

**M/S VSAIPPL-SMC JV, Ghazipur (U.P)**  
**Actual Strata Chart of RANEEPUR REORGANISATION WSS, BLOCK - MARDAH, ZONE 2, GRAM PANCHAYAT - FATEHPUR**  
**Under Jal Jivan Mission, District- Ghazipur(U.P.)**

PHYSICAL STRATA			
S.No	BGL in meter		Formation
	From	to	
1	0	6	Clay
2	6	12	Clay Kankad
3	12	20	Kankad
4	20	34	Clay Kankad
5	34	66	Very Fine Sand
6	66	90	Kankad with very fine sand
7	90	190	Kankad Clay

Drilling and assembly		MS Ring Collar length	BGL including MS Ring Collar
300 MM			
600MM			
	AGL 0.50	0	
6.010	P.P.	0.000	5.510
6.010	P.P.	0.000	11.520
6.010	P.P.	0.000	17.530
6.110	P.P.	0.000	23.640
6.130	P.P.	0.000	29.770
6.010	P.P.	0.000	35.780
4.200	P.P.	0.000	39.980
6.020	S.P.	0.000	46.000
6.000	P.P.	0.000	52.000
2.500	P.P.	0.000	54.500
5.000	S.P.	0.000	59.500
6.000	P.P.	0.000	65.500
			71.000

**Logging**

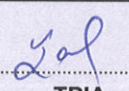


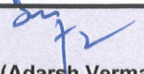
Date-01/06/2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	26	30	4	Good
2	34	47	13	Good
3	54	60	6	Good

**Note-**

- All Zones intermixed with thin bands of Kankar.
- The formation water is deteriorating from marginal to saline below 83 Mbgl to till depth logged.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	400.000	LPM		
2	Cear Depth of bore 600mm	0	Mbgl	71.000	Mbgl
3	Cear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	190.000	Mbgl
5	Plane pipe 300MM	0	m	54.980	m
6	Plane pipe 200MM	60	m	0.000	m
7	Plane pipe 150MM	102	m	0.000	m
8	Slotted pipe 300MM	0	m	11.020	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	18	m	0.000	m
11	Date of lowering			5/6/2023	

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

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/GCT-45  
Date : 02/06/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Fatehpur  
Location : 25.698535, 83.875913  
Block : Mardah  
District : Ghazipur  
State : Uttar Pradesh  
Drilling Depth : 200 Mbgl (Reported by Driller)  
Logging Depth : 190 Mbgl  
Rm/Rw : 12/12  
Date of Logging : 01-Jun-2023  
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
Logger Make : GHT  
Tubewell Drilled By : M/S VSAIPPL SMC (JV), Ghazipur, Uttar Pradesh  
Representative : M/S Swajal Construction

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.

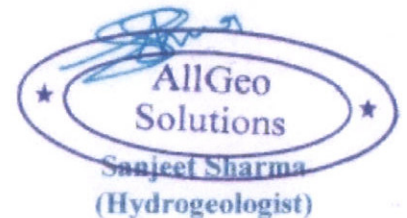
Sl No.	Depth Range (mbgl)	Thickness (m eters)	Quality Remarks (in term of Salinity)
1	26-30	4	Good
2	34-47	13	Good
3	54-60	6	Good

Note: 1. All Zone are intermixed with thin band of kankar .

2- The formation water is deteriorating from marginal to saline from 83 Mbgl to till depth logged.

*Verified as per logs provided.*

*G.S.H.  
02/06/23*





अधीक्षण अभियन्ता,  
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक - मरदह, जोन 2, ग्राम पंचायत - फतेहपुर. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 200/180 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 400 ली०प्र०मि० श्राव लिया जाना प्रस्तावित है।

अनुबन्ध सं०- 478/ED/PHASE 2/2022-23/X दिनांक 27.02.2023 के माध्यम से M/s VSAIPPL-SMC IV, District-Ghazipur द्वारा नलकूप निर्माण कार्य सम्पादित कराया जा रहा है। दिनांक 01.06.2023 को नलकूप के बोर की इलेक्ट्रिक लॉगिंग करायी गयी, जिसका विवरण निम्नानुसार है :-

Date-01/06/2023				S.No.	BGL in meter		Formation	
S.N.	Depth Range		Thickness		Remark	From		to
	From	to						
					1	0	6	Clay
1	26	30	4	Good	2	6	12	Clay Kankad
2	34	47	13	Good	3	12	20	Kankad
3	54	60	6	Good	4	20	34	Clay Kankad
Note- 1. All Zones intermixed with thin bands of Kankar. 2. The formation water is deteriorating from marginal to saline below 83 Mbgl to till depth logged.					5	34	66	Very Fine Sand
					6	66	90	Kankad with very fine sand
					7	90	190	Kankad Clay

अनुबन्ध में उपरोक्त नलकूप से 400 ली०प्र०मि० श्राव प्राप्त करने हेतु Entrance Velocity 0.015m/sec पर 18 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लॉगिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 11 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 का है एवं लॉगिंग रिपोर्ट के अनुसार केवल 11 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 400 ली०प्र०मि० श्राव प्राप्त किया जाना सम्भव नहीं है। ऐसी स्थिति में 150 मि०मी० स्लाटेड पाइप के स्थान पर 300 मि०मी० व्यास साइज की स्लाटेड पाइप का उपयोग किया जाय तो 11 मीटर की लम्बाई में Entrance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 11 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 22.00 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 (एसडब्ल्यूएस०एम०) द्वारा सक्षम स्तर से स्वीकृति उपरान्त नियमानुसार किया जायेगा।

अतः प्राप्त एक्यूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 65.50 मीटर गहरे नलकूप जिसमें 11 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लॉगिंग रिपोर्ट की छायाप्रति



संगणक

जूनि० इंजी०

सहायक अभियन्ता

अधिशाली अभियन्ता

अधीक्षण अभियन्ता

VARIATION STATEMENT AGAINST C.A. NO-478/ED/PHASE-2/2022-23/X, Date- 27-02-2023

For Construction of 190/65.50 mts. deep 300 X 300 mm. dia assembly size T.W. inspite of 200/180 mts. deep 200 X 150 mm. dia assembly size T.W. by D.C. Rig Machine at Block - Mardah, Zone 2, Gram Panchayat - Fatehpur Water Supply Scheme in District - Ghazipur

Sl No	Item of work	Unit	Rate	Cost As Per Cover Aggrement (200/180 mts. deep 200 X 150 mm. dia assembly size)		Expenditure as per Actual Work Executed at Site due to adverse Geophysical Condition (190/65.5 mts. deep 300 X 300 mm. dia assembly size)	
				Qty	Amount (Rs)	Qty	Amount (Rs)
1	2	3	4	5	6	7	8
1	Transportation, Installation Dismantling of Rig machine and logging of bore hole.	Job	156,159.07	1	156,159.07	1	156,159.07
	<b>Tubewell construction:</b>						
	Drilling of Borehole for Tubewell construction by DC/RC/DTH Rig Machine including transportaion, erection, dismantling of Rig and associated T&P complete in all respect including required all material labour etc.				-		-
2	DC/RC Drilling up to 100 Mtr.				-		-
3	600 MMØ	Rmt	3,241.68		-	71	230,158.95
4	500 MMØ	Rmt	2,717.19	65	176,617.39		-
5	450 MMØ	Rmt	2,454.95	35	85,923.19	29	71,193.50
6	DC/RC Drilling from 100Mtr. To 200 Mtr.				-		-
	600 MMØ	Rmt	3,551.98		-		-
	500 MMØ	Rmt	3,033.75		-		-
7	450 MMØ	Rmt	2,774.63	100	277,463.01	90	249,716.71
8	DC/RC Drilling from 200 Mtr. To 300 Mtr.				-		-
	500 MMØ	Rmt	3,363.28		-		-
9	450 MMØ	Rmt	3,158.99		-		-
10	DC/RC Drilling from 300 Mtr. To 400 Mtr.				-		-
11	450 MMØ	Rmt	3,703.10		-		-
12	Tubwell Assembly:				-		-
13	MSERW plain pipe As per IS 4270				-		-
14	300 MMØ	Rmt	3,794.68		-	54.98	208,631.51
15	200 MMØ	Rmt	2,546.43	60	152,785.80		-
16	150 MMØ	Rmt	1,897.34	102	193,528.68		-
17	MSERW slotted pipe as per IS 8110				-		-
18	150 MMØ	Rmt	2,796.08	18	50,329.44		-
19	200 MMØ	Rmt	3,828.43		-		-
20	300 MMØ	Rmt	5,181.33		-	11.02	57,098.21
21	MS Borewell cap fixture including fitting charges				-		-
22	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure.	Job	32,249.79	1	32,249.79	1	32,249.79
23	MS fittings such as ring & centre guide	Rmt	471.02	180	84,783.54	66.00	31,087.30
24	Lowering of Tube well Assembly: Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.				-		-
25	Lowering of MSERW Plain/Slotted Pipe up to 100 Mtr. Deep				-		-
26	300 MMØ MSERW Plane/Slotted Pipe	Rmt	489.31		-	65.50	32,050.07
27	200 MMØ MSERW Plane/Slotted Pipe	Rmt	389.45	60	23,367.24		-
28	150 MMØ MSERW Plane/Slotted Pipe	Rmt	385.46	40	15,418.38		-
29	Lowering of MSERW Plane/Slotted Pipe from 100 Mtr. To 200 Mtr. Deep				-		-
30	150 MMØ MSERW Plane/Slotted Pipe	Rmt	442.38	80	35,390.38		-
31	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.97		-		-
32	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17		-		-
	<b>Total Amount</b>				<b>1,284,015.91</b>		<b>1,068,345.09</b>
	<b>Say</b>				<b>1,284,016.00</b>		<b>1,068,345.00</b>

Net Savings Amount Rs. 215,671.00

Net Savings In Percentage 16.80%

  
(Company Rep.)

M/S VSAIPPL-SMC JV, Ghazipur

(TPIA Rep.)

Medhaj Techno Concept Pvt. Ltd., Ghazipur

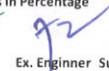
  
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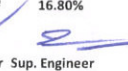
  
(Junior En

  
Ass. Engineer

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

  
Div. Accountant

  
Ex. Engineer

  
Sup. Engineer

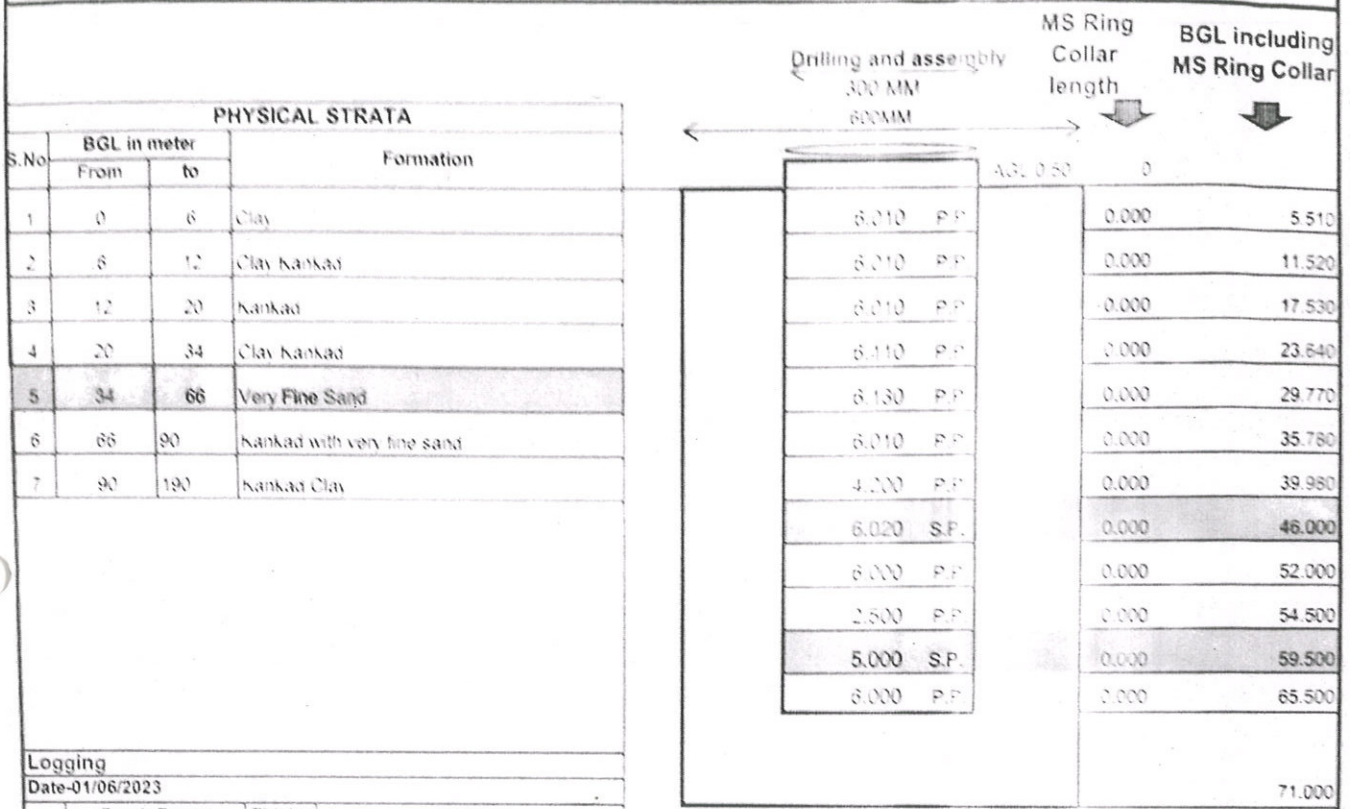
Circle office  
(E/M), UPJN, Vns



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

Actual Strata Chart of RANEEPUR REORGANISATION WSS, BLOCK - MARDAH, ZONE 2, GRAM PANCHAYAT - FATEHPUR

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



### Logging


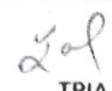

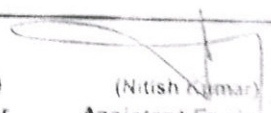
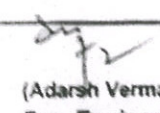
Date-01/06/2023

S.N.	Depth Range	Thickn	Remark
	From to	ess	
1	26 to 30	4	Good
2	34 to 47	13	Good
3	54 to 60	6	Good

### Note-

- All Zones intermixed with thin bands of kankar.
- The formation water is deteriorating from marginal to saline below 83 Mbgl to till depth logged

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	400.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl	71.000	Mbgl
3	Clear Depth of bore 500mm	85	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	190.000	Mbgl
5	Plane pipe 300MM	0	m	54.980	m
6	Plane pipe 200MM	80	m	0.000	m
7	Plane pipe 150MM	102	m	0.000	m
8	Slotted pipe 300MM	0	m	11.020	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	18	m	0.000	m
11	Date of lowering			5.6.2023	

 <b>Company Repre.</b> M/S VSAIPPL-SMC JV, Ghazipur (U.P)	 <b>TPIA</b> Medhaj Techno Concept Pvt. Ltd., Ghazipur	 (A.Srivastava) Junior Engineer Division Office (E/M), U.P. Jal Nigam (Rural), Varanasi	 (Nitish Kumar) Assistant Engineer	 (Adarsh Verma) Exe. Engineer
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## STATE WATER AND SANITATION MISSION, UTTAR PRADESH

10) Zonal Data:

Raneepur Water supply scheme consists of 2 Gram Panchayats naming Raneepur, Fatehpur. The proposed scheme supplies water to 4 revenue villages. Due to Population, Topography, National/state Highways, Railway Line and Existing water supply system of the Water supply Scheme and also considering the minimum traverse length between feeding node to farthest node, the Raneepur Water Supply Scheme area is divided into 2 Zones as listed below:

Zoning	Gram Panchayat	Revenue village	Habitations	Census 2011		
				Code	Population	HH
Zone-1	Ranipur	Narangpur	Bhar Pura	204927	574	91
			Lat Par			
			Narangpur			
			Ramkishun			
		Ranipur	Ankaitaha	204926	4,667	706
			Chamrauti			
			Dhannu Ka Pura			
			Jaipal Ka			
			Kishan Ka			
			Musahar Basti Purvi			
			Mushar Basti Pachchimi			
			Rangadh			
			Ranipur			
			Sokha Ka Pura			
Zone-2	Fatehpur	Fatehpur	Ahiraoti	204904	1,241	161
			Fatehpur			
			Gadhhiya Par			
			Harijan Basti			
		Hasanpura	Hasanpura	204903	262	34

11) HIRING OF TEMPORARY GODOWN

A adequate provision for hiring of temporary godown for storing thr required construction materials such as pipes ,cement , steel and other local materials during execution has been made in this estimate. The scheme is proposed to be executed within 2 years.

12) SCHEDULE OF RATES

The rate of centrally purchased materials such as pipes and fitting etc. have been taken on the basis of rates circulated by Chief Engineer U.P. Jai Nigam Lucknow for the Revenue cluster Varanasi Zone(Annexure-1) .The rates of labours and locally available materials which are not mentioned in the SOR-Varanasi, have been adopted as per quoted rates on pro rata basis.

13) OPERATION & MAINTENANCE

The Project after completion/commissioning shall be managed by the contractor under operation & maintenance pay grade.



BOQ - E&M  
ZONE 2



RANEERUP REORGANISATION WATER SUPPLY SCHEME

"UNDER JAL JEEVAN MISSION"

TEHSIL - GHAZIPUR, BLOCK - MARDAH

DISTRICT - GHAZIPUR

Bill of Quantity - TUBEWELL CONSTRUCTION

S.No.	SOR NO	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount
1	As per RFP.	Drilling of Borehole for Tube well 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.								
1.1	2.01	Transportation, Installation Dismantling of Rig machine and logging of bore hole					1	156159.07	Job	156,159.07
1.2		DC/RC Drilling up to 100Mtr.								
1.2.1	2.06	500 MMØ	1	65			65	2717.19	Rmt	176,617.39
1.2.2	2.05	450 MMØ	1	35			35	2454.95	Rmt	85,923.19
1.3		DC/RC Drilling from 101 MT. To 200 Mtr.Deep								
1.3.1	2.09	450 MMØ	1	100			100	2774.63	Rmt	277,463.01
1.4		DC/RC Drilling from 201 MT. To 300 Mtr.Deep								
1.4.1	2.13	450 MMØ	1	0			0	3158.99	Rmt	-
1.5		DC/RC Drilling from 301 MT. To 400 Mtr.Deep								
1.5.1	2.17	450 MMØ	1	0			0	3703.10	Rmt	-
1.6	2.2	DTH Drilling upto 200.0 Mtr.Deep - 165/200 MMØ (in over burden/Hard Rock).	1	0			0	0.00	Rmt	-
1.7	2.22	Development / Flushing of tubewell	0				0	2895.94	Hrs	-
1.8	3.01	Tube Well Assembly								
1.8.1	3.04	MSERW plane pipe						0.00		
1.8.2	3.03	200 MMØ	1	60			60	2546.43	Rmt	152,785.80
1.9		150 MMØ	1	102			102	1897.34	Rmt	193,528.68
1.9.1	3.08	MSERW Pipe slotted pipe as per IS 8110	1	18.00			18	2796.08	Rmt	50,329.44



State Water and Sanitation Mission (SWSM)

1.9.2	3.11	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure				1	32249.79	Job	32,249.79
1.9.3	3.12	MS fittings such as ring & centre guide	1	180		180	471.02	Rmt	84,783.54
2.0	As per RFP.	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.							
2.1	4	Lowering up to 100 Mtr. Deep							
2.1.1	4.04	200 MMØ MSERW Plane/Slotted Pipe				60	389.45	Rmt	23,367.24
2.1.2	4.03	150 MMØ MSERW Plane/Slotted Pipe				40	385.46	Rmt	15,418.38
2.2	4.06	Lowering from 100 Mtr. To 200 Mtr. Deep							
2.2.1	4.07	150 MMØ MSERW Plane/Slotted Pipe				80	442.38	Rmt	35,390.38
2.3	4.1	Lowering from 200 Mtr. To 300 Mtr. Deep							
2.3.1	4.11	150 MMØ MSERW Plane/Slotted Pipe				0	569.55	Rmt	-
2.4	4.14	Lowering from 300 Mtr. To 400 Mtr. Deep							
2.4.1	4.15	150 MMØ MSERW Plane/Slotted Pipe				0	425.93	Rmt	-
2.5	5	Supplying and unconsolidated packing of gravel with suitable size				45.3	7489.50	Cum	339,589.04
3.0	6	Development of Tube well							
3.1	6.03	Transportation, Installation Dismantling of 400 PSI Compressor				1	92022.99	Job	92,022.99
3.2	6.05	Charges for Development by 400 PSI Compressor per hour				40	3267.27	Hrs	130,690.78
3.3	6.09	Transportation, Installation Dismantling of 1 Cusec OP Unit and Yield test, water test				1	105089.67	Job	105,089.67
3.4	6.10	Charges for Development of TW by 1 Cusec OP Unit				70	993.04	Hr.	69,512.65
<b>Total cost for each tubewell</b>									<b>2,020,921.0</b>
<b>Total cost for 1 tubewells</b>									<b>2,020,921.0</b>
4	47	Earth filling of abandoned tubewell in Waterworks campus	0	34.23	0.00	106.85	Cum	-	-
<b>Total Cost of Tubewell</b>									<b>2,020,921.03</b>
<b>Total Cost (in Lacs)</b>									<b>20.21</b>



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

Regd. Office-#10, APIIC Building, Type-III, I.E, Prashanth Nagar Kukatpally, Hyderabad-500072  
Under Jal Jeevan Mission, District- Ghazipur(U.P.)


Test Report of GP-Fatehpur ,Zone 2 ,Block - Mardah, Scheme-Raneepur Reorganisation WSS,Developed by 250 PSI Compressor

Size of tube well (mm):		300	X	300	RPM		1400	
Static water level (m):		10.00			Discharge by-90 °V' notch (Rectangular)			
Depth of T/W (m):		65.500			Date: of testing			14-06-2023
S. N.	Pressure in kg/cm2		Depression		Discharge by 'V' Notch		Sand content in P.P.M.	
	Starting Pressure	Running Pressure	In	In mtr.	Inch	LPM		
1	4.60	3.80	0.80	8.00	6 1/2	917	At start After 5 min After 10 min After 15 min After 20 min	
2	4.30	3.70	0.60	6.00	6 1/4	831	3400 3000 2800 2600 2900	
3	2.80	2.30	0.50	5.00	5 3/4	675	3000 2600 2400 2200 2500 2000	

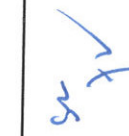
Remark- Recommended for further development by O.P. Unit

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

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



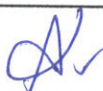


  
 (Abhishek Srivastava)  
 Junior Engineer

  
 (Nitish Kumar)  
 Assistant Engineer

  
 (Adarsh Verma)  
 Executive Engineer  
 Division Office (E&M), U.P. Jal Nigam(Rural), Varanasi



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

Job Code:		Compressor unit Capacity	As per DPR:	400 PSI	
Block:	Mardah	Compressor unit Capacity	As per Site:	250 PSI	
Scheme	Raneepur Reorganisation WSS ,Zone-2	Compressor unit Hours	As per DPR:	40	
GP	Fatehpur	Compressor unit Hours	As per Site:	50	
Lowering Depth(mtr):	65.500	Cumm Gravel(cumt)	As per DPR:	45.3	
		Cumm Gravel(cumt)	As per Site:	42.87	
<b>SI No</b>	<b>Date</b>	<b>Start Time</b>	<b>End Time</b>	<b>Total Hours</b>	<b>Remarks</b>
1	6-Jun-23	9:30 AM	3:39 PM	6:09	
2	7-Jun-23	7:29 AM	2:04 PM	6:35	
3	8-Jun-23	10:00 AM	4:10 PM	6:10	
4	9-Jun-23	7:00 AM	12:00 PM	5:00	
5	10-Jun-23	9:00 AM	3:20 PM	6:20	
6	11-Jun-23	9:00 AM	1:46 PM	4:46	
7	12-Jun-23	9:30 AM	12:39 PM	3:09	
8	13-Jun-23	7:29 AM	1:10 PM	5:41	
9	14-Jun-23	10:00 AM	4:10 PM	6:10	
			<b>Total</b>	<b>50:00</b>	
					
<b>Site Incharge</b>		<b>TPIA</b>	<b>Junior Engineer</b>	<b>Assistant Engineer</b>	<b>Exe. Engineer</b>
M/S VSAIPPL-SMC JV, Ghazipur (U.P)		M/s Medhaj Techno Concept Pvt. Ltd., Ghazipur	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.)

Yeild Test Report of GP - Fatehpur, Zone 2, Block - Mardah, Scheme- Raneepur Reorganisation WSS by 1

Cusec O.P. Unit

Size of Ventury		4" X 3"		Column Pipe Lowered: 30.00				
Static water level(m):		10.00		Date: 22/6/2023				
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
1	26.00	810	15.00	5.00	550	300	200	100
2	20.00	708	14.60	4.60	350	200	150	Tr
3	18.00	674	14.30	4.30	100	50	Tr	Cl
Remark-		Recommended discharge 400 L.P.M. at 4.3m depression after running 20 minute bypass.						



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

(.....)  
TPIA

Medhaj Techno Concept Pvt.  
Ltd., Ghazipur

(Signature)

(Abhishek Srivastava)  
Junior Engineer

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

(Signature)

(Nitish Kumar)  
Assistant Engineer

Executive Engineer

(Signature)

(Adarsh Verma)  
Executive Engineer



