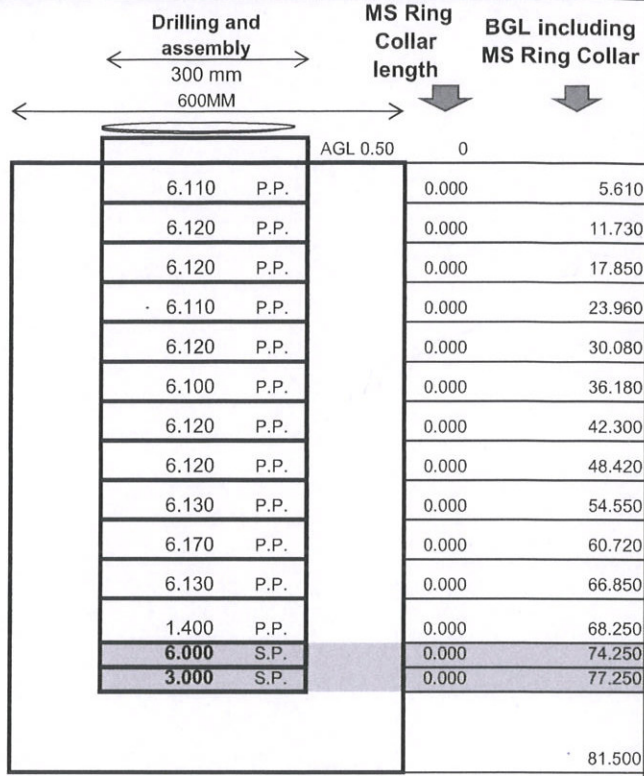


M/S VSAIPPL-SMC JV, Ghazipur (U.P)
Actual Strata Chart of SARAI MUBARAK VILLAGE WSS, BLOCK - MARDAH, GRAM PANCHAYAT - SARAI MUBARAK
Under Jal Jivan Mission, District- Ghazipur(U.P.)

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Clay
2	6	12	Clay Kankad
3	12	25	Kankad
4	25	32	Kankad with Very Fine Sand
5	32	66	Kankad
6	66	80	Kankad with Very Fine Sand
7	80	142	Clay Kankad
8	142	175	Kankad



Logging Report

6/5/2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	26	30	4	Good
2	68	79	11	Good

Note-
 1. All Zones intermixed with thin bands of kankar.
 2. The formation water is deteriorating from marginal to saline below 82 mbgl to till depth logged.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	900.000	LPM		
2	Clear Depth of bore 600mm	65	Mbgl	81.500	Mbgl
3	Clear Depth of bore 500mm	0	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	135	Mbgl	175.000	Mbgl
5	Plane pipe 300MM	60	m	68.750	m
6	Plane pipe 200MM	0	m	0.000	m
7	Plane pipe 150MM	78	m	0.000	m
8	Slotted pipe 300MM	0	m	9.000	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	42	m	0.000	m
12	Date of lowering			12/5/2023	

(.....) Company Repr. M/S VSAIPPL-SMC JV, Ghazipur (U.P)	(.....) 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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AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/Gct-17

Date : 07/05/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

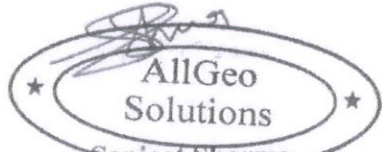
Site Name : Sarai Mubarak
Location : 25.761378, 83.613375
Block : Mardah
District : Ghazipur
State : Uttar Pradesh
Drilling Depth : 215 Mbgl (Reported by Driller)
Logging Depth : 175 Mbgl
Rm/Rw : 8.5/7.8
Date of Logging : 06-May-2023
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S VSAIPPL-SMC JV , Ghazipur, Uttar Pradesh
Representative : M/S Durga Engineering

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 (meters)	Quality Remarks (in term of Salinity)
1	26-30	4	Good
2	68-79	11	Good

Note: 1- All zones intermixed with thin bands of kankar.

2 - The formation water is deteriorating from marginal to saline below 82 Mbgl to till depth logged.


AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

Address: PNP-3, Software Technology Parks of India (STPI) Motilal Nehru National Institute of Technology Campus, Near Ganga Gate Teliarganj, Prayagraj 211004, Uttar Pradesh, India, **Email:** allgeosolutions@gmail.com, **Mobile:** +91-9452830062, 8840360108, **Web:** www.allgeos.co.in

अधीक्षण अभियन्ता,
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक - मरदह, ग्राम पंचायत - सराय मुबारक. जनपद गाजीपुर में 300x150 एम0एम0 व्यास साइज के 200/180 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 900 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 06.05.2023 को नलकूप के बोर की इलेक्ट्रिक लागिंग करायी गयी, जिसका विवरण निम्नानुसार है :-

Logging Report				PHYSICAL STRATA				
6/5/2023				S.No.	BGL in meter		Formation	
S.N.	Depth Range		Thickness		Remark	From		to
							1	0
1	26	30	4	Good	2	6	12	Clay Kankad
2	68	79	11	Good	3	12	25	Kankad
					4	25	32	Kankad with Very Fine Sand
					5	32	66	Kankad
					6	66	80	Kankad with Very Fine Sand
					7	80	142	Clay Kankad
					8	142	175	Kankad

Note-
1. All Zones intermixed with thin bands of kankar.
2. The formation water is deteriorating from marginal to saline below 82 mbgl to till depth logged.

अनुबन्ध में उपरोक्त नलकूप से 900 ली०प्र०मि० श्राव प्राप्त करने हेतु Enterance Velocity 0.015m/sec पर 42 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लागिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 9 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लागिंग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Aquifer Kankad with Very Fine Sand का है एवं लागिंग रिपोर्ट के अनुसार केवल 9 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 900 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 9 मीटर की लम्बाई में Enterance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 9 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 18.00 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 एक्यूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 77.25 मीटर गहरे नलकूप जिसमें 9 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लागिंग रिपोर्ट की छायाप्रति



M/s VSAIPPL-SMC JV
District Ghazipur

संगणक

जूनियर इंजीनियर
सहायक अभियन्ता
अधीक्षण अभियन्ता

अधीशासी अभियन्ता

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

For Construction of 175/77.25 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 SARAI MUBARAK 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 (175/77.25 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	65	210,708.89	81.5	264,196.54
4	500 MMØ	Rmt	2,717.19				
5	450 MMØ	Rmt	2,454.95	35	85,923.19	18.5	45,416.54
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	75	208,097.26
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	60	227,680.80	68.75	260,884.25
15	200 MMØ	Rmt	2,546.43				
16	150 MMØ	Rmt	1,897.34	78	147,992.52		
17	MSERW slotted pipe as per IS 8110						
18	150 MMØ	Rmt	2,796.08	42	117,435.36		
19	200 MMØ	Rmt	3,828.43				
20	300 MMØ	Rmt	5,181.33			9	46,631.93
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	77.75	36,621.78
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			77.25	37,799.51
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		
	Total Amount				1,379,181.79		1,088,056.66
	Say				1,379,182.00		1,088,057.00

Net Savings Amount Rs. 291,125.00
Net Savings In Percentage 21.11%



Company Rep.)
M/S VSAIPPL-SMC JV, Ghazipur

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



(Computer)


(Junior En
Ass. Engineer


Div. Accountant


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

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


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

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

Actual Strata Chart of SARAI MUBARAK VILLAGE WSS, BLOCK - MARDAH, GRAM PANCHAYAT - SARAI MUBARAK

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

PHYSICAL STRATA				Drilling and assembly 50mm 75MM	MS Ring Collar length	BGL including MS Ring Collar
S.No.	BGL in meter		Formation	AGL 0.50	0	
	From	to				
1	0	6	Clay			5.810
2	6	12	Clay Kankad			11.730
3	12	25	Kankad			17.850
4	25	32	Kankad with Very Fine Sand			23.960
5	32	66	Kankad			30.080
6	66	80	Kankad with Very Fine Sand			36.180
7	80	142	Clay Kankad			42.300
8	142	175	Kankad			48.420
						54.550
						60.720
						66.850
						68.250
						74.250
						77.250
						81.500

Logging Report



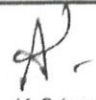
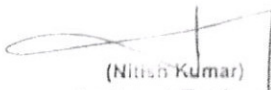

6/5/2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	26	30	4	Good
2	68	79	11	Good

Note-

- All Zones intermixed with thin bands of kankar.
- The formation water is deteriorating from marginal to saline below 82 mbgl to till depth logged.

DETAILS		AS PER DPR	ACTUAL
1	Proposed Discharge	900.000 LPM	
2	Clear Depth of bore 600mm	65 Mbgl	81.500 Mbgl
3	Clear Depth of bore 500mm	0 Mbgl	0.000 Mbgl
4	Clear Depth of bore 450mm	135 Mbgl	175.000 Mbgl
5	Plane pipe 300MM	60 m	68.750 m
6	Plane pipe 200MM	0 m	0.000 m
7	Plane pipe 150MM	78 m	0.000 m
8	Slotted pipe 300MM	0 m	0.000 m
9	Slotted pipe 200MM	0 m	0.000 m
10	Slotted pipe 150MM	42 m	0.000 m
11	Date of lowering		12/5/2023

 Company Repr. M/S VSAIPPL-SMC JV, Ghazipur (U.P)	 TPIA Medha 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

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

ESTIMATE FOR
SARAI MUBARAK VILLAGE WATER SUPPLY SCHEME
UNDER - SWSM

BLOCK- MARDAH, 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/DTH 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					1	1,56,378	Job	1,56,378	
1.2	DC/RC Drilling up to 100Mtr.									
1.2.1	600 MMØ	1	65			65	3,246	Rmt	2,11,004	
1.2.2	450 MMØ	1	35			35	2,458	Rmt	86,044	
1.3	DC/RC Drilling from 100 MT. To 200 Mtr.Deep									
1.3.1	450 MMØ	1	100			100	2,779	Rmt	2,77,852	
1.4	DC/RC Drilling from 200 MT. To 300 Mtr.Deep									
1.4.1	450 MMØ	1	0			0	3,163	Rmt	-	
1.5	DC/RC Drilling from 300 MT. To 400 Mtr.Deep									
1.5.1	450 MMØ	1	0			0	3,708	Rmt	-	
1.6	DTH Drilling upto 200.0 Mtr.Deep - 165/200 MMØ (in over burden/Hard Rock).	1	0			0	1,250	Rmt	-	
1.7	Development / Flushing of tubewell					0	2,900	Hrs	-	
1.8	Tube Well Assembly									
1.8.1	MSERW plane pipe									
1.8.1	300 MMØ					60	3,800	Rmt	2,28,000	
1.8.2	150 MMØ					78	1,900	Rmt	1,48,200	
1.9	MSERW Pipe slotted pipe as per IS 8110									
1.9.1	150 MMØ					42	2,800	Rmt	1,17,600	
1.9.2	MS Borewell cap fixture including fitting charges					1	2,000	Nos	2,000	
1.9.3	MS fittings such as clamp, bull plug, reducer, well cap, girder & support structure					1	32,295	Job	32,295	
1.9.4	MS fittings such as ring & centre guide					180	472	Rmt	84,902	

SARAI MUBARAK

Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.							As per RFP	
2.0	Lowering up to 100 Mtr. Deep							
2.1	300 MMØ MSERW Plane/Slotted Pipe	60	490	Rmt		29,400		
2.1.1	150 MMØ MSERW Plane/Slotted Pipe	40	386	Rmt		15,440		
2.2	Lowering from 100 Mtr. To 200 Mtr. Deep							
2.2.1	150 MMØ MSERW Plane/Slotted Pipe	80	443	Rmt		35,440		
2.3	Lowering from 200 Mtr. To 300 Mtr. Deep							
2.3.1	150 MMØ MSERW Plane/Slotted Pipe	0	570.35	Rmt		-		
2.4	Lowering from 300 Mtr. To 400 Mtr. Deep							
2.4.1	150 MMØ MSERW Plane/Slotted Pipe	0	443	Rmt		-		
2.5	Supplying and unconsolidated packing of gravel with suitable size	51.0	7,500	Cum		3,82,350	As per RFP	
3.0	Development of Tube well						As per RFP	
3.1	Transportation, Installation Dismantling of 400 PSI Compressor	1	92,152	Job		92,152		
3.2	Charges for Development by 400 PSI Compressor per hour	40	3,272	Hrs		1,30,874		
3.3	Transportation, Installation Dismantling of 1 Cusec OP Unit and Yield test, water test	1	1,05,237	Job		1,05,237		
3.4	Charges for Development of TW by 1 Cusec OP Unit	70	994	Hr.		69,610		
	Total					22,04,778		
	Total cost for 1 tubewell						22,04,778	
	Total cost for 1 tubewells						22,04,778	
	Total cost (In Lacs)						22.05	

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 Saraimubarak GP (Zone-1, TW-1) Tubewell under Saraimubarak WSS, Block-Mardha Development By 250 PSI Air Compressor

Size of tube well (mm): 300 X 300

RPM 1400

Static water level (m): 8.30

Discharge by-90 'V' notch (Rectangular)

Date of testing 18-07-2023

Required Discharge- 900 LPM

S. N.	Pressure in kg/cm ²		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 kg/cm ²	In mtr.		Inch	LPM	At start	After 5 min	After 10 min	After 15 min	After 20 min
1	6.20	5.30	0.90	9.00	72.00	8 1/2	1793	6400	3500	3300	3100	3000
2	5.90	5.30	0.60	6.00	69.00	6 1/2	917	5000	2800	2600	2400	2300

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



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

(Signature)

(.....)
TPIA

Medhaj Techno Concept Pvt.
Ltd., Ghazipur

(Signature)
(Nitish Kumar)
Assistant Engineer

Junior Engineer

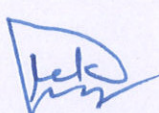
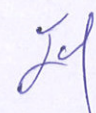
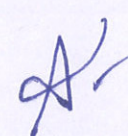
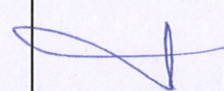
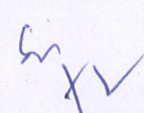
Division Office (E&M), U.P. Jal Nigam(Rural), Varanasi

(Signature)
(Adarsh Verma)
Executive Engineer

Executive Engineer

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	SARAI MUBARAK WSS	Compressor unit	As per DPR:	40	
GP	SARAI MUBARAK	Hours	As per Site:	48:00	
Lowering Depth(mtr):	77.250	Cumm			
Lowering Date :	12-May-23	Gravel(cumt)	As per DPR:	51	
		Cumm			
		Gravel(cumt)	As per Site:	43.69	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	10-Jul-23	9:10 AM	10:30 AM	1:20	
2		11:10 AM	12:36 PM	1:26	
3		2:10 PM	3:39 PM	1:29	
4		4:05 PM	5:24 PM	1:19	
5	11-Jul-23	8:00 AM	9:24 AM	1:24	
6		10:10 AM	11:40 AM	1:30	
7		1:30 PM	2:50 PM	1:20	
8		3:20 PM	4:26 PM	1:06	
9	12-Jul-23	7:19 AM	8:20 AM	1:01	
10		10:00 AM	11:00 AM	1:00	
11		12:00 PM	1:10 PM	1:10	
12		2:00 PM	3:30 PM	1:30	
13		4:00 PM	5:10 PM	1:10	
14	13-Jul-23	8:29 AM	9:33 AM	1:04	
15		10:00 AM	11:20 AM	1:20	
16		1:00 PM	2:30 PM	1:30	
17		4:20 PM	5:50 PM	1:30	
18	14-Jul-23	9:00 AM	10:20 AM	1:20	
19		11:00 AM	12:26 PM	1:26	
20		2:00 PM	3:29 PM	1:29	
21		4:00 PM	5:20 PM	1:20	
22	15-Jul-23	10:00 AM	11:10 AM	1:10	
23		12:00 PM	12:50 PM	0:50	
24		1:30 PM	2:40 PM	1:10	
25		3:00 PM	4:16 PM	1:16	

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	SARAI MUBARAK WSS	Compressor unit	As per DPR:	40	
GP	SARAI MUBARAK	Hours	As per Site:	48:00	
Lowering Depth(mtr):	77.250	Cumm			
Lowering Date :	12-May-23	Gravel(cumt)	As per DPR:	51	
		Cumm			
		Gravel(cumt)	As per Site:	43.69	
SI No	Date	Start Time	End Time	Total Hours	Remarks
26		5:00 PM	6:29 PM	1:29	
27	16-Jul-23	8:00 AM	9:14 AM	1:14	
28		10:10 AM	11:40 AM	1:30	
29		1:30 PM	2:50 PM	1:20	
30		3:20 PM	4:26 PM	1:06	
31		9:20 AM	10:30 AM	1:10	
32	17-Jul-23	11:05 AM	12:00 PM	0:55	
33		2:10 PM	3:30 PM	1:20	
35	18-Jul-23	9:00 AM	10:10 AM	1:10	
36		11:00 AM	12:22 PM	1:22	
37		2:00 PM	3:29 PM	1:29	
38		4:00 PM	5:10 PM	1:10	
39		6:29 PM	7:04 PM	0:35	
			Total	48:00	
Note	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 hrs is 40hr. But in logsheet working hrs is 48hr so clarification is required. ~~we~~ approved hrs is 40hr.

Jap