

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

**Actual Strata Chart of MARDAHA REORGANISATION WSS, BLOCK - MARDAH, ZONE 4, GRAM PANCHAYAT - KANSAHARI (VIJWANPUR) TW 2**  
Under Jal Jeevan Mission, District- Ghazipur(U.P.)

PHYSICAL STRATA		Drilling and assembly 300 mm 600MM	MS Ring Collar length	BGL including MS Ring Collar
S.No.	BGL in meter From to	Formation	AGL 0.50	0
1	0	6	Clay	
2	6	12	Clay Kankad	
3	12	21	Kankad	
4	21	26	Kankad with Very Fine Sand	
5	26	30	Clay Kankad	
6	30	78	Very Fine Sand with Kankad	
7	78	92	Clay Kankad	
8	92	124	Very Fine Sand	
9	124	156	Kankad with Clay	
10	156	192	Clay Kankad	
11	192	200	Very Fine Sand	
<b>Logging Report</b>				
25/05/2023				
S.N.	Depth Range From to	Thickn ess	Remark	
1	21	25	4	Good
2	32	36	4	Good
3	40	44	4	Good
4	70	75	5	Good
Note-				
1.Fine bands of kankar are intermixed with almost all the zones.				
2.Zone SI. NO. 3 is highly intermixed with fine bands of kankar.				
3.Quality of ground water is deteriorating marginal to saline below 85.0 m bgl to till depth logged.				
4.Please ensure pre-monsoon water level before lower the well assembly.				
84.000				

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	550.000	LPM		
2	Cear Depth of bore 600mm		Mbgl	84.000	Mbgl
3	Cear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	200.000	Mbgl
5	Plane pipe 300MM		m	65.750	m
6	Plane pipe 200MM	60	m	0.000	m
7	Plane pipe 150MM	96	m	0.000	m
8	Slotted pipe 300MM	0	m	11.500	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	24	m	0.000	m
11	Date of lowering			1/6/2023	

(.....) <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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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 566

Dated: 27-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Vijwanpur**  
Block: **Mardah**  
District: **Ghazipur**  
State: **Uttar Pradesh**  
Date of Logging: **25-05-2023**  
Drilling depth: **210.0 m bgl**  
Logging Depth: **206.0 m bgl**  
Rm - **9.0  $\Omega$ m** Rw - **10.0  $\Omega$ m**

Borehole Drilled by: M/s VSAIPPL, Ghazipur, Uttar Pradesh, India.

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 (meters)	Remarks (Quality of aquifer water)
1.	21 - 25	04	Good
2.	32 - 36	04	Good
3.	40 - 44	04	Good
4.	70 - 76	06	Good

- Note:-
1. Fine bands of kankar are intermixed with almost all the zones.
  2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.
  3. Quality of ground water is deteriorating marginal to saline below 85.0 m bgl to till depth logged.
  4. Please ensure pre-monsoon water level before lower the well assembly.

26-75'  
(SM)

Verified as per logs provided

G. Sh  
27/05/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)



अधीक्षण अभियन्ता,  
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक - मरदह, जोन 4, ग्राम पंचायत - कंसहरी (विजवानपुर) TW 2. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 200/180 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 550 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 25.05.2023 को नलकूप के बोर की इलेक्ट्रिक लागिग करायी गयी, जिसका विवरण निम्नानुसार है :-

Logging Report					PHYSICAL STRATA			
25/05/2023					S.No.	BGL in meter		Formation
S.N.	Depth Range		Thickness	Remark		From	to	
1	21	25			4	Good	1	0
2	32	36	4	Good	2	6	12	Clay Kankad
3	40	44	4	Good	3	12	21	Kankad
4	70	75	5	Good	4	21	26	Kankad with Very Fine Sand
<b>Note-</b> 1. Fine bands of kankar are intermixed with almost all the zones. 2. Zone SI. NO. 3 is highly intermixed with fine bands of kankar. 3. Quality of ground water is deteriorating marginal to saline below 85.0 m bgl to till depth logged. 4. Please ensure pre-monsoon water level before lower the well assembly.					5	26	30	Clay Kankad
					6	30	78	Very Fine Sand with Kankad
					7	78	92	Clay Kankad
					8	92	124	Very Fine Sand
					9	124	156	Kankad with Clay
					10	156	192	Clay Kankad
					11	192	200	Very Fine Sand

अनुबन्ध में उपरोक्त नलकूप से 550 ली०प्र०मि० श्राव प्राप्त करने हेतु Enterance Velocity 0.015m/sec पर 24 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लागिग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 11.50 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लागिग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Aquifer Very Fine Sand with Kankad का है एवं लागिग रिपोर्ट के अनुसार केवल 11.50 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 550 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 11.50 मीटर की लम्बाई में Enterance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 11.50 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 23.00 मीटर पाइप के बराबर आयेगी, जो Aquifer structure के दृष्टिगत उचित होगा एवं वास्तविक श्राव यील्ड टेस्ट के उपरान्त डिप्रेसन 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 एक्यूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 76.75 मीटर गहरे नलकूप जिसमें 11.50 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लागिग रिपोर्ट की छायाप्रति



संगणक  
जूनो इंजी  
सहायक अभियन्ता  
अधीक्षण अभियन्ता

अधिशायी अभियन्ता

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

For Construction of 200/76.75 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 4, Gram Panchayat - Kansahari (Vijaynagar) TW 2, Water Supply Scheme in District - Ghazipur

Sl No	Item of work	Unit	Rate	Cost As Per Cover Agreement (200/180 mts. deep 200 X 150 mm. dia assembly size)		Expenditure as per Actual Work Executed at Site due to adverse Geophysical Condition (200/76.75 mts. deep 300 X 300 mm. dia assembly size)	
				Qty	Amount (Rs)	Qty	Amount (Rs)
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>			1			
	Drilling of Borehole for Tubewell - onstruction by DC/RC/DTH Rig Machine including transportation, 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			84	272,300.72
4	500 MMØ	Rmt	2,717.19	65	176,617.39		
5	450 MMØ	Rmt	2,454.95	35	85,923.19	16	39,279.17
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	100	277,463.01
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	Tubewell Assembly.						
13	MSERW plain pipe As per IS 4270						
14	300 MMØ	Rmt	3,794.68			65.75	249,500.21
15	200 MMØ	Rmt	2,546.43	60	152,785.80		
16	150 MMØ	Rmt	1,897.34	96	182,144.64		
17	MSERW slotted pipe as per IS 8110						
18	150 MMØ	Rmt	2,796.08	24	67,105.92		
19	200 MMØ	Rmt	3,828.43				
20	300 MMØ	Rmt	5,181.43			11.50	59,585.75
21	MS Borewell cap fixture including fitting charges.						
22	MS fittings such as - lamp, ball valve, reducer, well cap, center & 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	77.25	36,386.27
24	Lowering of Tubewell 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 Plain/Slotted Pipe	Rmt	486.31			76.75	37,554.85
27	200 MMØ MSERW Plain/Slotted Pipe	Rmt	389.45	60	73,367.24		
28	150 MMØ MSERW Plain/Slotted Pipe	Rmt	385.46	40	15,418.38		
	<b>Total Amount</b>				1,254,017.96		1,160,478.34
	<b>Say</b>				1,254,018.00		1,160,478.00

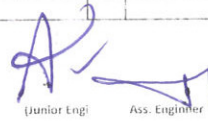
Net Savings Amount Rs. 93,540.00

Net Savings In Percentage 7.46%

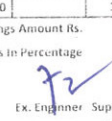
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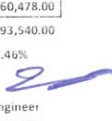
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(Computer)

  
(Junior Engi)

  
Ass. Engineer

  
Div. Accountant

  
Ex. Engineer

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

M/S VSAIPPL SMC JV, Ghazipur

Medhaj Techno Concept Pvt. Ltd., Ghazipur

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



## STATE WATER AND SANITATION MISSION, UTTAR PRADESH

Zone-3	Kardah Kaithawali	Kardah Kaithawali	Gosae Ka	204814	1,951	268
			Kardah			
			Kauripura			
			Mathiya			
			Musahar Basti			
			Noniyapura			
Zone-4	Kansahari	Bhawanipur	Bijwanpur	204612	1,020	149
			Ramavtar Ka			
		Kabeerpur	Harijan Basti	204821	592	90
			Kabeerpur			
			Shivdanikapur			
		Kansahari	Kansahari	Bharpura	204820	813
	Bhavanipur					
	Harijan Basti					
	Kansahari					
	Rupakapura					
	Yadav Basti					
	Narwar	Narwar	Ahir	204823	2,148	297
			Ahirpura			
			Badh Ka Pura			
			Harijan Basti			
Narwar						
Mahegwan	Deevan Patti	Deevan Patti	204825	675	100	
	Mahegwan	Harijan Basti	204824	1,351	204	
		Mahegwan				
<b>TOTAL :</b>					<b>19,353</b>	<b>2,827</b>

**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.

**14) ENVORONMENTAL IMPACT-**



BOQ - E&M  
ZONE 4



MARDAHA 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	96			96	1897.34	Rmt	182,144.64
1.9.1	3.08	MSERW Pipe slotted pipe as per IS 8110	1	24.00			24	2796.08	Rmt	67,105.92



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	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
Total cost for each tubewell									2,026,313.5
Total cost for 3 tubewells									6,078,940.4
4	47	Earth filling of abandoned tubewell in Waterworks campus	0	34.23	0.00		106.8502	Cum	-
Total Cost of Tubewell									6,078,940.40
Total Cost (In Lacs)									60.79



# 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 Kanshari(Vijwanpur) GP (Zone-4, T.W-2) Tubewell under Mardha WSS, Block-Mardha Development By 250 PSI Air Compressor

Size of tube well (mm): 300 X 300 RPM 1350

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

Depth of T/W (m): 76.750 Required Discharge- 550 LPM Date of testing 23-09-2023

S. N.	Pressure in kg/cm <sup>2</sup>		Depression		Depth of air line at the time of testing (m)	Discharge by 'V' Notch		Sand content in P.P.M.				
	Starting Pressure	Running Pressure	In	In mtr.		Inch	LPM	At start	After 5 min	After 10 min	After 15 min	After 20 min
1	6.00	5.30	0.70	7.00	71.00	7 1/4	1205	6100	3400	3200	3000	2900
2	3.00	2.40	0.60	6.00	41.00	6 3/4	1008	5500	3100	2900	2700	2600
3	2.20	1.70	0.50	5.00	33.00	6 1/2	917	4900	2800	2600	2400	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

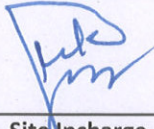
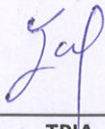
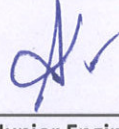
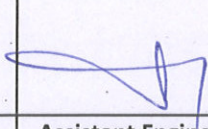
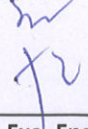


**M/S VSAIPPL-SMC JV, Ghazipur (U.P)**

<b>Job Code:</b>		<b>Compressor unit</b>	<b>As per DPR:</b>	400 PSI
<b>Block:</b>	MARDAH	<b>Capacity</b>	<b>As per Site:</b>	250 PSI
<b>Scheme</b>	MARDAH REORGANISATION WSS	<b>Compressor unit</b>	<b>As per DPR:</b>	40
<b>GP</b>	KANSHARI ( VIJWANPUR ), TW 2, ZONE 4	<b>Hours</b>	<b>As per Site:</b>	48:00
<b>Lowering Depth(mtr):</b>	76.750	<b>Cumm</b>		
<b>Lowering Date :</b>	1-Jun-23	<b>Gravel(cumt)</b>	<b>As per DPR:</b>	45.34
		<b>Cumm</b>		
		<b>Gravel(cumt)</b>	<b>As per Site:</b>	44.99

SI No	Date	Start Time	End Time	Total Hours	Remarks
1	16-Sep-23	7:19 AM	8:30 AM	1:11	
2		10:10 AM	11:04 AM	0:54	
3		12:10 PM	1:22 PM	1:12	
4		2:10 PM	3:20 PM	1:10	
5		4:10 PM	5:22 PM	1:12	
6	17-Sep-23	7:23 AM	8:00 AM	0:37	
7		10:20 AM	11:25 AM	1:05	
8		12:10 PM	1:32 PM	1:22	
9		2:10 PM	3:20 PM	1:10	
10		4:04 PM	5:26 PM	1:22	
11	18-Sep-23	7:39 AM	8:45 AM	1:06	
12		10:10 AM	11:34 AM	1:24	
13		12:03 PM	1:32 PM	1:29	
14		2:05 PM	3:14 PM	1:09	
15		4:09 PM	5:27 PM	1:18	
16	19-Sep-23	8:29 AM	9:54 AM	1:25	
17		10:00 AM	11:30 AM	1:30	
18		1:00 PM	2:25 PM	1:25	
19		4:20 PM	5:30 PM	1:10	
20		6:00 PM	7:30 PM	1:30	
21	20-Sep-23	9:00 AM	10:10 AM	1:10	
22		11:00 AM	12:26 PM	1:26	
23		2:00 PM	3:29 PM	1:29	
24		4:00 PM	5:10 PM	1:10	
25		6:29 PM	7:34 PM	1:05	
26		10:00 AM	11:10 AM	1:10	



M/S VSAIPPL-SMC JV, Ghazipur (U.P)					
Job Code:		Compressor unit	As per DPR:	400 PSI	
Block:	MARDAH	Capacity	As per Site:	250 PSI	
Scheme	MARDAH REORGANISATION WSS	Compressor unit	As per DPR:	40	
GP	KANSHARI (VIJWANPUR), TW 2, ZONE 4	Hours	As per Site:	48:00	
Lowering Depth(mtr):	76.750	Cumm			
Lowering Date :	1-Jun-23	Gravel(cumt)	As per DPR:	45.34	
		Cumm			
		Gravel(cumt)	As per Site:	44.99	
SI No	Date	Start Time	End Time	Total Hours	Remarks
27	21-Sep-23	12:00 PM	12:50 PM	0:50	
28		1:30 PM	2:40 PM	1:10	
29		3:00 PM	4:16 PM	1:16	
30		5:00 PM	6:29 PM	1:29	
31	22-Sep-23	8:00 AM	9:14 AM	1:14	
32		10:10 AM	11:40 AM	1:30	
33		1:30 PM	2:10 PM	0:40	
34		3:20 PM	4:26 PM	1:06	
35		5:30 PM	6:29 PM	0:59	
36	23-Sep-23	9:20 AM	10:30 AM	1:10	
37		11:05 AM	12:01 PM	0:56	
38		2:10 PM	3:30 PM	1:20	
39		4:06 PM	5:10 PM	1:04	
40		6:19 PM	7:24 PM	1:05	
			<b>Total</b>	<b>48:00</b>	
<b>Note</b>	Due to poor quality of strata, running hours of Compressor increase beyond the DPR qty.				
					
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			

Note: as per DPR working hr is 40hr. But in logsheet mention hr is 48hr. So clarification is required approval hr is 40hr.

Jaf



# 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 Kabeerpur Vijwanpur GP (Zone-4,TW-3) Tubewell under Mardah reorganisation WSS, Block-Mardah by 1 Cusec O.P. Unit

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

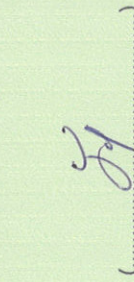
Static water level(m): 9.10 Required Discharge(LPM)- 550 LPM Date: 21-02-2024

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	55.00	1173	16.20	7.10	650	300	200	150	100
2	33.00	916	14.30	5.20	400	200	150	100	Tr
3	12.00	553	13.00	3.90	100	50	Tr	Tr	Cl

Remark- Recommended discharge 550 LPM L.P.M. at 3.9 m depression after running 20 minute bypass.

  
(.....)  
Company Repr.

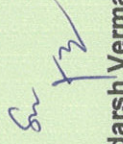
M/S VSAIPPL-SMC  
JV,Ghazipur (U.P.)

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

(Abhishék Srivastava)  
Junior Engineer

  
(Nitish Kumar)  
Assistant Engineer

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

  
(Adarsh Verma)  
Executive Engineer




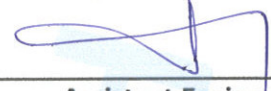


Latitude - 25.810817 Longitude - 83.546595

M/S VSAIPPL-SMC JV, Ghazipur (U.P)					
Block:	MARDAH	Op unit Capacity	As per DPR:	1 cusec	
			As per Site:	1 cusec	
Scheme	MARDAH REORGANISATION WSS	Op unit Hours	As per DPR:	70	
GP	Kabeerpur Vijwanpur Z-4, T.W-1		As per Site:	89.96 Hrs	
Discharge	550 LPM	Compressor Testing Date :		23-09-2023	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	09-02-2024	12:21:00	13:25:00	1:04	
2		14:46:00	16:16:00	1:30	
3		17:02:00	18:45:00	1:43	
4		19:40:00	21:30:00	1:50	
5		22:10:00	23:30:00	1:20	
6	10-02-2024	00:12:00	01:45:00	1:33	
7		08:45:00	09:41:00	0:56	
8		10:44:00	11:50:00	1:06	
9		15:56:00	17:18:00	1:22	
10		18:04:00	19:10:00	1:06	
11	11-02-2024	19:40:00	20:33:00	0:53	
12		08:55:00	09:50:00	0:55	
13		10:34:00	11:53:00	1:19	
14		12:50:00	13:20:00	0:30	
15		15:56:00	17:18:00	1:22	
16	12-02-2024	18:02:00	19:12:00	1:10	
17		19:40:00	20:30:00	0:50	
18		00:15:00	01:45:00	1:30	
19		08:25:00	09:56:00	1:31	
20		10:28:00	11:54:00	1:26	
21	13-02-2024	12:20:00	13:58:00	1:38	
22		15:48:00	17:18:00	1:30	
23		08:28:00	09:54:00	1:26	
24		10:24:00	11:56:00	1:32	
25		12:21:00	13:41:00	1:20	
26	14-02-2024	14:46:00	16:16:00	1:30	
27		17:02:00	18:45:00	1:43	
28		19:40:00	21:30:00	1:50	
29		22:10:00	23:30:00	1:20	
30		00:12:00	01:45:00	1:33	
31	15-02-2024	08:45:00	09:41:00	0:56	
32		10:44:00	11:50:00	1:06	
33		12:50:00	13:21:00	0:31	
34		15:56:00	17:18:00	1:22	
35		18:04:00	19:10:00	1:06	
36	16-02-2024	19:40:00	20:33:00	0:53	
37		08:55:00	09:50:00	0:55	
38		10:34:00	11:53:00	1:19	
39		12:50:00	13:20:00	0:30	
40		15:56:00	17:18:00	1:22	
41	17-02-2024	18:02:00	19:12:00	1:10	
42		19:40:00	20:30:00	0:50	
43		08:15:00	09:40:00	1:25	
44		10:44:00	11:57:00	1:13	
45		12:50:00	13:20:00	0:30	
46	17-02-2024	15:56:00	17:18:00	1:22	
47		18:08:00	19:10:00	1:02	
48		08:55:00	10:16:00	1:21	
49		10:44:00	11:55:00	1:11	
50		12:40:00	13:50:00	1:10	
51	17-02-2024	15:57:00	17:26:00	1:29	
52		18:12:00	19:20:00	1:08	
53		19:40:00	21:10:00	1:30	

Note: as per dpr work to mention 70hr But in logsheet hr mention is 89.96hr So classification require, approval hr is only 70hr



M/S VSAIPPL-SMC JV,Ghazipur (U.P)					
Block:	MARDAH	Op unit Capacity	As per DPR:	1 cusec	
			As per Site:	1 cusec	
Scheme	MARDAH REORGANISATION WSS	Op unit Hours	As per DPR:	70	
			As per Site:	89.96 Hrs	
GP	Kabeerpur Vijwanpur Z-4,T.W-1				
Discharge	550 LPM		Compressor Testing Date :	23-09-2023	
SI No	Date	Start Time	End Time	Total Hours	Remarks
54	18-02-2024	08:47:00	10:10:00	1:23	
55		10:44:00	11:50:00	1:06	
56		12:50:00	14:20:00	1:30	
57		15:46:00	17:16:00	1:30	
58		18:02:00	19:11:00	1:09	
59		19:50:00	21:12:00	1:22	
60	19-02-2024	08:35:00	10:05:00	1:30	
61		10:44:00	11:53:00	1:09	
62		12:42:00	14:12:00	1:30	
63		15:46:00	17:16:00	1:30	
64		18:19:00	19:20:00	1:01	
65	20-02-2024	19:40:00	21:00:00	1:20	
66		08:35:00	10:05:00	1:30	
67		10:44:00	11:55:00	1:11	
68		12:42:00	14:12:00	1:30	
69	21-02-2024	15:46:00	17:17:00	1:31	
70		08:35:00	10:05:00	1:30	
71		10:48:00	11:55:00	1:07	
			<b>Total</b>	<b>89:58</b>	
			<b>Total (Hrs)</b>	<b>89.96 Hrs</b>	
					
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		