

BORE WELL DEVELOPMENT CHART (B/D)

SWSM/DWSM

NCC LTD - GORAKHPUR (UP)

NAME OF THE DISTRICT: Jhansi  
 NAME OF THE BLOCK: Berhampur  
 NAME OF THE GRAM PANCHAYAT: Semra  
 NAME OF THE VILLAGE: Chura

TYPE OF RIG MC: RIC  
 SIZE OF BORE: 60 X 50 CM  
 STATIC WATER LEVEL: \_\_\_\_\_  
 J.E Incharge: \_\_\_\_\_ A.E Incharge: \_\_\_\_\_

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		CLAY		900 mm Dia Housing Pipe A.G.L. to 0.50 m
78.20				350/150 mm Dia Reducer 35.64 to 35.84
58.50				150 mm Dia BLIND pipe 35.84 to 37.50
62.50				150 mm Dia BLIND pipe 37.50 to 38.50
72.50				150 mm Dia BLIND pipe 38.50 to 40.50
				150 mm Dia BLIND pipe 40.50 to 42.50
				150 mm Dia BLIND pipe 42.50 to 46.50
				150 mm Dia BLIND pipe 46.50 to 50.50
				150 mm Dia BLIND pipe 50.50 to 54.50
				150 mm Dia BLIND pipe 54.50 to 58.50
78.20		MEDIUM SAND		mm Dia pipe m to m
82.50				mm Dia pipe m to m
82.50		CLAYEY SAND		mm Dia pipe m to m
88.50				mm Dia pipe m to m
88.50		FINE TO MEDIUM SAND		mm Dia pipe m to m
92.50				mm Dia pipe m to m
92.50		CLAY & KANKAR		mm Dia pipe m to m
98.50				mm Dia pipe m to m
98.50		FINE TO MEDIUM SAND		mm Dia pipe m to m
108.50				mm Dia pipe m to m
108.50		CLAYEY SAND & KANKAR		mm Dia pipe m to m
120.50				mm Dia pipe m to m
120.50		CLAY & KANKAR		mm Dia pipe m to m
128.20				mm Dia pipe m to m
128.20		FINE SAND		mm Dia pipe m to m
138.20				mm Dia pipe m to m
138.20		CLAY		mm Dia pipe m to m
150.00				mm Dia pipe m to m
Total Assembly = 126.50 m + A.G.L. (m) = 0.50 m = 127.00 m				

ABSTRACT

1. Drilling Started: \_\_\_\_\_
2. Drilling Completed/Lowering: \_\_\_\_\_
3. Drilling Depth (m): 127.00 m <sup>Alt</sup> 155 m
4. Assembly Lowered (m): 127.00 m
5. Housing Pipe (m): 35.14 m
6. Plain Pipe (m): 73.66 m
7. Slotted Pipe (m): 18.00 m
8. Reducer (m): 0.20 m

LOGGING REPORT

1. 36 - 48 = 12.00 m
2. 58 - 62 = 4.00 m
3. 72 - 78 = 6.00 m
4. 108 - 120 = 12.00 m
5. 128 - 138 = 10.00 m
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

SOUND TEST: \_\_\_\_\_  
 VERTICALITY TEST: \_\_\_\_\_

NCC LD

JE & AE

S.M.G.T.P.L.A

E.E

187



# GROUND WATER INVESTIGATION CENTRE

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/312

Date: 22-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Semra Khurd, Block – Barhalganj, Distt. – Gorakhpur

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : 155.00 mbgl

Date of Logging : 22.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging..

Bore Hole Drilled by: NCC Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strara	R <sub>mf</sub> & R <sub>w</sub>
1	36 – 48	12	Good	R <sub>mf</sub> = 10.59 Ωm R <sub>w</sub> = 15.52 Ωm
2	58 – 62	4	Good	
3	72 – 79 ✓	7	Good - 6'	
4	108 – 124 ✓	16	Good 12'	
5	128 – 138	10	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

72.5 + 6 + 76.5 + 32 +  
12  
m + 6m

$$\begin{array}{r} 108 \\ 12.5 \\ \hline 120.5 \end{array}$$

$$\begin{array}{r} 108.5 \\ 12.0 \\ \hline 120.5 \\ 6.0 \\ \hline 126.5 \end{array}$$

  
  
 (A.K. Singh)  
 Geophysicist