



जल जीवन मिशन
हर घर जल
NCC

REQUEST FOR INSPECTION & CLEARANCE
(Tubewell Assembly & Lowering Work) Ceinsys Tech Ltd.



RFIC No: 122A

Date :

Project Name :	State water & Sanitation Mission (SWSM), Lakhimpur kheri		
WO No :	64/ED/2020 - 21, Dated 12-03-2021		
Name of Client :	State water & sanitation mission (SWSM) & UPJN		
Name of TPI :	Ceinsys Tech Limited		
Name of Contractor :	NCC Limited		
Reference Documents :	OHT Demarcation Plan & Approved DPR		
Drawing ref no & rev no :			
Location :	G.P - Dubha, Block - Nighazon		
Description of Inspection to be carried out:	Borehole Drilling Work	<input checked="" type="checkbox"/> Tubewell Assembly & Lowering work	<input checked="" type="checkbox"/>
Request Raised by :	PIYUSH KUMAR SINGH		
Request Raised to :	TPI & Jal Nigam		
Date & Time of Inspection :	18/01/23 & 11:00 Am		

Sl. No.	Item Description	Unit	Executed Quantity	Inspection Category	Remarks
				Yes (✓) / No (X)	
A	Borehole Drilling Work				
	Tubewell Construction				
	DC/RC Drilling up to 100 Mtr.				
1	450mmØ	Mtr.	111.0		
2	500mmØ	Mtr.			
3	600mmØ	Mtr.	54.0		
	Total	Mtr	165.0		
B	Tubewell Assembly & Lowering Work				
	MSERW Plain Pipe As per IS 4270				
1	150mmØ	Mtr.	63.8		Lowering work completed as per lower chart approved by UPJN.
	200mmØ	Mtr.			
3	300mmØ	Mtr.	48.0		
	MSERW Slotted Pipe As per IS 8110				
4	150mmØ	Mtr.	24.0		Test rig guide is not used, DPT test not provided.
	200mmØ	Mtr.			
6	300mmØ	Mtr.			
7	Reducer (200x150mm)	Mtr.			
8	Reducer (300x150mm)	Mtr.	0.2		
9	Reducer (300x200mm)	Mtr.			
10	MS fitting such as Bail plug, well cap, Support girder & rings.				
	Total	Mtr	136.0		

Inspected By :	NCC LIMITED	TPI (Ceinsys Tech Ltd.)	Client(UPJN/SWSM)
Name :	PIYUSH SINGH	A Sewal	
Signature & Date :			

Atchhu
Nee
JSM-2

Dubha, Bloer - Nighason, LCP

42.4m³

Rep Dish - 800 LPM

A. size - 300 x ~~300~~¹⁵⁰ mm

L. depth - 173 m.

Reprot - 10/23

37-54 = 17 (37-20 = 17)

58-64 = 0

67-88 = 21

97-110 = 13 = 12

117-130 = 13 = 12

152-160 = 16 (153-167 = 14)

		0.5
		47.5
	0.20	47.7
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	97.5
	1.8	98.3
6.0		
6.0		109.5
	6.0	
	2.0	117.5
6.0		
6.0		129.5
	6.0	
		135.5

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DUBHA, BLOCK- NIGHASAN, DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 175 mtrs. depth. and Logged depth ~~173~~ mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri, a Geophysical well Logging in the above bore hole using IGIS Well Logger on 10.Jan.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:

Mud Resistivity = ~~17.83~~ Ohms.

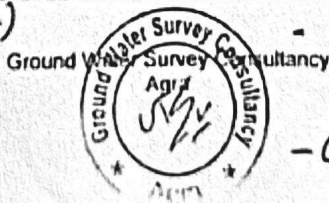
Drilling Water Resistivity = ~~18.72~~ Ohms.

Approx Water Level = 3 Mr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay	
3.	10 - 30	20	Medium sand	Medium
4.	30 - 37	7	Clay kankar	
5.	37 - 54*	17	Medium sand	Medium
6.	54 - 56	2	Kankar	
7.	56 - 64*	8	Medium sand	Medium
8.	64 - 67	3	Clay kankar	
9.	67 - 88*	21	Medium sand	Medium
10.	88 - 97	9	Clay kankar	
11.	97 - 110*	13	Medium sand	Medium
12.	110 - 117	7	Clay kankar	
13.	117 - 130*	13	Medium sand	Medium
14.	130 - 132	2	Kankar	
15.	132 - 148*	16	Fine to Medium sand	Medium
16.	148 - 152	4	Clay kankar	
17.	152 - 168*	16	Medium sand	Medium
18.	168 - 170	2	Clay kankar	
19.	170 - 173	3	Sandy clay	

Sr No 5 - 37 - 50 (13m)

Sr No 17 - 153 - 267 (14m)



- logging performed as per SWSM guidelines.

- Groundwater quality interpreted by firm as per their logger calibration

Scanned with CamScanner 1/51