

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : SADHAURA (Part)

DISTRICT : YAMUNA NAGAR

YEAR : 2024-2025

*Towards partial fulfilment of requirements for Disbursement of
Incentive under DLI -1*

HYDROGEOLOGICAL REPORT

(YEAR: 2024-25)

STATE	:	HARYANA
DISTRICT	:	YAMUNA NAGAR
BLOCK/TALUK	:	SADHAURA (Part)
BLOCK/TALUK HQs	:	SADHAURA (Part)

A	GENERAL INFORMATION				
1.	Geographical area (Ha)	:	14685		
2.	No. of Gram Panchayats	:	43		
3.	No. of towns	:	1		
4.	No. of villages	:	62		
5.	Population (2011)	:	Male	Female	Total
			31560	29684	61244
6.	Rainfall (mm)(2021)	:	Monsoon	Non-monsoon	Annual
			1052	432	1485
7.	River basin	:	Ghaggar river basin		
8.	Major soil types	:	Loamy Sand		

B	LAND USE (2023-24)				
1.	Forest area (Ha)	:	1435.9		
2.	Cultivable area (Ha)	:	11144.39		
3.	Net sown area (Ha)	:	10725.97		
4.	Gross cropped area (Ha)	:	9311.28		

C	CROPPING PATTERN (As in 2023-24)					
1.	Major crops grown	:	Kharif	Rabi	Summer	Perennial
			Paddy	Wheat	Pulses	Polar
			Maize	Mustard	Tomato	
			Sugarcane	Sugarcane	Vegetable	
			Vegetable	Oilseeds		

D	IRRIGATION FACILITIES (As in 2023-24)						
1.	Net irrigated area (Ha)	:	9213.57				
2.	Gross irrigated area (Ha)	:	11120.79				
3.	Area under irrigation (Ha) (Source- wise)	:	DW	BW/TW	Tanks/Ponds	Canals	Others
			-	9213.57	-	-	-

E	GEOLOGY & HYDROGEOLOGY				
1.	Predominant rocktype	:	Sandstone, Shale, Sand, Silt, Clay and Kankar		
2.	Major geological formations	:	Shivalik formation, Older and Newer Alluvium		
3.	Important water-bearing formations	:	Coarse grain sand		
4.	Status of coverage under NAQUIM	:	Covered		

F	GROUND WATER CONDITIONS										
1	No. of wells used for Water Level (WL) monitoring.	:	Open wells				BW/TW/ PZ				
		CGWB	SGWB	Atal Jal	Total	CGWB	SGWB	Atal Jal	Total		
		1	2	1	4	1	6	62	69		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		2	5	44	0	3	19	0	3	19	
3	Monitoring frequency	:	Agency	No. of times monitored/year							
		CGWB	2 times/year Pre and Post Monsoon								
		SGWB	2 times/year Pre and Post Monsoon								
		Atal Jal	2 times/year Pre and Post Monsoon								
4	Period of water level data availability.	:	Agency	Period of WL data availability (From - To)							
			From (year)			To (year)					
		CGWB	2015			2024					
		SGWB	2015			2024					
		Atal Jal	2023			2024					
5	Water level range (m.bgl)	:	Minimum/Village				Maximum/Village				
	Pre-monsoon (May – June 2024)		3.25/Sarawan_33582				43.27/Naya Goan_33565				
	Post-monsoon (Oct/Nov 2024)		1.45/Sadhoura				40.61/Sabha Pur_33574				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-5.53/Peerbholi_33569				6.85/Naya Goan_33565					

G	GROUND WATER QUALITY								
1	No. of wells used for Water Quality (WQ) monitoring.	Open Wells				BW/TW/ PZ			
		CGWB	SGWB	Atal Jal	Total	CGWB	SGWB	Atal Jal	Total
		0	2	0	2	3	6	42	51
2	Monitoring frequency	Agency	No. of times monitored/year						
		CGWB	1 time/year						
		SGWB	1 time/year						
		Atal Jal	1 time/year						
3	Period of water quality data availability	Agency	Period of WQ data availability (Years)						
		CGWB	2015 to 2024						
		SGWB	2020 to 2024						
		Atal Jal	2023 to 2024						
4	Parameters analysed	Agency	Parameters Analysed						
		CGWB	pH,EC,TH,Ca,Mg,Na,K,CO ₃ ,HCO ₃ ,SO ₄ ,Cl,F,NO ₃						
		SGWB	EC						
		Atal Jal	pH,EC,TDS,TH,Ca,Mg,Na,K,CO ₃ ,HCO ₃ ,SO ₄ ,Cl,F,NO ₃						
5	Known ground water quality issues, if any	No Such Issue							

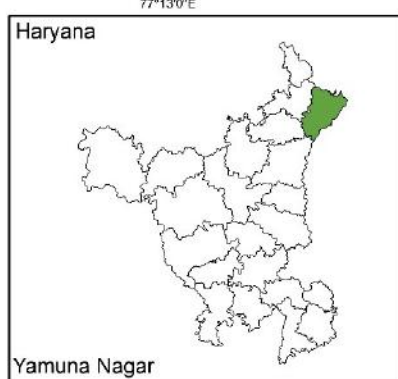
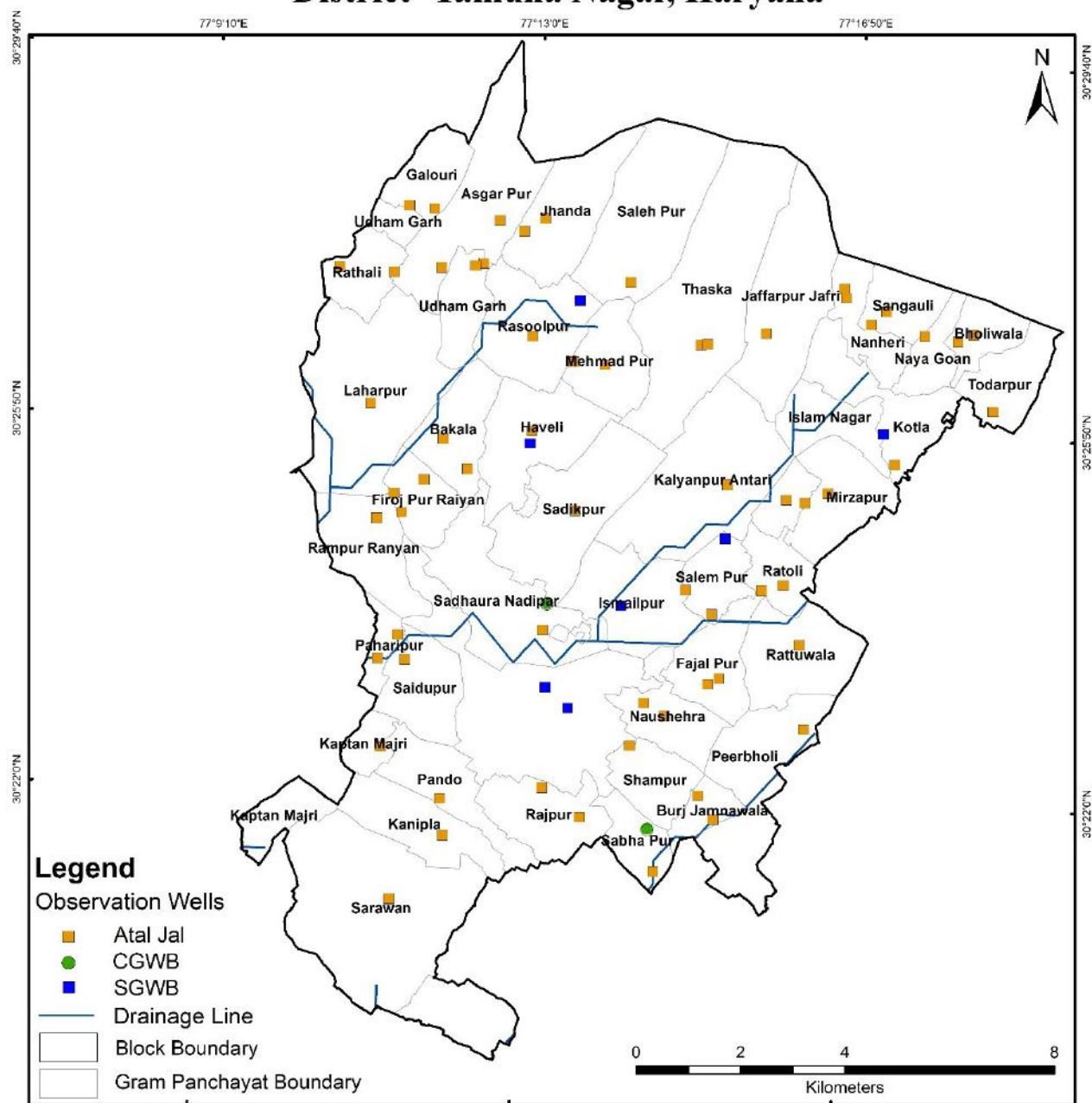
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	57192.7					
4.	Current annual GW extraction (ha.m)	:	79228.0					
5.	Net GW availability for future use (ha.m)	:	3456.8					
6.	Stage of GW extraction (%)	:	145.01 %					
7.	Category of block/taluk/(2023)	:	Over Exploited					
8.	Category of block/taluk/ in previous assessments		2023	2020	2017	2013	2011	2009
			Over Exploited	Critical	Semi-Critical	Over Exploited	Over Exploited	Over Exploited

I. WATER-RELATED SCHEMES				
1.	Schemes with a bearing on ground water, being implemented in the block / taluk.			
	Centrally Sponsored /Central Sector Schemes	i)	PMKSY	
		ii)	MGNREGA	
		iii)	JJM	
		iv)	RKVY	
	State Schemes	i)	State Plan Scheme for providing assistance on adopting water saving technologies (2402)	
		ii)	MPMV	

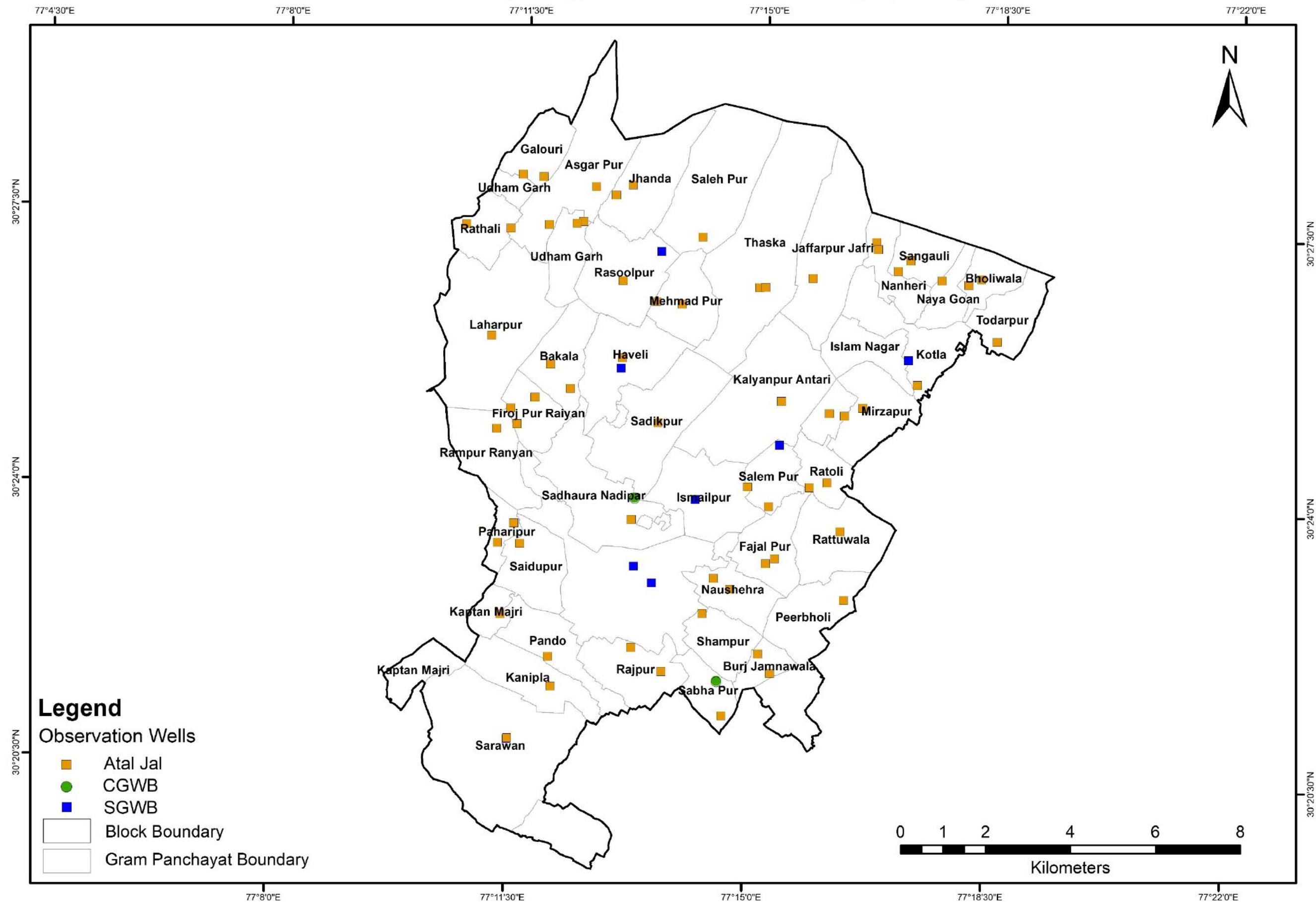
J. GROUND WATER RELATED ISSUES			
1.	Ground water related issues of the block		
	i) Issues related to GW availability	:	No such issue
	ii) Issues related to GW quality	:	The ground water is alkaline in nature and is of low to medium salinity.
	iii) Other issues if any.	:	No

K. ANNEXURES	
I.	Basic data of observation wells – Attached
II.	Historical water level data – Attached
III.	Historical water quality data – Attached

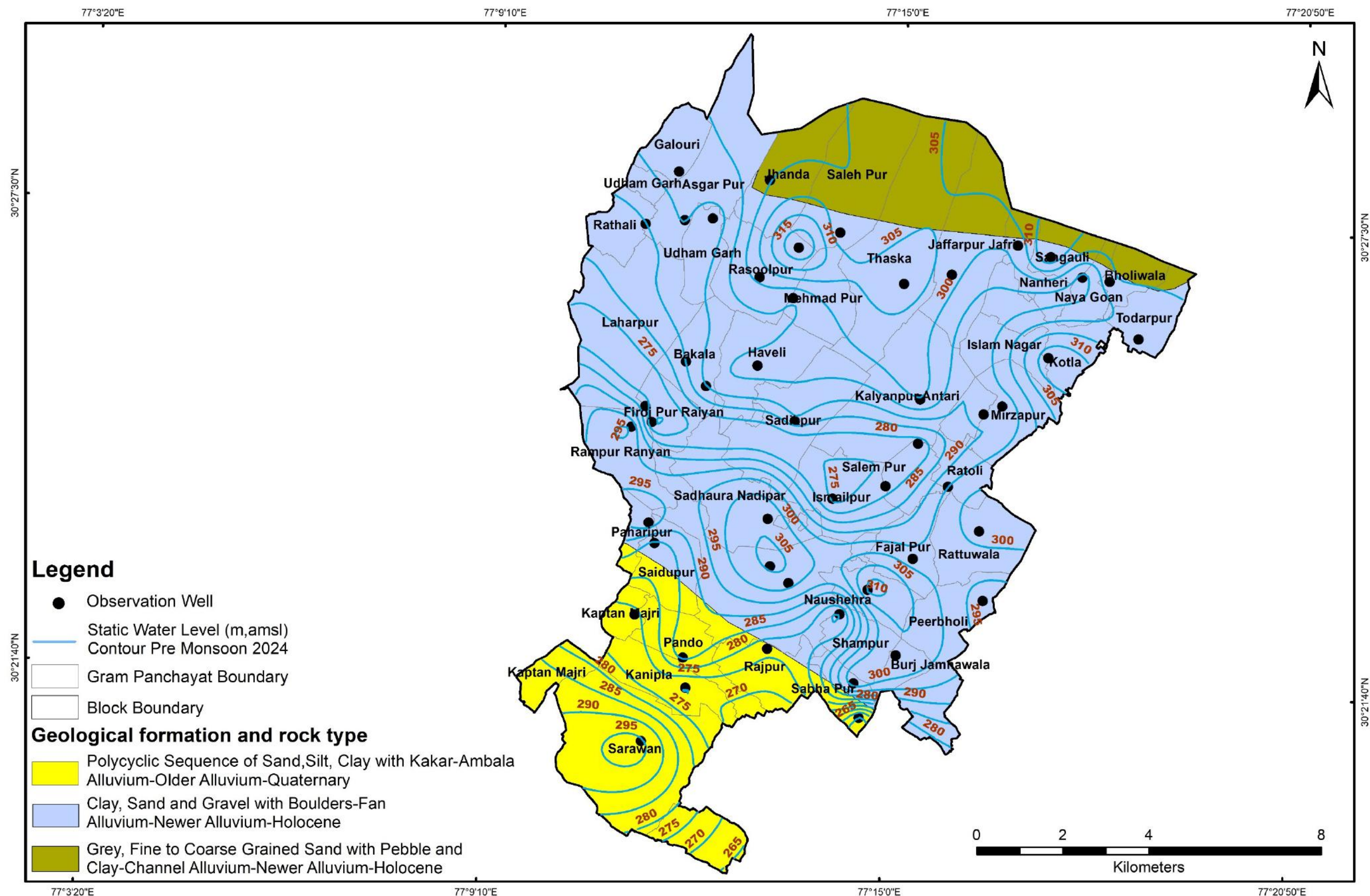
Location Map of Block- Sadaura (Part), District- Yamuna Nagar, Haryana



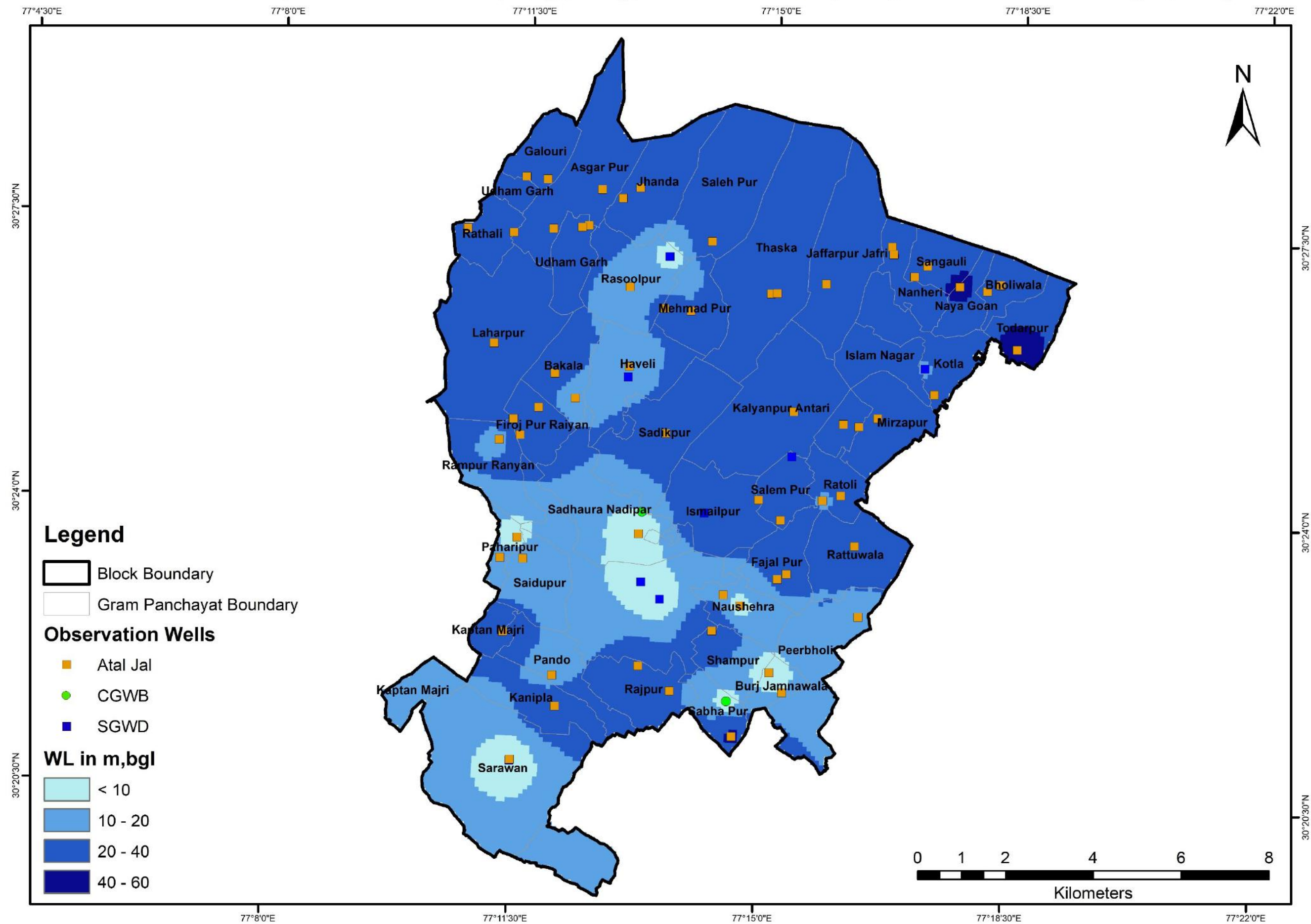
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block-Sadaura (Part), District- Yamunanagar, Haryana



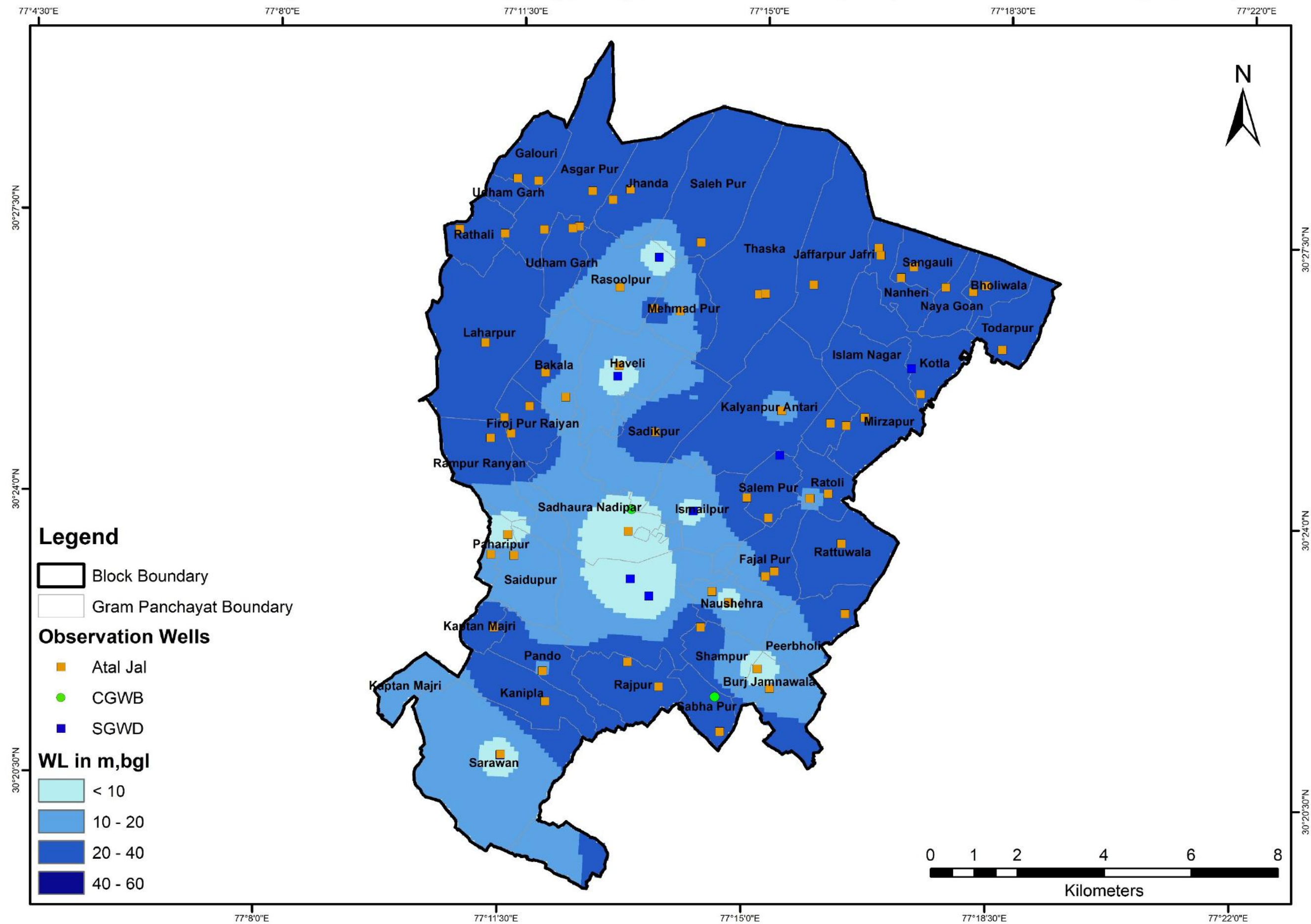
Hydrogeological Map, Block- Sadaura (Part), District- Yamunanagar, Haryana



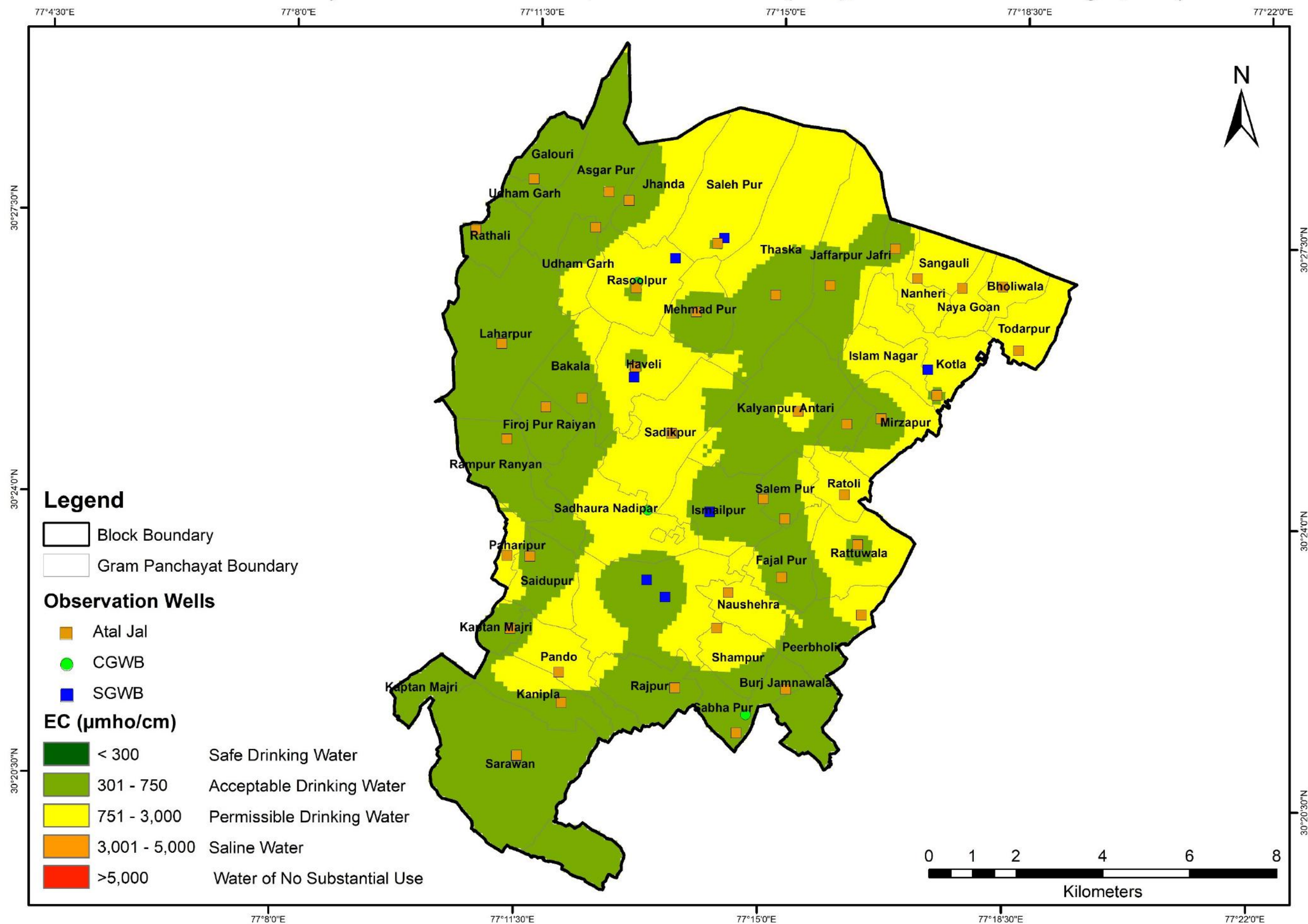
Pre Monsoon 2024 Depth to Water Level (m,bgl) Map, Block - Sadaura (Part), District - Yamunanagar, Haryana



Post Monsoon 2024 Depth to Water Level (m,bgl) Map, Block - Sadaura (Part), District - Yamunanagar, Haryana



Electrical Conductivity of Groundwater-2024, Block - Sadaura (Part), District - Yamunanagar, Haryana



ANNEXURE: 1
BASIC DATA OF MONITORING WELLS

State		Haryana			District		Yamuna Nagar				Block		Sadhaura		
S.No	Well ID	Gram Panchayat	Name of the village	Site Name	Latitude	Longitude	Type of Well	Reduced Level	Aquifer Type/Lithology	Height of Measuring (m, agl)	Depth (m,bgl)	Diameter (m)	Purpose of Monitoring (WL/WQ)	Monitoring Mechanism	Agency
1.	GWL-06-076-00565-00033546-001	Asgar Pur_33546	Asgarpur	Asgar Pur Road	30.4574	77.1978	Tube Well	316	Semi Confined to Confined	0.30	80	0.20	WL	Manual	Atal Jal-Private
2.	ABY_YMR_SAD_ASGARPUR_1	Asgar Pur_33546	Asgarpur	Jeet Ram	30.4658	77.2090	Tube Well	321	Semi confined to Unconfined	0.30	116	0.20	WQ	Manual	Atal Jal
3.	HR_GW_950	Bakala_33547	Bakala	Govt. Middle School Bakala	30.4228	77.2042	Piezometer	265	Semi Confined to Confined	0.50	72	0.10	Both	Telemetric	Atal Jal
4.	GWL-06-076-00565-00033547-001	Bakala_33547	Bakala	Bakala Road	30.4279	77.1992	Tube Well	306	Semi Confined to Confined	0.20	60	0.20	WL	Manual	Atal Jal-Private
5.	GWL-06-076-00565-00033548-001	Bholiwala_33548	Bholiwala	Jal Ghar	30.4474	77.3009	Tube Well	341	Semi Confined to Confined	0.70	122	0.20	WL	Manual	Atal Jal-Private
6.	ABY_YMR_SAD_Bholiwala_1	Bholiwala_33548	Bholiwala	Ram Pal	30.4487	77.3040	Tube Well	342	Semi confined to Unconfined	0.55	137	0.15	WQ	Manual	Atal Jal
7.	GWL-06-076-00565-00265553-002	Burj Jamnawala_265553	Burj Jamunawala	Buraj Jamnawala To Udhamgarh Road	30.3678	77.2522	Bore Well	309	Semi Confined to Confined	0.50	36	0.15	WL	Manual	Atal Jal-Private
8.	ABY_YMR_SAD_Burj jamnawala_1	Burj Jamnawala_265553	Buraj Jamwala	Yasin Ali	30.3639	77.2553	Tube Well	303	Semi confined to Unconfined	0.40	86	0.18	WQ	Manual	Atal Jal
9.	GWL-06-076-00565-00033549-001	Fajal Pur_33549	Fajalpur	Fajalpur To Rattuwala Road Near Pond	30.3881	77.2555	Bore Well	319	Semi Confined to Confined	0.25	80	0.25	WL	Manual	Atal Jal-Private
10.	ABY_YMR_SAD_FIZILPUR_1	Fajal Pur_33549	Fajilpur	Ikbali	30.3870	77.2534	Tube Well	320	Semi confined to Unconfined	0.28	81	0.23	WQ	Manual	Atal Jal
11.	GWL-06-076-00565-00033550-001	Firoj Pur Raiyan_33550	Firojpur	Firojpur Road	30.4150	77.1915	Tube Well	306	Semi Confined to Confined	0.50	80	0.25	WL	Manual	Atal Jal-Private
12.	ABY_YMR_SAD_Firojpur Raiyan_1	Firoj Pur Raiyan_33550	Firojpur Araiyan	Nishar Mohmad	30.4207	77.1956	Tube Well	306	Semi confined to Unconfined	0.50	80	0.25	WQ	Manual	Atal Jal
13.	GWL-06-076-00565-00033551-001	Galouri_33551	Galouri	Galouri Road	30.4676	77.1960	Tube Well	318	Semi Confined to Confined	0.50	80	0.20	WL	Manual	Atal Jal-Private
14.	ABY_YMR_SAD_GALOURI_1	Galouri_33551	Galawari	Ram Parsad	30.4679	77.1910	Tube Well	320	Semi confined to Unconfined	0.50	116	0.20	WQ	Manual	Atal Jal
15.	ABY_YMR_SAD_HAVELI_1	Haveli_33552	Haveli	Nrender Kumar	30.4297	77.2168	Tube Well	313	Semi confined to Unconfined	0.43	30	0.20	WQ	Manual	Atal Jal
16.	GWL-06-076-00565-00033553-001	Islam Nagar_33553	Islamnager	Near Gp School	30.4188	77.2715	Bore Well	321	Semi Confined to Confined	0.50	121	0.25	WL	Manual	Atal Jal-Private
17.	ABY_YMR_SAD_ISLAMNAGAR_1	Islam Nagar_33553	Islamnagar	Nanakdin	30.4192	77.2678	Tube Well	321	Semi confined to Unconfined	0.50	113	0.25	WQ	Manual	Atal Jal
18.	HR_GW_967	Ismailpur_33554	Ismailpur/Jhanda	Govt. Middle School	30.4032	77.2484	Piezometer	311	Semi-Confined To Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
19.	HR_GW_951	Jaffarpur Jafri_33555	Pammuwala	Govt. Middle School, Jaffarpur Jafri	30.4478	77.2627	Piezometer	340	Semi-Confined To Confined	0.50	76	1.10	Both	Telemetric	Atal Jal

S.No	Well ID	Gram Panchayat	Name of the village	Site Name	Latitude	Longitude	Type of Well	Reduced Level	Aquifer Type/Lithology	Height of Measuring (m, agl)	Depth (m,bgl)	Diameter (m)	Purpose of Monitoring (WL/WQ)	Monitoring Mechanism	Agency
20.	GWL-06-076-00565-00033556-001	Jhanda_33556	Jhanda	Shiv Mandir	30.4664	77.2180	Bore Well	333	Semi Confined to Confined	0.50	160	0.25	WL	Manual	Atal Jal-Private
21.	ABY_YMR_SAD_JHANDA_1	Jhanda_33556	Jhanda	Angrej Singh	30.4641	77.2139	Tube Well	322	Semi confined to Unconfined	0.50	21	0.25	WQ	Manual	Atal Jal
22.	HR_GW_952	Kalyanpur Antari_33557	Kalyanpur Antari	Govt. Middle School	30.4216	77.2560	Piezometer	321	Semi-Confined To Confined	0.50	66	2.10	Both	Telemetric	Atal Jal
23.	HR_GW_953	Kanipla_33558	Kanipla	Govt. Middle School, Kanipla	30.3596	77.2017	Piezometer	303	Unconfined To Semi-Confined	0.50	74	3.10	Both	Telemetric	Atal Jal
24.	HR_GW_954	Kaptan Majri_33561	Kaptan Majri	Govt. Primary School, Kaptan Majri	30.3746	77.1889	Piezometer	301	Unconfined To Semi-Confined	0.50	75	4.10	Both	Telemetric	Atal Jal
25.	ABY_YMR_SAD_KOTLA_1	Kotla_33559	Kotla	Ali Mohmad	30.4259	77.2891	Tube Well	327	Semi confined to Unconfined	0.60	116	0.15	WQ	Manual	Atal Jal
26.	GWL-06-076-00565-00033560-001	Laharpur_33560	Laharpur	Tavar On Raod	30.4183	77.1898	Tube Well	306	Semi Confined to Confined	0.50	70	0.25	WL	Manual	Atal Jal-Private
27.	ABY_YMR_SAD_LAHARPUR_1	Laharpur_33560	Laharpur	Ram Diyal	30.4336	77.1846	Tube Well	307	Semi confined to Unconfined	0.45	15	0.23	WQ	Manual	Atal Jal
28.	GWL-06-076-00565-00033562-001	Mehmad Pur_33562	Mehmad Pur	Folti Faram	30.4419	77.2246	Tube Well	318	Semi Confined to Confined	0.20	70	0.20	WL	Manual	Atal Jal-Private
29.	ABY_YMR_SAD_MEHMOODPUR_1	Mehmad Pur_33562	Mehmadpur	Anil	30.4415	77.2309	Tube Well	321	Semi confined to Unconfined	0.15	145	0.85	WQ	Manual	Atal Jal
30.	HR_GW_955	Mirzapur_33563	Mirzapur	Govt. Middle School, Mirzapur	30.4206	77.2759	Piezometer	326	Semi-Confined To Confined	0.50	71	5.10	Both	Telemetric	Atal Jal
31.	GWL-06-076-00565-00033564-001	Nanheri_33564	Nanhri	Phed	30.4544	77.2785	Bore Well	342	Semi Confined to Confined	0.50	80	0.20	WL	Manual	Atal Jal-Private
32.	ABY_YMR_SAD_Nanheri_1	Nanheri_33564	Nanheri	Yasin Ali	30.4559	77.2780	Tube Well	343	Semi confined to Unconfined	0.45	98	0.18	WQ	Manual	Atal Jal
33.	GWL-06-076-00565-00033566-001	Naushehra_33566	Naushara	Ravidas Mandir	30.3814	77.2449	Dug Well	318	Semi Confined to Confined	0.50	38	2.20	WL	Manual	Atal Jal-Private
34.	ABY_YMR_SAD_NAUSHERA_1	Naushehra_33566	Naushera	Sourav	30.3835	77.2408	Tube Well	313	Semi confined to Unconfined	0.30	122	1.77	WQ	Manual	Atal Jal
35.	HR_GW_956	Naya Goan_33565	Nayagoan	Govt. Primaryschool, Nayagoan	30.4482	77.2943	Piezometer	333	Semi-Confined To Confined	0.50	81	6.10	Both	Telemetric	Atal Jal
36.	GWL-06-076-00565-00033567-001	Paharipur_33567	Paharipur	Phd	30.3939	77.1915	Bore Well	303	Semi Confined to Confined	0.50	132	0.20	WL	Manual	Atal Jal-Private
37.	ABY_YMR_SAD_Paharipur_1	Paharipur_33567	Paharipur	Tulsi Ram	30.3897	77.1876	Tube Well	303	Semi confined to Unconfined	0.50	30	0.20	WQ	Manual	Atal Jal
38.	HR_GW_968	Pando_33568	Pando	Govt. Primary School, Pando	30.3659	77.2008	Piezometer	302	Unconfined To Semi-Confined	0.50	67	7.10	Both	Telemetric	Atal Jal
39.	HR_GW_957	Peerbholi_33569	Peerbholi	Govt. Primary School, Peerbholi	30.3798	77.2727	Piezometer	312	Unconfined To Semi-Confined	0.50	48	8.10	Both	Telemetric	Atal Jal
40.	GWL-06-076-00565-00265545-001	Rajpur_265545	Rajpur	Rajpur To Sadaura Road	30.3684	77.2211	Bore Well	307	Semi Confined to Confined	0.50	113	0.15	WL	Manual	Atal Jal-Private
41.	ABY_YMR_SAD_Rajpur_1	Rajpur_265545	Rajpur	Siya Ram	30.3634	77.2287	Tube Well	308	Semi confined to Unconfined	0.37	77	0.63	WQ	Manual	Atal Jal

S.No	Well ID	Gram Panchayat	Name of the village	Site Name	Latitude	Longitude	Type of Well	Reduced Level	Aquifer Type/Lithology	Height of Measuring (m, agl)	Depth (m,bgl)	Diameter (m)	Purpose of Monitoring (WL/WQ)	Monitoring Mechanism	Agency
42.	HR_GW_958	Rampur Ranyan_265546	Rampur Riyan	Govt. Middle School, Rampur Riyan	30.4139	77.1866	Piezometer	309	Unconfined To Semi-Confined	0.50	78	9.10	Both	Telemetric	Atal Jal
43.	HR_GW_969	Rasoolpur_33570	Rasoolpur	Govt. Primary School, Rasoolpur	30.4460	77.2163	Piezometer	316	Unconfined To Semi-Confined	0.50	64	10.10	Both	Telemetric	Atal Jal
44.	GWL-06-076-00565-00033571-001	Rathali_33571	Rathli	Rathali Road	30.4564	77.1884	Tube Well	313	Semi Confined to Confined	0.50	70	0.30	WL	Manual	Atal Jal-Private
45.	ABY_YMR_SAD_RATHALI_1	Rathali_33571	Rathali	Guurmeet Singh	30.4570	77.1775	Tube Well	311	Semi confined to Unconfined	0.37	107	0.23	WQ	Manual	Atal Jal
46.	GWL-06-076-00565-00033572-001	Ratoli_33572	Ratouli	Sadaura To Kotla Road	30.4035	77.2635	Bore Well	315	Semi Confined to Confined	0.60	45	0.25	WL	Manual	Atal Jal-Private
47.	ABY_YMR_SAD_RATAULI_1	Ratoli_33572	Ratauli	Dilshaad	30.4046	77.2678	Tube Well	314	Semi confined to Unconfined	0.60	137	0.25	WQ	Manual	Atal Jal
48.	HR_GW_960	Rattuwala_33573	Rattuwala	Govt. Primary School, Rattuwala	30.3943	77.2713	Piezometer	322	Semi-Confined To Confined	0.50	67	11.10	Both	Telemetric	Atal Jal
49.	HR_GW_961	Sabha Pur_33574	Sabhapur	Govt. Middle School, Sabhapur	30.3545	77.2437	Piezometer	300	Unconfined To Semi-Confined	0.50	71	12.10	Both	Telemetric	Atal Jal
50.	GWL-06-076-00565-00033576-001	Sadhaura Nadipar_33576	Sadhaura Nadipar	Yasin Majri Open Land	30.3955	77.2202	Tube Well	307	Semi Confined to Confined	0.50	55	0.15	WL	Manual	Atal Jal-Private
51.	HR_GW_962	Sadikpur_33577	Sadikpur	Govt. Middle School, Sadikpur	30.4162	77.2259	Piezometer	317	Unconfined To Semi-Confined	0.50	58	13.10	Both	Telemetric	Atal Jal
52.	HR_GW_963	Saidupur_33578	Saidupur	Govt. Primaryschool, Saidupur	30.3896	77.1931	Piezometer	303	Semi-Confined To Confined	0.50	71	14.10	Both	Telemetric	Atal Jal
53.	HR_GW_964	Saleh Pur_33579	Salehpur	Govt. Middle School, Salehpur	30.4559	77.2354	Piezometer	330	Semi-Confined To Confined	0.50	76	15.10	Both	Telemetric	Atal Jal
54.	ABY_YMR_SAD_SALEMPUR_1	Salem Pur_33580	Salempur	Jaswinder	30.3991	77.2537	Tube Well	310	Semi confined to Unconfined	0.40	107	0.18	WQ	Manual	Atal Jal
55.	GWL-06-076-00565-00033581-001	Sangauli_33581	Sangauli	Jal Ghar	30.4522	77.2865	Tube Well	344	Semi Confined to Confined	0.40	107	0.25	WL	Manual	Atal Jal-Private
56.	ABY_YMR_SAD_SANGAULI_1	Sangauli_33581	Sangauli	Suresh Pal	30.4499	77.2835	Tube Well	332	Semi confined to Unconfined	0.30	137	0.93	WQ	Manual	Atal Jal
57.	ABY_YMR_SAD_SARWAN_1	Sarawan_33582	Saranwan	Rishi Pal	30.3484	77.1915	Tube Well	299	Semi confined to Unconfined	0.43	18	0.62	WQ	Manual	Atal Jal
58.	HR_GW_966	Shampur_33583	Shampur	Govt. Primary School, Shampur	30.3760	77.2383	Piezometer	315	Unconfined To Semi-Confined	0.50	68	16.10	Both	Telemetric	Atal Jal
59.	GWL-06-076-00565-00033584-001	Thaska_33584	Thaska	Thaska Road	30.4456	77.2512	Tube Well	335	Semi Confined to Confined	0.30	80	0.20	WL	Manual	Atal Jal-Private
60.	ABY_YMR_SAD_THASKA_1	Thaska_33584	Thaska	Manish	30.4455	77.2498	Tube Well	337	Semi confined to Unconfined	0.23	117	1.13	WQ	Manual	Atal Jal
61.	HR_GW_965	Todarpur_33585	Todarpur	Govt. Primaryschool, Todarpur	30.4356	77.3083	Piezometer	345	Semi-Confined To Confined	0.50	75	17.10	Both	Telemetric	Atal Jal
62.	GWL-06-076-00565-00033586-001	Udham Garh_33586	Udham Garh	Guru Dwara	30.4579	77.2046	Tube Well	315	Semi Confined to Confined	0.50	80	0.30	WL	Manual	Atal Jal-Private

S.No	Well ID	Gram Panchayat	Name of the village	Site Name	Latitude	Longitude	Type of Well	Reduced Level	Aquifer Type/Lithology	Height of Measuring (m, agl)	Depth (m,bgl)	Diameter (m)	Purpose of Monitoring (WL/WQ)	Monitoring Mechanism	Agency
63.	ABY_YMR_SAD_UDHAMGARH_1	Udham Garh_33586	Udhamgarh	Om Parkash	30.4583	77.2061	Tube Well	315	Semi confined to Unconfined	0.35	12	1.00	WQ	Manual	Atal Jal
64.	W302130077144501	Sabha Pur_33574	Sabri	Sabri	30.3617	77.2422	Dug Well	304	Unconfined to Semi Confined	0.72	12	1.50	Both	Manual	CGWB
65.	W302300077133001	Sadhaura Nadipar_33576	Sadaura	Sadaura	30.4000	77.2208	Hand Pump	311	Alluvium	0.27	60	0.65	WQ	Manual	CGWB
66.	Ha_30.4275_77.2165	Haveli_33552	Haveli	Near Sh. Radhe Ram'S House	30.4275	77.2165	Piezometer	319.07	Unconfined to Semi Confined	0.65	70	0.10	WL	Telemetric	SGWD
67.	Is_30.4001_77.2357	Ismailpur_33554	Ismail Majra	In Harizen Basti	30.4001	77.2357	Piezometer	301.21	Unconfined to Semi Confined	0.65	36	0.10	WL	Manual	SGWD
68.	Ko_30.4311_77.2867	Kotla_33559	Kotla	Near Village Road	30.4311	77.2867	Piezometer	316.44	Unconfined to Semi Confined	0.65	70	0.10	WL	Telemetric	SGWD
69.	Mi_30.4525_77.2255	Rasoolpur_33570	Milk Jublian	North Of Village Settlement And Pond	30.4525	77.2255	Dug Well	320.04	Unconfined to Semi Confined	1.25	10	2.00	WL	Manual	SGWD
70.	Sa_30.457_77.237	Salem Pur_33580	Salehpur	North Of Village Settlement And Pond	30.4122	77.2559	Tube Well	323.02	Unconfined to Semi Confined	0.70	43	0.25	WL	Manual	SGWD
71.	Sa_30.3482_77.1914	Sarawan_33582	Sarawan	Near Village Road	30.3482	77.1914	Piezometer	303.16	Unconfined to Semi Confined	0.65	54	0.10	WL	Telemetric	SGWD
72.	Sa_30.3822_77.2257	Sadhoura	Sadhoura	East Of Govt High School	30.3822	77.2257	Piezometer	304.5	Unconfined to Semi Confined	0.65	33	0.10	WL	Manual	SGWD
73.	Sa_30.3856_77.2211	Sadhoura	Sadhoura	East Of Govt High School	30.3856	77.2211	Dug Well	306.78	Unconfined to Semi Confined	1.25	15	2.00	WL	Manual	SGWD

ANNEXURE: 2
WATER LEVEL (WL) DATA OF MONITORING WELLS

State	Haryana	District	Yamuna Nagar	Block	Sadhaura
Month of Pre-monsoon Water Level Measurement					May/June
Month of Post-monsoon water Level measurement					October/November

S.No.	Observation Point	Source	Well Types	Co-ordinate		Water Level (m)																			
				Latitude	Longitude	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
						Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
1	Ismailpur_33554	Atal Jal	Piezometer	30.4032	77.2484	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.45	36.9	32.69	33.9
2	Jaffarpur Jafri_33555	Atal Jal	Piezometer	30.4478	77.2627	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.15	36.5	37.75	35.17
3	Kalyanpur Antari_33557	Atal Jal	Piezometer	30.4216	77.2560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.6	23.51	20.93	17.23
4	Kanipla_33558	Atal Jal	Piezometer	30.3596	77.2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.1	39.8	32.71	35.38
5	Kaptan Majri_33561	Atal Jal	Piezometer	30.3746	77.1889	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.32	25.8	26.55	23.21
6	Mirzapur_33563	Atal Jal	Piezometer	30.4206	77.2759	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.25	30.8	34	28.8
7	Naya Goan_33565	Atal Jal	Piezometer	30.4482	77.2943	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.98	46	43.27	36.42
8	Pando_33568	Atal Jal	Piezometer	30.3659	77.2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.95	15.4	15.3	19.32
9	Peerbholi_33569	Atal Jal	Piezometer	30.3798	77.2727	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.11	27.3	19.02	24.55
10	Rampur Ranyan_265546	Atal Jal	Piezometer	30.4139	77.1866	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.5	25.3	14.3	24.55
11	Rasoolpur_33570	Atal Jal	Piezometer	30.4460	77.2163	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.22	15.9	14.45	17.29
12	Rattuwala_33573	Atal Jal	Piezometer	30.3943	77.2713	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.23	24.3	20.33	20.1
13	Sabha Pur_33574	Atal Jal	Piezometer	30.3545	77.2437	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	40.12	42.05	40.61
14	Sadikpur_33577	Atal Jal	Piezometer	30.4162	77.2259	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.04	32.1	27.68	29.17
15	Saidupur_33578	Atal Jal	Piezometer	30.3896	77.1931	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.96	19.5	19.47	15.36
16	Saleh Pur_33579	Atal Jal	Piezometer	30.4559	77.2354	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.15	34.6	27.66	29.34
17	Shampur_33583	Atal Jal	Piezometer	30.3760	77.2383	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.7	40.42	40.25	34.8
18	Todarpur_33585	Atal Jal	Piezometer	30.4356	77.3083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	40.15	42.68	36.36
19	Asgar Pur_33546	Atal Jal	Tube Well	30.4574	77.1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.1	26.3	25.9	24.8
20	Bakala_33547	Atal Jal	Piezometer	30.4228	77.2042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.12	11.6
21	Bakala_33547	Atal Jal	Tube Well	30.4279	77.1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.1	23.4	22.4	21.8
22	Bholiwala_33548	Atal Jal	Tube Well	30.4474	77.3009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.77	38.68	37.52	36.48
23	Burj Jamnawala_265553	Atal Jal	Bore Well	30.3678	77.2522	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.1	4.21	4.58	4.89
24	Fajal Pur_33549	Atal Jal	Bore Well	30.3881	77.2555	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.66	22.14	22.08	21.9
25	Firoj Pur Raiyan_33550	Atal Jal	Tube Well	30.4150	77.1915	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.16	36.17	36.3	35.4
26	Galouri_33551	Atal Jal	Tube Well	30.4676	77.1960	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.17	26.4	25.5	24.6
27	Islam Nagar_33553	Atal Jal	Bore Well	30.4188	77.2715	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.48	27	27.68	26.97
28	Jhanda_33556	Atal Jal	Bore Well	30.4664	77.2180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.01	34.09	33.49	32.59
29	Laharpur_33560	Atal Jal	Tube Well	30.4183	77.1898	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.16	29.4	28.5	27.55
30	Mehmad Pur_33562	Atal Jal	Tube Well	30.4419	77.2246	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.1	23.06	22.2	21.7
31	Nanheri_33564	Atal Jal	Bore Well	30.4544	77.2785	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.8	40.45	40.17	37.88
32	Naushehra_33566	Atal Jal	Dug Well	30.3814	77.2449	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.75	7.1	7.09	6.9
33	Paharipur_33567	Atal Jal	Bore Well	30.3939	77.1915	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.03	4.6	4.7	4.17
34	Rajpur_265545	Atal Jal	Bore Well	30.3684	77.2211	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.11	30.27	29.9	29.76
35	Rathali_33571	Atal Jal	Tube Well	30.4564	77.1884	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.17	28.4	28.3	27.45
36	Ratoli_33572	Atal Jal	Bore Well	30.4035	77.2635	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.2	19.08	19.25	18.83
37	Sadhaura Nadipar_33576	Atal Jal	Tube Well	30.3955	77.2202	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.67	3.12	3.38	3.49
38	Sangauli_33581	Atal Jal	Tube Well	30.4522	77.2865	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.87	30.11	29.85	27.58
39	Thaska_33584	Atal Jal	Tube Well	30.4456	77.2512	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.1	28.78	27.75	26.9
40	Udham Garh_33586	Atal Jal	Tube Well	30.4579	77.2046	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.04	27.3	26.9	24.55

S.No.	Observation Point	Source	Well Types	Co-ordinate		Water Level (m)																			
				Latitude	Longitude	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
						Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
41	Sabha Pur_33574	CGWB	Dug Well	30.3617	77.2422	6	5.28	6.38	5.96	8.28	5.81	7.2	3.3	6.43	5.18	NA	5.4	NA	5.4	5.98	5.25	6.46	NA	6.2	6.18
42	Haveli_33552	SGWD	Piezometer	30.4275	77.2165	18.2	17.7	19.2	NA	19.7	18.2	20.95	19.7	21.09	21.87	21.25	20.7	19.8	17.3	18.3	17.8	6.94	5.53	17.2	4.94
43	Ismailpur_33554	SGWD	Piezometer	30.4001	77.2357	7.7	7.2	7.3	NA	7.43	6.75	7.55	6.97	7.67	6.35	7.95	8.05	6.4	5.55	6.9	6.68	6.63	4.56	32.69	8.03
44	Kotla_33559	SGWD	Piezometer	30.4311	77.2867	8.92	8.32	7.74	NA	7.83	7.53	10.18	8.7	11.37	13.23	11.53	14.2	14.25	15.9	16.45	17.95	22.83	20.25	19.03	21.46
45	Rasoolpur_33570	SGWD	Dug Well	30.4525	77.2255	6.37	5.6	6.48	NA	6.55	5.55	6.6	5.67	6.78	4.5	6.9	4.67	5.88	4.68	5.98	4.48	5.68	4.78	5.18	1.5
46	Salem Pur_33580	SGWD	Tube Well	30.4122	77.2559	7.42	7.12	7.62	NA	8.12	7.12	8.62	7.62	9.12	8.87	9.22	8.97	8.78	8.88	9.58	8.08	8.83	8.08	34.4	29.34
47	Sarawan_33582	SGWD	Piezometer	30.3482	77.1914	9.07	8.88	9.27	NA	9.39	9.29	9.47	9.37	9.61	7.1	9.85	8.37	7.43	6.98	8.48	6.98	8.21	6.45	3.25	6.94
48	Sadhoura	SGWD	Piezometer	30.3822	77.2257	7.47	7.28	7.42	NA	7.58	6.08	6.65	6.17	6.81	3.95	7	5.37	4.3	2.7	6.9	6.68	3.5	1.85	3.4	1.45
49	Sadhoura	SGWD	Dug Well	30.3856	77.2211	6.77	5.9	6.85	NA	6.97	6.07	7	6.09	7.15	4.8	7.37	5.87	4.5	2.9	6.9	6.68	3.5	1.85	3.4	1.45

ANNEXURE: 3
HISTORICAL WATER QUALITY (WQ) DATA OF MONITORING WELLS

State	Haryana	District	Yamuna Nagar	Block	Sadhaura
Month of Collection of sample for WQ monitoring*					June

Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃
Asgar Pur_33546	Atal Jal	Tubewell	30.4658	77.209	2024	8.29	766	422	224.2	68.93	12.64	47	7	4.032	215.9	43.23	90.61	0.39	5.85
Bakala_33547	Atal Jal	Pizeometer	30.4228	77.2042	2024	8.06	502	213	112.1	35.27	5.83	24	3	1.209	110.7	21.78	46.31	0.2	0
Bholiwala_33548	Atal Jal	Tubewell	30.4487	77.304	2024	5.91	1245	765	404.3	126.7	21.39	86	12	0.031	400	78.28	165.1	0.7	14.3
Burj Jamnawala_265553	Atal Jal	Tubewell	30.3639	77.2553	2024	6.02	600	350	184.2	57.71	9.73	39	5	0.018	184	35.8	76.52	0.32	4.15
Fajal Pur_33549	Atal Jal	Tubewell	30.387	77.2534	2024	6.42	606	378	200.2	62.52	10.7	42	6	0.049	199.9	38.69	82.56	0.35	4.8
Firoj Pur Raiyan_33550	Atal Jal	Tubewell	30.4207	77.1956	2024	7.34	512	283	148.1	46.49	7.78	32	4	0.304	147.7	29	60.41	0.26	2.45
Galouri_33551	Atal Jal	Tubewell	30.4679	77.191	2024	7.81	506	300	160.1	49.7	8.75	34	5	0.947	155	30.65	64.43	0.27	2.9
Haveli_33552	Atal Jal	Tubewell	30.4297	77.2168	2024	8.81	421	242	128.1	40.08	6.8	27	4	7.769	120.4	24.77	52.35	0.22	1.5
Islam Nagar_33553	Atal Jal	Tubewell	30.4192	77.2678	2024	6.01	581	348	184.2	57.71	9.73	39	5	0.018	184	35.6	74.5	0.32	4.05
Ismailpur_33554	Atal Jal	Pizeometer	30.4032	77.2484	2024	7.82	419	329	172.1	54.51	8.75	37	5	1.068	170.9	33.64	70.47	0.3	3.6
Jaffarpur Jafri_33555	Atal Jal	Pizeometer	30.4478	77.2627	2024	7.06	620	248	132.1	40.08	7.78	28	4	0.142	131.9	25.39	54.37	0.23	1.65
Jhanda_33556	Atal Jal	Tubewell	30.4641	77.2139	2024	9.03	314	196	104.1	32.06	5.83	22	3	10.48	94	20.03	42.28	0.18	0
Kalyanpur Antari_33557	Atal Jal	Piezometer	30.4216	77.256	2023	7.74	494	301.3	153	47.32	8.44	34	10.8	0.0	136.0	24.7	83.1	0.23	21.6
Kalyanpur Antari_33557	Atal Jal	Piezometer	30.4216	77.256	2024	7.83	780	295	156.1	48.09	8.75	33	5	1.0	155.0	30.13	64.43	0.27	2.75
Kanipla_33558	Atal Jal	Piezometer	30.3596	77.2017	2023	8.18	615	362.9	266.4	74.9	19.3	38	14	0.0	220.2	24	38	0.6	18
Kanipla_33558	Atal Jal	Piezometer	30.3596	77.2017	2024	8.23	650	367	192.2	60.92	9.72	41	6	3.1	188.9	37.56	78.53	0.34	4.55
Kaptan Majri_33561	Atal Jal	Piezometer	30.3746	77.1889	2023	7.82	474	284.4	157.8	51.2	7.2	46.2	5.06	0.0	130.9	18.5	61.7	0.37	15.1
Kaptan Majri_33561	Atal Jal	Piezometer	30.3746	77.1889	2024	7.59	710	291	152.1	48.09	7.78	33	5	0.6	151.4	29.72	62.42	0.26	2.7
Kotla_33559	Atal Jal	Tubewell	30.4259	77.2891	2024	6.27	720	407	216.2	67.33	11.67	46	6	0.037	212	41.68	88.6	0.37	5.5
Laharpur_33560	Atal Jal	Tubewell	30.4336	77.1846	2024	6.73	468	286	152.1	46.49	8.75	32	4	0.077	151.9	29.31	62.42	0.26	2.55
Mehmad Pur_33562	Atal Jal	Tubewell	30.4415	77.2309	2024	8.38	290	177	92.07	28.86	4.86	20	3	2.075	89.85	18.07	38.26	0.09	0
Mirzapur_33563	Atal Jal	Piezometer	30.4206	77.2759	2023	7.81	468	322.9	177.6	51.2	12.1	52.5	5.7	0.0	148.7	20.9	71.2	0.46	17.2
Mirzapur_33563	Atal Jal	Piezometer	30.4206	77.2759	2024	7.35	660	273	144.1	44.89	7.78	31	4	0.3	143.7	27.97	58.39	0.25	2.25
Nanheri_33564	Atal Jal	Tubewell	30.4559	77.278	2024	8.86	504	301	160.1	49.7	8.75	34	5	10.9	149.5	30.75	64.43	0.28	2.9
Naushehra_33566	Atal Jal	Tubewell	30.3835	77.2408	2024	8.1	1199	719	380.3	118.6	20.42	81	11	4.45	371.5	73.54	155	0.66	13.15
Naya Goan_33565	Atal Jal	Piezometer	30.4482	77.2943	2023	7.64	608	389.1	212.1	61.1	14.4	63.3	6.9	0.0	178.5	25.3	85.5	0.45	20.7
Naya Goan_33565	Atal Jal	Piezometer	30.4482	77.2943	2024	7.27	1100	391	208.2	64.12	11.67	44	6	0.4	203.6	40.03	84.57	0.36	5.1
Paharipur_33567	Atal Jal	Tubewell	30.3897	77.1876	2024	7.99	1049	648	344.3	107.4	18.47	73	10	3.123	336.9	66.32	141	0.59	11.4
Pando_33568	Atal Jal	Piezometer	30.3659	77.2008	2023	7.96	899	593.3	394.7	94.7	38.5	78	20	0.0	261.8	42.9	118.8	0.2	42
Pando_33568	Atal Jal	Piezometer	30.3659	77.2008	2024	7.97	970	532	280.2	88.17	14.58	60	8	2.5	277.5	54.46	114.8	0.49	8.6
Peerbholi_33569	Atal Jal	Piezometer	30.3798	77.2727	2023	7.04	381	232.4	177.6	53.2	10.8	18	6	0.0	136.9	12	33.3	0.3	16
Peerbholi_33569	Atal Jal	Piezometer	30.3798	77.2727	2024	7.17	750	215	112.1	35.27	5.83	24	3	0.2	111.8	21.99	46.31	0.2	0
Rajpur_265545	Atal Jal	Tubewell	30.3634	77.2287	2024	7.6	631	392	208.2	64.12	11.67	44	6	0.763	203.2	40.13	84.57	0.36	5.15
Rampur Ranyan_265546	Atal Jal	Piezometer	30.4139	77.1866	2023	7.99	439	272.1	148.1	45.3	8.4	44.3	4.8	0.0	124.9	17.7	59.3	0.46	14.5
Rampur Ranyan_265546	Atal Jal	Piezometer	30.4139	77.1866	2024	8.17	522	250	132.1	41.68	6.81	28	4	1.8	130.1	25.6	54.37	0.23	1.65
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2015	7.05	953	ND	265.4	77.7	17.4	105.0	5.7	0.0	214.2	129.0	128.5	0.19	2.00
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2016	7.5	950	ND	206.0	47.0	22.0	120.0	24.0	0.0	179.0	118.0	104.0	0.25	95.00
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2017	7.5	1215	ND	340.0	99.0	22.0	125.0	3.0	0.0	329.0	90.0	125.0	0.39	87.00
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2018	8.17	1286	ND	310.0	56.0	41.0	158.0	12.0	0.0	24.0	251.0	220.0	0.47	85.00
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2019	8.67	423	ND	110.0	20.0	15.0	72.7	2.3	36.0	207.0	8.2	21.0	0.47	0.20
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2020	8.6	380	ND	80.1	20.0	7.3	62.0	2.0	36.0	158.7	0.0	14.2	0.33	0.01
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2021	8.58	1015	ND	220.2	32.1	34.0	132.0	1.6	62.4	47.6	121.0	148.9	0.29	28.00

Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2022	8.23	565	ND	144.0	24.0	20.4	62.0	3.2	0.0	278.0	0.0	42.0	0.49	0.20
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2023	7.63	1098	ND	320.0	72.0	34.0	103.0	32.2	0.0	488.0	0.0	127.8	0.85	27.82
Rasoolpur_33570	CGWB	Hand Pump	30.4472	77.2167	2024	8.39	1074	0	230.2	28.06	38.91	159	6	57.6	454	BDL	85.08	1.41	10
Rasoolpur_33570	Atal Jal	Piezometer	30.446	77.2163	2023	7.8	573	366.7	217.1	63.1	14.5	41	21	0.0	125.0	26.9	97.4	0.3	24
Rasoolpur_33570	Atal Jal	Piezometer	30.446	77.2163	2024	7.34	520	325	172.1	52.9	9.73	37	5	0.4	171.6	33.23	70.47	0.3	3.5
Rathali_33571	Atal Jal	Tubewell	30.457	77.1775	2024	6.54	549	326	172.1	52.9	9.73	37	5	0.056	171.9	33.33	70.47	0.3	3.5
Ratoli_33572	Atal Jal	Tubewell	30.4046	77.2678	2024	8.19	1366	858	452.4	141.1	24.31	96	13	6.581	445.4	87.76	185.3	0.79	16.55
Rattuwalla_33573	Atal Jal	Piezometer	30.3943	77.2713	2023	8.01	563	343	180	50	13.72	55	30	0.0	160.0	16	90	0.76	5
Rattuwalla_33573	Atal Jal	Piezometer	30.3943	77.2713	2024	8.24	718	352	188.2	57.71	10.7	40	6	3.0	181.0	36.01	76.52	0.32	4.15
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2015	Sample not collected from this location													
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2016	8.4	890	ND	147.0	16.0	26.0	180.0	6.5	0.0	574.0	20.0	35.0	0.25	2.32
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2017	8.3	408	ND	174.0	37.0	20.0	44.0	1.6	33.0	204.0	35.0	3.5	0.56	BDL
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2018	8.56	450	ND	100.0	16.0	15.0	71.0	2.7	36.0	195.0	ND	21.0	0.47	0.20
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2019	8.63	400	ND	110.0	16.0	17.0	67.2	1.6	36.0	159.0	33.0	21.0	0.32	0.20
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2020	8.57	383	ND	130.1	24.0	17.0	45.0	1.7	24.0	207.5	0.0	7.1	0.23	0.57
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2021	8.41	401	ND	140.1	16.0	24.3	53.0	1.8	31.2	238.0	0.0	14.2	0.47	0.00
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2022	8.17	244	ND	88.0	8.0	16.5	21.0	0.9	0.0	134.0	0.0	14.0	0.37	0.10
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2023	8.25	780	ND	220.0	48.0	24.3	75.2	37.5	0.0	402.6	14.4	56.8	0.74	1.62
Sabha Pur_33574	CGWB	Tube Well	30.3583	77.2458	2024	8.24	435	0	130.1	16.03	21.89	44	2	Nil	244.1	BDL	14.18	0.54	BDL
Sabha Pur_33574	Atal Jal	Piezometer	30.3545	77.2437	2023	8.15	467	298.9	187.5	55.2	12	34	12	0.0	148.8	18	68.9	0.8	5
Sabha Pur_33574	Atal Jal	Piezometer	30.3545	77.2437	2024	8.25	550	249	132.1	41.68	6.81	28	4	2.2	129.7	25.49	54.37	0.23	1.65
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2015	8.88	763	ND	214.4	28.6	34.7	85.0	4.2	70.2	166.6	12.0	83.4	0.54	19.00
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2016	7.55	265	ND	137.0	39.0	9.5	14.0	3.1	0.0	132.0	40.0	14.0	0.06	1.25
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2017	8.3	609	ND	299.0	99.0	13.0	16.0	3.0	56.0	261.0	5.0	14.0	0.26	0.75
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2018	8.18	314	ND	110.0	32.0	7.0	19.0	0.0	0.0	134.0	ND	28.0	0.14	0.20
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2019	8.66	878	ND	230.0	16.0	46.0	95.2	1.2	48.0	207.0	9.6	113.0	0.39	18.00
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2020	8.58	381	ND	110.1	16.0	17.0	55.0	2.2	36.0	146.4	22.0	14.2	0.10	0.27
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2021	8.76	443	ND	110.1	8.0	21.9	86.0	4.2	62.4	190.4	0.0	21.3	0.58	0.00
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2022	8.16	405	ND	98.0	9.0	18.4	47.0	5.1	0.0	222.0	0.0	21.0	0.48	0.20
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2023	7.94	550	ND	220.0	56.0	19.5	40.0	2.2	0.0	305.0	0.0	42.6	0.65	2.44
Sadhaura Nadipar_33576	CGWB	Hand Pump	30.4	77.2208	2024	8.05	1089	0	320.3	20.04	65.66	86	3	Nil	463.8	86.45	142	0.57	26
Sadikpur_33577	Atal Jal	Piezometer	30.4162	77.2259	2023	7.85	470	296.1	187.5	57.2	10.9	33	14	0.0	107.1	28	61.8	0.8	23
Sadikpur_33577	Atal Jal	Piezometer	30.4162	77.2259	2024	8.08	780	282	148.1	46.49	7.78	32	4	1.7	146.3	28.9	60.41	0.26	2.45
Saidupur_33578	Atal Jal	Piezometer	30.3896	77.1931	2023	8.23	444	301.9	162.8	47.3	10.8	49.1	5.3	0.0	136.8	19.5	66.5	0.37	16.1
Saidupur_33578	Atal Jal	Piezometer	30.3896	77.1931	2024	7.96	550	265	140.1	43.28	7.78	30	4	1.2	138.8	27.14	56.38	0.24	2.05
Saleh Pur_33579	Atal Jal	Pizeometer	30.4559	77.2354	2024	7.17	610	336	176.1	56.11	8.75	38	5	0.245	175.7	34.36	72.49	0.31	3.75
Salem Pur_33580	Atal Jal	Tubewell	30.3991	77.2537	2024	7.88	677	381	200.2	62.52	10.7	43	6	1.426	198.5	39	82.56	0.35	4.9
Sangauli_33581	Atal Jal	Tubewell	30.4499	77.2835	2024	8.38	1462	892	472.4	147.5	25.28	100	14	10.55	457.6	91.27	193.3	0.82	17.4
Sarawan_33582	Atal Jal	Tubewell	30.3484	77.1915	2024	7.46	610	345	184.2	56.11	10.7	39	5	0.488	179.5	35.29	74.5	0.32	4
Shampur_33583	Atal Jal	Piezometer	30.376	77.2383	2023	8.29	537	332.9	197.4	59.2	12.1	35	17	0.0	160.7	29.9	45.1	0.5	31
Shampur_33583	Atal Jal	Piezometer	30.376	77.2383	2024	8.03	1200	309	164.1	51.3	8.75	35	5	1.7	162.3	31.58	66.45	0.28	3.1
Thaska_33584	Atal Jal	Tubewell	30.4455	77.2498	2024	7.9	453	282	148.1	46.49	7.78	32	4	1.105	146.9	28.9	60.41	0.26	2.45
Todarpur_33585	Atal Jal	Piezometer	30.4356	77.3083	2023	7.76	463	268.5	148.1	45.3	8.4	43.7	4.7	0.0	119.0	17.4	59.3	0.54	14.3
Todarpur_33585	Atal Jal	Piezometer	30.4356	77.3083	2024	7.88	1250	261	136.1	43.28	6.81	29	4	1.0	135.0	26.73	56.38	0.24	1.95
Udham Garh_33586	Atal Jal	Tubewell	30.4583	77.2061	2024	7.21	586	338	180.1	56.11	9.72	38	5	0.268	175.7	34.57	72.49	0.31	3.85

Name of District	Name of Block	Source	Name of village/ OW data	Latitude	Longitude	EC June 2020	EC June-2021	EC June-2022	EC June-2023	EC June-2024
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Asgar Pur_33546	30.4658	77.209	ND	ND	ND	ND	766
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Bakala_33547	30.4228	77.2042	ND	ND	ND	ND	502
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Bholiwala_33548	30.4487	77.304	ND	ND	ND	ND	1245
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Burj Jamnawala_265553	30.3639	77.2553	ND	ND	ND	ND	600
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Fajal Pur_33549	30.387	77.2534	ND	ND	ND	ND	606
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Firoj Pur Raiyan_33550	30.4207	77.1956	ND	ND	ND	ND	512
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Galouri_33551	30.4679	77.191	ND	ND	ND	ND	506
Yamunanagar_76	Sadaura (Part)_565	SGWB	Haveli	30.4275	77.2165	800	800	650	460	1540
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Haveli_33552	30.4297	77.2168	ND	ND	ND	ND	421
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Islam Nagar_33553	30.4192	77.2678	ND	ND	ND	ND	581
Yamunanagar_76	Sadaura (Part)_565	SGWB	Ismail Majra	30.4001	77.2357	650	1100	600	480	650
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Ismailpur_33554	30.4032	77.2484	ND	ND	ND	ND	419
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Jaffarpur Jafri_33555	30.4478	77.2627	ND	ND	ND	ND	620
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Jhanda_33556	30.4641	77.2139	ND	ND	ND	ND	314
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Kalyanpur Antari_33557	30.4216	77.256	ND	ND	ND	494	780
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Kanipla_33558	30.3596	77.2017	ND	ND	ND	615	650
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Kaptan Majri_33561	30.3746	77.1889	ND	ND	ND	474	710
Yamunanagar_76	Sadaura (Part)_565	SGWB	Kotla	30.4311	77.2867	800	1200	900	1000	1000
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Kotla_33559	30.4259	77.2891	ND	ND	ND	ND	720
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Laharpur_33560	30.4336	77.1846	ND	ND	ND	ND	468
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Mehmad Pur_33562	30.4415	77.2309	ND	ND	ND	ND	290
Yamunanagar_76	Sadaura (Part)_565	SGWB	Milk Jublian	30.4525	77.2255	850	900	900	570	2630
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Mirzapur_33563	30.4206	77.2759	ND	ND	ND	468	660
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Nanheri_33564	30.4559	77.278	ND	ND	ND	ND	504
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Naushehra_33566	30.3835	77.2408	ND	ND	ND	ND	1199
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Naya Goan_33565	30.4482	77.2943	ND	ND	ND	608	1100
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Paharipur_33567	30.3897	77.1876	ND	ND	ND	ND	1049
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Pando_33568	30.3659	77.2008	ND	ND	ND	899	970
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Peerbholi_33569	30.3798	77.2727	ND	ND	ND	381	750
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Rajpur_265545	30.3634	77.2287	ND	ND	ND	ND	631
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Rampur Ranyan_265546	30.4139	77.1866	ND	ND	ND	439	522
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Rasoolpur_33570	30.446	77.2163	ND	ND	ND	573	520
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Rathali_33571	30.457	77.1775	ND	ND	ND	ND	549
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Ratoli_33572	30.4046	77.2678	ND	ND	ND	ND	1366
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Rattuwala_33573	30.3943	77.2713	ND	ND	ND	563	718
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Sabha Pur_33574	30.3545	77.2437	ND	ND	ND	467	550
Yamunanagar_76	Sadaura (Part)_565	SGWB	Sadhoura	30.3822	77.2257	ND	ND	450	1190	600
Yamunanagar_76	Sadaura (Part)_565	SGWB	Sadhoura	30.3856	77.2211	950	1250	900	1190	600
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Sadikpur_33577	30.4162	77.2259	ND	ND	ND	470	780
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Saidupur_33578	30.3896	77.1931	ND	ND	ND	444	550
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Saleh Pur_33579	30.4559	77.2354	ND	ND	ND	ND	610
Yamunanagar_76	Sadaura (Part)_565	SGWB	Salehpur	30.457	77.237	650	900	650	670	1060
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Salem Pur_33580	30.3991	77.2537	ND	ND	ND	ND	677
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Sangauli_33581	30.4499	77.2835	ND	ND	ND	ND	1462
Yamunanagar_76	Sadaura (Part)_565	SGWB	Sarawan	30.3482	77.1914	500	1000	800	430	700
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Sarawan_33582	30.3484	77.1915	ND	ND	ND	ND	610
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Shampur_33583	30.376	77.2383	ND	ND	ND	537	1200

Name of District	Name of Block	Source	Name of village/ OW data	Latitude	Longitude	EC June 2020	EC June-2021	EC June-2022	EC June-2023	EC June-2024
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Thaska_33584	30.4455	77.2498	ND	ND	ND	ND	453
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Todarpur_33585	30.4356	77.3083	ND	ND	ND	463	1250
Yamunanagar_76	Sadaura (Part)_565	Atal Jal	Udham Garh_33586	30.4583	77.2061	ND	ND	ND	ND	586

