

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

Actual Strata Chart of KASIMABAD REORGANISATION WSS, BLOCK - KASIMBAD, ZONE 1, GRAM PANCHAYAT - SUKAHA TW 1

Under Jal Jivan 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		Formation	AGL 0.50			
	From	to					
1	0	6	Clay			0.000	5.510
2	6	12	Clay Kankad			0.000	11.510
3	12	22	Kankad			0.000	17.520
4	22	26	Very Fine Sand			0.000	23.520
5	26	34	Kankad Clay			0.000	29.530
6	34	48	Very Very Fine Sand			0.000	35.540
7	48	60	Very Fine Sand			0.000	41.550
8	60	74	Kankad Clay			0.000	47.550
9	74	88	Fine sand			0.000	51.550
10	88	130	Kankad Clay			0.000	54.550
11	130	160	Very Fine Sand			0.000	60.550
12	160	164	Kankad			0.000	66.550
						0.000	72.550
						0.000	76.450
						0.000	82.550
						0.000	85.550
						0.000	88.550
							98.000

Logging

Date- 11/5/2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	22	26	4	Good
2	34	38	4	Good
3	51	55	4	Good
4	76	86	10	Good

Note-

1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone SI. No. 2 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 102.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	550.000	LPM		
2	Cear Depth of bore 600mm	0	Mbgl	98.000	Mbgl
3	Cear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	164.000	Mbgl
5	Plane pipe 300MM	0	m	76.950	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	12.100	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	24	m	0.000	m
11	Date of lowering	17/05/2023			

(.....) Company Repre. M/S VSAIPPL-SMC	 (.....) TPIA 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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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 431

Dated: 12-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sukaha**
Block: **Kasimabad**
District: **Ghazipur**
State: **Uttar Pradesh**
Date of Logging: **11-05-2023**
Drilling depth: **200.0 m bgl**
Logging Depth: **164.0 m bgl**
Rm - **7.5 Qm** Rw - **7.8 Qm**

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.	22 - 26	04	Good
2.	34 - 38	04	Good
3.	48 - 55	07	Good
4.	76 - 86	10	Good

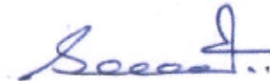
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating marginal to saline below 102.0 m bgl to till depth logged.

4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

*Verified as per logs provided
Note: Sr No 3
SI-55
(4m)*

*G. Shukla
12/05/23*

अधीक्षण अभियन्ता,
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक - कासिमाबाद , ग्राम पंचायत - सुकहा TW No 1 (जोन 1). 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 11.05.2023 को नलकूप के बोर की इलेक्ट्रिक लॉगिंग करायी गयी, जिसका विवरण निम्नानुसार है :-

Logging					PHYSICAL STRATA			
Date- 11/5/2023					S.No.	BGL in meter		Formation
S.N.	Depth Range		Thickness	Remark		From	to	
	From	to			1	0	6	Clay
1	22	26	4	Good	2	6	12	Clay Kankad
2	34	38	4	Good	3	12	22	Kankad
3	51	55	4	Good	4	22	26	Very Fine Sand
4	76	86	10	Good	5	26	34	Kankad Clay
Note- 1. Fine bands of kankar are intermixed with almost all the zones. 2. Zone SI. No. 2 is highly intermixed with fine bands of kankar. 3. Quality of ground water is deteriorating marginal to saline below 102.0 m bgl to till depth logged. 4. Please ensure pre-monsoon water level before lower the well assembly.					6	34	48	Very Very Fine Sand
					7	48	60	Very Fine Sand
					8	60	74	Kankad Clay
					9	74	88	Fine sand
					10	88	130	Kankad Clay
					11	130	160	Very Fine Sand
					12	160	164	Kankad

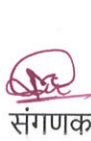

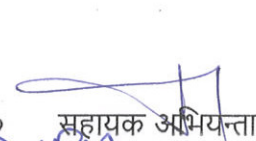
अनुबन्ध में उपरोक्त नलकूप से 550 ली०प्र०मि० श्राव प्राप्त करने हेतु Entrance Velocity 0.015m/sec पर 24 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लॉगिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 12 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लॉगिंग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Aquifer Very Fine sand और Fine Sand का है एवं लॉगिंग रिपोर्ट के अनुसार केवल 12 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 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 (एसडब्ल्यूएस०एम०) द्वारा सक्षम स्तर से स्वीकृति उपरान्त नियमानुसार किया जायेगा।

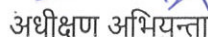
अतः प्राप्त एक्वूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 88.50 मीटर गहरे नलकूप जिसमें 12 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लॉगिंग रिपोर्ट की छायाप्रति


M/s VSAIPPL-SMC JV
District - Ghazipur

 संगणक
 जूनि० इंजी०
 सहायक अभियन्ता

 अधिशासी अभियन्ता


अधीक्षण अभियन्ता

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

For Construction of 164/88.55 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 KASIMABAD, Zone 1, TW No-1, Gram Panchayat - SUKAHA 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 (164/88.55 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
	Tubewell construction:						
	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			98	317,684.18
4	500 MMØ	Rmt	2,717.19	65	176,617.39		
5	450 MMØ	Rmt	2,454.95	35	85,923.19	2	4,909.90
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	64	177,576.32
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			76.95	292,000.63
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	5,181.33			12.10	62,694.04
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	89.05	41,944.30
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			88.55	43,328.75
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				
	Total Amount				1,289,408.35		1,128,546.98
	Say				1,289,408.00		1,128,547.00

Net Savings Amount Rs. 160,861.00
Net Savings In Percentage 12.48%


(Company Rep.)

M/S VSAIPL-SMC JV, Ghazipur

(TPIA Rep.)

Medhaj Techno Concept Pvt. Ltd., Ghazipur



(computer)

(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)

Strata Chart of KASIMABAD REORGANISATION WSS, BLOCK - KASIMBAD, ZONE 1, GRAM PANCHAYAT - SUKAHA TW 1

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





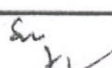
PHYSICAL STRATA				Drilling and assembly 300 mm 600MM	MS Ring Collar length	BGL including MS Ring Collar	
S.No.	BGL in meter		Formation	Pipe Size	Pipe Type	AGL 0.50	0
	From	to					
1	0	6	Clay	6.010	PP	0.000	5.510
2	6	12	Clay Kankad	6.000	P.P.	0.000	11.510
3	12	22	Kankad	6.010	P.P.	0.000	17.520
4	22	26	Very Fine Sand	6.000	P.P.	0.000	23.520
5	26	34	Kankad Clay	6.010	PP	0.000	29.530
6	34	48	Very Very Fine Sand	6.010	PP	0.000	35.540
7	48	60	Very Fine Sand	6.010	PP	0.000	41.550
8	60	74	Kankad Clay	6.000	PP	0.000	47.550
9	74	88	Fine sand	4.000	PP	0.000	51.550
10	88	130	Kankad Clay	3.000	S.P.	0.000	54.550
11	130	160	Very Fine Sand	6.000	P.P.	0.000	60.550
12	160	164	Kankad	6.000	PP	0.000	66.550
				6.000	PP	0.000	72.550
				6.000	PP	0.000	76.450
				3.900	PP	0.000	76.450
				6.100	S.P.	0.000	82.550
				3.000	S.P.	0.000	85.550
				3.000	P.P.	0.000	88.550
							98.000

Logging				
Date- 11/5/2023				
S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	22	26	4	Good
2	34	38	4	Good
3	51	55	4	Good
4	76	86	10	Good

Note-

- Fine bands of kankar are intermixed with almost all the zones.
- Zone SI. No. 2 is highly intermixed with fine bands of kankar.
- Quality of ground water is deteriorating marginal to saline below 102.0 m bgl to till depth logged.
- Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	550.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl	98.000	Mbgl
3	Clear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	164.000	Mbgl
5	Plane pipe 300MM	0	m	76.950	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	12.100	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	24	m	0.000	m
11	Date of lowering			17/05/2023	

 Company Repr. M/S VSAIPPL-SMC	 TPIA 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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BOQ - E&M
ZONE 1

KASIMABAD REORGANISATION WATER SUPPLY SCHEME

"UNDER JAL JEEVAN MISSION"

TEHSIL - KHASIMABAD, BLOCK - KHASIMABAD

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	156159.0708	Job	156,159.07
1.2		DC/RC Drilling up to 100Mtr.								
1.2.1	2.06	500 MMØ	1	65			65	2717.1906	Rmt	176,617.39
1.2.2	2.05	450 MMØ	1	35			35	2454.948254	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	2774.630072	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	3158.991212	Rmt	-
1.5		DC/RC Drilling from 301 MT. To 400 Mtr.Deep								
1.5.1	2.17	450 MMØ	1	0			0	3703.098394	Rmt	-
1.6	2.2	DTH Drilling upto 200.0 Mtr.Deep - 165/200 MMØ (in over burden/Hard Rock).	1	0			0	0	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		
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								
		150 MMØ	1	24.00			24	2796.08	Rmt	67,105.92

1.9.2	3.11	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure				1	32249.787	Job	32,249.79
1.9.3	3.12	MS fittings such as ring & centre guide	1	180		180	471.019648	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	389.454	Rmt	23,367.24
2.1.2	4.03	150 MMØ MSERW Plane/Slotted Pipe				40	385.4596	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	442.3798	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	569.55151	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	425.932858	Rmt	-
2.5	5	Supplying and unconsolidated packing of gravel with suitable size				45.3	7489.5	Cum	339,589.04
3.0	6	Development of Tube well							
3.1	6.03	Transportation, Installation Dismantling of 400 PSI Compressor				1	92022.9872	Job	92,022.99
3.2	6.05	Charges for Development by 400 PSI Compressor per hour				40	3267.26941	Hrs	130,690.78
3.3	6.09	Transportation, Installation Dismantling of 1 Cusec OP Unit and Yield test, water test				1	105089.6682	Job	105,089.67
3.4	6.10	Charges for Development of TW by 1 Cusec OP Unit				70	993.037798	Hr.	69,512.65
Total cost for each tubewell									2,026,313.5
Total cost for 2 tubewells									4,052,626.9
4	47	Earth filling of abandoned tubewell in Waterworks campus	1	34.23		34.23	106.8502	Cum	3,657.86
Total Cost of Tubewell									4,056,284.79
Total Cost (In Lacs)									40.56

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-Sukaha TW1, Zone 1, Block - Kasimabad, Scheme-Kasimabad WSS, Developed by 250 PSI Compressor


Size of tube well (mm):		300	X	300	RPM		1400			
Static water level (m):		12.00			Discharge by-90 'V' notch (Rectangular)					
Depth of TW (m):		88.550			Date: of testing			08-07-2023		
Pressure in kg/cm ²		Depression			Discharge by 'V' Notch			Sand content in P.P.M.		
Starting Pressure	Running Pressure	In kg/cm ²	In mtr.	Inch	LPM	At start	After 5 min			
1	6.90	6.00	9.00	7	1104	7300	4000	3800	3600	3500
2	6.30	5.60	7.00	6 1/2	917	6500	3600	3400	3200	3100
3	3.80	3.20	6.00	5 3/4	675	6000	3300	3100	2900	2700

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


 Company Repte.
 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)

Job Code:		Compressor unit	As per DPR:	400 PSI	
Block:	Kasimabad	Capacity	As per Site:	250 PSI	
Scheme	Kasimabad Reorganisation WSS	Compressor unit	As per DPR:	40	
GP	Sukaha TW1, Zone 1	Hours	As per Site:	49:00	
Lowering Depth(mtr):	88.550	Cumm Gravel(cumt)	As per DPR:	45.3	
		Cumm Gravel(cumt)	As per Site:	43.60	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	28-Jun-23	7:30 AM	11:36 AM	4:06	
2	29-Jun-23	7:00 AM	12:48 PM	5:48	
3	30-Jun-23	8:48 AM	12:00 PM	3:12	
4	1-Jul-23	9:00 AM	1:38 PM	4:38	
5	2-Jul-23	9:48 AM	4:00 PM	6:12	
6	3-Jul-23	8:00 AM	11:04 AM	3:04	
7	4-Jul-23	7:30 AM	11:36 AM	4:06	
8	5-Jul-23	7:00 AM	1:48 PM	6:48	
9	6-Jul-23	8:48 AM	12:00 PM	3:12	
10	7-Jul-23	9:00 AM	12:38 PM	3:38	
11	8-Jul-23	9:48 AM	2:04 PM	4:16	
		Total		49:00	
	<i>YR</i>	<i>DR</i>	<i>[Signature]</i>	<i>[Signature]</i>	
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	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 - Sukaha TW1,Zone 1,Block - Kasimabad,Scheme- Kasimabad Reorganisation WSS
by 1 Cusec O.P. Unit

Size of Ventury		4" X 3"		Column Pipe Lowered:			30.00			
Static water level(m):				12.00		Date: 17/7/2023				
S.N.	Discharge		Static Water Level (m)	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	40.00	1007	12.00	20.00	8.00	800	500	250	200	100
2	20.00	708	12.00	17.20	5.20	400	250	150	50	Tr
3	15.00	613	12.00	16.50	4.50	100	50	Tr	Tr	Cl
Remark-		Recommended discharge 550 L.P.M. at 4.5m depression after running 20 minute bypass.								



Company Repr.
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)					
Job Code:		Op unit	As per DPR:	1 Cusec	
Block:	Kasimabad	Capacity	As per Site:	1 Cusec	
Scheme	Kasimabad Reorganisation WSS	Op unit	As per DPR:	70	
GP	Sukaha TW1, Zone 1	Hours	As per Site:	92:00	
Lowering Depth(mtr):	88.550				
Sl No	Date	Start Time	End Time	Total Hours	Remarks
1	09-07-2023	8:00 AM	5:15 PM	9:15	
2	10-07-2023	8:00 AM	4:20 PM	8:20	
3	11-07-2023	8:00 AM	6:15 PM	10:15	
4	12-07-2023	8:00 AM	5:15 PM	9:15	
5	13-07-2023	8:00 AM	5:15 PM	9:15	
6	14-07-2023	8:00 AM	5:15 PM	9:15	
7	15-07-2023	8:00 AM	5:15 PM	9:15	
8	16-07-2023	8:00 AM	5:15 PM	9:15	
9	17-07-2023	8:00 AM	5:15 PM	9:15	
10	18-07-2023	8:10 AM	4:50 PM	8:40	
			Total	92:00	
					
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	Division Office(E/M) ,U.P.Jal Nigam(Rural),Varanasi		