

LOA No. : 3207/W-27/(Dev) Patan/2022-23, DT 04.11.2022.
 PROJECT : State Water & Sanitation Mission (SWSM) Under Jal Jeevan Mission (JJM).
 NAME OF WORK : Rural Water Supply Project
 EXECUTING AGENCY : M/s GA Infra - VPL (JV)
 COVER AGREEMENT : 45/ED/PHASE-5/22-23/(DATED-30.03.23)

NAME OF THE SCHEME : MALLUWA BHAKURAHA
 GRAM PANCHAYAT : MALLUWA BHAKURAHA
 DISTRICT : RISIA
 PHASE : BAHARICH
 RA BIL NO : MALLUWA BHAKURAHA # RA-07, DATE : 05/02/2024

NAME OF THE SCHEME : MALLUWA BHAKURAHA
 GRAM PANCHAYAT : MALLUWA BHAKURAHA
 DISTRICT : RISIA
 PHASE : BAHARICH
 RA BIL NO : MALLUWA BHAKURAHA # RA-07, DATE : 05/02/2024

(ANNEXURE-I)

BOQ Item. No	Description of Items	UOM	% of Claim	Quoted/Accepted rate @ -0.10%	BOQ Qty	Previous Claim		Present Claim		Cumulative Claim		Remarks
						Qty	Amount	Qty	Amount	Qty	Amount	
(1)	(2)	(3)	(4)	(6)	(7)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.01	All the works including Hydrological survey, topographical survey, Design charges including preparation and approval of DPR Tube well construction DC/RC Drilling up to 100Mtr.	LS	100%	2,37,262.63	1.00	1.00	2,37,262.63	-	-	1.00	2,37,262.63	
2.02	450 MMØ	Mtr.	100%	1,904.92	-	-	-	5.00	9,524.60	-	9,524.60	
2.04	600 MMØ	Mtr.	100%	2,515.37	100.00	-	-	95.00	2,38,960.15	-	2,38,960.15	
2.06	DC/RC Drilling from 101 Mtr. To 200 Mtr. Deep	Mtr.	100%	2,291.91	75.00	-	-	100.00	2,29,191.00	-	2,29,191.00	
2.10	DC/RC Drilling from 201 Mtr. To 300 Mtr. Deep	Mtr.	100%	2,994.13	20.00	-	-	20.00	59,882.60	-	59,882.60	
3.02	MISERW plain pipe, As per IS 4270	Mtr.	70%	1,988.00	122.00	-	-	122.00	1,70,629.20	7.67	10,727.26	1,81,356.46
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	1,988.00	-	-	-	129.67	51,816.13	129.67	51,816.13	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	1,988.00	-	-	-	129.67	12,954.03	129.67	12,954.03	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	3,986.01	42.00	-	-	42.00	251.12	42.09	1,17,439.81	
3.04	MISERW Pipe slotted pipe as per IS 8110	Mtr.	20%	3,986.01	-	-	-	42.09	33,554.23	42.09	33,554.23	
Interim Payment	1. On Supply & Delivery.	Mtr.	5%	3,986.01	-	-	-	42.09	8,388.56	42.09	8,388.56	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	70%	3,076.92	36.00	-	-	36.00	12,793.63	30.06	64,744.55	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	3,076.92	-	-	-	30.06	18,498.44	30.06	18,498.44	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	3,076.92	-	-	-	30.06	4,624.61	30.06	4,624.61	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	1,268.73	27.00	-	-	27.00	23,979.00	-	23,979.00	
3.10	150 mm Ø MS. Ring made by 150 mm x 12 mm Flat	No.	20%	1,268.73	-	-	-	27.00	6,851.14	27.00	6,851.14	
Interim Payment	1. On Supply & Delivery.	Mtr.	5%	1,268.73	-	-	-	27.00	1,712.79	27.00	1,712.79	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	70%	2,067.93	7.00	-	-	7.00	10,132.86	-	10,132.86	
Interim Payment	3. On Completion of Testing.	Mtr.	20%	2,067.93	-	-	-	7.00	2,895.10	7.00	2,895.10	
3.12	300 mm Ø MS. Ring made by 175 mm x 16 mm Flat	No.	5%	2,067.93	-	-	-	7.00	723.78	7.00	723.78	
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	1,723.28	1.00	-	-	1.00	1,206.29	-	1,206.29	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	1,723.28	-	-	-	1.00	344.66	1.00	344.66	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	1,723.28	-	-	-	1.00	86.16	1.00	86.16	
3.14	MS Ball plug As per IS 2800	No.	70%	5,494.50	1.00	-	-	1.00	3,846.15	-	3,846.15	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	5,494.50	-	-	-	1.00	1,098.90	1.00	1,098.90	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	5,494.50	-	-	-	1.00	274.73	1.00	274.73	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	4,045.95	1.00	-	-	1.00	2,832.17	-	2,832.17	
3.19	300 x 150 mm Reducer	No.	20%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
Interim Payment	1. On Supply & Delivery.	Mtr.	5%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	70%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
Interim Payment	3. On Completion of Testing.	Mtr.	20%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
3.25	MSSI Clamp- As per IS 2800	No.	70%	4,045.95	1.00	-	-	1.00	809.19	1.00	809.19	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	70%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	
Interim Payment	3. On Completion of Testing.	Mtr.	20%	4,045.95	-	-	-	1.00	809.19	1.00	809.19	



NAME OF THE SCHEME : MALUWA BHAKURAHA
 GRAM PANCHAYAT : MALUWA BHAKURAHA
 NAME OF THE BLOCK : RISIA
 DISTRICT : BAHARICH
 TRIPARTITE AGREEMENT : JIM/UP/Phase5/Bahraich/GA INFRA-VPL(V)/2022/14/DC/24.02.23
 RA BILL NO : MALUWA BHAKURAHA # RA-07, DATE : 05/02/2024

LOA No. : 3207/NW-27/(Devi Palan)/2022-23, DT 04.11.2022
 PROJECT : State Water & Sanitation Mission (SWSM) Under Jal Jeevan Mission (JJM).
 NAME OF WORK : Rural Water Supply Project
 EXECUTING AGENCY : M/s GA Infra - VPL (JV)
 COVER AGREEMENT : 45/ED/PHASE-5/22-23/(DATED-30.03.23)

(ANNEXURE-I)

BOQ Item. No	Description of Items	UOM	% of Claim	Quotes/Accepted rate @ -0.10%	BOQ Qty	Previous Claim		Present Claim		Cumulative Claim		Remarks
						Qty	Amount	Qty	Amount	Qty	Amount	
(1)	(2)	(3)	(4)	(5)	(7)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Interim Payment	3. On Completion of Testing.	Mtr.	5%	4,045.95				1.00	202.30	1.00	202.30	
3-29	TW Assy Support-	No.			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	17,482.50								
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	17,482.50		1.00	12,237.75	1.00	3,496.50	1.00	12,237.75	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	17,482.50				1.00	874.13	1.00	874.13	
3-33	MS Well Cap-	No.			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	1,548.45		1.00	1,083.92				1,083.92	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	1,548.45				1.00	309.69	1.00	309.69	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	1,548.45				1.00	77.42	1.00	77.42	
3-34	Centre Guide-	No.			14.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	919.08		14.00	9,006.98				9,006.98	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	919.08				14.00	2,573.42	14.00	2,573.42	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	919.08				14.00	643.36	14.00	643.36	
4.00	Lowering of above Tubewell assembly including Carting upto site and welding of parts complete in all respect with all required material T&P labour etc.											
4.02	Lowering up to 100 Mtr. Deep	Mtr.			58.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	340.66				57.91	13,809.33	57.91	13,809.33	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	340.66				57.91	3,945.52	57.91	3,945.52	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	340.66				57.91	986.38	57.91	986.38	
4.04	300 MMØ MSERW Plain/Slotted Pipe	Mtr.			42.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	485.52				42.09	14,304.88	42.09	14,304.88	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	485.52				42.09	4,087.11	42.09	4,087.11	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	485.52				42.09	1,021.78	42.09	1,021.78	
4.06	Lowering from 101 Mtr. To 200 Mtr. Deep	Mtr.			100.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	375.63				100.00	26,294.10	100.00	26,294.10	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	375.63				100.00	7,512.60	100.00	7,512.60	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	375.63				100.00	1,878.15	100.00	1,878.15	
4.10	Lowering from 201 Mtr. To 300 Mtr. Deep	Mtr.										
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	384.81				157	422.91	157	422.91	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	20%	384.81				157	120.83	157	120.83	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	384.81				157	30.21	157	30.21	
4.19	Supply & lowering of 90mm dia UPVC gravel feed pipe	Mtrs			244.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	999.00		244.00	1,70,629.20	185.00	1,84,815.00	185.00	1,84,815.00	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	100%	999.00		244.00		185.00	19,980.00	185.00	19,980.00	
Interim Payment	3. On Completion of Testing.	Mtr.	100%	999.00		244.00		185.00	1,61,088.75	185.00	1,61,088.75	
5.00	Cement sealing	Job			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	100%	7,492.50		1.00		21.50	1,61,088.75	21.50	1,61,088.75	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	100%	4,245.75		50.00		49.59	2,10,546.74	49.59	2,10,546.74	
Interim Payment	3. On Completion of Testing.	Mtr.	100%	1,123.88		100.00		99.00	1,11,264.12	99.00	1,11,264.12	
6.03	350 PSI Compressor per hour	Hr.										
Interim Payment	1. On Supply & Delivery.	Mtr.	100%	1,123.88		100.00		99.00	1,11,264.12	99.00	1,11,264.12	
6.06	Charges for Development of TW by 1 cusec OP Unit	Hr.										



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GRAM PANCHAYAT : MALUWA BHAKURAHA
NAME OF THE BLOCK : RISIA
DISTRICT : BAHARICH
TRIPARTITE AGREEMENT : JIM/UP/Phase5/Bahraich/GA INFRA-VPL(JV)/2022/14/DC/24.02.23
RA BILL NO : MALUWA BHAKURAHA # RA-07, DATE : 05/02/2024

LOA No. : 3207/M/27/(Devil Patan)/2022-23, DT 04.11.2022.
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NAME OF WORK : Rural Water Supply Project
EXECUTING AGENCY : M/s GA Infra - VPL (JV)
COVER AGREEMENT : 45/ED/PHASE-5/22-23/1 DATED-30.03.23

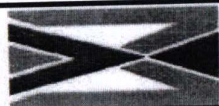
(ANNEXURE-I)

BOQ Item. No	Description of Items	UOM	% of Claim	Quoted/Accepted rate @ -0.10%	BOQ Qty	Previous Claim		Present Claim		Cumulative Claim		Remarks
						Qty	Amount	Qty	Amount	Qty	Amount	
(1)	(2)	(3)	(4)	(6)	(7)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
33.00	Supply of following sizes pipes for distribution system conforming to latest/relevant I.S. 4984/1995 Specifications with all jointing materials and specials conforming to latest/ relevant I.S. specifications including F.O.R. destination and all taxes and insurance etc. with loading unloading and Carting up to site of work also including specials for these pipes and lowering them into the trenches and laying true to alignment and gradient and jointing etc. complete (including testing of pipe lines and cutting of pipes for making up the length but excluding the cost of trenches) all complete as per instructions to Engineer-in-charge.											
33.01	90mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	253.75	608.00	608.00	1,07,996.00	-	-	608.00	1,07,996.00	
	Interim Payment	Mtr.		253.75								
33.02	75mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	189.81	866.00	866.00	1,15,062.82	-	-	866.00	1,15,062.82	
	Interim Payment	Mtr.		189.81								
33.03	63mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	145.86	12,755.00	12,755.00	13,02,311.01	-	-	12,755.00	13,02,311.01	
	Interim Payment	Mtr.		145.86								
33.04	110mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	368.64	181.00	181.00	46,706.69	-	-	181.00	46,706.69	
	Interim Payment	Mtr.		368.64								
33.07	160mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	752.25	693.00	693.00	3,64,916.48	-	-	693.00	3,64,916.48	
	Interim Payment	Mtr.		752.25								
33.09	200mm dia HDPE Pipe PN-6: Class PE-100	Rmt	70%	1,137.86	363.00	363.00	2,89,130.48	-	-	363.00	2,89,130.48	
	Interim Payment	Mtr.		1,137.86								
48.00	Making house connection should be done atleast 2 m inside the boundary wall with provision of tap from distribution line to outer wall of house with supply of 1 m above G.L. pipe (15 mm) (above ground) & average 5 mtr. MDPE Pipe (20 mm) (below ground) including specials saddle Tapetc. of suitable size T&P etc. including excavation laying and jointing for proper completion of work as per instructions of Engineer as per Dwg 12 (excluding road restoration)	Nos.		3,696.30	578.00							
	Interim Payment	Nos.	35.0%	3,696.30								
	Interim Payment	Nos.	25.0%	3,696.30								
	Interim Payment	Nos.	10.0%	3,696.30								
	Additional item	Nos.	100%	59,940.00								
	Additional item	Nos.										
	Additional item	Nos.		3,69,630.00								
	Additional item	Mtr.	70%	3,69,630.00								
	Interim Payment	Mtr.										
	Total Amount	=					43,70,338.75		43,70,338.75		43,70,338.75	
									43,70,338.75		43,70,338.75	

1280213.78



MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MALUWABHAKURAHA	DATE OF LOGGING:	11.05.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.66M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.967ohm\m	Rw	0.845ohm\m
DISTRIC	BAHRAICH		

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	10	10	Top Soil	
2	10	44	34	Coares to medium grain sand	Good
3	44	48	4	Fine sediment	
4	48	71.5	23.5	Medium grain sand	Good
5	71.5	76	4.5	Clay	
6	76	87.5	11.5	Medium grain sand	Good
7	87.5	92.5	5	Clay	
8	92.5	146	53.5	Medium grain sand with kankar	Good
9	146	149	3	Fine sediment	
10	149	153.5	4.5	Medium grain sand	Good
11	153.5	160	6.5	Clay with sand	
12	160	174.5	14.5	Medium grain sand	Good
13	174.5	179	4.5	Fine sediment	
14	179	196.5	17.5	Medium grain sand	Good
15	196.5	201	4.5	Fine sediment	
16	201	205.5	4.5	Medium grain sand	Good
17	205.5	219	13.5	Medium to fine grain sand	Good

Verified as per logs provided.

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

Note - clay zone mentioned in Sr No 7 is only prominent clay.

cc:

- 1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gonda
- 2. M/S Vishwanath Projects Limited, Bahraich

Seen
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and Sr No 5 and 10 have poor log response.

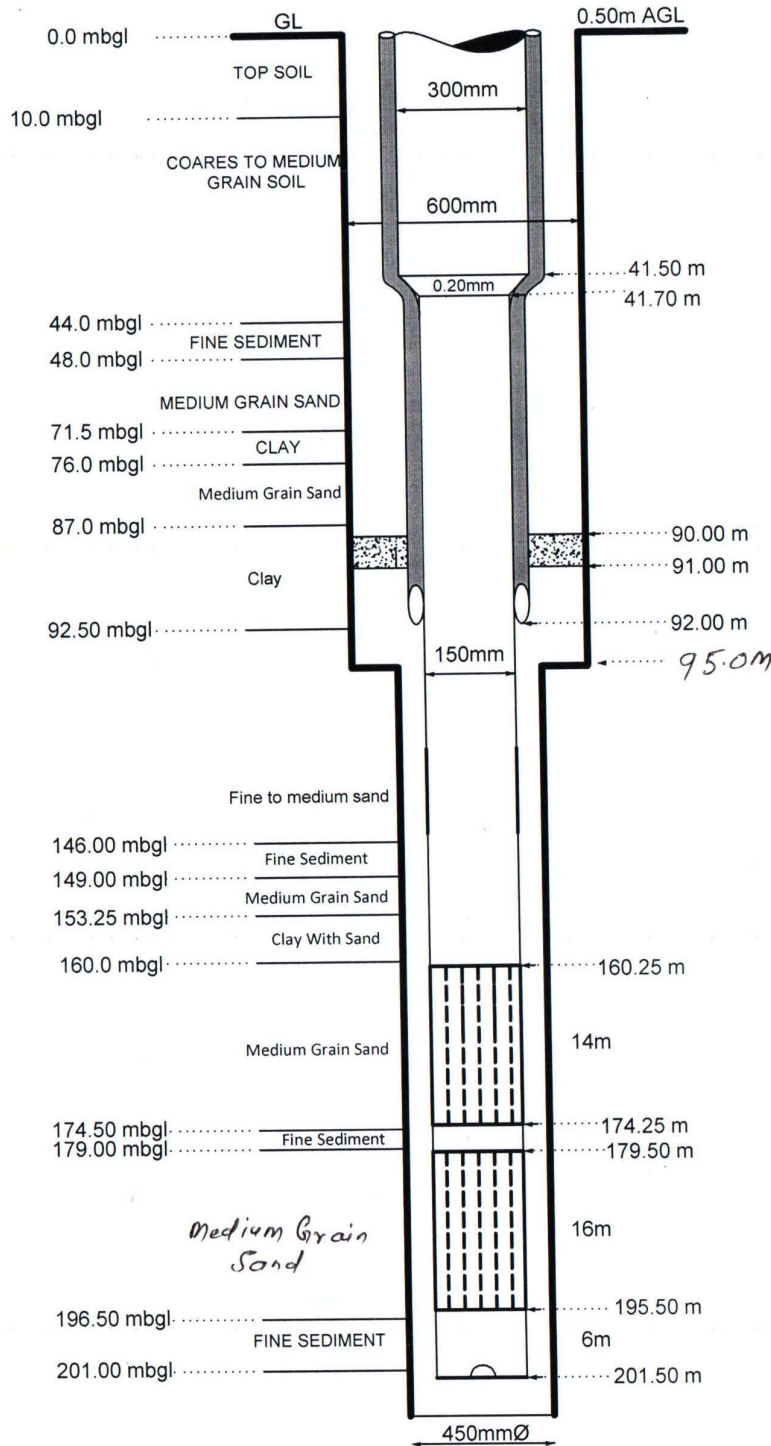
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JAL NIGAM
DIVISION (RURAL)
U.P. JAL NIGAM RURAL GONDA

GA INFRA-VISHWANATH PROJECTS LIMITED

STRATA CHART & PROPOSED TUBEWELL OF MALUWABHAKURAHA W/S SCHEME, BLOCK-RISIYA, DISTRICT-BAHRAICH.



Bore Details		
1	Bore Size:-	600mmØ X 450mmØ
2	Assembly Size:-	300mmØ x 150mmØ
3	Drilling Depth:-	225
4	Logging Depth:-	220.66
5	Date Of Logging:-	11.05.2023
6	Required Discharge:-	750LPM/12.5H.P
7	Head	42m

LOGGING REPORT-			
Sl.No.	Depth Range(mbgl)	Thickness(m)	Remark
1	10-44	34	GOOD ALL
2	48 - 71.5	23	
3	76-87.5	11.50	
4	92.5 - 146	53.5	
5	149 - 153.5	4.5	
6	160 - 174.5	14.5	
7	179 - 196.5	17.5	
8	201-205.5	4	
9	205.5 - 219	13.5	

Prepared By



(GA INFRA-VISHWANATH PVT. LTD.)
BAHRAICH

Checked By

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Ceinsys Tech Ltd.
T.P.I

Checked By

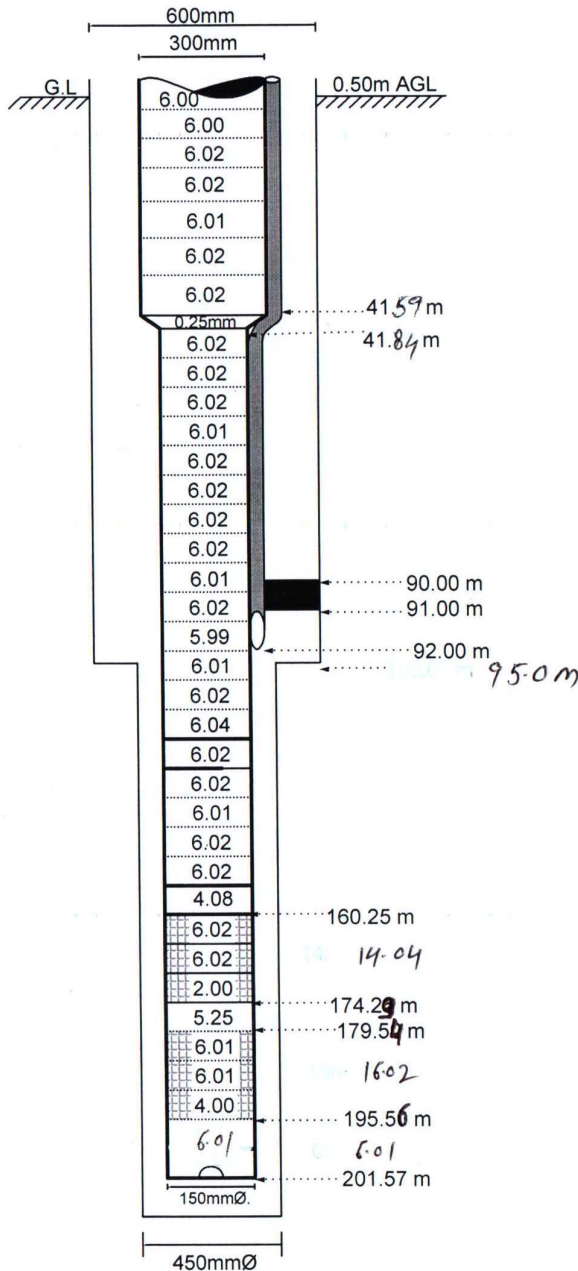
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JJE, UPJN (E&M)
DIVISION Gonda
U.P. JAL NIGAM

Recommended By

[Signature]
ASSISTANT ENGINEER
DIVISION Gonda
U.P. JAL NIGAM

GA INFRA-VISHWANATH PROJECTS LIMITED

STRATA CHART & ACTUAL TUBEWELL OF MALUWABHAKURAHA W/S SCHEME, BLOCK-RISIYA, DISTRICT-BAHRAICH.



Bore Details		
1	Bore Size:-	600mmØ X 450mmØ
2	Assembly Size:-	300mmØ x 150mmØ
3	Drilling Depth:-	225
4	Logging Depth:-	220.66
5	Date Of Logging:-	11.05.2023
6	Required Discharge:-	750LPM/12.5H.P
7	Head	42m

LOGGING REPORT-			
Sl.No	Depth Range(mbg)	Thickness(m)	Remark
1	10-44	34	GOOD ALL
2	48 - 71.5	23	
3	76-87.5	11.50	
4	92.5 - 146	53.5	
5	149 - 153.5	4.5	
6	160 - 174.5	14.5	
7	179 - 196.5	17.5	
8	201-205.5	4	
9	205.5 - 219	13.5	

LOWERING DATE:-
13.05.2023

300mmØ-HP	42.09 m
150mmØ-SP	30.06m
150mmØ-PP	129.67 m
300 X 150 mmØ-R	0.25 m
TOTAL	202.07 m
Less AGL	(-)0.50 m
Lowering BGL	201.57 m

Prepared By



(GA INFRA-VISHWANATH PVT. LTD.)
BAHRAICH

Checked By

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Ceinsys Tech Ltd.
L.P.I

Checked By

[Signature]
JUNIOR ENGINEER
JE, UPJN (E&M)
DIVISION OFFICE (E/M)
Gonda
U.P. JAL NIGAM PUPAL GONDA

Recommended By

[Signature]
ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
AE, UPJN, (Rural), E&M
Gonda



GA INFRA- VISHWANATH PROJECTS LIMITED

TEST REPORT OF DEVELOPMENT OF TUBEWELL BY 600 PSI AIR COMPRESSOR UNDER J.J.M PROGRAMME

- 1. G.P NAME- MALUWA BHAKURAHA
- 2. BLOCK- RISIA
- 3. DATE OF TESTING - 28-06-2023
- 4. T.W SIZE- 300X150 MM
- 5. S.W.L- 8.22 MTR
- 6. AIR LINE LOWERED-192 MTR
- 7. DISCHARGE MEASURED BY- M.S 90° V-NOTCH TANK
- 8. DEPTH OF TUBEWELL- 201.57 MTR
- 09. REQUIRED DICHARGE- 750 Lpm

SR.NO	DEPTH OF AIR LINE LOWERED IN MTR	DISCHARGE WATER HEAD 90° V-NOTCH TANK		STARTING PRESSURE IN KGF/CM ²	RUNNING PRESSURE IN KGF/CM ²	DEPRESSION		SAND CONTENT IN PPM					REMARK
		IN MM	IN LPM			IN KGF/CM ²	MTR	STARTING	5 MIN	10 MIN	15 MIN	20 MIN	
1	192	220	1914	18.5	17.5	1	10	5,500	3,500	2,200	1,500	1,000	

NOTE: RECOMMENDED FOR DEVELOPMENT OF T.W BY O.P UNIT.
TEST CONDUCTED IN PRESENCE OF BY.



SM
Junior Engineer

[Signature]
Assistant Engineer

Executive Engineer

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA
Divisional office U.P Jal Nigam (Rural) Gonda, U.P-271001.

GA INFRA- VISHWANATH P. LTD.

GA INFRA- VISHWANATH PROJECTS LIMITED

YIELD TEST REPORT OF DEVELOPMENT OF TUBEWELL BY O.P UNIT UNDER J.J.M PROGRAMME

1.G.P NAME - MALUWA BHAKURAHA

2.BLOCK - RISIA

3.DATE OF TESTING - 20-07-2023

4.T.W SIZE - 300 X 150

5. S.W.L- 8.20 MTR

6. COLUMN PIPE LOWERED - 30 MTR

7. SIZE OF COLUMN PIPE - 100 MM

8. ORIFICE SIZE - 6"X4"

9. CAPACITY OF O.P UNIT- 1 Cusec

10. REQUIRED DICHARGE - 750 Lpm

SR.NO	DISCHARGE THROUGH ORFICE SIZE (6"X4")		S.W.L IN MTR	R.W.L IN MTR	DEPRESSION IN MTR	SAND CONTENT IN PPM					REMARK	
	IN INCH	IN LPM				STARTING	5 MIN	10 MIN	15 MIN	20 MIN		
			IN MTR	IN MTR	IN MTR							Tr.
1	40	1518	8.2	12.28	4.08	400	200	50	Tr.	Tr.	CL	
2	20	1079	8.2	11.1	2.9	200	50	Tr.	Tr.	CL	CL	
3	10	776	8.2	10.25	2.05	50	Tr.	Tr.	CL	CL	CL	

NOTE: Recommended Discharge 750 Lpm at 2.05 mtr depression pump should be run atleast 10 min in By pass then after taken in line.

TEST CONDUCTED IN PRESENCE OF BY



GA INFRA- VISHWANATH P. LTD.

SN
Junior Engineer
JUNIOR ENGINEER
DIVISION OFFICE (EIM)

U.P. JAL NIGAM RURAL GONDA

Assistant Engineer

Executive Engineer

Log Book

DEVELOPMENT and Yield Test of T.W by O.P Unit of **Malua Bhakuraha** T.W. Distt. **Babraich**

Date	Time of Start	Time of close	During Hours	Height of orifice Pipe in inches	Discharge in LMP	S.W.L in mtr	R.W.L in mtr	Depression in mtr	Sand Contents in PPM							Signature of O.P Unit Oprator	
									Starting	5min.	10min.	15min.	20min.	25min.	30min.		
09-07-23	07:45 Am	10:45 pm	3:00	5		7	8	9	10	11	12	13	14	15	16	17	
09-07-23	11:15 Am	4:36 pm	5:15														
10-07-23	9:30 Am	2:20 pm	4:50														
10-07-23	12:00 pm	4:25 pm	4:25														
11-07-23	6:30 Am	10:25 Am	3:55														
11-07-23	12:35 pm	4:40 pm	4:05														
11-07-23	5:10 pm	7:15 pm	2:05														
12-07-23	8:10 Am	12:20 pm	4:10														
12-07-23	1:30 pm	2:30 pm	1:00														
12-07-23	3:50 pm	6:40 pm	2:50														
13-07-23	7:10 Am	11:40 Am	4:30														
13-07-23	12:20 pm	2:30 pm	2:10														
14-07-23	7:15 Am	11:45 Am	4:30														
14-07-23	3:50 pm	6:40 pm	2:50														
15-07-23	4:30 Am	10:45 Am	3:15														
15-07-23	2:30 pm	3:45 pm	1:15														
15-07-23	5:50 pm	8:30 pm	2:40														
16-07-23	6:42 Am	10:28 Am	4:45														
16-07-23	11:35 Am	2:25 pm	2:45														
16-07-23	3:16 pm	6:20 pm	2:03														
17-07-23	6:45 Am	11:30 Am	3:46														
17-07-23	6:30 pm	8:33 pm	3:04														
18-07-23	6:29 Am	10:37 Am	4:08														
18-07-23	11:30 Am	12:50 pm	1:20														
18-07-23	1:55 pm	4:30 pm	2:35														
18-07-23	12:55 pm	5:49 pm	4:54														
19-07-23	6:45 Am	6:55 Am	2:10														
19-07-23	4:56 pm	8:47 pm	3:51														
20-07-23	8:36 Am	11:50 Am	3:14														
20-07-23	12:36 pm	2:53 pm	2:17														
		TOTAL =	100.03	125													

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.F. JAL NISAM RUIZAL GONDA



CLIENT

TPI

Malua Bhakuraha VDI IV



Jal Jeevan Mission

Har Bhar Jal



State Level Water Analysis Laboratory, U.P. Jal Nigam (Rural) Gonda
B Rana Pratap Marg Lucknow (Test Address Only)

Test report

Sample ID: U1582852513802887

User Information

Name: Vishwanath Projects Limited shankar Mobile: 7799882237
 Email: pc-jm@vplindia.com Pin Code:
 Full Address: Village- Shahpur Jot Yusuf, Gram Panchayat- Shahpur Jot Yusuf, Block- Chitaura, District- Bahraich, State- Uttar Pradesh

Sample description

Source of Sample: ~~Public tap water~~ Tubewell/Borewell/well Village: Malwa Bhakuraha
 Gram Panchayat: Malwa Bhakuraha Block: Bisi
 District: Bahraich State: Uttar Pradesh
 Address: Remarks:
 Latitude: 27.49836 Longitude: 81.55858

Date & time of sample collection: 21.07.2023 | 02:01:00 PM
 Date & time of sample received in lab: 22.07.2023 | 04:06:00 PM
 Date & time of sample analysed: 24.08.2023 | 12:56:00 PM
 Date & time of report generation: 30.08.2023 | 11:43:45 AM

Test results

Sl. No.	Parameter	Unit	Observed Value	Permissible Limit (as per IS: 10439)	Remarks
1	Aluminum (As Al)	mg/l	0.03	0.2	0.000
2	Barium (as Ba)	mg/l	0.07	No Relaxation	0.300
3	Boron (as B)	mg/l	0.5	1	0.010
4	Cadmium (As Cd)	mg/l	0.003	No Relaxation	0.000
5	Calcium (as Ca)	mg/l	75	200	8.100
6	Chloride (as Cl)*	mg/l	250	1000	24.460
7	Copper (As Cu)	mg/l	0.05	1.5	0.000
8	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000
9	Fluoride (as F)*	mg/l	1	1.5	0.200

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Sl. No.	Parameter	Unit	Standard Limit (as per IS 10500)	Remarks	Value
10	Free residual Chlorine	mg/l	0.2	1	0.000
11	Iron (As Fe)*	mg/l	1	No Relaxation	0.010
12	Lead (as Pb)	mg/l	0.01	No Relaxation	0.000
13	Magnesium (As Mg)	mg/l	30	100	13.100
14	Manganese (As Mn)	mg/l	0.1	0.3	0.000
15	Nickel (As Ni)	mg/l	0.02	No Relaxation	0.000
16	Nitrate (as NO3)*	mg/l	45	No Relaxation	4.230
17	pH*	NA	6.5-8.5	No Relaxation	8.260
18	Silver (as Ag)	mg/l	0.1	No Relaxation	0.000
19	Sulphate (as SO4)*	mg/l	200	400	3.000
20	TDS*	mg/l	500	2000	360.000
21	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	255.000
22	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.010
23	Total Chromium (As Cr)	mg/l	0.05	No Relaxation	0.000
24	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000
25	Total Hardness (As CaCO3)*	mg/l	200	600	280.000
26	Turbidity*	NTU	1	5	2.550
27	Zinc (As Zn)	mg/l	5	15	0.000

- Note:**
- 1) *Indicates parameters that are NABL accredited.
 - 2) This test results related to the sample tested above
 - 3) The report shall not to be reproduced in full without approval of authority
 - 4) This is the end of the report

Jal Jeevan Mission aims at potable tap water supply to every home
 J.J.M.'s four pillars to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.



Seen
SM
 JUNIOR ENGINEER
 DIVISION OFFICE (E/M)
 U.P. JAL NIGAM RURAL GONDA

Jaan
RST



REQUEST FOR INSPECTION AND APPROVAL



Project	Jal Jeevan Mission Water Project, Bahraich (UP)		
Client	State Water & Sanitation Mission, Uttar Pradesh		
Consultant /TPA	Ceinsys Techno LTD.		
EPC Contractor	Ga Infra - VPL (JV)		
RFI No	VPL/JJM/BAHRAICH/00		
RFI Start Date and Time	10-05-2023		
Location:	MALUWA BHAKURAHA	Block: RISIA	
For Civil /Works :	BOREWELL DRILLING WORK START		
Drawing No.			
Description of Work: BORE WELL DRILLING WORK START			
RFI Raised By	RAMBABU		
Signature			
Date	09-05-2023		
Approved	Rejected	Not Ready	
Department	M/s GA INFRA -VPL(JV)	TPI (M/s Ceinsys Techno LTD)	Client (UP Jal Nigam)
Comments		Done	
Signature			
Date			



REQUEST FOR INSPECTION AND APPROVAL



Project	Jal Jeevan Mission Water Project, Bahraich (UP)		
Client	State Water & Sanitation Mission , Uttar Pradesh		
Consultant /TPA	Ceinsys Techno LTD.		
EPC Contractor	Ga Infra - VPL (JV)		
RFI No	VPL/JJM/BAHRAICH/00		
RFI Start Date and Time	11-05-2023		
Location:	MALUWA BHAKURAHA	Block: RISIA	
For Civil /Works :	ELECTRO LOGGING WORK		
Drawing No.			
Description of Work: ELECTRO LOGGING WORK TO BE DONE			
RFI Raised By	RAMBABU		
Signature	<i>Rambabu</i>		
Date	10-05-2023		
Approved	Rejected	Not Ready	
Department	M/s GA INFRA -VPL(JV)	TPI (M/s Ceinsys Techno LTD)	Client (UP Jal Nigam)
Comments		Done	
Signature	<i>AGN</i>	<i>QD</i>	
Date			



REQUEST FOR INSPECTION AND APPROVAL



Project	Jal Jeevan Mission Water Project, Bahraich (UP)		
Client	State Water & Sanitation Mission , Uttar Pradesh		
Consultant /TPA	Ceinsys Techno LTD.		
EPC Contractor	Ga Infra - VPL (JV)		
RFI No	VPL/JJM/BAHRAICH/00		
RFI Start Date and Time	19-05-2023		
Location:	MALUWA BHAKURAHA	Block: RISIA	
For Civil /Works :	M\S PIPE LOWERING		
Drawing No.			
Description of Work: M\S PIPE LOWERING WORK TO BE DONE			
RFI Raised By	RAMBABU		
Signature	<i>Rambabu</i>		
Date	18-05-2023		
Approved	Rejected	Not Ready	
Department	M/s GA INFRA -VPL(JV)	TPI (M/s Ceinsys Techno LTD)	Client (UP Jal Nigam)
Comments		<u>Completed</u>	
Signature	<i>AG</i>	<i>GR</i>	
Date			



REQUEST FOR INSPECTION AND APPROVAL



Project	Jal Jeevan Mission Water Project, Bahraich (UP)		
Client	State Water & Sanitation Mission , Uttar Pradesh		
Consultant /TPA	Ceinsys Techno LTD.		
EPC Contractor	Ga Infra - VPL (JV)		
RFI No	VPL/JJM/BAHRAICH/00		
RFI Start Date and Time	28-06-2023		
Location:	MALUWA BHAKURAHA	Block: RISIA	
For Civil /Works :	BOREWELL AIR COMPRESSON WORK		
Drawing No.			
Description of Work: DEVELOPMENT OF T\W BY AIR COMPRESSOR			
RFI Raised By	RAMBABU		
Signature			
Date	27-06-2023		
Approved	Rejected	Not Ready	
Department	M/s GA INFRA -VPL(JV)	TPI (M/s Ceinsys Techno LTD)	Client (UP Jal Nigam)
Comments		Development of Tubewell by Air Compressor completed	
Signature			
Date			



REQUEST FOR INSPECTION AND APPROVAL



Project	Jal Jeevan Mission Water Project, Bahraich (UP)		
Client	State Water & Sanitation Mission , Uttar Pradesh		
Consultant /TPA	Ceinsys Techno LTD.		
EPC Contractor	Ga Infra - VPL (JV)		
RFI No	VPL/JJM/BAHRAICH/00		
RFI Start Date and Time	20-07-2023		
Location:	MALUWA BHAKURAHA	Block: RISIA	
For Civil /Works :	BOREWELL OP WORK		
Drawing No.			
Description of Work: DEVELOPMENT OF T\W BY OP UNIT			
RFI Raised By	RAMBABU		
Signature	<i>Rambabu</i>		
Date	19-07-2023		
Approved	Rejected	Not Ready	
Department	M/s GA INFRA -VPL(JV)	TPI (M/s Ceinsys Techno LTD)	Client (UP Jal Nigam)
Comments		Development of Tubewell by OP unit 'Dour'	
Signature	<i>[Signature]</i>	<i>[Signature]</i>	
Date			