

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

Starta chart As per Actual Tubewell Assembly lowered at **JURAGHAPRA** T/W WSS

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

Type of Rig Machine **R.C. Rig Machine**

Contractor Name — NCC Limited



Size of Bore **600 X 500 mm**

Size of Assembly- **300 X 150 mm**

Depth Logged - **154 M**

Date of Logging - **6-02-2022**

DEPTH OF STRATA IN M.B.G.L.	STRATA DETAILS	LOWERED ASSEMBLY	LOGGING REPORT
0	clay	6.03 m	S No. 1
8	fine sand	6.02 m	Depth Range -MBGL 17-35
12	clay	6.02 m	Thickness in Mtr. 11
17	clay	300mm	S No. 2
25	m sand	600mm	Depth Range -MBGL 38-42
35	m sand	6.02 m	Thickness in Mtr. 04
38	clay	6.02 m	S No. 3
42	m sand	6.04 m	Depth Range -MBGL 52-55
51	clay	6.20	Thickness in Mtr. 03
56	m sand	6.01 m	S No. 4
59	clay	500mm	Depth Range -MBGL 60-72
69	m sand	150mm	Thickness in Mtr. 12
73	clay	6.02 m	S No. 5
87	m sand	6.06 m	Depth Range -MBGL 87-95
96	clay	6.07 m	Thickness in Mtr. 08
99	fine sand	6.00	S No. 6
104	clay	5.99	Depth Range -MBGL 99-103
113	m sand	6.00	Thickness in Mtr. 04
123	clay	6.02 m	S No. 7
135	clay	6.03 m	Depth Range -MBGL 114-122
138	clay	4.00 m	Thickness in Mtr. 08
149	m sand	6.00	S No. 8
152	m sand	6.00	Depth Range -MBGL 135-138
158	clay	6.00	Thickness in Mtr. 03
			S No. 9
			Depth Range -MBGL 149-152
			Thickness in Mtr. 03
<p>Note: 1. Zones S1 No 6 and 8 are fine sand in nature 2. Fine bands of Komla are intermixed with almost all the zones.</p> <p>ABSTRACT</p> <p>1. Drilling Started on Dated - 29-01-2022 2. Drilling Completed on Dated - 05-02-2022 3. Lowering Complete Dated - 06-02-2022 4. Assembly Lowered on Dated - 06-02-2022 (A) Housing pipe 300 mm dia (AGL) - 0.50 m (B) Housing Pipe 300 mm dia (BGL) - 35.65 m (C) Reducer (300 mm x 150 mm) - 0.20 m (D) Slotted pipe 150 mm dia - 23.99 m (E) Plain pipe 150 mm dia - 66.29 m With AGL- 126.63 M Total Assembly Without AGL- 126.13 M</p>			
ASSEMBLY DETAILS			
		M to M	Total in M
		300mm dia Housing Pipe	0 - 35.65 m
		300 X 150 mm dia Reducer	35.65 - 35.85 m
		150mm dia Plain Pipe	35.85 - 60.01 m
		150 mm dia slotted Pipe	60.01 - 72.00 m
		150 mm dia Plain Pipe	72.00 - 88.05 m
		150 mm dia slotted Pipe	88.05 - 94.05 m
		150 mm dia Plain Pipe	94.05 - 114.11 m
		150 mm dia slotted Pipe	114.11 - 120.11 m
		150 mm dia Plain Pipe	120.11 - 126.13 m
		Total Assembly	= 126.13 + 0.50 AGL = 126.63 M

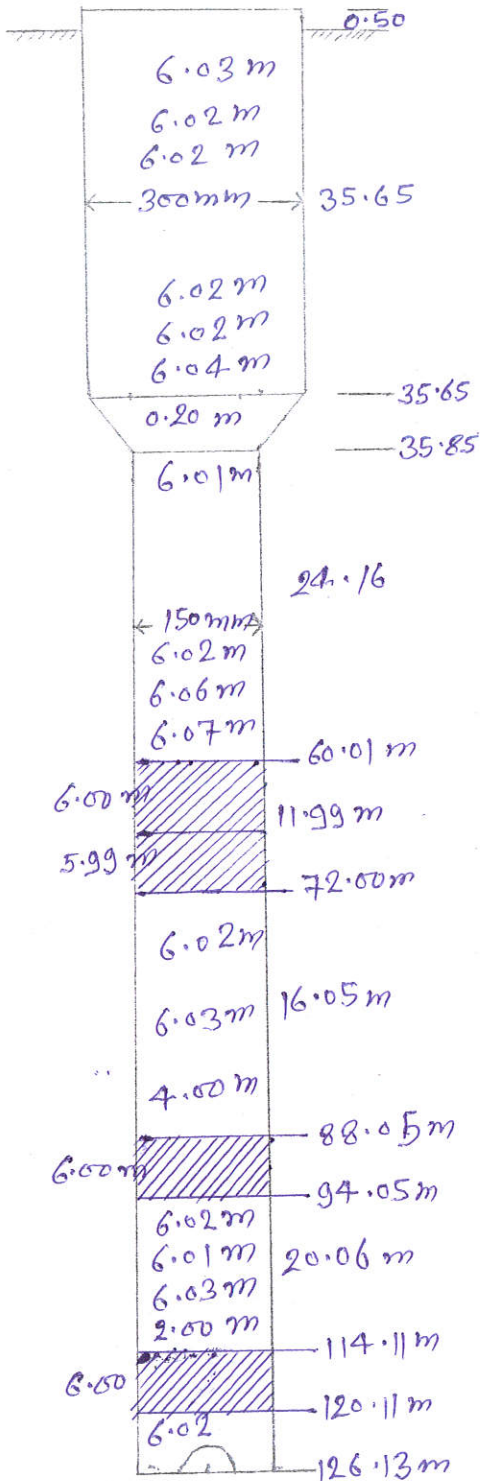
sha
 J.E. (E&M) DPM
 NCC Ltd.-Kushinagar

Abhay Pratap Singh
 TPI (M/S Medhaj)

Amit Singh
 J.E

Vinod kumar
 A.E

Adarsh Verma
 E.E



LOGGING DATE - 06-02-2022
 DEPTH LOGGED - 154M
 Bore Size - 600X500mm
 Drilling Depth - 158M
 Discharge - 800LPM

SL No	DEPTH RANGE (MBGL)	THICKNESS M	REMARKS
1	17 - 35	11	
2	38 - 42	04	
3	52 - 55	03	Good
4	60 - 72	12	AI
5	87 - 95	08	
6	99 - 103	04	
7	114 - 122	08	
8	135 - 138	03	
9	149 - 152	03	

NOTE - 1. Zone SI No 6 and 8 are fine sand in nature
 2. Fine bands of Konkori are intermixed with almost all the zones.

AGL + 0.50m
 Total 126.63m

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

Abhay Prasad
 TPI
 (M/S Medhay)

JE

AE

EE

EE, CD E&M UP JN (GRAMIN) GORAKHPUR

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:21-22:LS: 192

Dated: 07-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jura Chhapra
Block: Khadda
District: Kushinagar
State: Uttar Pradesh
Drilling depth: 158.0 m bgl
Logging depth: 154.0 m bgl
Date of logging: 06-02-2022
Rm -21.0 Ω m Rw- 26.0 Ω m

Tubewell Drilled By: NCC Limited, Kushinagar, 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:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	17 - 35	11	Good
2.	38-42	04	Good
3.	52-55	03	Good
4.	60-72	12	Good
5.	87-95	08	Good
6.	99-103	04	Good
7.	114-122	08	Good
8.	135-138	03	Good
9.	149-152	03	Good

Note: 1. Zones Sl. No. 6 and 8 are Fine Sand in nature.

2. Fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
ASSISTANT HYDROGEOLOGIST
0770 KANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAH

S. Shukla
(S. Shukla)

Juru Lapangan 10-5-5-T-10-Block Kladia, Dist. Kuching/urduwan

Base Size \Rightarrow 600x500mm, 150/154mm

M/S NCC Ltd / Kuching

Assembly Size \Rightarrow 300mm x 150mm dia

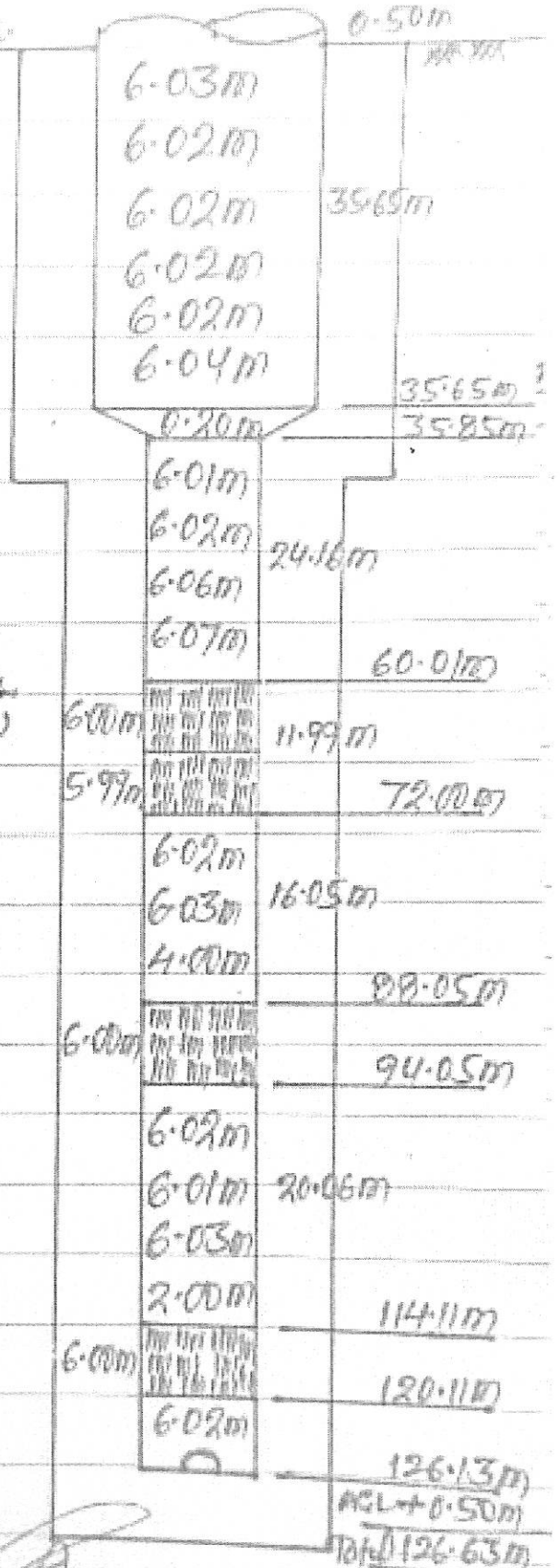
Required depth \Rightarrow 8000rpm

Logging Report Ref: 6-22

S.N. Depth Range Thickness

1. 17-35 \Rightarrow 18m
2. 38-42 \Rightarrow 4m
3. 52-55 \Rightarrow 3m
4. 60-72 \Rightarrow 12m
5. 87-95 \Rightarrow 8m
6. 99-103 \Rightarrow 4m F.S.
7. 114-122 \Rightarrow 8m
8. 135-138 \Rightarrow 3m F.S.
9. 149-152 \Rightarrow 3m

All zones are interwired with Monkoal (Fire band)
150/154mm



M/S NCC Ltd

Kuching

M/S Muckaj
TPA
Kuching

JE

AE
EE
COLETM, URJN (R)
GKP