

**NCC Limited**

(Formerly Nagarjuna Construction Company Limited)

Site Office:

H/o. Pavan Upadhaya, Hotel Dream Palace,

Near BSNL Tower, Circuit House

District H.O. Ravindra Nagar Dhoose, P.O. Padrauna,

District Kushinagar U.P. - 274304

Starts chart As per Actual Tubewell Assembly lowered at ... **Barwa Sukhdev** T/W WSS

Block: **gambhu**, District Kushinagar Under Jal Jeevan Misson.

Type of Rig Machine - R.C. Rig Machine

Contractor Name - NCC Limited

**NCC**

Size of Bore - 600mm

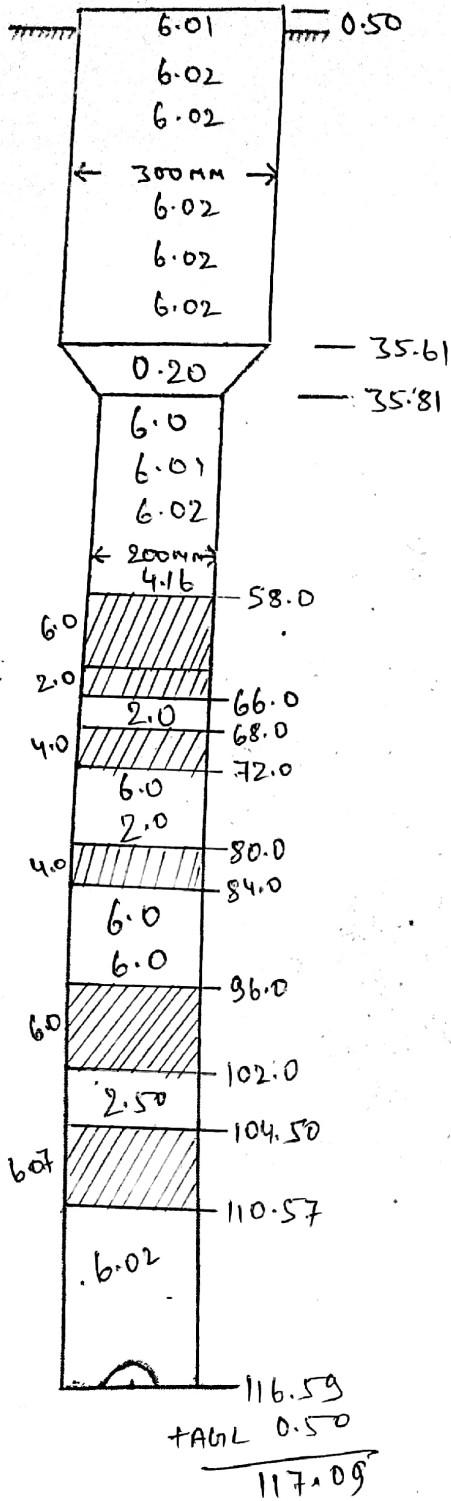
Size of Assembly - 300x200

Depth Logged - 143

Date of Logging -

DEPTH OF STRATA IN M.B.G.L.	STRATA DETAILS	LOWERED ASSEMBLY	LOGGING REPORT			
			S No.	Depth Range - MBGL	Thickness in Mtr.	Remarks
0	clay	6.01	30-33	03		
30		6.02	40-44	04		
33	v. fine sand	6.03	50-66	08		
40	clay	φ300mm	68-72	04		
44		6.02	80-84	04	GOOD ALL	
58	v. fine sand	6.02	96-102	06		
60	m. sand	0.20	104-111	07		
66		6.01	131-136	05		
68	clay	φ200mm				
72		4.16				
80	m. sand	6.0				
84		2.0				
86	clay	6.0				
96		2.0				
102	m. sand	4.0				
104		6.0				
111	clay	6.0				
131		2.50				
136	m. sand	6.0				
158		6.0				
	clay with Konkars	6.0				
		6.0				
	v. fine sand	6.0				
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	v. fine sand	6.0				
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	clay	6.0				

Office of the NCC Limited Patana Kushinagar  
 Proposed Tubewell Assembly of Barwa Sukhdev Tubewell  
 Block - Tamkubi Under Jal Jivan Mission



LOGGING DATE - 28-06-2023  
 DEPTH LOGGED - 143  
 Bore Size - 600  
 Drilling Depth - 158  
 Discharge -

SL No	DEPTH RANGE (MBSL)	THICKNESS M	REMARKS
	30 - 33	3	
	40 - 44	4	
	58 - 66	8	
	68 - 72	4	GOOD
	80 - 84	4	ALY
	96 - 102	6	
	104 - 111	7	
	131 - 136	5	

NOTE - Almost all zone are interstratified with fine band of kankar.

*[Signature]*  
 JE (E/M) DPM  
 NCC Ltd - Kushinagar

Abhay Pratap Singh  
 TPI  
 (M/S Medhraj)  
 JE

*[Signature]*  
 AE  
 EE, CD E&M UP JN (GRAMJN) GORAKHPUR

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183  
Email: [alamaresh11@gmail.com](mailto:alamaresh11@gmail.com), [gcaksingh@gmail.com](mailto:gcaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Date: 28-06-2023

Ref: TDMA/WWP/JR/257

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Barwa Sukhdev, Block – Tamkuhi, Dist. – Kushinagar

Drilling Depth (m) : 158.00 mbgl as reported by Driller

Logged Depth (m) : ~~143.70~~ mbgl

Date of Logging : 28.06.2023

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	$R_{mf}$ & $R_w$
<del>1</del>	30 – 33	3	Good	$R_{mf} = 20.06 \Omega m$ $R_w = 22.23 \Omega m$
<del>2</del>	40 – 44	4	Good	
<del>3</del>	58 – 66	8	Good	
<del>4</del>	68 – 72	4	Good	
<del>5</del>	80 – 84	4	Good	
<del>6</del>	96 – 102	6	Good	
<del>7</del>	104 – 111	7	Good	

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

Verified as per  
logs provided

G.Sh  
30/06/23

  
(Signature)  
Geophysicist

Block - Tawankuli  
Dist - Kulliyogor

Block - 600  
Assembly - 300 X 200

Logged - 1437  
Date - 30/06/2023

G.P. = Baswa Sukhdev

- Logging Record
- ① 30-33-03
  - ② 40-44-04
  - ③ 58-66-08
  - ④ 68-72-04
  - ⑤ 80-84-04
  - ⑥ 96-102-06
  - ⑦ 104-111-07

- Slotted
- ① 6.00 ✓
  - ② 6.02 ✓ (4.00 + 2.00)
  - ③ 6.00 (4.00 + 2.00)
  - ④ 6.02 (4.00 + 2.02)
  - ⑤ 6.02
  - ⑥ 6.00 ✓

- Main
- ① 6.00 ✓
  - ② 6.00 ✓
  - ③ 6.00 ✓
  - ④ 6.01 ✓ (4.16 + X)
  - ⑤ 6.01 (2.10 + 2.00 + 2.10)
  - ⑥ 6.01 ✓
  - ⑦ 6.01 (2.150 + X)
  - ⑧ 6.01
  - ⑨ 6.00 ✓
  - ⑩ 6.00 ✓
  - ⑪ 6.02 ✓
  - ⑫ 6.02

