

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF :- SONBARSA
 TYPE OF RIG M/C :- RC
 STATIC WATER LEVEL :- 6 FEET
 D. O. L :- 09/04/2022

DISTRICT :- DEORIA BLOCK - BHALUANI
 SIZE OF BORE :- 600 X 500 MM
 NAME OF FIRM :- LC INFRA PVT LTD

REQUIRED DISCHARGE - 650 LPM

TUBEWELL ASSEMBLY SIZE - 200 X 150 MM HEAD - 45 M

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY		ASSEMBLY DETAILS	
			A.G.L	0.50 M		
0					200	m.m. Dia Housing Pipe 0 to 35.86 m
0-9		CLAY	6.07		200X150	m.m. Dia REDUCER 35.86 to 36.01 m
9-16		FINE SAND	6.05		150	m.m. Dia PLAIN Pipe 36.01 to 55.80 m
16-27		CLAY	6.06		150	m.m. Dia SCREEN Pipe 55.80 to 61.80 m
27-35		FINE SAND	6.06		150	m.m. Dia PLAIN Pipe 61.80 to 65.70 m
			6.07		150	m.m. Dia SCREEN Pipe 65.70 to 77.50 m
35-53		CLAY	6.05		150	m.m. Dia PLAIN Pipe 77.50 to 83.51 m
			6.05		150	m.m. Dia SCREEN Pipe 83.51 to 89.51 m
			0.15		150	m.m. Dia PLAIN Pipe 89.51 to 95.56 m
			6.03			
			6.02			
			6.01			
			6.00			
53-79		FINE TO MEDIUM SAND	3.70			
			6.00			
			6.00			
			6.01			
79-82		CLAY	6.01			
82-90		FINE TO MEDIUM SAND	6.00			
			6.05			
90-135		SANDY CLAY				

TOTAL ASSEMBLY 95.56 + AGL 0.50 = 96.06 m

ABSTRACT

1. Drilling Started _____
2. Drilling Completed/Lowering 09/04/2022
3. Drilling Depth 132 m
4. Assembly Lowered 96.06 m
5. Housing Pipe 36.36 m
6. Blind Pipe 35.55 m
7. Slotted Pipe 24 m
8. Reducer 0.15 m

LOGGING REPORT

DATE - 09/04/2022

1. 28-36 = 08 M
2. 55-62 = 07 M
3. 65-78 = 13 M
4. 83-91 = 08 M
5. 93-113 = 20 M
6. 120-124 = 04 M

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YIELD TEST REPORT BY 250 P.S.I COMPRESSOR

YIELD TEST REPORT BY O.P. UNIT

Date of Test - 18/04/2022 Static W/L 4.20 M Taste of Water SWEET

Date of Test -30/04/2022 Static W/L 4.20 M Taste of Water SWEET Orifice size- 6" X 4"

AIR LINE LOWER	DISCHARGE	ST.PR.	RU.PR.	DEPRE	Sand Contents					DISCH	R.W.L	S.W.L	DEPRE	Sand Contents							
					Mtr	INC	L.P.M	Kg	Kg					Kg	Mtr	Start	5 min	10 min	15 min	20 min	INC
	7.50	1346	5.80	5.40	0.40	4.00	3800	2200	1600	1400	1000	18.5	1040	9.25	4.15	5.10	250	200	170	100	50
	8.00	1578	6.70	6.20	0.50	5.00	4200	2600	1800	1500	1000	14.0	919	8.75	4.15	4.60	150	100	50	Tr	Cl
	8.50	1831	7.60	7.00	0.60	6.00	4600	2800	2000	1600	1200	10.5	794	7.65	4.15	3.50	50	Tr	Cl	Cl	Cl
	9.00	2109	8.80	8.20	0.60	6.00	5200	3400	2200	1800	1200	7.0	651	7.20	4.15	3.05	Tr	Cl	Cl	Cl	Cl

NOTE : RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.

NOTE : RECOMMENDED DISCHARGE

RUNNING BY PASS : 5 TO 10 MIN

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