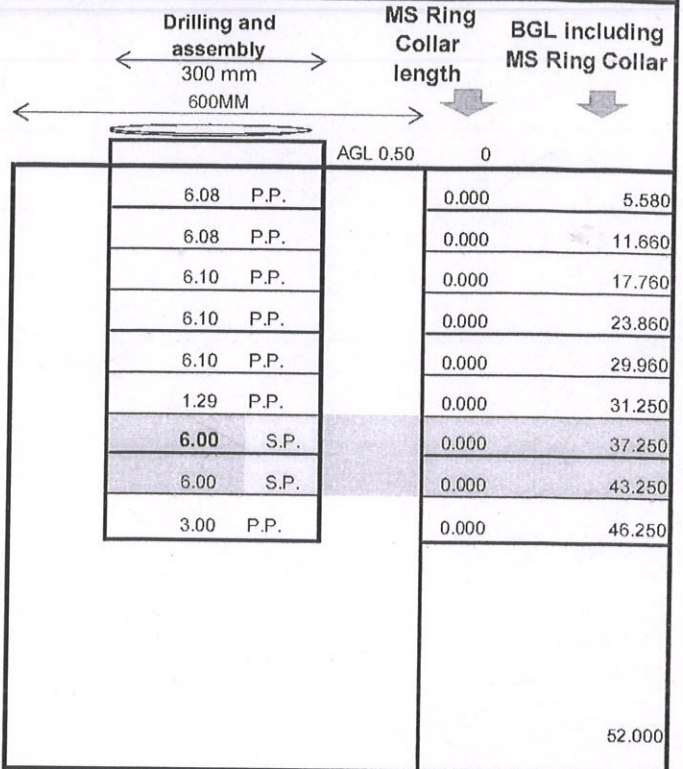


M/S VSAIPPL-SMC JV, Ghazipur (U.P)

33

Actual Strata Chart of BHARSAR REORGANISATION WATER SUPPLY SCHEME, BLOCK-BIRNO, ZONE 4, GRAM PANCAHYAT- MADHOPUR MISHRAULI TW-2
Under Jal Jeevan Mission, District- Ghazipur(U.P.)

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	clay
2	6	18	Kankad Clay
3	18	26	Kankad
4	26	30	clay
5	30	46	very fine sand with Kankad
6	46	74	Kankad Clay
7	74	94	fine sand with Kankad
8	94	124	Kankad Clay
9	124	158	Kankad with very fine sand
10	158	212	Kankad Clay
11	212	258	Very Fine Sand with kankad
12	258	312	Kankad Clay
13	312	330	Kankad with fine sand
14	330	355	Kankad Clay



Logging Report

5.10.2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	19	25	6	Good
2	31	44	13	Good

Note -

1. Quality of ground water is deteriorating marginal to saline below 75.0 mbgl to till depth logged.
2. Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	280.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl	52.000	Mbgl
3	Clear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	360	Mbgl	355.000	Mbgl
5	Plane pipe 300MM	0	m	34.750	m
6	Plane pipe 200MM	60	m	0.000	m
7	Plane pipe 150MM	258	m	0.000	m
8	Slotted pipe 300MM	0	m	12.000	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	12	m	0.000	m
11	Date of lowering			11-10-2023	

 (.....) Company Repre. M/S VSAIPPL-SMC	 (.....) TPIA Medhaj Techno Concept Pvt.	 (A.Srivastava) Junior Engineer	 (Nitish Kumar) Assistant Engineer	 (Adarsh Verma) Exe. Engineer
Division Office(E/M) , U.P.Jal Nigam(Rural), Varanasi				



GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Tele Fax : +91-0522-246-5512(O)
Mob. : + 91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

280 LPM
60 + 258 + 12
200 X 150

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS:K- 298
Dated: 06-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: ~~Prithvi Nagar~~
Block: Birno
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 05-10-2023
Drilling Depth: 360.0 m bgl
Logging Depth: 355.0 m bgl
Rm - 15.0 Ω m Rw - 18.0 Ω m

Bhar san
2-4
Madaypur
Mishrauli

Borehole Drilled by: M/s Vikram Engineering Ghazipur, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	19 - 25	06	Good
2.	31 - 44	13 - 12	Good

- Note: 1. Quality of ground water is deteriorating marginal to saline below 75.0 m bgl to till depth logged.
2. Please ensure pre-monsoon water level before lower the well assembly.

Amint BP = 30m
Seal = 52

For Geo-Instruments & Technic's

(S. Shukla)

अधीक्षण अभियन्ता,
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक-बिरनो, जोन 4, ग्राम पंचायत- माधोपुर मिश्रौली TW 2. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 360/330 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 280 ली०प्र०मि० श्राव लिया जाना प्रस्तावित है। अनुबन्ध सं०- 475/ED/PHASE 2/2022-23/VII दिनांक 27.02.2023 के माध्यम से M/s VSAIPPL-SMC IV, District-Ghazipur द्वारा नलकूप निर्माण कार्य सम्पादित कराया जा रहा है। दिनांक 05.10.2023 को नलकूप के बोर की इलेक्ट्रिक लॉगिंग करायी गयी, जिसका विवरण निम्नानुसार है :-

Logging				PHYSICAL STRATA			
Date-05.10.2023				S.No.	BGL in meter		Formation
S.N.	Depth Range		Thickness		Remark	From	
	From	to		From		to	
1	19	25	6	Good	0	6	Clay
2	31	44	13	Good	6	18	Kankad Clay
					18	26	Kankad
					26	30	Clay
					30	46	Very Fine Sand With Kankad
					46	74	Kankad Clay
					74	94	Fine Sand with Kankad
					94	124	Kankad Clay
					124	158	Kankad With Very Fine Sand
					158	212	Kankad Clay
					212	258	Very Fine Sand With Kankad
					258	312	Kankad Clay
					312	330	Kankad With fine Sand
					330	355	Kankad Clay

Note-
1. Quality of ground water is deteriorating marginal to saline below 75.0 mbgl to till depth logged.
2. Please ensure pre-monsoon water level before lower the well assembly.

अनुबन्ध में उपरोक्त नलकूप से 280 ली०प्र०मि० श्राव प्राप्त करने हेतु Entrance Velocity 0.015m/sec पर 12 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लॉगिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 12 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लॉगिंग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Aquifer Very Fine sand with Kankad का है एवं लॉगिंग रिपोर्ट के अनुसार केवल 12 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, परंतु निकटवर्ती नलकूपों यथा भोजपुर, सहादतपुर इत्यादि के परीक्षणोपरान्त यह ज्ञात हुआ कि क्षेत्र का स्ट्रेटा अत्यंत फाइन सैंड का है जिससे जल की मात्रा कम है। ऐसे स्ट्रेटा में सफल नलकूप निर्माण हेतु स्लाटेड पाइप का Opening Area बढ़ाया जाना एक तकनीकी विकल्प हो सकता है। ऐसी स्थिति में 150 मि०मी० स्लाटेड पाइप के स्थान पर 300 मि०मी० व्यास साइज की स्लाटेड पाइप का उपयोग किया जाय तो 12 मीटर की लम्बाई में Entrance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 12 मीटर लम्बाई में 150 मि०मी० के स्थान पर 300 मि०मी० व्यास साइज की स्लाटेड पाइप का उपयोग किया जाय तो Opening entrance area 150 मि०मी० व्यास साइज के 24.00 मीटर पाइप के बराबर आयेगी, जो Aquifer structure के दृष्टिगत उचित होगा एवं वास्तविक श्राव यील्ड टेस्ट के उपरान्त डिप्रेशन की मानकों के गणना के दृष्टिगत स्पष्ट हो पायेगा। अनुबन्ध में निहित प्राविधान के अनुसार श्राव की प्रतिपूर्ति फर्म की स्वयं का उत्तर दायित्व में है, अतएव श्राव प्रतिपूर्ति न होने पर फर्म द्वारा द्वितीय नलकूप निर्माण कराते हुए पूरा किया जायेगा एवं भुगतान के संबंध में राज्य पेयजल स्वच्छता मिशन (एसडब्लू०एस०एम०) द्वारा सक्षम स्तर से स्वीकृति उपरान्त नियमानुसार किया जायेगा।

अतः प्राप्त एक्वूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 46 मीटर गहरे नलकूप जिसमें 12 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लॉगिंग रिपोर्ट की छायाप्रति

M/s VSAIPPL-SMC JV
District - Ghazipur

सगणक

जूनियो इंजी० सहायक अभियन्ता

अधिशायी अभियन्ता

अधीक्षण अभियन्ता

VARIATION STATEMENT AGAINST C.A. NO-475/ED/PHASE-2/2022-23/VII, Date- 27-02-2023

For Construction of 355/46.25 mts. deep 300 X 300 mm. dia assembly size T.W. inspite of 360/330 mts. deep 200 X 150 mm. dia assembly size T.W. by D.C. Rig Machine at BHARSAR REORGANISATION WATER SUPPLY SCHEME, BLOCK-BIRNO, ZONE 4, GRAM PANCAHYAT- MADHOPUR MISHRAULI TW2

Sl No	Item of work	Unit	Rate	Cost As Per Cover Aggrement (360/330 mts. deep 200 X 150 mm. dia assembly size)		Expenditure as per Actual Work Executed at Site due to adverse Geophysical Condition (355/46.25 mts. deep 300 X 300 mm. dia assembly size)	
				Qty	Amount (Rs)	Qty	Amount (Rs)
1	2	3	4	5	6	7	8
2.00	Drilling of borehole for tubewell construction by DC/RC/DTH/Rig Machine including transportation, erection, dismantling, of Rig and associated T&P complete in all respect including required all material labor etc.						
2.01	Transportation, installation, Dismantling of Rig machine and logging of bore hole		156159.071	1	1,56,159.07	1	1,56,159.07
2.02	Tube well construction						
2.03	DC/RC Drilling up to 100Mtr.						
2.04	400 MMØ	Rmt	2192.706				
2.05	450 MMØ	Rmt	2454.948	35	85,923.19	48	1,17,837.52
2.06	500 MMØ	Rmt	2717.191	65	1,76,617.39		
2.07	600 MMØ		3241.68			52	1,68,567.12
2.08	DC/RC Drilling from 101 Mtr. To 200 Mtr.Deep						
2.09	450 MMØ	Rmt	2774.630	100	2,77,463.01	100	2,77,463.01
2.10	500 MMØ	Rmt	3033.747				
2.11	600 MMØ	Rmt	3551.980				
2.12	DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep						
2.13	450 MMØ	Rmt	3158.991	100	3,15,899.12	100	3,15,899.12
2.14	500 MMØ	Rmt	3363.285				
2.15	600 MMØ	Rmt	3771.872				
2.16	DC/RC Drilling from 301 Mtr. To 400 Mtr.Deep & above						
2.17	450 MMØ	Rmt	3703.098	60	2,22,185.90	55	2,03,670.41
2.18	500 MMØ	Rmt	3907.392				
2.19	600 MMØ	Rmt	4315.989				
2.20	DTH Drilling upto 200.0 Mtr.Deep						
2.21	200/165 MMØ (in over burden/Hard Rock)		1248.250				
2.22	Development / Flushing of tubewell		2895.940				
3.00	Tubewell Assembly:						
3.01	MSERW Pipe plain pipe as per IS 4270						
3.02	100 MMØ	Rmt	926.202				
3.03	150 MMØ	Rmt	1897.340	258	4,89,513.72		
3.04	200 MMØ	Rmt	2546.430	60	1,52,785.80		
3.05	300 MMØ		3794.680			34.75	1,31,865.13
3.06	MSERW Pipe slotted pipe as per IS 8110						
3.07	100 MMØ	Rmt	1364.936				
3.08	150 MMØ	Rmt	2796.080	12	33,552.96		
3.09	200 MMØ	Rmt	3828.433				
3.10	300 MMØ	Rmt	5181.326			12	62,175.91
3.11	MS fittings such as clamp, bail plug, reducer, well cap. Girder & support structure	Job	32249.787	1	32,249.79	1	32,249.79
3.12	MS fittings such as ring & centre guide		471.020	330	1,55,436.48	46.75	22,020.17
4.00	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc						
4.01	Lowering up to 100 Mtr. Deep						
4.02	100 MMØ MSERW Plane/Slotted Pipe	Rmt	177.571				
4.03	150 MMØ MSERW Plane/Slotted Pipe	Rmt	385.460	40	15,418.38		
4.04	200 MMØ MSERW Plane/Slotted Pipe	Rmt	389.454	60	23,367.24		
4.05	300 MMØ MSERW Plane/Slotted Pipe	Rmt	489.314	0		46.25	22,630.77
4.06	Lowering from 101 Mtr. To 200 Mtr. Deep						
4.07	150 MMØ MSERW Plane/Slotted Pipe	Rmt	442.380	100	44,237.98		
4.08	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.973	0			
4.09	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.175				
4.10	Lowering from 201 Mtr. To 300 Mtr. Deep						
4.11	150 MMØ MSERW Plane/Slotted Pipe	Rmt	569.552	100	56,955.15		
4.12	200 MMØ MSERW Plane/Slotted Pipe	Rmt	678.689	0			
4.13	300 MMØ MSERW Plane/Slotted Pipe	Rmt	896.962				
4.14	Lowering from 301 Mtr. To 400 Mtr. Deep & above						
4.15	150 MMØ MSERW Plane/Slotted Pipe	Rmt	425.933	30	12,777.99		
4.16	200 MMØ MSERW Plane/Slotted Pipe	Rmt	498.301	0			
4.17	300 MMØ MSERW Plane/Slotted Pipe	Rmt	643.038				
	Total Amount				22,50,543.17		15,10,538.01
	Say				22,50,543.00		15,10,538.00

Net Savings Amount Rs. 7,40,005.00
Net Savings In Percentage 32.88%



(Company Rep.)
M/S VSA PPL-SMC IV, Ghazipur Medhaj Techno Concept Pvt. Ltd., Ghazipur

(TPIA Rep.)
Division Office (E/M), Division

(Computer)
Division Office (E/M), U.P. Jal Nigam (Rural), Varanasi

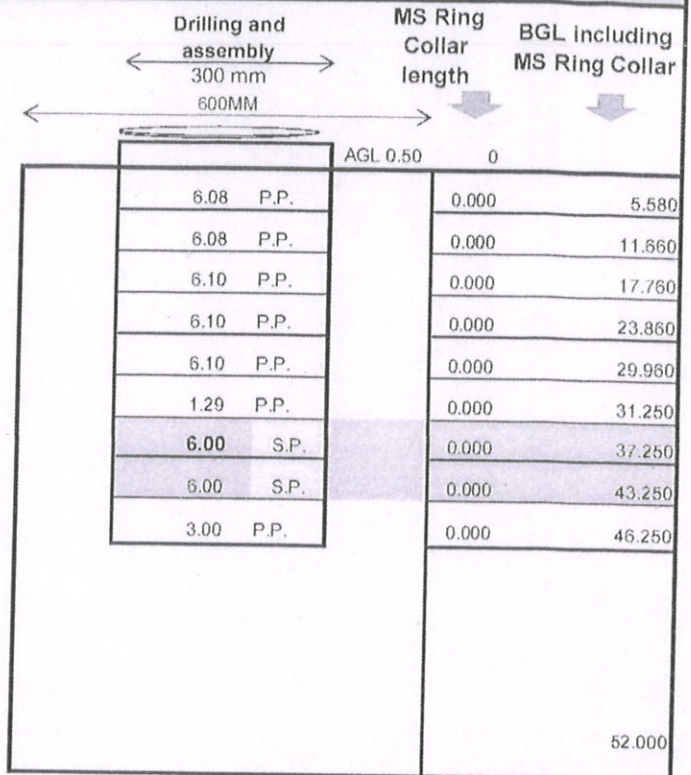
(Jur Junior Engineering
Ass. Engineer
Div. Accountant
Ex. Engineer

(Sup. Engineer
Circle office (E/M), UPJN, Vns

M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of BHARSAR REORGANISATION WATER SUPPLY SCHEME, BLOCK-BIRNO, ZONE 4, GRAM PANCAHYAT- MADHOPUR MISHRAULI TW-2 Under Jal Jeevan Mission, District- Ghazipur(U.P.)

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	clay
2	6	18	Kankad Clay
3	18	26	Kankad
4	26	30	clay
5	30	46	very fine sand with Kankad
6	46	74	Kankad Clay
7	74	94	fine sand with Kankad
8	94	124	Kankad Clay
9	124	158	Kankad with very fine sand
10	158	212	Kankad Clay
11	212	258	Very Fine Sand with kankad
12	258	312	Kankad Clay
13	312	330	Kankad with fine sand
14	330	355	Kankad Clay



Logging Report

5.10.2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	19	25	6	Good
2	31	44	13	Good

Note -

- Quality of ground water is deteriorating marginal to saline below 75.0 mbgl to till depth logged.
- Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	280.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl	52.000	Mbgl
3	Clear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	360	Mbgl	355.000	Mbgl
5	Plane pipe 300MM	0	m	34.750	m
6	Plane pipe 200MM	60	m	0.000	m
7	Plane pipe 150MM	258	m	0.000	m
8	Slotted pipe 300MM	0	m	12.000	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	12	m	0.000	m
11	Date of lowering			11-10-2023	



Company Repre.
M/S VSAIPPL-SMC

Zaf
.....
TPIA
Medhaj Techno Concept Pvt.

A
(A.Srivastava)
Junior Engineer

Nitish Kumar
(Nitish Kumar)
Assistant Engineer

Adarsh Verma
(Adarsh Verma)
Exe. Engineer

Division Office(E/M) , U.P.Jal Nigam(Rural), Varanasi

ZONE-4

ESTIMATE FOR

MADHOPUR MISHROULI AND DANDI KHURD GROUP OF GRAM PANCHAYAT WATER SUPPLY SCHEME

UNDER - JJM

BLOCK - YARNDA, DISTRICT - GHAZIPUR

Estimate of Cost of Tubewell construction

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	Drilling of Borehole for Tube well construction by DC/RC/BTH Rig Machine including transportation, erection, dismantling of Rig and associated T&P complete in all respect including required all material labour etc.									As per RFP
1.1	Transportation, Installation Dismantling of Rig machine and logging of bore hole					2	1,56,178	Job	3,12,756	
1.2	DC/RC Drilling up to 100 Mtr.									
1.2.1	500 MMØ					130	2,721	Rmt	3,53,730	
1.2.2	450 MMØ					70	2,458	Rmt	1,72,087	
1.3	DC/RC Drilling from 101 MT. To 200 Mtr. Deep									
1.3.1	450 MMØ					200	2,779	Rmt	5,55,704	
1.3.2	Development & filling of subsoil						2,900	Hrs	-	
1.4	DC/RC Drilling from 201 Mtr. To 300 Mtr. Deep									
1.4.1	450 MMØ					200	3,163	Rmt	6,32,684	
1.5	DC/RC Drilling from 301 Mtr. To 400 Mtr. Deep & above									
1.5.1	450 MMØ					120	3,708	Rmt	4,44,995	
1.4	Tube Well Assembly									
1.4.1	MSERW plain pipe, As per IS 4170									
1.4.1	200 MMØ					120	2,550	Rmt	3,06,800	
1.4.2	150 MMØ					516	1,900	Rmt	9,80,400	
1.5	MSERW Pipe, slotted pipe, as per IS 4110									
1.5.1	200 MMØ					0	3,834	Rmt	-	
1.5.2	150 MMØ					24	2,800	Rmt	67,200	
1.5.2	MS fittings such as clamp, ball plug, reducer, well cap, ginder & support structure					2	32,295	LS	64,590	
1.5.3	MS fittings such as ring & centre guide					660	472	Rmt	3,11,309	
2.0	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.									As per RFP
2.1	Lowering up to 100 Mtr. Deep									
2.1.1	200 MMØ MSERW Plain/Slotted Pipe					120	390	Rmt	46,800	
2.1.2	150 MMØ MSERW Plain/Slotted Pipe					80	386	Rmt	30,880	
2.2	Lowering from 101 Mtr. To 200 Mtr. Deep									
2.2.1	150 MMØ MSERW Plain/Slotted Pipe					200	443	Rmt	88,600	
2.3	Lowering from 201 Mtr. To 300 Mtr. Deep									
2.3.1	150 MMØ MSERW Plain/Slotted Pipe					200	570	Rmt	1,14,070	
2.4	Lowering from 301 Mtr. To 400 Mtr. Deep & above									
2.4.1	150 MMØ MSERW Plain/Slotted Pipe					60	427	Rmt	25,592	
2.5	Supplying and unconsolidated packing of gravel with suitable size					159.00	7,500	Cum	11,92,500	As per RFP
3.0	Development of Tube well									As per RFP
3.1	Transportation, Installation Dismantling of 250/400/600 PSI Compressor					2	92,152	Job	1,84,304	
3.2	Charges for Development by 600 PSI Compressor per hour					120	4,214	Hrs	5,05,662	
3.3	Transportation, Installation Dismantling of 1/3 Cusec OP Unit and Yield test, water test					2	1,05,237	Job	2,10,474	
3.4	Charges for Development of TW by 1 cusec OP Unit					200	994	Hr	1,98,886	
	Total								67,99,223	
								Say (In Lacs)	67.99	

M/S VSAIPPL-SMC JV, Ghazipur (U.P.)

Regd. Office-#10, APIIC Building, Type-III, I.E, Prashanth Nagar Kukatpally, Hyderabad-500072

Under Jal Jivan Mission, District- Ghazipur(U.P.)

Test Report of Bharsar GP Tubewell under Madhopur Mishrauli WSS Zone-4, TW-2, Block-Birno Development By 250 PSI Air Compressor

Size of tube well (mm): 300 X 300 RPM 1200

Static water level (m): 9.20 Discharge by-90 °V notch (Rectangular)

Depth of TW (m): 46.250 Required Discharge- 280 LPM Date of testing 14-02-2024

S. N.	Pressure in kg/cm ²		Depression In mtr.	Discharge by 'V' Notch		Sand content in P.P.M.				
	Starting Pressure	Running Pressure		Inch	LPM	At start	After 5 min	After 10 min	After 15 min	After 20 min
1	2.10	1.50	6.00	5	476	4800	2700	2500	2300	2200

Remark- Recommended for further development by O.P. Unit

(.....)
Company Repre.
M/S VSAIPPL-SMC
JV, Ghazipur (U.P.)

(.....)
TPIA
Medhaj Techno Concept Pvt.
Ltd., Ghazipur

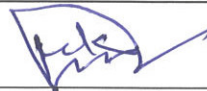



(Abhishek Srivastava)
Junior Engineer

(Nitish Kumar)
Assistant Engineer

(Adarsh Verma)
Executive Engineer

Division Office (E&M), U.P. Jal Nigam(Rural), Varanasi

Latitude - 25.701952 Longitude - 83.546667

M/S VSAIPPL-SMC JV, Ghazipur (U.P)					
Job Code:	VIRNO		Compressor unit	As per DPR:	600PSI
Block:	MARDAH		Capacity	As per Site:	250 PSI
Scheme	Bharsar Reorganisation WSS		Compressor unit	As per DPR:	60.00
GP	Madhopur Mishrauli Z-4, TW-2		Hours	As per Site:	58.98 Hrs
Lowering Depth(mtr):	46.25				
Lowering Date :	11-10-2023		Cumm Gravel(cumt)	As per DPR:	79.50
Discharge	280 LPM				
			Cumm Gravel(cumt)	As per Site:	59.89
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	4-Feb-24	08:39:00	09:45:00	1:06	
2		10:10:00	11:30:00	1:20	
3		12:00:00	13:30:00	1:30	
4		14:10:00	15:10:00	1:00	
5	5-Feb-24	07:29:00	08:55:00	1:26	
6		10:22:00	11:30:00	1:08	
7		12:14:00	13:30:00	1:16	
8		14:21:00	15:10:00	0:49	
9	6-Feb-24	16:20:00	17:13:00	0:53	
10		07:39:00	08:45:00	1:06	
11		10:20:00	11:30:00	1:10	
12		12:10:00	13:30:00	1:20	
13	7-Feb-24	14:20:00	15:10:00	0:50	
14		16:20:00	17:13:00	0:53	
15		07:19:00	08:45:00	1:26	
16		10:10:00	11:30:00	1:20	
17	8-Feb-24	12:00:00	13:20:00	1:20	
18		14:01:00	15:10:00	1:09	
19		16:10:00	17:20:00	1:10	
20		07:29:00	08:50:00	1:21	
21	9-Feb-24	10:00:00	11:30:00	1:30	
22		12:00:00	13:30:00	1:30	
23		14:00:00	15:16:00	1:16	
24		16:00:00	17:20:00	1:20	
25	10-Feb-24	08:29:00	09:54:00	1:25	
26		10:00:00	11:30:00	1:30	
27		13:00:00	14:25:00	1:25	
28		16:20:00	17:30:00	1:10	
29	11-Feb-24	18:00:00	19:30:00	1:30	
30		09:00:00	10:10:00	1:10	
31		11:00:00	12:26:00	1:26	
32		14:00:00	15:29:00	1:29	
33	12-Feb-24	16:00:00	17:10:00	1:10	
34		18:29:00	19:34:00	1:05	
35		10:00:00	11:10:00	1:10	
36		12:00:00	12:50:00	0:50	
37	13-Feb-24	13:30:00	14:40:00	1:10	
38		15:00:00	16:16:00	1:16	
39		17:00:00	18:00:00	1:00	
40		08:00:00	09:14:00	1:14	
41	14-Feb-24	10:10:00	11:40:00	1:30	
42		13:30:00	14:10:00	0:40	
43		15:20:00	16:26:00	1:06	
44		17:30:00	18:29:00	0:59	
45	14-Feb-24	09:20:00	10:30:00	1:10	
46		11:05:00	12:01:00	0:56	
47		14:10:00	15:30:00	1:20	
48		16:06:00	17:10:00	1:04	
49		18:19:00	19:24:00	1:05	
				Total	58:59
				Total (Hrs)	58.98 Hrs
					
Site Incharge		TPIA	Junior Engineer	Assistant Engineer	
M/S VSAIPPL-SMC JV, Ghazipur (U.P)		M/s Medhaj Techno Concept Pvt. Ltd., Ghazipur	Construction Division Office(E/M), U.P. Jal Nigam(Rural), Varanasi		

M/S VSAIPPL-SMC JV, Ghazipur (U.P.)

Regd. Office-#10,APIIC Building, Type-III, I.E, Prashanth Nagar Kukatpally, Hyderabad-500072

Under Jal Jivan Mission, District- Ghazipur(U.P.)

Yield Test Report Of T.W at Madhopur Mishruli GP (Zone-4, TW-2) Tubewell under Bharsar

Reorganisation WSS, Block-Birno by 1 Cusec O.P. Unit


Size of Ventury 4" X 3" Column Pipe Lowered(m): 30.00

Static water level(m): 9.10 Required Discharge(LPM)- 280 LPM Date: 21-02-2024

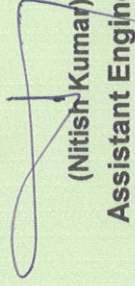
S.N.	Discharge		Running Water Level (m)	Depression (m)	Sand content in P.P.M.				
	Inch	LPM			At start	After 5 min	After 10 min	After 15 min	After 20 min
1	17.00	651	15.80	6.70	650	300	200	150	100
2	8.00	462	14.80	5.70	400	200	150	100	50
3	5.00	379	12.70	3.60	100	50	Tr	Tr	Cl

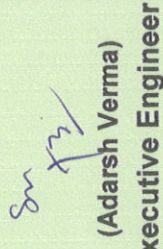
Remark- Recommended discharge 280 LPM L.P.M. at 3.6 m depression after running 20 minute bypass.


(.....)
Company Repre.
M/S VSAIPPL-SMC
JV, Ghazipur (U.P.)


TPIA
Medhaj Techno Concept Pvt.
Ltd., Ghazipur



(Abhishek Srivastava)
Junior Engineer
Division Office (E&M), U.P. Jal Nigam(Rural), Varanasi


(Nitish Kumar)
Assistant Engineer
Executive Engineer


(Adarsh Verma)
Executive Engineer




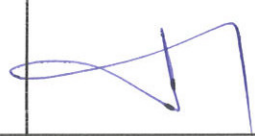
M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Block:	Virno	Op unit Capacity	As per DPR:	1 cusec	
			As per Site:	1 cusec	
Scheme	BHARSAR REORGANISATION WSS	Op unit Hours	As per DPR:	100	
GP	MADAVPUR MISHRAULI Z-4, T.W-2		As per Site:	99.75	
REQUIRED DISCHARGE	280	Compressor Testing Date :			
				12-02-2024	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	06-02-2024	08:23:00	09:54:00	1:31	
2		10:24:00	11:56:00	1:32	
3		15:46:00	17:16:00	1:30	
4		18:03:00	19:21:00	1:18	
5		19:40:00	20:25:00	0:45	
6	07-02-2024	08:43:00	09:40:00	0:57	
7		12:51:00	13:20:00	0:29	
8		15:56:00	17:17:00	1:21	
9	08-02-2024	08:55:00	09:50:00	0:55	
10		10:33:00	11:54:00	1:21	
11		12:50:00	13:20:00	0:30	
12		15:56:00	17:19:00	1:23	
13		18:06:00	19:10:00	1:04	
14	09-02-2024	08:15:00	09:40:00	1:25	
15		10:45:00	11:50:00	1:05	
16		15:57:00	17:18:00	1:21	
17		18:02:00	19:11:00	1:09	
18		19:40:00	20:34:00	0:54	
19	10-02-2024	08:55:00	10:16:00	1:21	
20		10:44:00	11:55:00	1:11	
21		12:41:00	13:51:00	1:10	
22		15:56:00	17:23:00	1:27	
23		19:38:00	21:10:00	1:32	
24	11-02-2024	08:45:00	10:10:00	1:25	
25		10:44:00	11:50:00	1:06	
26		12:52:00	14:20:00	1:28	
27		15:46:00	17:16:00	1:30	
28		19:50:00	21:10:00	1:20	
29	12-02-2024	08:35:00	10:05:00	1:30	
30		10:44:00	11:55:00	1:11	
31		15:46:00	17:16:00	1:30	
32		18:12:00	19:20:00	1:08	
33		19:40:00	21:00:00	1:20	
34	13-02-2024	08:45:00	10:10:00	1:25	
35		10:44:00	11:50:00	1:06	
36		12:50:00	14:10:00	1:20	
37		15:56:00	17:16:00	1:20	
38		19:40:00	21:00:00	1:20	
39	14-02-2024	08:55:00	10:16:00	1:21	
40		10:44:00	11:55:00	1:11	
41		12:40:00	14:00:00	1:20	
42		15:56:00	17:26:00	1:30	
43		18:12:00	19:20:00	1:08	
44		19:40:00	21:00:00	1:20	

latitude - 25.701952 Longitude - 83.546667

M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Block:	Virno	Op unit Capacity	As per DPR:	1 cusec	
			As per Site:	1 cusec	
Scheme	BHARSAR REORGANISATION WSS	Op unit Hours	As per DPR:	100	
GP	MADAVPUR MISHRAULI Z-4, T.W-2		As per Site:	99.75	
REQUIRED DISCHARGE	280	Compressor Testing Date :			
				12-02-2024	
SI No	Date	Start Time	End Time	Total Hours	Remarks
45	15-02-2024	08:45:00	10:00:00	1:15	
46		10:44:00	11:50:00	1:06	
47		12:50:00	14:10:00	1:20	
48		15:56:00	17:08:00	1:12	
49		19:40:00	21:00:00	1:20	
50	16-02-2024	08:45:00	10:00:00	1:15	
51		10:44:00	11:50:00	1:06	
52		12:40:00	14:00:00	1:20	
53		15:56:00	17:16:00	1:20	
54		19:40:00	21:00:00	1:20	
55	17-02-2024	08:45:00	10:10:00	1:25	
56		10:44:00	11:50:00	1:06	
57		12:50:00	14:10:00	1:20	
58		15:56:00	17:18:00	1:22	
59		18:02:00	19:10:00	1:08	
60	18-02-2024	08:45:00	10:10:00	1:25	
61		10:44:00	11:50:00	1:06	
62		12:50:00	14:10:00	1:20	
63		15:56:00	17:18:00	1:22	
64		18:02:00	19:10:00	1:08	
65	19-02-2024	19:40:00	21:09:00	1:29	
66		10:44:00	11:50:00	1:06	
67		12:50:00	14:10:00	1:20	
68		15:56:00	17:18:00	1:22	
69		18:02:00	19:10:00	1:08	
70	20-02-2024	19:40:00	21:09:00	1:29	
71		08:45:00	10:10:00	1:25	
72		15:56:00	17:18:00	1:22	
73		18:02:00	19:10:00	1:08	
74		19:40:00	21:09:00	1:29	
75	21-02-2024	08:45:00	10:10:00	1:25	
76		10:44:00	11:50:00	1:06	
77		12:48:00	14:01:00	1:13	
78		15:56:00	17:18:00	1:22	
79		19:40:00	20:45:00	1:05	
			Total	99:45	
			Total (Hrs)	99.75	
					
Site Incharge		TPIA	Junior Engineer	Assistant Engineer	Exe. Engineer
M/S VSAIPPL-SMC JV, Ghazipur (U.P)		M/s Medhaj Techno Concept Pvt. Ltd., Ghazipur	Construction Division Office(E/M) ,U.P.Jal Nigam(Rural),Varanasi		