

PROPOSED TUBE WELL ASSEMBLY DETAIL CHART

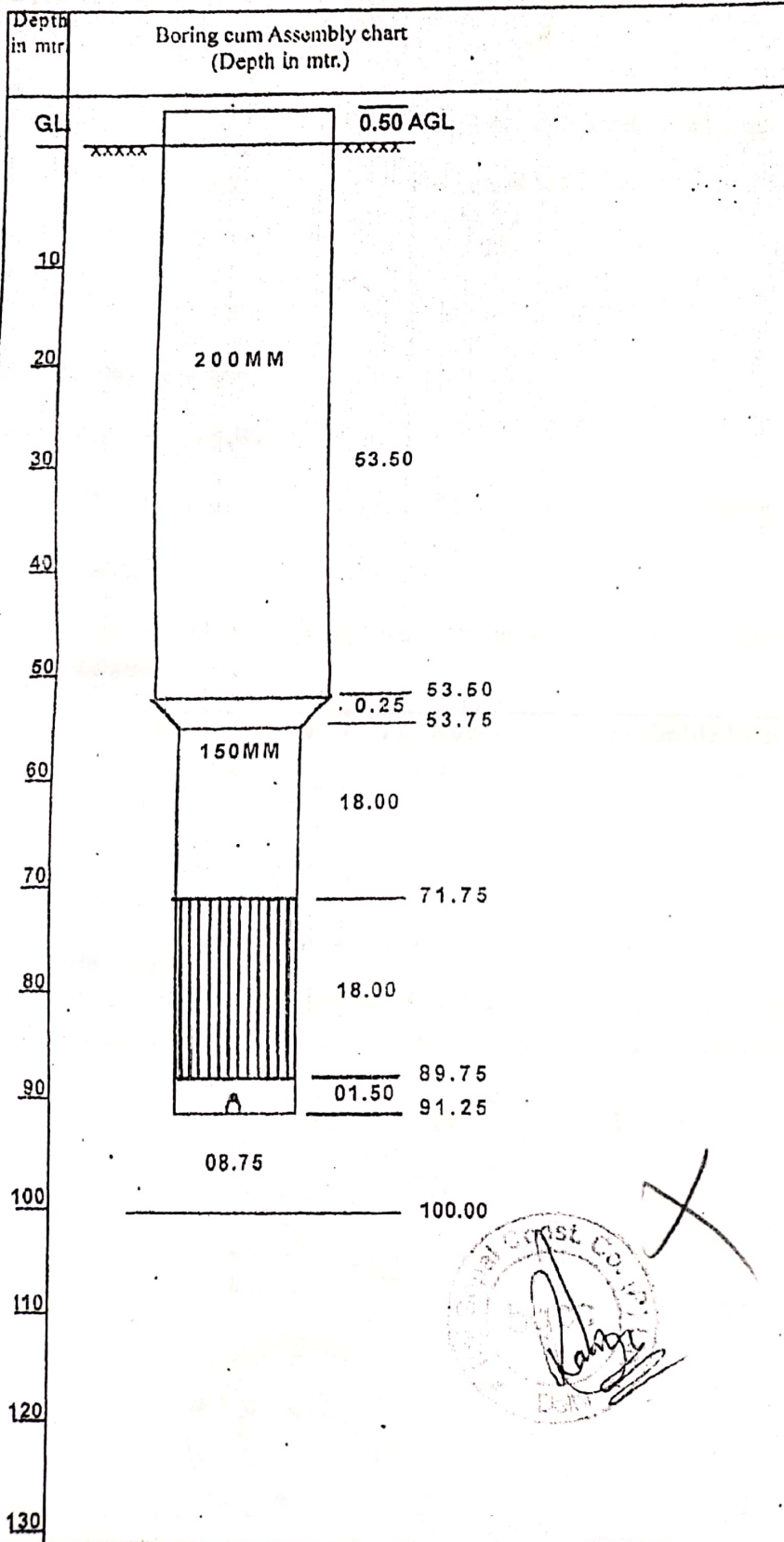
Name of Scheme:- JAL JEEVAN MISSION

District :- Jalaun

Name of T/W Site :- Village - Birahara , Block - Jalaun

Name of Contractor :- M/s Brij Gopal Construction Co & SPML (JV)

Type of Rig. M/c :- D.C.



DRILLING DEPTH - 100.00 Mtr
LOGGING DEPTH - 94.00 Mtr
LOGGING DATE - 02/10/2021

Sl. No.	Zones in Mt. B.G.L.	THICKNESS IN Mtr.	Remark
1	30.00-42.00	10.00	Medium Sand
2	46.00-55.00	9.00	Medium to Coarse S
3	70.00-90.00	20.00	Medium to Coarse Sa

Assistant Engineer
 J.P. Jal Nigam, Jalaun

Note- Not to Scale

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: slamarash11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Jalaun/61

Date : 02.10.21

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Birahara
Block - Jalaun
Distt. - Jalaun

Drilling Depth : 100 mbgl

Logged Depth : 94 mbgl

Date of Logging : 02.10.21

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

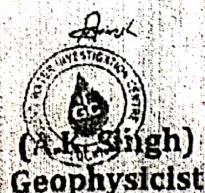
The following permeable granular zones have been deciphered with the help of Electrical Logger.

Depth Range (m)		Thickness (m)	Probable Strata	Quality
From	To			
30	40	10	Medium sand	Good
46	55	9	Medium to coarse sand	Good
70	90	20	Medium to coarse sand	Good

Recommendations:

Based on the strata samples, Electrical Log interpretation, following granular zones are recommended for putting screens against them in tubewell assembly.

Depth Range (m)		Length (m)
46	55	9
70	90	20
Total		29



YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:-

STATIC W/L

TEST OF WATER

Sheet

Village:

RIKHARA (Talan)

DISCHARGE		ST.PR.	RU PR	Depre		SAND CONTENTS						
INC	LPM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN	10 MIN	15 MIN	20 MIN	25 MIN	REMARKS
		5.90	5.40	0.50	5.00	3600	3000	2000	1600	900		
		0.70	0.10	0.60	6.00	4200	3600	2400	1800	1000		
		3.60	0.90	7.0	7.00	4600	4000	2600	2000	1200		
		1200	11.20	0.0	0.00	4800	4200	2800	2100	1400		

Note: Recommended for further development by O.P. Unit.

YIELD TEST REPORT

OF SCHEME

T.W.S (270

LOCATION OF T/W

Birhara (Jalaun)

REQUIRED DISCHARGE AS
PER SCHEME

200 LPM

DATE OF TESTING

25/11/21

TASTE OF WATER

Sweet

PHYSICAL WATER QUALITY

Good

S.No.	S.W.L. IN MTR.	R.W.L. IN MTR.	DEPRESSION IN MTR.	DISCHARGE IN LPM
1.	19. m	22.5 m	3.5 m	1276.59

REMARKS:-

RECOMMENDED DISCHARGE

Munish Kumar

Vivek
Agnihotri



BGCC

NAME OF
SWSM/JALNIGAM
/PMC/TPI ENGINEER

SIGNATURE OF SWSM/JALNIGAM
/PMC/TPI ENGINEER