OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assambly Plan-Kunwarmau 2nd T/W, Block-Chhatoh JJM-PKG-9 -(Kunwarmau -RO WSS) Type of Rig Machine- D. C RIG MACHINE
Size of Bore - 600 X 450mm,
Static W/LContractor Name – M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI

District - Raebareli

LPM- 660

EPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L.	A IN LOWERED ASSEMBLY		DETAILS OF ASSEMBLY									
±0.0l	0		+0.50	±0.00	Ø 300 mm dia Hou	using	Plain pipe from(AC	GL) 0.00	MAGL to	0.50	MAGL	0.50	1
•	Surface Sand Clay	300 m	m = -	±0.00	Ø 300 mm dia Hou	ısing	Plain pipe from (B	3GL) 0.00	MBGL to	58.00	MBGL	58.00	١.
-6.00 600 mm		-		20.00	Ø 300 mm dia Hou		Slotted pipe from	58.00	MBGL to	-			, N
			***************************************		Ø 300 X Ø 150 mm		Reducer from			61.00	MBGL	3.00	N
	Clay With Kankar	***************************************	97449		Ø 150 mm dia Hou		Plain pipe from	61.00	MBGL to	61.20	MBGL	0.20	N
		-	000		Ø 150 mm dia	-		61.20	MBGL to	290.50	MBGL	229.30	N
-55.00		·			Ø 150 mm dia Mari		Slotted pipe from		MBGL to	299.50	MBGL	9.00	N
	Fine Sand		-55,00				Plain pipe from		MBGL to	302.50	MBGL	3.00	٨
-58.00		1007011111	-58.00		Ø 150 mm dia Nes		Slotted pipe from	302.50	MBGL to	314.50	MBGL	12.00	V
			-61.00	1.20	Ø 150 mm dia	and I	Plain pipe from	314.50	MBGL to	320.50	MBGL	6.00	\ N
***************************************			986497700400						~				
***************************************			000000000000000000000000000000000000000										-
		***************************************									£		
							,						
*******		ii aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa						<u> </u>	l Total Assem	bly (AGL -	BGL) -	321.00	M.
		aveneway.											
		***************************************			1. Drilling Started on	Dated -		ABSTRACT 4-2024					
***************************************		***************************************			2. Drilling Completed 3. Drilling Depth –	on Dated 600 mm Dia		5-2024					
			***************************************		o. Drining Depth –	450 mm Dia		67.00 M 283.00 M					
			***************************************			Total-		350.00 M					
					4. Assembly lowered 5. Assembly Lowered								
		150 mm			(A)Housing pipe 300			0.50 M					
					(B)Housing pipe(Plain			58.00 M					
	Clay With Kankar		-		(C) Slotted pipe 300			3.00 M					
		everence and the second			(D) Reducer (300 mn			0.20 M					
		eranova.			(E) Slotted pipe 150 mr (F) Plain pipe 150 mr			21.00 M 238.30 M					
50 mm		CONTRACTOR			Total assembly-	uiu		321.00 M					
		***************************************			7. Yield Test Date of	T/w - N/A							
	X***XXX				8. Recommended Dis								
			***************************************		9. Pea-Gravel - 57.97 10. MS Ring 300mm-								
					12. MS Bail Plug 150n	nm- 1 NOS			11. N 13. Reducer	1S Ring 15(300mmx15			
					14.MSSI Clamp 300m 16. MS Well Cap-300r	m- 1NOS			Assembly S	upport- 30	00mm - 1	NOS	
					18.Center Guide-150r				17.Center	Guide-300	mm- 4 N	IOS	
				- 1									
		***************************************		ŀ	LOGGING REPORT (C	Ground Wate	r Investigation Cent	er) REE:GIC/I	JM/Raebare	li/250 . Do	tod > 2	7 04 2024	
		-				ged-350 mbg			ate of Log			-04-2024	
		***************************************	, and		SI. Depth Range	Thickne	ss m.			s of strara			
		***************************************		1	1 40-47	7				iood			
	×			F	2 55-58	3			(iood			
-290.00		1000	-290.50	H	3 269-275 · 4 290-300	6 10				derate modera	to		
-300.00	Fine sand		-299.50		5 302-320	18				modera			
-302.00	Fine Sand		-302.50	- }	6 330-336	6			Good to	modera	te		
			-314.50										
-320.00		***************************************											
	YCh (1990)	***************************************		N	lote:- 1. Almost all zone	es are intermix	ed with fine bands of	kankar Formatio	n water aus!	ty is doese'	ratina	voluci s 1º	
	Clay With Kankar		-320.50	10	z mogi to 262 mogi. Go	od Clay encou	ntered in between 262	2 to 269 mbgl. Ex	n water quali pected TDS of	Good to m	oderate zo	rginal to slir ones are 700	ne belo 1-800 &
1 10	A A C C C C C C C C C C C C C C C C C C			n	noderate zone is 800-90	00.							
				1									

INFRA PVT. LTD , PROJECT (RO WSS-Raebareli)

TPIA (CEINSYS) Checked By

Sunior Engineer (UPJN)

sistant Engineer (UPJN)

Executive Engineer (UPJN)



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183 Email: si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/358 Date: 27.04.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kunwar Mau Tubewell No. 2, Block – Chhatoh

District - Raebareli

Latitude - 26.182071⁰, **Longitude** - 81.539573⁰

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : 350 mbgl

Date of Logging : 27.04.24

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

Logger Used : Uptron

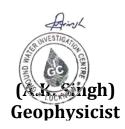
Details of major aquifer formations explored from interpretation of Geophysical Logs are

given below.

Sl.	Depth Range Thickness		Types of strara	$R_{mf \&} R_{w}$
No.	(m, bgl)	(m)		
1	40 - 47	7	Good	$R_{mf=14.4~\Omega m}$
2	55 – 58	3	Good	$\mathbf{R}_{\mathbf{w}=16.7\ \Omega m}$
3	269 - 275	6	Moderate	
4	290 - 300	10	Good to moderate	
5	302 - 320	18	Good to moderate	
6	330 – 336	6	Good to moderate	

Remark: Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 62 mbgl to 262 mbgl bgl. Good clay encountered in between 262 mbgl to 269 mbgl. Expected TDS of good to moderate zones are 700 - 800. & moderate zone is 800 - 900.

C C: M/s Hugel Infra Private Limited





GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031 Mob: 9450659011, 8840756551, 9450364183

Email: si.amaresh11@gmail.com, gicaksingh@gmail.com

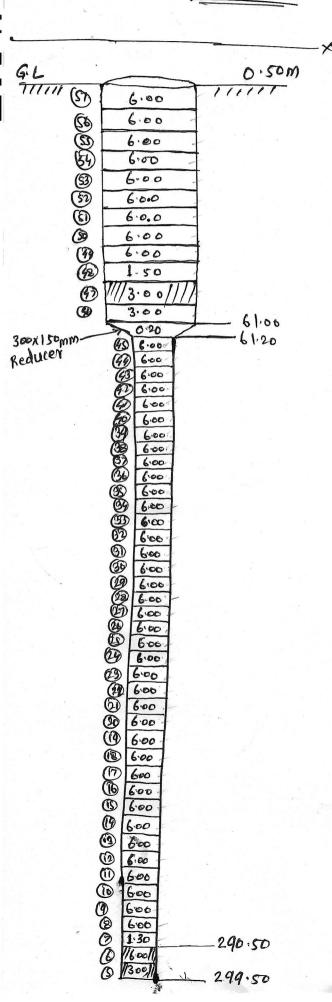
GSITN: 09ANAPS3037Q1ZG



Proposed Lowening chart Kuncoarman Ind Thw

Discharge: - 660 LPM

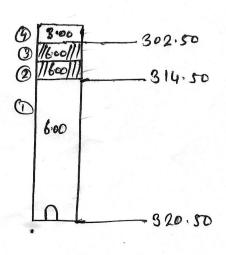
The Boresize = 800x 450mm The Asse size = 800x150mm



1	ogging Report
1)	40-47 = 7
2)	55-58 = 3
3)	269 - 275 = 6
4)	290 -300 = 10
5)	302 - 320 = 18
5)	330 -336 = 6

300(P)	300(5)	150(P)	150LS)	(B)
58.50	3.00	238.30	21.00	0.20

Lowered Assembly in BGL = 320.50 m





JAL JEEVAN MISSION UTTAR PRADESH JAL NIGAM GOVT. OF UTTAR PRADESH

	t Name	: JA	L JEEVAN N	IISSION	
Name	f Implementing Agency:		gam (Rural), R		
Name	of TPI Agency	: Ceinsys T		acout 011.	
Name	of Contractor	:Hugel Infr			
			est for Inspec	tion (PFI)	
	o.: JJM/RBL/Scheme Name/	Huge /	Exection	1.0183 Date:- 22	14/24
	etion Requested for :-	(Ple	ease√)		
1.	-J or mi. operBation			Scheme :- Kuni	varmav 2nd
2.	Reinforcement & Form Work				
3.	Procure Item Inspection			Block:- Chha	10b
4.	Sampling				
5.	Pipe Line			Pkg: <u>O</u>	
6.	Tube Well				
/.	Boundary Wall		•••••		
8.	Staff Quarter	•••••			
9.	Pump House Over Head Tank		•••••		
	Miscellaneous				
	otion of Work :- 3	c dril	ling de	or tubewell	
Items o	f Work :-	c drilli spectio	7	The Dewolf	
	Description :- D	c drilli	ng,		
Checkin	ng for : In	spectio	n		
Schedu	le / Programme :	201	1		
	- Fro	m 23/	4/24		
Reques		dey		Received by :-	
Name & Date / T	& Signature	<u>,</u> 7		Name & Signature :-	ankar
Date	22/4/24	17:0	oopm)	From TPIA/UPJN :-	
S.No.	Item Description	Quantity	UOM	Date/Time :- Inspection Category	D
			00111	(Process/Final Stage)	Remarks
1.	De drilling	350	m	a land a surge)	
4.5					
Гіск "3'	"to Indicate				
	Approval for work/ Comme	ncement of W	ork		
	Remedial work but no furth	er approval re	equired		
~	Remedial work as below but	Re-inspectio	n as below & a	pproval Required	
comme	nts if any:				
lion		~:			
Sign :	banicas.	Sign:		Sign : N	'I'
Name:	•	Name:		Name : 1	M & W
Date:	16-05-2024	Date:		Date :	22/4/24
ΓPI :		UPJN:		Contractor : Huge	el infra pvt. Ltd.



JAL JEEVAN MISSION UTTAR PRADESH JAL NIGAM

	GOVT. O	FUTTA	R PRADESH				
Project Name		L JEEVAN N					
Name f Implementing Agency:		gam (Rural), F					
ame of TPI Agency : Ceinsys Tech Ltd.							
Vame of Contractor	:Hugel Infra						
		est for Inspe	etion (PFI)				
RFI No. : JJM/RBL/Scheme Name/	Hugel/	Erection	n/0135 Date: 20	14/29			
nspection Requested for :-		ase√)					
1. Survey & Investigation			Scheme :KC	nwarman 24d			
2. Reinforcement & Form Work							
3. Procure Item Inspection			Block:- Chh	atoh			
4. Sampling							
5. Pipe Line			Pkg:	3			
6. Tube Well			Š				
7. Boundary Wall							
8. Staff Quarter		• • • • • • • • • • • • • • • • • • • •					
9. Pump House							
10. Over Head Tank							
11. Miscellaneous							
escription of Work :- C	10.1	1 = 00	1. 0 01				
ems of Work	15010	1000	ing of Aubewa	20			
Vork Description :-	ubewel	11 Cons	truction				
hecking for :- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
checking for :- In	speak	OV					
chedule / Programme :- \tag{\tag{V}_0}	m 25	ulou					
	2.5	17/29					
equested by :- Amit Pa	ndey		Received by :-	,			
Jame & Signature :-	_ 7		Name & Signature :-	senkay			
ate / Time :- 24/4/24			From TPIA/UPJN :-				
No. Item Description	Quantity	UOM	Date/Time:- Inspection Category	Remarks			
· Cledro logging	350	m	(Process/Final Stage)				
1 1 1 1 1 1	220	111					
of Aubensil							
The state of the s							
1 - 9							
ck "3" to Indicate							
보다 보고 있는 하는 다 면 있는 사람들이 되었다. 그리고 있는 사람들이 되었다. 그 사람들이 되었다면 보다 되었다. 그 사람들이 되었다면 보다 되었다면 보다 되었다. 그 사람들이 되었다면 보다 되었다면 보니 되었다면 보다 되었다면 보니 되었다면 보다 되었다면 보니 되었다면 보다 되었다면 보니 되었다면 보다 되었다면 보니							
Approval for work/ Commer	icement of W	ork					
Remedial work but no furth	er approval re	quired					
Remedial work as below but mments if any:	ke-inspection	n as below &	approval Required				
minimizer arry.							
gn :	Sign:		g:	1112			
ame: pankaj	•		Sign :	the 1			
기상 이 사람이 되었다면 가장 없는 것이 존대하는 것이 되는 것이 되었다는 생활한 기술이 되었다.	Name:		Name :	19			
ate: 16-05-2024	Date:		Date :	24/124.			
PI : 20 33 2029	UPJN:		Contractor : Hu	gel infra pyt. Ltd.			

: DU/4/24 . : Hugel infra pvt. Ltd.



JAL JEEVAN MISSION UTTAR PRADESH JAL NIGAM GOVT. OF UTTAR PRADESH

			RPRADESH			
Project Name	: JA	L JEEVAN M	IISSION			
Name Implementing Agency	: U.F	Jal Nigam (R	tural), Raebareli.			
Name of TPI Agency	: M/S Ceinsys Tech Ltd.					
Name of Contractor		gel Infra Pvt L				
		est for Inspec				
RFI No. : JJM/RBL/Scheme Name /		the second second second second		2024		
Inspection Requested for :-	(Ple	ase √)				
1. Survey & Investigation						
2. Reinforcement & Form World			Scheme - Lux	room may Ind		
3. Procure Item Inspection				그는 그 그는 그리고 살아가지 않는데 하면 그런 얼마 없었다. 그런 그런 그런 그런 그런 그런 그렇게 되었다.		
4. Sampling			Block :- cha	th		
5. Pipe Line			Block CVIC	(7001,		
6. Tube Well			PKG :- 09			
7. Boundary Wall			1KG 07			
8. Staff Quarter						
9. Pump House						
10. Over Head Tank						
11. Miscellaneous		• • • • • • • • • • • • • • • • • • • •				
Description of Work :-	owering	work				
, 이번에 2명이 1명하면 경기에서 보면 가게 하면 가게 되었다. 이 경기 되었다고 있다고 있다면 하는데 보다 보다 보다 되었다. 그리고 있다.						
Work Description :- In	spectim	For In	nemina			
Checking for :- The	mention L	100 -00	Sering.			
Schedule / Programme :- 0	special b	J TPIA.	bering. I Jal Nigam.			
: Du	m: - OL	1/05/200	4			
Requested by :- Krishna		,, -,-	Received by :-	agent .		
Name & Signature :-	Rarmod		Name & Signature :- \	1 1		
Date / Time :-			From TPIA/UPJN :-	sankay 1		
	05/2024		Date/Time :-			
S.No. Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks		
1. Lowering.	320.50	m	3)			
U						
Tick "3" to Indicate			L			
Approval for work/ Comm	encement of W					
Remedial work but no furt	her approval re	OIK guired				
Remedial work as below b	ut Re-inspection	as helow & a	pproval Required			
	est not					
	est non	pog	ormed at site.	A .		
	rowel a	jas hos	t Stacked prop	orly at Sito		
Sign: Denles	Sign :		Sign :			
Name:	Name:		Name :	1		
Date: 16-05-200 "	Date :		Date	min 10.4		
IPI : 26703. 2024	UPJN :		Contractor : Huge	Infra Pyt Ltd		