMBLY DETAILS	
			200m.m Dia Housing Pipe A.G.L. 1.5	
			200m.m Dia Housing Pipe 36.1	
			200m.m Dia Reducer Pipe 35.6 to 35.8	
			150m.m Dia Plain Pipe 35.8 to 59.84	
			150m.m Dia Jonsen Pipe 59.84 to 65.84	
			150m.m Dia Plain Pipe 65.84 to 70.34	
			150m.m Dia Jonsen Pipe 70.34 to 76.34	
			150m.m Dia Plain Pipe 76.34 to 112.44	
			150m.m Dia Jonsen Pipe 112.44 to 118.44	
			150m.m Dia Plain Pipe 118.44 to 124.64	
		m.m DiaPipe.....to.....	
		m.m DiaPipe.....to.....	
		m.m DiaPipe.....to.....	
			TOTAL ASSEMBLY= 124.64 m + A.G.L.(m)= 1.5 = 125.14 m	
			3.- Proposed Assembly for Lowering	
			(1) 300MM DIA MSERW PLAIN PIPE =	
			(2) 200 MM DIA MSERW PLAIN PIPE = 36.10	
			(3) 150MM DIA MSERW PLAIN PIPE = 70.66	
			(4) 300/150 MM DIA REDUCER =	
			(5) 200/150 MM DIA REDUCER = 200	
			(6) 150MM DIA MSERW SLOTTED PIPE = 18.00	
			(7) 300 MM DIA WELL CAP =	
			(8) 200MM WELL CAP =	
			(9) 150MM DIA CENTER GUIDE = 125.14	
			(10) GRAVEL PACKING = 35.87m	
			(11) 600 MM DIA BORE DIGGING =	
			(12) 500 MM DIA BORE DIGGING = 143	
			TOTAL ASSEMBLY = 125.14 + 143 = 268.14	









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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 426
Dated: 25-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Semari
Block: Siswa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 145.0 m bgl
Logging Depth: 123.0 m bgl
Date of logging: 24-07-2022
Rm - 28.0 Cm Rw - 30.0 Cm

Borehole 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 (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	18 - 25	07	Good
2.	31 - 47	16	Good
3.	51 - 67	16	Good
4.	70 - 77	07	Good
5.	91 - 94	03	Good
6.	110 - 119	09	Good

Note: Fine Bands of Kankar are Intermixed with almost all the Zones.

Verified as per logs provided.

Note: Sr No 5 is finer in nature.

For Geo Instruments & Technic's

(S. Shukla)

ASSISTANT GEOLOGIST
KANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

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