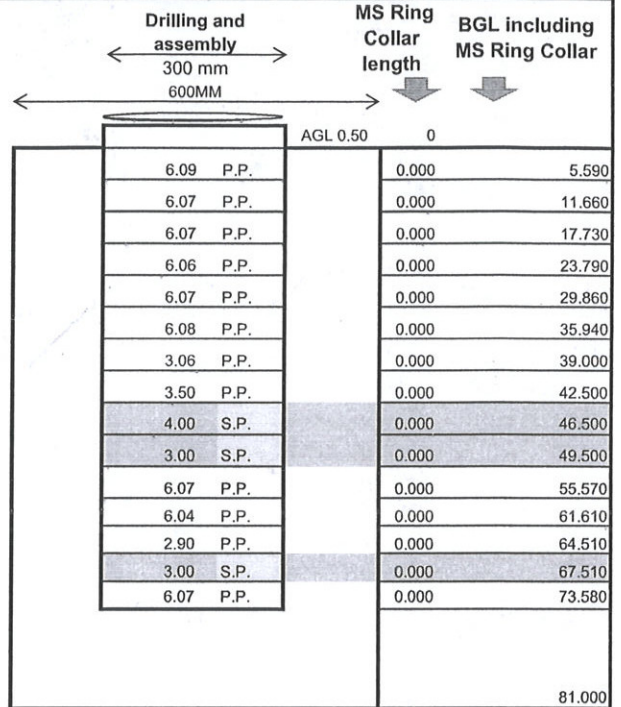


M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of BARACHAWAR REORGANISATION WSS, BLOCK -BARACHAWAR, ZONE 4, GRAM PANCHAYAT - GOPALPUR

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

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Clay
2	6	18	Clay Kankad
3	18	32	Very Fine Sand with Kankad
4	32	40	Kankad Clay
5	40	52	Very Fine Sand with Kankad
6	52	62	Kankad Clay
7	62	76	Fine Sand with Kankad
8	76	102	Clay Kankad
9	102	144	Kankad With very fine Sand
10	144	174	Kankad Clay
11	174	183	Fine Sand with Kankad



Logging

Date-28.06.2023


S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	20	31	11	Good
2	42	50	8	Good
3	64	68	4	Good
4	71	74	3	Good
5	131	134	3	Moderate to Marginal
6	139	142	3	Moderate to Marginal
7	175	178	3	Moderate to Marginal

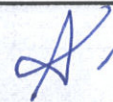
Note -

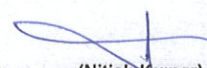
1. The water quality for these zones is given as per our logger's response and calibration.
2. Clay kankar intercalations present from 83m to 96m & 144m to 170m bgm.
3. Zone 5 & 6 may have persence of find sediments.

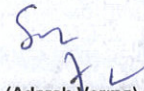
DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	510.00	LPM		
2	Cear Depth of bore 600mm	0.00	Mbgl	81.000	Mbgl
3	Cear Depth of bore 500mm	65.00	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	360.00	Mbgl	183.000	Mbgl
5	Plane pipe 300MM	0.00	m	64.080	m
6	Plane pipe 200MM	60.00	m	0.000	m
7	Plane pipe 150MM	252.00	m	0.000	m
8	Slotted pipe 300MM	0.00	m	10.000	m
9	Slotted pipe 200MM	0.00	m	0.000	m
10	Slotted pipe 150MM	18.00	m	0.000	m
11	Date of lowering			13.07.2023	


Company Repre.
 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



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 708 - J/ AX - 2023

Date 08.07.2023

Geophysical Borehole Logging Report

Name of the site : Jalalabad Zone 1 A, Block - Jakhaniya

District : Ghazipur

Date : 08.07.2023

Depth logged : 130.0 mbgl

Depth drilled : 130.0 mbgl - as reported

Logger used : UPTRON make

Presence : Representative of M/S Vikran Engineering & Exim Pvt. Ltd., Ghazipur

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	26.0-34.0	8.0	Good (1,2)
2	78.0-93.0	15.0	
3	97.0-102.0	5.0	Moderate (3)

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 44.0 to 72.0 mbgl & further below 115.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Vikran Engineering & Exim Pvt. Ltd., Ghazipur

Geophysical Well Logging Report

SOILTECH
(INDIA) PRIVATE LIMITED
GROUND ENGINEERS & CONSULTANTS

Bore Well 2-4

Reference No: SIPL/ELOG/2023/120

Company: VSAIPPL--SMC JV	Report Date: 28th June 2023
GP: GOPALPUR	Logging Date: 28 Jun 23
Block: BARACHAWAR	Drilled Depth: 220 m (As informed by Driller)
District: Ghazipur State: Uttar Pradesh	Logged Depth: 183 m
Log Measured From: Ground Level / Plate	Resistivity
East / Long: 83.79601 North / Lat: 25.679486	Mud-Rm (Ωm) 20.2 Water Rw (Ωm) 19.8

REPORT

Based on the interpretation of Geophysical Logging Record Parameter of Self Potential (SP), Long Normal (N-64), Short Normal (N-16), Natural Gamma and single point Resistance (SPR) log data, the given borehole formation Granular zone deciphered with respect of salinity and Resistivity.

Proposed
Q = 5.10 LPM
200 X 150
60 + 252 + 18
Actual

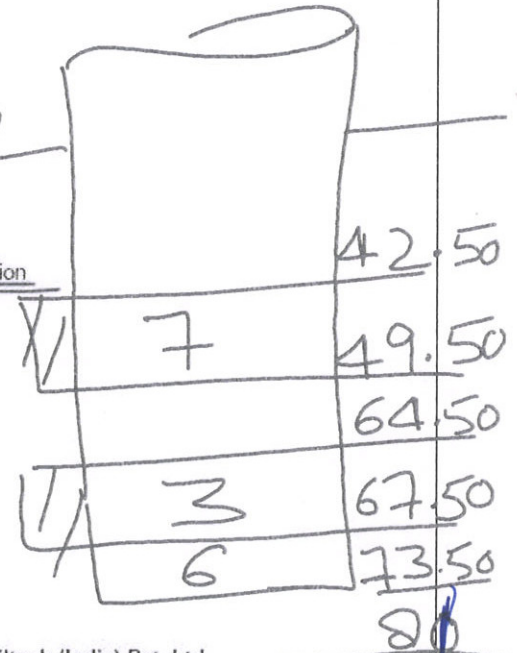
Sr. No.	Depth Range (BGL)		Thickness (M)	Quality of aquifer water
	From (m)	To (m)		
1	20	31	13	Good
2	42	50	8 - 7	Good
3	64	68	4 - 3	Good
4	71	74	3	Good
5	131	134	3	Moderate to Marginal
6	139	142	3	Moderate to Marginal
6	175	179	4	Moderate to Marginal

300 X 300

- Notes:
- The water quality for these zones is given as per our logger's response and calibration
 - Clay kankar Inter-calations present from 83m to 96m and 144m to 170 m BGL
 - Zone 5 and 6 may have presence of fine sediments

Verified as per logs provided

Gish
28/06/23



for Soiltech (India) Pvt. Ltd

for:

अधीक्षण अभियन्ता,
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक- बाराचावर, जोन 4, ग्राम पंचायत - गोपालपुर. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 360/330 मीटर गहरे नलकूप का निर्माण किया जाना है एवं उक्त नलकूप से 510 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 28.06.2023 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
					From	to		
1	20	31	11	Good				
2	42	50	8	Good	1	0	6	Clay
3	64	68	4	Good	2	6	18	Clay Kankad
4	71	74	3	Good	3	18	32	Very Fine Sand with Kankad
5	131	134	3	Moderate to Marginal	4	32	40	Kankad Clay
6	139	142	3	Moderate to Marginal	5	40	52	Very Fine Sand with Kankad
7	175	178	3	Moderate to Marginal	6	52	62	Kankad Clay
Note - 1. The water quality for these zones is given as per our logger's response and calibration. 2. Clay kankar intercalations present from 83m to 96m & 144m to 170m bgm. 3. Zone 5 & 6 may have persence of find sediments.					7	62	76	Fine Sand with Kankad
					8	76	102	Clay Kankad
					9	102	144	Kankad With very fine Sand
					10	144	174	Kankad Clay
					11	174	183	Fine Sand with Kankad

अनुबन्ध में उपरोक्त नलकूप से 510 ली०प्र०मि० श्राव प्राप्त करने हेतु Enterance Velocity 0.015m/sec पर 18 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लागिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 10 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, Fine sand with kankad का है एवं लागिंग रिपोर्ट के अनुसार केवल 10 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 510 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 10 मीटर की लम्बाई में Enterance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 10 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 20.00 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 73.50 मीटर गहरे नलकूप जिसमें 10 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लागिंग रिपोर्ट की छायाप्रति



संगणक

जूनियर इंजीनियर

सहायक अभियन्ता

अधिशायी अभियन्ता

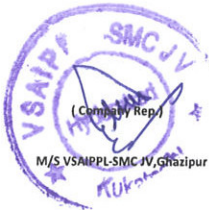
अधीक्षण अभियन्ता

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

For Construction of 183/73.58 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 - Barachawar, Zone 4, Gram Panchayat - Gopalpur 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 (183/73.58 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		-	81	262,575.70
4	500 MMØ	Rmt	2,717.19	65	176,617.39		-
5	450 MMØ	Rmt	2,454.95	35	85,923.19	19	46,644.02
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	83	230,294.30
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		-	64.08	243,163.09
15	200 MMØ	Rmt	2,546.43	60	152,785.80		-
16	150 MMØ	Rmt	1,897.34	252	478,129.68		-
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		-	10	51,813.26
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	74.08	34,893.14
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		-	73.58	36,003.72
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	100	44,237.98		-
31	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.97		-		-
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		-
	Total Amount				2,266,867.23		1,093,796.08
	Say				2,266,867.00		1,093,796.00

Net Savings Amount Rs. 1,173,071.00
Net Savings In Percentage 51.75%



M/S VSAIPL-SMC JV, Ghazipur

(PPIA Rep.)

Mehraj 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), UPJN, Vns

अधीक्षण अभियन्ता
मण्डल कार्यालय (वि०/सॉ०)
उ०प्र० जल निगम (ग्रामीण)
वाराणसी।

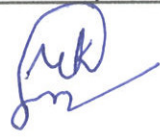

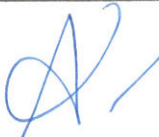

**ESTIMATE FOR
GOPALPUR GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- VARACHAWAR, DISTRICT- GHAZIPUR
Estimate of Cost of Tubewell construction**

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	500 MMØ					65	2,721	Rmt	1,76,865	
1.2.2	450 MMØ					35	2,458	Rmt	86,044	
1.3	DC/RC Drilling from 101 Mtr. To 200 Mtr. Deep									
1.3.1	450 MMØ					100	2,779	Rmt	2,77,852	
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					100	3,163	Rmt	3,16,342	
1.5	DC/RC Drilling from 301 Mtr. To 400 Mtr. Deep & above									
1.5.1	450 MMØ					60	3,708	Rmt	2,22,497	
1.4	Tube Well Assembly									
1.4	MSERW plain pipe, As per IS 4270									
1.4.1	200 MMØ					60	2,550	Rmt	1,53,000	
1.4.2	150 MMØ					252	1,900	Rmt	4,78,800	
1.5	MSERW Pipe slotted pipe as per IS 8110									
1.5.1	200 MMØ					0	3,834	Rmt	-	
1.5.2	150 MMØ					18	2,800	Rmt	50,400	
1.5.2	MS fittings such as clamp, bail plug, reducer, well cap, ginder & support structure					1	32,295	LS	32,295	
1.5.3	MS fittings such as ring & centre guide					330	472	Rmt	1,55,654	
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 in 100 Mtr. Deep									
2.1.1	200 MMØ MSERW Plain/Slotted Pipe					60	390	Rmt	23,400	
2.1.2	150 MMØ MSERW Plain/Slotted Pipe					40	386	Rmt	15,440	
2.2	Lowering from 101 Mtr. To 200 Mtr. Deep									
2.2.1	150 MMØ MSERW Plain/Slotted Pipe					100	443	Rmt	44,300	
2.3	Lowering from 201 Mtr. To 300 Mtr. Deep									
2.3.1	150 MMØ MSERW Plain/Slotted Pipe					100	570	Rmt	57,035	
2.4	Lowering from 301 Mtr. To 400 Mtr. Deep & above									
2.4.1	150 MMØ MSERW Plain/Slotted Pipe					30	427	Rmt	12,796	
2.5	Supplying and unconsolidated packing of gravel with suitable size					80.00	7,500	Cum	6,00,000	As per RFP.
3.0	Development of Tube well									As per RFP
3.1	Transportation, Installation Dismantling of 250/400/600 PSI Compressor					1	92,152	Job	92,152	
3.2	Charges for Development by 600 PSI Compressor per hour					60	4,214	Hrs	2,52,831	
3.3	Transportation, Installation Dismantling of 1/3 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					100	994	Hr	99,443	
	Total								34,08,761	
								₹ (In Lacs)	34.09	

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

Block:	BARACHAWAR	Op unit Capacity	As per DPR: As per Site:	1 cusec 1 cusec	
Scheme	BARACHAWAR REORGANISATION WSS	Op unit Hours	As per DPR: As per Site:	100 99.56 Hrs	
GP	GOPALPUR Z-4,				
REQUIRED DISCHARGE	510	Compressor Testing Date :		22-07-2023	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	30-01-2024	08:10:00	09:54:00	1:44	
2		10:13:00	11:56:00	1:43	
3		12:25:00	13:40:00	1:15	
4		14:43:00	16:16:00	1:33	
5		17:03:00	18:41:00	1:38	
6		19:41:00	21:30:00	1:49	
7		22:12:00	23:30:00	1:18	
8	31-01-2024	00:12:00	01:45:00	1:33	
9		08:02:00	09:56:00	1:54	
10		10:12:00	11:38:00	1:26	
11		12:23:00	13:40:00	1:17	
12		14:43:00	16:12:00	1:29	
13		17:10:00	18:51:00	1:41	
14		19:41:00	21:30:00	1:49	
15	22:02:00	23:45:00	1:43		
16	01-02-2024	00:15:00	01:45:00	1:30	
17		08:25:00	09:56:00	1:31	
18		10:28:00	11:54:00	1:26	
19		12:20:00	13:58:00	1:38	
20		15:48:00	17:18:00	1:30	
21		18:07:00	19:28:00	1:21	
22		19:40:00	21:30:00	1:50	
23	02-02-2024	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		14:46:00	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	03-02-2024	00:12:00	01:45:00	1:33	
31		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		19:40:00	20:33:00	0:53	
37	04-02-2024	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		18:02:00	19:12:00	1:10	
42		19:40:00	20:30:00	0:50	
43	05-02-2024	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		15:56:00	17:18:00	1:22	
47		18:08:00	19:10:00	1:02	
48		19:40:00	20:34:00	0:54	

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

Block:	BARACHAWAR		Op unit Capacity	As per DPR:	1 cusec
				As per Site:	1 cusec
Scheme	BARACHAWAR REORGANISATION WSS		Op unit Hours	As per DPR:	100
GP	GOPALPUR Z-4,			As per Site:	99.56 Hrs
REQUIRED DISCHARGE	510		Compressor Testing Date :		22-07-2023
SI No	Date	Start Time	End Time	Total Hours	Remarks
49	06-02-2024	08:55:00	10:16:00	1:21	
50		10:44:00	11:55:00	1:11	
51		12:40:00	13:50:00	1:10	
52		15:57:00	17:26:00	1:29	
53		18:12:00	19:20:00	1:08	
54		19:40:00	21:10:00	1:30	
55	07-02-2024	08:47:00	10:10:00	1:23	
56		10:44:00	11:50:00	1:06	
57		12:50:00	14:20:00	1:30	
58		15:46:00	17:16:00	1:30	
59		18:02:00	19:11:00	1:09	
60		19:50:00	21:12:00	1:22	
61	08-02-2024	08:35:00	10:05:00	1:30	
62		10:44:00	11:53:00	1:09	
63		12:42:00	14:12:00	1:30	
64		15:46:00	17:16:00	1:30	
65		18:19:00	19:20:00	1:01	
66		19:40:00	21:00:00	1:20	
67	09-02-2024	08:35:00	10:05:00	1:30	
68		10:44:00	11:55:00	1:11	
69		12:42:00	14:12:00	1:30	
70		15:46:00	17:17:00	1:31	
71	10-02-2024	18:12:00	19:20:00	1:08	
72		08:35:00	10:05:00	1:30	
73		10:48:00	12:55:00	2:07	
			Total	99:34	
			Total (Hrs)	99.56 Hrs	
					
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.)

Test Report of Gopalpur GP (Zone-4) Tubewell under Barachawar WSS, Block-Barachawar Development By 250 PSI Air Compressor

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

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

Depth of TW (m): 73.580 Required Discharge- 510 Date of testing 22-07-2023

S. N.	Pressure in kg/cm ²		Depression		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	5.40	4.70	0.70	7.00	7	1104	6100	3400	3200	3000	2900
2	3.20	2.70	0.50	5.00	6 1/4	831	4800	2700	2500	2300	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

(Signature)

(Abhishek Srivastava)
Junior Engineer

(Signature)

(Nitish Kumar)
Assistant Engineer

(Signature)

(Adarsh Verma)
Executive Engineer

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




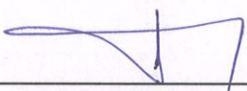
M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Block:	BARACHAWAR	Compressor unit Capacity	As per DPR:	600 PSI	
Scheme	BARACHAWAR REORGANISATION	Compressor unit Hours	As per Site:	250 PSI	
GP	Gopalpur,ZONE 4		As per DPR:	60	
Lowering Depth(mtr):	73.580		As per Site:	57.83 Hrs	
Lowering Date :	13.07.2023	Cumm Gravel(cumt)	As per DPR:	80.00	
		Cumm Gravel(cumt)	As per Site:	52.86	
SI No	Date	Start Time	End Time	Total Hours	Remarks
1	14-Jul-23	7:29 AM	8:50 AM	1:21	
2		10:10 AM	11:25 AM	1:15	
3		12:00 PM	1:21 PM	1:21	
4		2:00 PM	3:30 PM	1:30	
5		4:00 PM	5:20 PM	1:20	
6	15-Jul-23	8:29 AM	9:54 AM	1:25	
7		10:00 AM	11:15 AM	1:15	
8		1:00 PM	2:30 PM	1:30	
9		4:20 PM	5:50 PM	1:30	
10		6:00 PM	7:30 PM	1:30	
11	16-Jul-23	9:00 AM	10:20 AM	1:20	
12		11:00 AM	12:26 PM	1:26	
13		2:00 PM	3:30 PM	1:30	
14		4:00 PM	5:20 PM	1:20	
15		6:29 PM	7:34 PM	1:05	
16	17-Jul-23	10:00 AM	11:10 AM	1:10	
17		12:00 PM	12:50 PM	0:50	
18		1:30 PM	2:30 PM	1:00	
19		3:00 PM	4:26 PM	1:26	
20		5:00 PM	6:30 PM	1:30	
21	18-Jul-23	8:00 AM	9:14 AM	1:14	
22		10:10 AM	11:20 AM	1:10	
23		1:30 PM	2:10 PM	0:40	
24		3:20 PM	4:26 PM	1:06	
25		5:30 PM	7:00 PM	1:30	
26	19-Jul-23	8:00 AM	9:14 AM	1:14	
27		10:10 AM	11:30 AM	1:20	
28		1:30 PM	2:30 PM	1:00	
29		3:20 PM	4:46 PM	1:26	
30		5:30 PM	6:31 PM	1:01	

Jp

[Signature]

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

Block:		BARACHAWAR	Compressor unit Capacity	As per DPR:	600 PSI
Scheme		BARACHAWAR REORGANISATION	Compressor unit Hours	As per Site:	250 PSI
GP		WSS		As per DPR:	60
Lowering Depth(mtr):		73.580	Cumm Gravel(cumt)	As per Site:	57.83 Hrs
Lowering Date :		13.07.2023		As per DPR:	80.00
			Cumm Gravel(cumt)	As per Site:	52.86
SI No	Date	Start Time	End Time	Total Hours	Remarks
31	20-Jul-23	9:00 AM	10:10 AM	1:10	
32		11:00 AM	12:06 PM	1:06	
33		2:00 PM	3:00 PM	1:00	
34		4:00 PM	5:10 PM	1:10	
35		6:29 PM	7:34 PM	1:05	
36	21-Jul-23	9:00 AM	10:10 AM	1:10	
37		11:00 AM	12:33 PM	1:33	
38		2:00 PM	3:30 PM	1:30	
39		4:00 PM	5:30 PM	1:30	
40		6:29 PM	7:54 PM	1:25	
41	22-Jul-23	8:00 AM	9:24 AM	1:24	
42		10:10 AM	11:34 AM	1:24	
43		1:30 PM	2:50 PM	1:20	
44		3:20 PM	4:46 PM	1:26	
45		5:30 PM	6:52 PM	1:22	
			Total	57:50	
			Total(Hrs)	57.83 Hrs	
					
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		