

**M/S VSAIPPL-SMC JV, Ghazipur (U.P)**  
**Actual Strata Chart of BHARSAR REORGANISATION WSS, BLOCK - BIRNO, ZONE 2, GRAM PANCHAYAT - DIDOHAR TW 1**  
**Under Jal Jeevan Mission, District- Ghazipur(U.P.)**

S.No	BGL in meter		Formation	Drilling and assembly 300 MM 600MM	MS Ring Collar length	BGL including MS Ring Collar
	From	to				
1	0	12	Clay			
2	12	18	Clay Kankad			
3	18	44	Very Fine Sand with Kankad			
4	44	66	Clay Kankad			
5	66	102	Kankad With Very fine Sand			
6	102	140	Sandy Clay with Kankad			
				AGL 0.50	0	
				6.050 P.P.	0.000	5.550
				6.050 P.P.	0.000	11.600
				6.050 P.P.	0.000	17.650
				6.030 P.P.	0.000	23.680
				6.040 P.P.	0.000	29.720
				6.030 P.P.	0.000	35.750
				0.750 P.P.	0.000	36.500
				6.020 S.P.	0.000	42.520
				6.030 P.P.	0.000	48.550
						53.000

**Logging**  
 Date-13.07.2023

S.N.	Depth Range	Thickn ess	Remark
	From	to	
1	19	26	7 Good
2	36	43	7 Good

Note-  
 1. Fine Band of Kankar are intermixed with almost all the zones.  
 2. Quality of ground water is deteriorating marginal to saline below 60 mbgl to till depth logged.  
 3. Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	290.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl	53.000	Mbgl
3	Clear Depth of bore 500mm	65	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	360	Mbgl	140.000	Mbgl
5	Plane pipe 300MM	0	m	43.030	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	6.020	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	12	m	0.000	m
11	Date of lowering			19.07.2023	



(.....)  
**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

# 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: K-08

Dated: 14-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Didohor, T.W. - 1  
Block: Birno  
District: Ghazipur  
State: Uttar Pradesh  
Date of Logging: 13-07-2023  
Drilling Depth: 200.0 m bgl  
Logging Depth: 140.0 m bgl

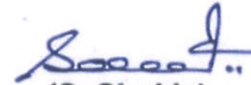
Borehole Drilled by: M/S VSAIPPL-SMC JV, Ghazipur, Uttar Pradesh.

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 - 26	07	Good
2.	36 - 43	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline below 60.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)



अधीक्षण अभियन्ता,  
महोदय,

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक- बिरनो, जोन 2, ग्राम पंचायत-डिडोहर TW1. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 360/330 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 290 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 13.07.2023 को नलकूप के बोर की इलेक्ट्रिक लागिंग करायी गयी, जिसका विवरण निम्नानुसार है: -

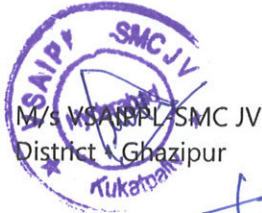
S.N.	Depth Range		Thickness	Remark	PHYSICAL STRATA			
	From	to			S.No.	BGL in meter	Formation	
1	19	26	7	Good				
2	36	43	7	Good	1	0	12	Clay
<b>Note-</b> 1.Fine Band of Kankar are intermixed with almost all the zones. 2.Quality of ground water is deteriorating marginal to saline below 60 mbgl to till depth logged. 3.Please ensure pre-monsoon water level before lower the well assembly.					2	12	18	Clay Kankad
					3	18	44	Very Fine Sand with Kankad
					4	44	66	Clay Kankad
					5	66	102	Kankad With Very fine Sand
					6	102	140	Sandy Clay with Kankad

अनुबन्ध में उपरोक्त नलकूप से 290 ली०प्र०मि० श्राव प्राप्त करने हेतु Enterance Velocity 0.015m/sec पर 12 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लागिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 6 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लागिंग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Very Fine sand with kankad का है एवं लागिंग रिपोर्ट के अनुसार केवल 6 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 290 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 6 मीटर की लम्बाई में Enterance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 6 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 12.00 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 (एसडब्ल्यूएसएम) द्वारा सक्षम स्तर से स्वीकृति उपरान्त नियमानुसार किया जायेगा।

अतः प्राप्त एक्यूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 48.50 मीटर गहरे नलकूप जिसमें 6 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लागिंग रिपोर्ट की छायाप्रति



सगणक

जूनियो इंजीनियर सहायक अभियन्ता

अधिशारी अभियन्ता

अधीक्षण अभियन्ता

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

For Construction of 140/48.55 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 Block - Birno, Zone 2, Gram Panchayat - Didohar  
TW1 Water Supply Scheme in District - Ghazipur

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 (140/48.55 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 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		-	53	171,808.79
4	500 MMØ	Rmt	2,717.19	65	176,617.39		-
5	450 MMØ	Rmt	2,454.95	35	85,923.19	47	115,382.57
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	40	110,985.20
8	DC/RC Drilling from 200 Mtr. To 300 Mtr.				-		-
	500 MMØ	Rmt	3,363.28		-		-
9	450 MMØ	Rmt	3,158.99	100	315,899.12		-
10	DC/RC Drilling from 300 Mtr. To 400 Mtr.				-		-
11	450 MMØ	Rmt	3,703.10	60	222,185.90		-
12	Tubewell Assembly:				-		-
13	MSERW plain pipe As per IS 4270				-		-
14	300 MMØ	Rmt	3,794.68		-	43.03	163,285.08
15	200 MMØ	Rmt	2,546.43	60	152,785.80		-
16	150 MMØ	Rmt	1,897.34	258	489,513.72		-
17	MSERW slotted pipe as per IS 8110				-		-
18	150 MMØ	Rmt	2,796.08	12	33,552.96		-
19	200 MMØ	Rmt	3,828.43		-		-
20	300 MMØ	Rmt	5,181.33		-	6.02	31,191.58
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	330	155,436.48	49.05	23,103.51
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		-	48.55	23,756.19
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		-		-
31	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.97	100	58,997.29		-
32	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17		-		-
33	Lowering of MSERW Plane/Slotted Pipe from 200 Mtr. To 300 Mtr. Deep				-		-
34	150 MMØ MSERW Plane/Slotted Pipe	Rmt	569.55		-		-
35	200 MMØ MSERW Plane/Slotted Pipe	Rmt	678.69	100	67,868.85		-
36	300 MMØ MSERW Plane/Slotted Pipe	Rmt	896.96		-		-
37	Lowering of MSERW Plane/Slotted Pipe from 300 Mtr. To 400 Mtr. Deep				-		-
38	150 MMØ MSERW Plane/Slotted Pipe	Rmt	426.53	30	12,795.90		-
	<b>Total Amount</b>				<b>2,276,234.09</b>		<b>827,921.79</b>
	<b>Say</b>				<b>2,276,234.00</b>		<b>827,922.00</b>

Net Savings Amount Rs. 1,448,312.00  
Net Savings In Percentage 63.63%



M/S VSAIPPL-SMC JV, Ghazipur

Jal  
(TPIA Rep.)

Medhaj Techno Concept Pvt. Ltd., Ghazipur

(Computer)

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

(Junior Ass. Engineer)

Div. Accountant

Ex. Engineer Sup. Engineer

Circle office (E/M), UPIN, Vns

अधीक्षण अभियन्ता  
मण्डल कार्यालय (वि०/याँ०)  
उ०प्र० जल निगम (ग्रामीण)  
वाराणसी।



## ZONE-2

### ESTIMATE FOR

#### DIDOHAR GRAM PANCHAYAT WATER SUPPLY SCHEME UNDER - IJM BLOCK-VIRNO, DISTRICT- GHAZIPUR Estimate of Cost of Tubewell construction

Sl No.	Item of work	No.	L	B	W/D	Qty	Rate	Unit	Amount	Remarks
1	Drilling of Borehole for Tube well construction by DC/RC/PTH Rig Machine including transportation, erection, dismantling of Rig and associated T&P complete in all respect including required all material labor etc.									As per RFP
1.1	Transportation, Installation Dismantling of Rig machine and logging of bore hole					2	1,56,378	Job	3,12,756	
1.2	DC/RC Drilling up to 100 Mtr									
1.2.1	400 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 Mtr. To 200 Mtr. Deep									
1.3.1	450 MMØ					200	2,779	Rmt	5,55,704	
1.3.2	Development - Flushing of tubewell						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	MSERW plain pipe, As per IS-4270								-	
1.4.1	200 MMØ					120	2,550	Rmt	3,06,000	
1.4.2	150 MMØ					516	1,900	Rmt	9,80,400	
1.5	MSERW Pipe slotted pipe as per IS 8110									
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, guder & 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	
	<b>Total</b>								<b>67,99,223</b>	
								<b>Say (In Lacs)</b>	<b>67.99</b>	

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

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

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

Test Report of Didohar GP (Zone-2, TW-1) Tubewell under Govindpur Kirat WSS, Block-Birno Development By 250 PSI Air Compressor

Size of tube well (mm): 300 X 300 RPM 1300

Static water level (m): 9.50 Discharge by-90 'V' notch (Rectangular)

S. N.	Depth of T/W (m): 48.550		Required Discharge- 290 LPM		Date of testing 25-09-2023				
	Depression		Discharge by 'V' Notch		Sand content in P.P.M.				
	Starting Pressure kg/cm2	In mtr.	Inch	LPM	At start	After 5 min	After 10 min	After 15 min	After 20 min
1	2.60	6.00	5	476	5200	2900	2700	2500	2400

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



(.....)  
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





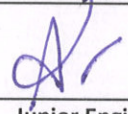
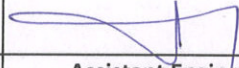
**M/S VSAIPPL-SMC JV, Ghazipur (U.P)**

<b>Job Code:</b>	VIRNO	<b>Compressor unit Capacity</b>	<b>As per DPR:</b>	600PSI	
<b>Block:</b>	MARDAH	<b>Compressor unit Hours</b>	<b>As per Site:</b>	250 PSI	
<b>Scheme</b>	Bharsar REORGANISATION WSS		<b>As per DPR:</b>	60.00	
<b>GP</b>	Didohar Z-2,T.W-1		<b>As per Site:</b>	59.47 Hrs	
<b>Lowering Depth(mtr):</b>	48.55	<b>Cumm Gravel(cumt)</b>	<b>As per DPR:</b>	79.50	
<b>Lowering Date :</b>	19.07.2023	<b>Cumm Gravel(cumt)</b>	<b>As per Site:</b>	46.67	
<b>SI No</b>	<b>Date</b>	<b>Start Time</b>	<b>End Time</b>	<b>Total Hours</b>	<b>Remarks</b>
1	16-Sep-23	8:39 AM	9:45 AM	1:06	
2		10:10 AM	11:30 AM	1:20	
3		12:00 PM	1:30 PM	1:30	
4		2:10 PM	3:10 PM	1:00	
5	17-Sep-23	7:29 AM	8:55 AM	1:26	
6		10:22 AM	11:30 AM	1:08	
7		12:14 PM	1:30 PM	1:16	
8		2:21 PM	3:10 PM	0:49	
9		4:20 PM	5:13 PM	0:53	
10	18-Sep-23	7:39 AM	8:45 AM	1:06	
11		10:20 AM	11:30 AM	1:10	
12		12:10 PM	1:30 PM	1:20	
13		2:20 PM	3:10 PM	0:50	
14		4:20 PM	5:13 PM	0:53	
15	19-Sep-23	7:19 AM	8:45 AM	1:26	
16		10:10 AM	11:30 AM	1:20	
17		12:00 PM	1:20 PM	1:20	
18		2:01 PM	3:10 PM	1:09	
19		4:10 PM	5:20 PM	1:10	
20	20-Sep-23	7:29 AM	8:50 AM	1:21	
21		10:00 AM	11:30 AM	1:30	
22		12:00 PM	1:30 PM	1:30	
23		2:00 PM	3:16 PM	1:16	
24		4:00 PM	5:20 PM	1:20	
25	21-Sep-23	8:29 AM	9:54 AM	1:25	
26		10:00 AM	11:30 AM	1:30	
27		1:00 PM	2:25 PM	1:25	
28		4:20 PM	5:30 PM	1:10	
29		6:00 PM	7:30 PM	1:30	
30	22-Sep-23	9:00 AM	10:10 AM	1:10	
31		11:00 AM	12:26 PM	1:26	
32		2:00 PM	3:29 PM	1:29	
33		4:00 PM	5:10 PM	1:10	
34		6:29 PM	7:34 PM	1:05	

54      A/



**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 Hours	As per DPR:	60.00	
GP	Didohar Z-2,T.W-1		As per Site:	59.47 Hrs	
Lowering Depth(mtr):	48.55	Cumm Gravel(cumt)	As per DPR:	79.50	
Lowering Date :	19.07.2023	Cumm Gravel(cumt)	As per Site:	46.67	
SI No	Date	Start Time	End Time	Total Hours	Remarks
35	23-Sep-23	10:00 AM	11:10 AM	1:10	
36		12:00 PM	12:50 PM	0:50	
37		1:30 PM	2:40 PM	1:10	
38		3:00 PM	4:16 PM	1:16	
39		5:00 PM	6:29 PM	1:29	
40	24-Sep-23	8:00 AM	9:14 AM	1:14	
41		10:10 AM	11:40 AM	1:30	
42		1:30 PM	2:10 PM	0:40	
43		3:20 PM	4:26 PM	1:06	
44		5:30 PM	6:29 PM	0:59	
45	25-Sep-23	9:20 AM	10:30 AM	1:10	
46		11:05 AM	12:01 PM	0:56	
47		2:10 PM	3:30 PM	1:20	
48		4:06 PM	5:10 PM	1:04	
49		6:19 PM	7:24 PM	1:05	
		<b>Total</b>	<b>59:28</b>		
		<b>Total (Hrs)</b>	<b>59.47 Hrs</b>		
					
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			



# 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 Didohar GP (Zone-2,TW-1) Tubewell under Bharsar Reorganisation WSS,  
Block-Birno by 1 Cusec O.P. Unit

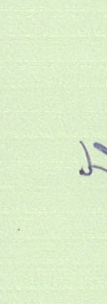
Size of Ventury 4" X 3" Column Pipe Lowered(m): 30.00


Static water level(m): 9.10 Required Discharge(LPM)- 290 LPM Date: 27-02-2024


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	15.00	613	16.00	6.90	700	300	200	150	100
2	8.00	462	15.00	5.90	400	200	150	100	50
3	5.00	379	12.90	3.80	100	50	Tr	Tr	Cl


Remark- Recommended discharge 290 LPM L.P.M. at 3.8 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

  
(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)**

502/2023/30/10

<b>Block:</b>	Birno		<b>Op unit Capacity</b>	<b>As per DPR:</b>	1 cusec
				<b>As per Site:</b>	1 cusec
<b>Scheme</b>	Bharsar REORGANISATION WSS		<b>Op unit Hours</b>	<b>As per DPR:</b>	100
<b>GP</b>	Didohar Z-2, T.W-1			<b>As per Site:</b>	99.75
<b>Discharge</b>	290 LPM		<b>Compressor Testing Date :</b>		11-12-2023
<b>SI No</b>	<b>Date</b>	<b>Start Time</b>	<b>End Time</b>	<b>Total Hours</b>	<b>Remarks</b>
1	12-02-2024	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	13-02-2024	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	14-02-2024	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	15-02-2024	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	16-02-2024	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	17-02-2024	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	18-02-2024	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	19-02-2024	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	20-02-2024	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 - 25.697441      Longitude - 83.552017







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

<b>Block:</b>	Birno	<b>Op unit Capacity</b>	<b>As per DPR:</b>	1 cusec
			<b>As per Site:</b>	1 cusec
<b>Scheme</b>	Bharsar REORGANISATION WSS	<b>Op unit Hours</b>	<b>As per DPR:</b>	100
<b>GP</b>	Didohar Z-2, T.W-1		<b>As per Site:</b>	99.75

**Discharge** 290 LPM **Compressor Testing Date :** 11-12-2023

SI No	Date	Start Time	End Time	Total Hours	Remarks
45	21-02-2024	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	22-02-2024	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	23-02-2024	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	24-02-2024	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	25-02-2024	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	26-02-2024	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	27-02-2024	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	
<b>Total</b>				<b>99:45</b>	
<b>Total (Hrs)</b>				<b>99.75</b>	

			
<b>Site Incharge</b>	<b>TPIA</b>	<b>Junior Engineer</b>	<b>Assistant Engineer</b>
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	