

**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

Start chart As per Actual Tupewell Assembly lowered at Sumahi Bujurg T/W WSS

Block: Sewrahi, District Kushinagar Under Jal Jeevan Misson.

Type of Rig Machine - C. Rig Machine

Contractor Name - NCC Limited

**NCC**

Size of Bore - 500x500

Size of Assembly - 200x150

Depth Logged - 132.40

Date of Logging - 20-10-23

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	1.	26 - 38	12	
26	v. fine sand	6.02	2.	46 - 50	4	
38	clay	6.02	3.	56 - 70	14	
46	v. fine sand	6.0	4.	78 - 90	12	
50	clay	6.01	5.	105 - 111	06	
56	clay	6.02	6.	122 - 128	06	
58	v. fine sand	0.2				
70	clay	6.0				
78	v. fine sand	6.01				
80	clay	6.01				
88	v. fine sand	6.01				
90	clay	2.0				
106	v. fine sand	6.01				
109	clay	6.02				
111	v. fine sand	6.02				
122	clay	6.02				
128	v. fine sand	6.02				
132.40	clay	6.02				

LOGGING REPORT			
S No.	Depth Range - MBGL	Thickness in Mtr.	Remarks
1.	26 - 38	12	
2.	46 - 50	4	
3.	56 - 70	14	
4.	78 - 90	12	
5.	105 - 111	06	
6.	122 - 128	06	

Note:

ABSTRACT


- Drilling Started on Dated - 13-10-23
- Drilling Completed on Dated - 20-10-23
- Lowering Complete Dated - 21-10-23
- Assembly Lowered on Dated - 21-10-23

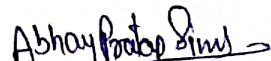
(A) Housing pipe 200 mm dia (AGL) - 0.5 m  
 (B) Housing Pipe 200 mm dia (BGL) - 35.58 m  
 (C) Reducer (200 mm x 150 mm) - 0.20  
 (D) Slotted pipe 150 mm dia - 18.02 m  
 (E) Plain pipe 150 mm dia - 62.12 m

With AGL - 116.42 m  
 Total Assembly Without AGL - 115.92 m


  

ASSEMBLY DETAILS		
	M to M	Total in M
200 mm dia Housing Pipe	0.5 - 35.58	
200 mm x 150 mm dia Reducer Pipe	35.58 - 35.78	
150 mm dia Plain Pipe	35.78 - 59.8	
150 mm dia Slotted Pipe	59.8 - 65.81	
150 mm dia Plain Pipe	65.81 - 79.83	
150 mm dia Slotted Pipe	79.83 - 88.84	
150 mm dia Plain Pipe	88.84 - 106.9	
150 mm dia Slotted Pipe	106.9 - 109.9	
150 mm dia Plain Pipe	109.9 - 115.92	
150 mm dia Slotted Pipe		
150 mm dia Plain Pipe		
Total Assembly = 115.92 + 0.50		
= 116.42 m		

  
J.E. (E&M) DPM  
NCC Ltd.-Kushinagar

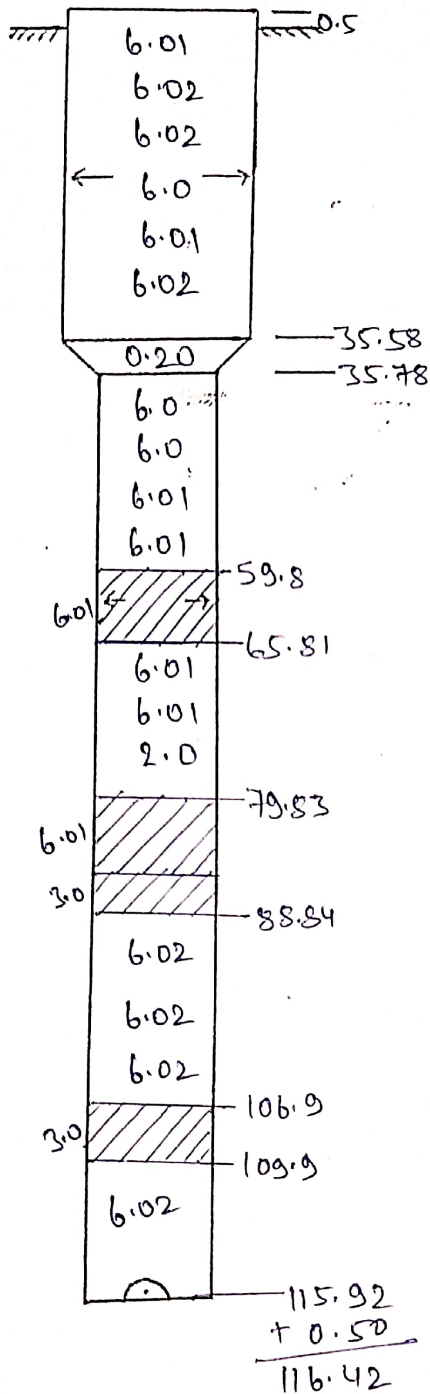
  
Abhay Prasad Singh  
TPI (M/S Medha)

  
J.E.

  
A.E.  
E.E, CD E&M UP JN (GRAMIN) GORAKHPUR

E.E

Office of the NCC Limited PADRAUNA Kushi nagar Proposed  
 Tubewell Assembly of Sumahi Bujurg Tubewell  
 Block Sewrahi Under Jal Jivan Mission



Logging Date - 20/10/23  
 Depth Logged - 132.40 m bgl  
 Bore size - 500x500  
 Drilling Depth -  
 Discharge:-

S NO.	DEPTH RANGE (MBGL)	THICKNESS (M)	REMARK
1.	56 - 70	14	
2.	78 - 90	12	
3.	105 - 111	06	
4.	122 - 128	0.6	
5.	26 - 38	12	
6.	46 - 50	4	

NOTE:-

JE(E/M)  
 NCC LTD.

DPM  
 Kushi nagar

TPI  
 (M/s Medhaj)

JE

EE, CD EAM UP JN (GRAHIN) GORAKHPUR





# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : slamaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/552

Date: 20-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sumhi Buzurg, Block – Sewarahi, Distt. – Kushinagar

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 132.40 mbgl

Date of Logging : 20.10.2023

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 Strata	$R_{mf}$ & $R_w$
1	26 – 38	12	Good	$R_{mf} = 19.24 \Omega m$ $R_w = 23.78 \Omega m$
2	46 – 50	4	Good, Fine Sand	
3	56 – 70	14	Good	
4	78 – 90	12	Good	
5	105 – 111	6	Good	
6	122 – 128	6	Good	

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



(A.K. Singh)

Scheme - Sumahibuzurg  
Block - Seorahi

Thursday LPM - 450

124/241  
Week 18  
Punjab

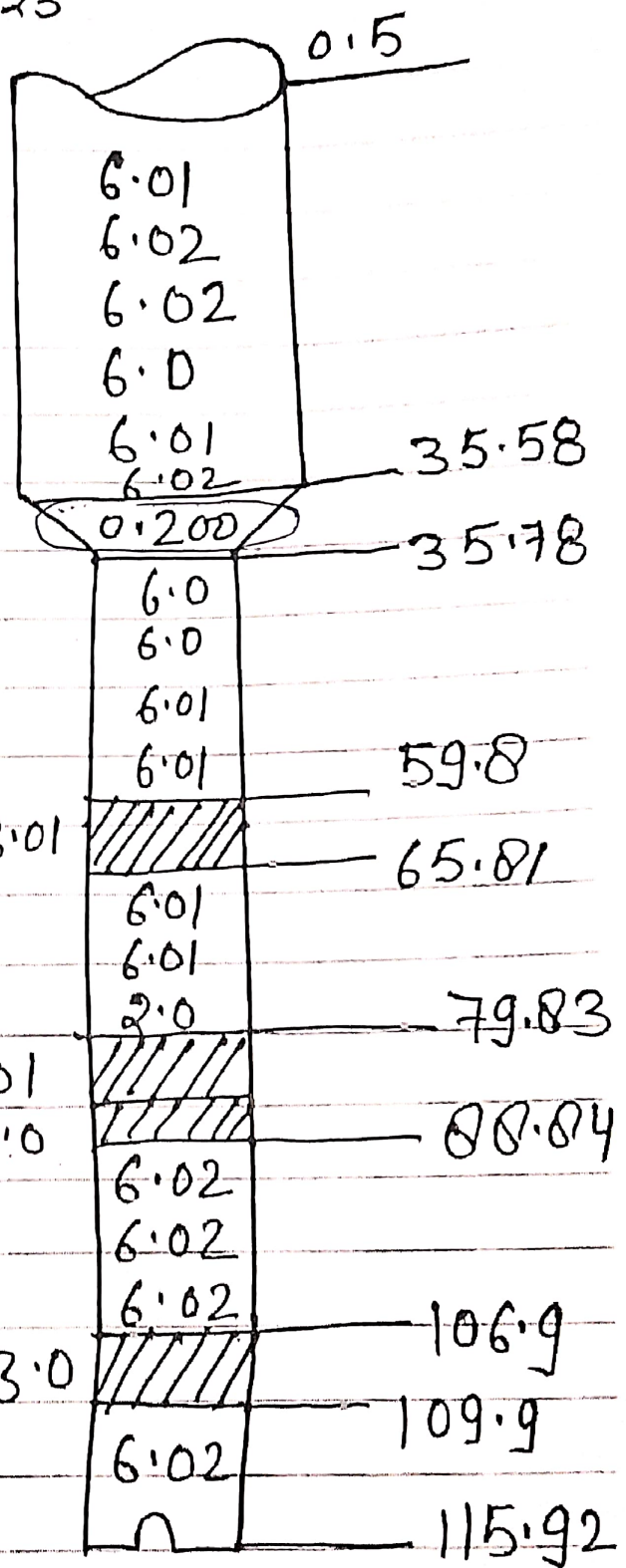
MAY

Logged Depth - 132.40m

Boxe Size 500mm  
Assembly size - (200x150)

Logging Report Date - 21/10/23

56-70 ⇒ 14  
78-90 ⇒ 12  
105-111 ⇒ 06  
122-128 ⇒ 06  
26-38 ⇒ 12  
46-50 ⇒ 4



total length = 116.42  
H. pipe = 36.08  
Plain pipe = 62.12  
Slotted pipe = 18.26  
φ 200 MS ring = 6  
φ 150 MS ring =

NCCLtd TPI Jal Nigam  
Kab

21/10/23  
2023  
MAY  
1 2 3 4 5 6 7 8 9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 - -

116.42 2023