

NAME OF THE SCHEME : PEERNASEROODDINE
GRAM PANCHAYAT : PEERNASEROODDINE
NAME OF THE BLOCK : NAWABGANJ
DISTRICT : BAHARICH
TRIPARTITE AGREEMENT : JIM/UP/Phase5/Baharich/GA Infra-VPL(JV)/3202/71 Dt. 16.03.23
RA BILL NO : PEERNASEROODDINE # RA-05, DATE : 12/02/2024

LOA No. : 3207/W-27/(Devi Patan)/2022-23, DT 04.11.2022.
PROJECT : State Water & Sanitation Mission (SWSM) Under Jal Jeevan Mission (JJM).
NAME OF WO : Rural Water Supply Project
EXECUTING AT : M/s GA Infra - VPL (JV)
COVER AGREE : 48/ED/PHASE-5/22-23/III DATED-03.04.23

(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)
1.00	SURVEY	LS	100%	1,72,413.26	1.00	1.00	1,77,000.00	-	-	1.00	1,77,000.00	
1.01	All the works including Hydrological survey, topographical survey, Design charges including preparation and approval of DPR											
	Tube well construction											
2.03	DC/RC Drilling up to 100Mtr.	Mtr.	100%	2,108.39	100.00	-	-	100.00	2,10,839.00	100.00	2,10,839.00	
2.06	DC/RC Drilling from 101 Mtr. To 200 Mtr.Deep	Mtr.	100%	2,291.91	75.00	-	-	78.00	1,78,768.98	78.00	1,78,768.98	
2.07	500 MMØ	Mtr.	100%	2,505.95	25.00	-	-	22.00	55,130.90	22.00	55,130.90	
2.10	DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep	Mtr.	100%	2,994.13	20.00	-	-	20.00	1,04,794.55	35.00	1,04,794.55	
	450 MMØ											
	MSERW plain pipe,As per IS 4270											
3.02	150 MMØ	Mtr.	70%	1,998.00	134.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	1,998.00	133.71	-	-	133.71	1,87,006.81	133.71	1,87,006.81	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	1,998.00	133.71	-	-	133.71	53,430.52	133.71	53,430.52	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	1,998.00	42.00	-	-	42.00	13,357.63	133.71	13,357.63	
3.03	200 MMØ	Mtr.	70%	2,547.45	42.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	2,547.45	42.00	-	-	42.00	75,055.52	42.00	75,055.52	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	2,547.45	42.00	-	-	42.00	21,444.43	42.00	21,444.43	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	2,547.45	42.00	-	-	42.00	5,361.11	42.00	5,361.11	
	MSERW Pipe slotted pipe as per IS 8110											
3.06	150 MMØ	Mtr.	70%	3,076.92	24.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	3,076.92	24.00	-	-	24.00	51,692.26	24.00	51,692.26	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	3,076.92	24.00	-	-	24.00	14,769.22	24.00	14,769.22	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	3,076.92	24.00	-	-	24.00	3,692.30	24.00	3,692.30	
	MS Ring											
3.10	150 mm Ø MS. Ring made by 150 mm x 12 mm Flat	No.	70%	1,268.73	28.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	1,268.73	28.00	-	-	26.00	23,090.89	26.00	23,090.89	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	1,268.73	7.00	-	-	26.00	6,597.40	26.00	6,597.40	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	1,598.40	7.00	-	-	7.00	1,649.35	26.00	1,649.35	
3.11	200 mm Ø MS. Ring made by 150 mm x 12 mm Flat	No.	70%	1,598.40	7.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	1,598.40	7.00	-	-	7.00	7,832.16	7.00	7,832.16	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	1,598.40	7.00	-	-	7.00	2,237.76	7.00	2,237.76	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	1,598.40	7.00	-	-	7.00	559.44	7.00	559.44	
	MS Ball plug As per IS 2800											
3.14	150 mm Ø M.S. Ball Plug	No.	70%	1,723.28	1.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	1,723.28	1.00	-	-	1.00	1,206.30	1.00	1,206.30	
Interim Payment	2. On completion erection/fixing /laying / jointing.	Mtr.	5%	1,723.28	1.00	-	-	1.00	344.66	1.00	344.66	
Interim Payment	3. On Completion of Testing.	Mtr.	70%	1,723.28	1.00	-	-	1.00	86.16	1.00	86.16	
	Reducer-											
3.18	200 x 150 mm Reducer	No.	70%	4,145.85	1.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	20%	4,145.85	1.00	-	-	1.00	2,902.10	1.00	2,902.10	



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

NAME OF THE SCHEME : PEERNASEROODINE
GRAM PANCHAYAT : PEERNASEROODINE
NAME OF THE BLOCK : NAWABGANJ
DISTRICT : BAHARICH
TRIPARTITE AGREEMENT : JIM/UP/Phase5/Bahraich/GA Infra-VPL(JV)/3202/71 Dt. 16.03.23
RA BILL NO : PEERNASEROODINE # RA-05, DATE : 12/02/2024
LOA No. : 3207/W-27/(Devi Patan)/2022-23, DT 04.11.2022.
PROJECT : State Water & Sanitation Mission (SWSM) Under Jal Jeevan Mission (JJM).
NAME OF WO : Rural Water Supply Project
EXECUTING AC : M/s GA Infra - VPL (JV)
COVER AGREE : 48/ED/PHASE-5/22-23/III DATED-03.04.23

(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)
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	4,145.85	-	-	-	1.00	829.17	1.00	829.17	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	4,145.85	-	-	-	1.00	207.29	1.00	207.29	
3.23	MSS1 Clamp- As per IS 2800	No.			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	1,498.50	-	-	-	1.00	1,048.95	1.00	1,048.95	
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	1,498.50	-	-	-	1.00	299.70	1.00	299.70	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	1,498.50	-	-	-	1.00	74.93	1.00	74.93	
3.28	TW Assy Support-	No.			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	15,484.50	-	-	-	1.00	10,839.15	1.00	10,839.15	
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	15,484.50	-	-	-	1.00	3,096.90	1.00	3,096.90	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	15,484.50	-	-	-	1.00	774.23	1.00	774.23	
3.32	MS Well Cap-	No.			1.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	1,348.65	-	-	-	1.00	944.06	1.00	944.06	
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	1,348.65	-	-	-	1.00	269.73	1.00	269.73	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	1,348.65	-	-	-	1.00	67.43	1.00	67.43	
3.34	Centre Guide-	No.			12.00							
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	919.08	-	-	-	12.00	7,720.27	12.00	7,720.27	
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	919.08	-	-	-	12.00	2,205.79	12.00	2,205.79	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	919.08	-	-	-	12.00	551.45	12.00	551.45	
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											
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	340.66	58.00	-	-	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	
4.03	200 MMØ MSERW Plane/Slotted Pipe											
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	417.59	42.00	-	-	42.09	12,303.45	42.09	12,303.45	
Interim Payment	2. On completion erection/fixing/laying/jointing.	Mtr.	20%	417.59	-	-	-	42.09	3,515.27	42.09	3,515.27	
Interim Payment	3. On Completion of Testing.	Mtr.	5%	417.59	-	-	-	42.09	878.82	42.09	878.82	
4.06	Lowering from 101 Mtr. To 200 Mtr. Deep											
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	375.63	100.00	-	-	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	
4.17	Logging of Borehole by Electric logging	job	100%	17,982.00	1.00							
Additional item	Cement Sealing for QPV Areas including all Materials, T&P and Labour etc for Completion of work.	job	100%	999.00	244.00			239.00	2,38,761.00	239.00	2,38,761.00	



JUNIOR ENGINEER
 DIVISION OFFICE (EIM)
 U.P. JALAWATI RURAL GONDA

NAME OF THE SCHEME : PEERNASEROODDINE
 GRAM PANCHAYAT : PEERNASEROODDINE
 NAME OF THE BLOCK : NAWABGANJ
 DISTRICT : BAHARICH
 TRIPARTITE AGREEMENT : JIM/UP/Phase5/Bahraich/GA Infra-VPL(IV)/3202/71 Dt. 16.03.23
 RA BILL NO : PEERNASEROODDINE # RA-05, DATE : 12/02/2024

LOA No. : 3207/W-27/(Devi Patan)/2022-23, DT 04.11.2022.
 PROJECT : State Water & Sanitation Mission (SWSM) Under Jal Jeevan Mission (JJM).
 NAME OF WO : Rural Water Supply Project
 EXECUTING AC : M/s GA Infra - VPL (IV)
 COVER AGREE : 48/ED/PHASE-5/22-23/III DATED-03-04-23

(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)
5.00	Supplying and unconsolidated packing of gravel with suitable size	Cum	100%	7,492.50	28.00	-	-	27.47	2,05,818.98	27.47	2,05,818.98	
6.03	350 PSI Compressor per hour	Hr.	100%	4,245.75	50.00	-	-	49.42	2,09,824.97	49.42	2,09,824.97	
6.06	Charges for Development of TW by 1 cusec OP Unit	Hr.	100%	1,123.88	100.00	-	-	99.50	1,11,826.06	99.50	1,11,826.06	
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 GL G.I. 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	442.00	-	-	-	-	-	-	
Interim Payment	1. Supply & Delivery of MDPE Pipes and flow control valve.	Nos.	35.0%	3,696.30		295.00	3,81,642.98			295.00	3,81,642.98	
Interim Payment	2. Supply & Delivery of Saddle & Brass Tap.	Nos.	25.0%	3,696.30		295.00	2,72,602.13			295.00	2,72,602.13	
Interim Payment	3. Supply & Delivery of GI Pipes and Fittings.	Nos.	10.0%	3,696.30		295.00	1,09,040.85			295.00	1,09,040.85	
Additional Item	Purchasing of DG set of 20 KVA	Nos.		3,70,000.00	1.00	-	-	-	-	-	-	
Interim Payment	1. On Supply & Delivery.	Mtr.	70%	3,70,000.00		1.00	2,59,000.00			1.00	2,59,000.00	
	Total Amount	=					11,99,285.95		19,06,115.10		31,05,401.05	

18,61,203.15 30,60,489.10



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

FIRST BEST SOLUTIONS

(COMPLETE GROUND WATER SERVICE PROVIDER)

Plot No. V21, Flat No. 10, Vikram Enclave Shalimar Garden, Sahibabad, Ghaziabad-201005

Email: - firstbestsolution@yahoo.com

Mob: - 8744928231

Date:3-11-2023

Geophysical Borehole Logging Report

By Sh. R. Chandrā, Sr. Scientist (Retd.)

The geo-electric logging was done in the borehole at village Pir Nasuriddin, Block Nawabganj, District Baheraich, U.P.

Name of Village : Pir Nasuriddin

Block – Nawabganj

District: Baheraich

Date : 3-11-2023

Depth logged : 235.0 mbgl

Logger use : Robertson

Based on the Interpretation report from geophysical Log chart following granular zones have been deciphered.

S.No	Depth Range (m.bgl)		Thickness (m)	LITHOLOGY
	From	To		
1	6	15	9	Clay and kankar
2	15	30	15	Fine to medium Sand
3	30	40	10	Clay and kankar
4	40	44	4	Fine sand
5	55	66	11	Clay and kankar
6	66	97	31	Fine sand
7	97	100	3	Clay and kankar
8	100	104	4	Fine sand
9	104	106	2	Clay and kankar
10	106	115	9	Fine sand
11	115	130 ✓	15	Clay and hard kankar
12	130	154 ✓	24	Fine sand
13	154	175	21	Clay and hard kankar
14	175	195 ✓	20	Fine sand
15	195	220	25	Clay and hard kankar
16	220	235	15	Coarse sand and Gravel

For First Best Solution

Seen
SW ✓

Authorized Signatory

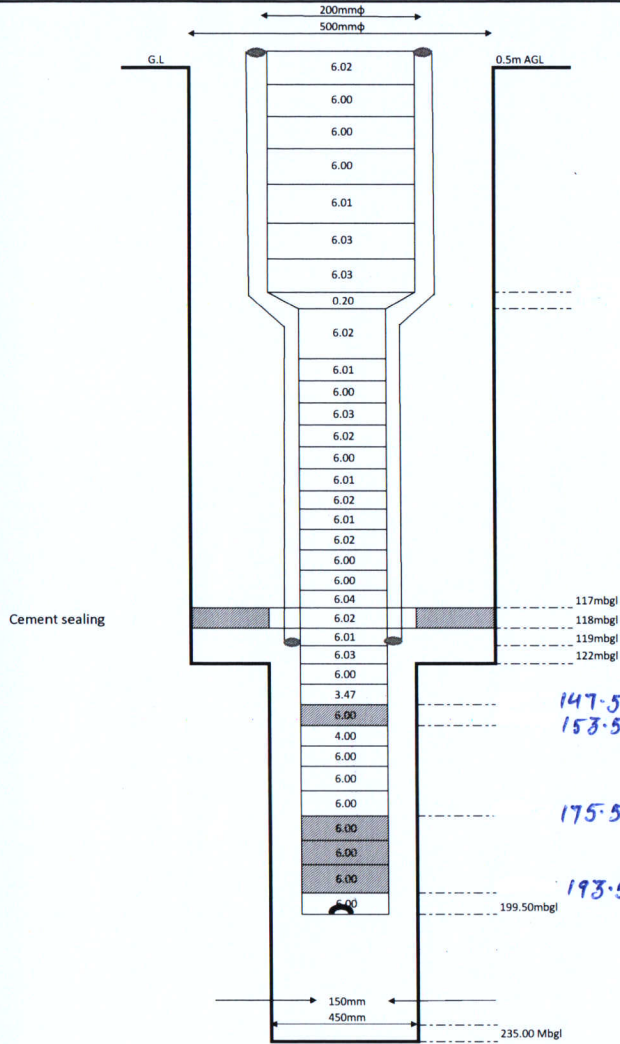
For First Best Solution

Niraj
Proprietor



GA INFRA- VISHWANATH PROJECTS LIMITED

ACTUAL STRATA CHART & TUBEWELL ASSEMBLY OF PEER NASEERUDDIN W/S SCHEME, BLOCK -NAWABGANJ, DISTRICT- BAHRAICH



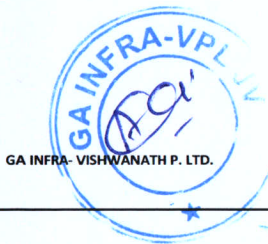
1	Bore Size	500 X 450 mm
2	Assembly Size	200 X 150 mm
3	Drilling Depth	235.00 Mbgl
4	Logging Depth	220.00Mbgl
5	Date of Logging	03.11.2023
6	Required Discharge	470 LPM/45m
7	Date of Lowring	05.11.2023

LOGGING REPORT-

Sl. No.	Depth Range(mbgl)		Inferred Lithology	Thickness(m)	Remark
	From (m)	To (M)			
1	6	15	Clay with kankar	9.0	
2	15	30	Fine to Medium sand	15.0	GOOD
3	30	40	Clay with kankar	10.0	
4	40	44	Fine sand	4.0	GOOD
5	44	66	Clay with kankar	22.0	
6	66	97	Fine sand	31.0	GOOD
7	97	100	Clay with kankar	3.0	
8	100	104	Fine sand	4.0	GOOD
9	104	106	Clay with kankar	2.0	
10	106	115	Fine sand	9.0	GOOD
11	115	130	Clay with kankar	15.0	
12	130	154	Fine sand	24.0	GOOD
13	154	175	Clay with kankar	21.0	
14	175	195	Fine sand	20.0	GOOD
15	195	220	Clay with kankar	25.0	

1 Almost all zones are intermixed with fine bands of kankar.

Sl. No.	Descriptions	Length(m)	Remarks
1	200mmφ Housing Pipe	42.09	
2	150mmφ Plain Pipe	133.71	
3	150mm Slotted Pipe	24.00	
4	200mmX150mm Reducer	0.20	
Total Assembly		200.00	
Less AGL		0.50	
TOTAL BGL		199.50	



GA INFRA- VISHWANATH P. LTD.

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

(JE, UPJN(RURAL) E&M
GONDA)

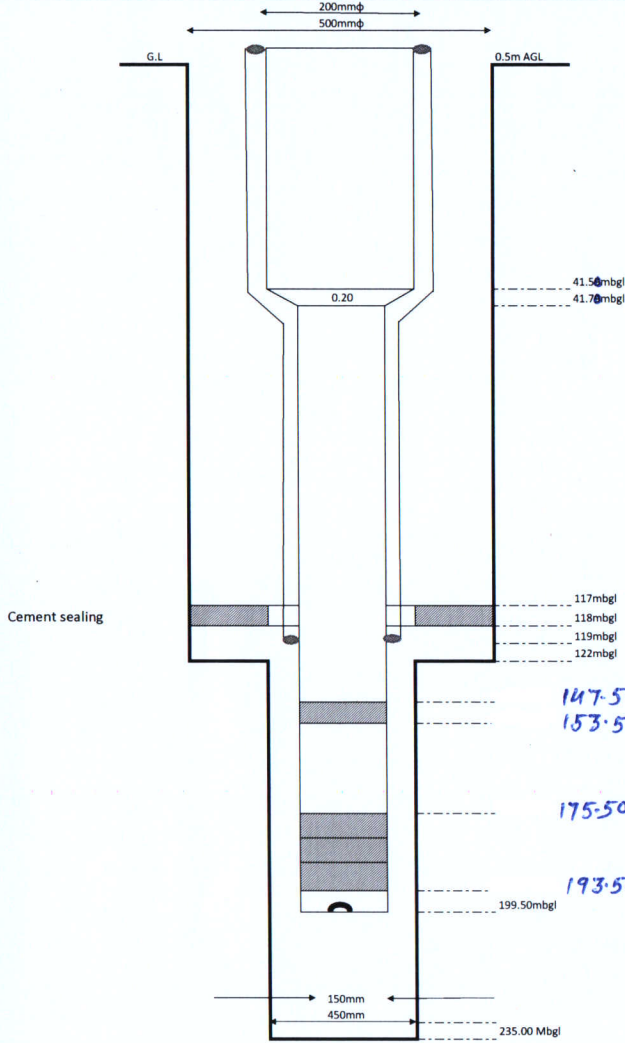
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GONDA)

(EE, UPJN(RURAL) E&M
GONDA)



GA INFRA- VISHWANATH PROJECTS LIMITED

PROPOSED STRATA CHART & TUBEWELL ASSEMBLY OF PEER NASEERUDDIN W/S SCHEME, BLOCK -NAWABGANJ, DISTRICT- BAHRAICH



1	Bore Size	500 X 450 mm
2	Assembly Size	200 X 150 mm
3	Drilling Depth	235.00 Mbgf
4	Logging Depth	220.00 Mbgf
5	Date of Logging	03.11.2023
6	Required Discharge	470 LPM/45m

LOGGING REPORT-

Sl. No.	Depth Range(mbgf)		Inferred Lithology	Thickness(m)	Remark
	From (m)	To (M)			
1	6	15	Clay with kankar	9.0	
2	15	30	Fine to Medium sand	15.0	GOOD
3	30	40	Clay with kankar	10.0	
4	40	44	Fine sand	4.0	GOOD
5	44	66	Clay with kankar	22.0	
6	66	97	Fine sand	31.0	GOOD
7	97	100	Clay with kankar	3.0	
8	100	104	Fine sand	4.0	GOOD
9	104	106	Clay with kankar	2.0	
10	106	115	Fine sand	9.0	GOOD
11	115	130	Clay with kankar	15.0	
12	130	154	Fine sand	24.0	GOOD
13	154	175	Clay with kankar	21.0	
14	175	195	Fine sand	20.0	GOOD
15	195	220	Clay with kankar	25.0	

1. Almost all zones are intermixed with fine bands of kankar.

Sl. No.	Descriptions	Length(m)	Remarks
1	200mmφ Housing Pipe	42.00	
2	150mmφ Plain Pipe	133.00	
3	150mm Slotted Pipe	24.00	



GA INFRA- VISHWANATH P. LTD.

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

(AE, UPJN(RURAL) E&M
GONDA)

(EE, 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 - PEER NASEERUDDIN
- 2. BLOCK - NAWABGANJ
- 3. DATE OF TESTING - 01-12-2023
- 4. T.W SIZE - 200X150 MM
- 5. S.W.L - 10.15 MTR
- 6. AIR LINE LOWERED - 192 MTR
- 7. DISCHARGE MEASURED BY - M.S 90° V-NOTCH TANK
- 8. DEPTH OF TUBEWELL - 199.50 MTR
- 9. REQUIRED DICHARGE - 470 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	19	17	2	20	6,000	3,400	2,500	1,600	1,000	

NOTE:RECOMMENDED FOR DEVELOPMENT OF T.W BY O.P UNIT.

TEST CONDUCTED IN PRESENCE OF BY.

GA INFRA- VPL

TPI

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

Assistant Engineer

Executive Engineer

Divisional office U.P Jal Nigam (Rural) Gonda.U.P-271001.

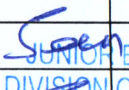
Log Book

Log Sheet : Compressor

Name of Block : <u>Nawalaganj</u>	District:
Name of Gram Panchayat : <u>Purnasivuddin</u>	Discharge:
Name of Village :	Discharge Mesu

Date	Start	Stop	Hours	Air Line Lowered(m)	Starting Pressure	Running Pressure	Signature of Compressor Operator	Remarks
26/11/2023	08:00 AM	01:00 PM	05:00					37AC
26/11/2023	02:00 PM	05:00 PM	03:00					37AC
27/11/2023	08:00 AM	01:00 PM	05:00					37AC
27/11/2023	02:00 PM	05:00 PM	03:00					37AC
28/11/2023	08:00 AM	01:00 PM	05:00					37AC
28/11/2023	02:00 PM	05:00 PM	03:00					37AC
29/11/2023	08:00 AM	01:00 PM	05:00					37AC
29/11/2023	02:00 PM	05:00 PM	03:00					37AC
30/11/2023	08:00 AM	01:00 PM	05:00					37AC
30/11/2023	02:00 PM	05:00 PM	03:00					37AC
01/12/2023	08:00 AM	01:00 PM	05:00					37AC
01/12/2023	02:00 PM	02:25 PM	04:25					37AC
Total			49:25 hrs					




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



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 - PEER NASEERUDDIN
- 2.BLOCK - NAWABGANJ
- 3.DATE OF TESTING - 16-12-2023
- 4.T.W SIZE - 200 X 150
- 5. S.W.L -10.15 MTR
- 6. COLUMN PIPE LOWERED - 30 MTR
- 7. SIZE OF COLUMN PIPE - 100 MM
- 8. ORIFICE SIZE - 4"X3"
- 9. CAPACITY OF O.P UNIT- 1 Cusec
- 10. REQUIRED DICHARGE - 470 Lpm

SR.NO	DISCHARGE THROUGH ORIFICE SIZE (4"X3")		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
1	35	946	10.15	15.85	5.70	300	150	50	Tr	CL	
2	25	794	10.15	14.30	4.15	100	50	Tr	CL	CL	
3	9	477	10.15	12.75	2.60	50	Tr	CL	CL	CL	

NOTE: Recommended Discharge 470 Lpm at 2.60 mtr depression pump should be run atleast 10 min in By pass then after taken in line.

TEST CONDUCTED IN PRESENCE OF BY

(Signature)

GA INFRA - VPL

TPI

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

Assistant Engineer

Executive Engineer

G.P. - Peesi Naxseerudain

Log Book

Bahraich

Development and Yield Test of T.W. by O.P Unit of T.W. Distt:

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	Depressi on in mtr	Sand Contents in P.P.M							Signature of O.P Unit Oprator	
									Starting	5min	10min	15min	20min	25min	30min		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
07/12/23	06:00 AM	12:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
08/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
09/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
10/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
11/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
12/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
13/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
14/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
15/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	06:00 PM	04:00														जेम
14/12/23	07:00 AM	01:00 PM	06:00														जेम
	02:00 PM	05:00 PM	03:00														जेम
	Total →		99:30 hrs														



Jeon
 JUNIOR ENGINEER
 DIVISION OFFICE (E/M)
 U.P. JALNIGAM RURAL GONDA
 JE

Total Hour

0:00



Jal Jeevan Mission

Har Ghar Jal



State Level Water Analysis Laboratory, U.P Jal Nigam (Rural), Lucknow

6 Rana Pratap Marg Lucknow (Test Address only)

Test report

Sample ID: U1683952517395308

User Information

Name: Vishwanath Projects Limited - Shankar Mobile: 7799887237
Email: pcjmi@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: Tube well / Bore well / Well Villager: Peernaseruddin
Gram Panchayat: Peernaseroddine Block: Nawabganj
District: Bahraich State: Uttar Pradesh
Address: Remarks:
Latitude: 27.3211 Longitude: 81.611045

Date & time of sample collection

16.12.2023 | 01:00:00 PM

Date & time of sample received in lab

16.12.2023 | 04:49:00 PM

Date & time of sample analysed

03.01.2024 | 08:15:00 PM

Date & time of report generation

05.01.2024 | 05:21:33 PM

Test results

Sl. No.	Parameter tested	Unit of measurement	Requirement (as per BIS 105)	Permissible limit (in absence of artificial source) as per BIS 10500	Test result value	Remarks
1	Aluminum (As Al)	mg/l	0.03	0.2	0.002	
2	Barium (as Ba)	mg/l	0.7	No Relaxation	0.035	
3	Boron (as B)	mg/l	0.5	1	0.046	
4	Cadmium (As Cd)	mg/l	0.003	No Relaxation	0.000	

Sl. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
5	Calcium (as Ca)	mg/l	75	200	58.000	✓
6	Chloride (as Cl)*	mg/l	250	1000	7.500	✓
7	Copper (As Cu)	mg/l	0.05	1.5	0.189	✓
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	0.280	✓
10	Free residual Chlorine	mg/l	0.2	1	0.000	✓
11	Iron (As Fe)*	mg/l	1	No Relaxation	0.194	✓
12	Lead (as Pb)	mg/l	0.01	No Relaxation	0.001	✓
13	Magnesium (As Mg)	mg/l	30	100	40.188	✓
14	Manganese (As Mn)	mg/l	0.1	0.3	0.089	✓
15	Nickel (As Ni)	mg/l	0.02	No Relaxation	0.003	✓
16	Nitrate (as NO3)*	mg/l	45	No Relaxation	1.030	✓
17	pH*	NA	6.5-8.5	No Relaxation	7.940	✓
18	Silver (as Ag)	mg/l	0.1	No Relaxation	0.000	✓
19	Sulphate (as SO4)*	mg/l	200	400	1.670	✓
20	TDS*	mg/l	500	2000	386.000	✓
21	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	270.000	✓
22	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.001	✓
23	Total Chromium (As Cr)	mg/l	0.05	No Relaxation	0.002	✓
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	310.000	✓
26	Turbidity*	NTU	1	5	4.820	✓
27	Zinc (As Zn)	mg/l	5	15	0.033	✓

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

Sean

SM

Authorised signatory
Anil Kumar (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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