

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : SARASWATI NAGAR

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	:	SARASWATINAGAR
BLOCK/TALUK HQs	:	SARASWATINAGAR

A	GENERAL INFORMATION				
1.	Geographical area (Ha)	:	20267		
2.	No. of Gram Panchayats	:	75		
3.	No. of towns	:	1		
4.	No. of villages	:	91		
5.	Population (2011)	:	Male	Female	Total
			58611	52027	110638
6	Rainfall (mm)(2023)	:	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)	:	0	
2.	Cultivable area (Ha)	:	19304	
3.	Net sown area (Ha)	:	17940	
4.	Gross cropped area (Ha)	:	34791	

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)	:	17515				
2.	Gross irrigated area (Ha)	:	34053				
3.	Area under irrigation (Ha) (Source- wise)	:	DW	BW/TW	Tanks/Ponds	Canals	Others
			-	17515	-	-	-

E	GEOLOGY & HYDROGEOLOGY			
1.	Predominant rocktype	:	Sand, Silt, Clay &Kankar	
2.	Major geological formations	:	Older 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		
		0	3	2	5	5	8	104	117		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		5	9	74	0	2	32	0	2	32	
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)	:	2.6/Khanpur Rajputan_33445				46.5/Nagla Khalsa_33462				
	Post-monsoon (Oct/Nov 2024)	:	3/Landoura_33452				50.19/Jagdhoul_33435				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-8.6/Ambli_33411				3.72/Maheshwari_33455					

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	3	0	3	0	5	72	77
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							

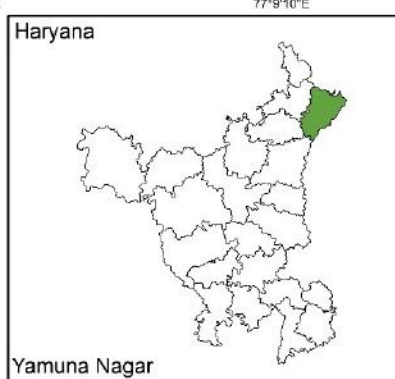
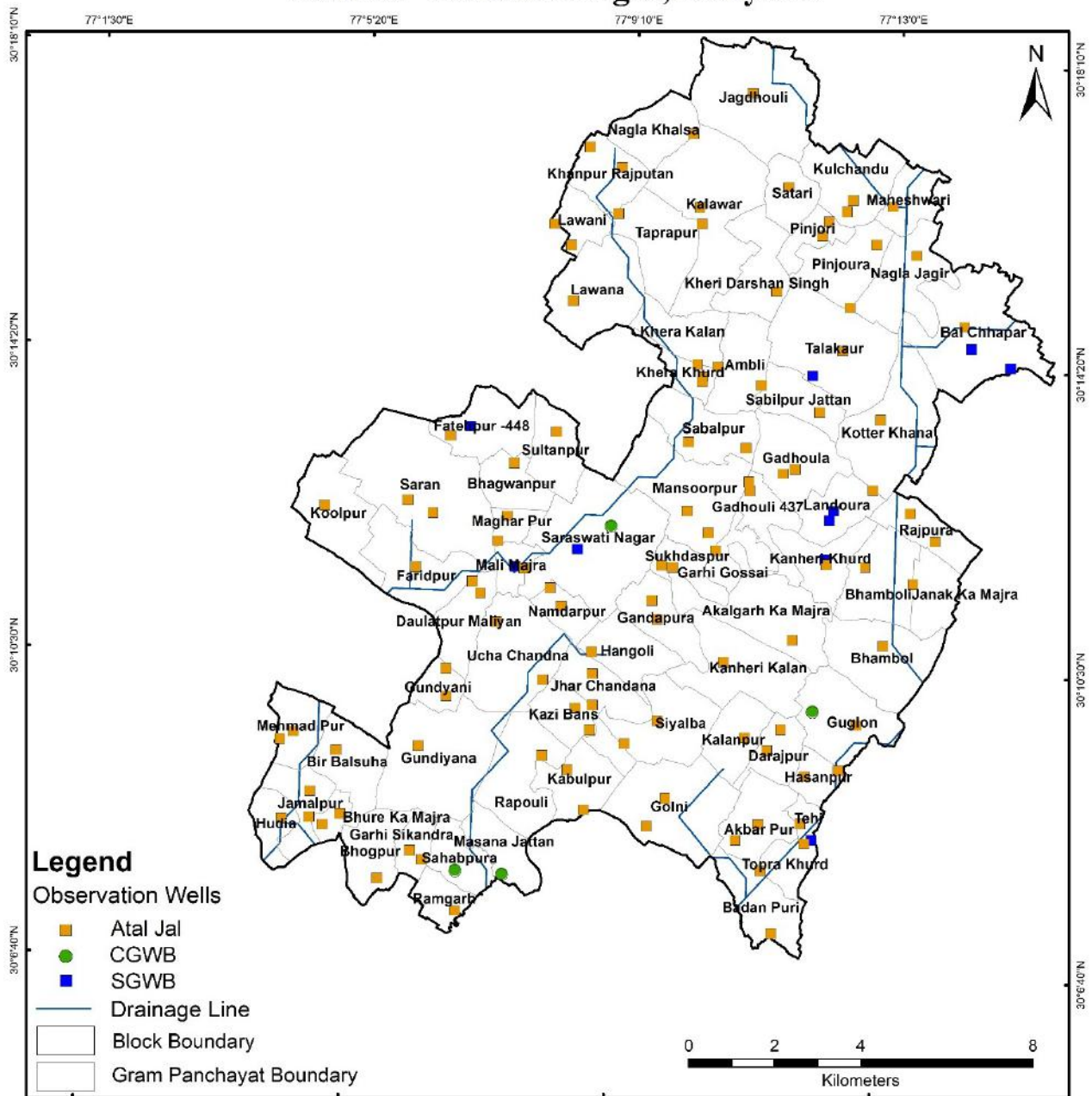
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	9418.3					
4.	Current annual GW extraction (ha.m)	:	19394.8					
5.	Net GW availability for future use (ha.m)	:	0.0					
6.	Stage of GW extraction (%)	:	204.24 %					
7.	Category of block/taluk/(2023)	:	Over Exploited					
8.	Category of block/taluk/ in previous assessments		2023 Over Exploited	2020 Over Exploited	2017 Over Exploited	2013 Over Exploited	2011 Over Exploited	2009 Over Exploited
								2004 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)	RKVY	
		iv)	JJM	
	State Schemes	i)	State Plan Scheme for providing assistance on adopting water saving technologies (2402)	
		ii)	MPMV	
		iii)		
		iv)		

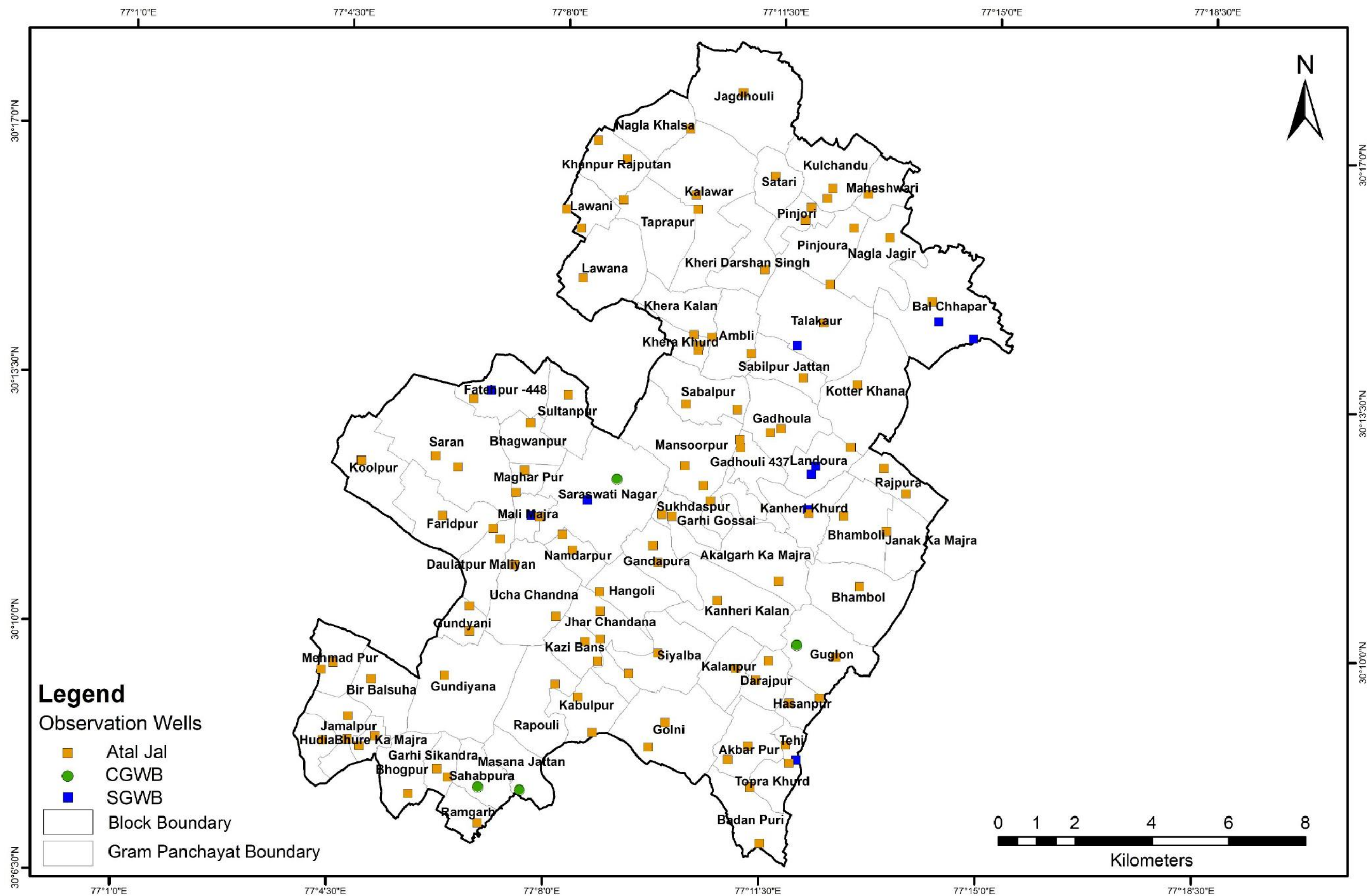
J. GROUND WATER RELATED ISSUES			
1.	Ground water related issues of the block		
	i) Issues related to GW availability	:	Due over exploitation of Groundwater, subsequently the present stage of ground water extraction is 204.2%
	ii) Issues related to GW quality	:	The ground water is alkaline in nature 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

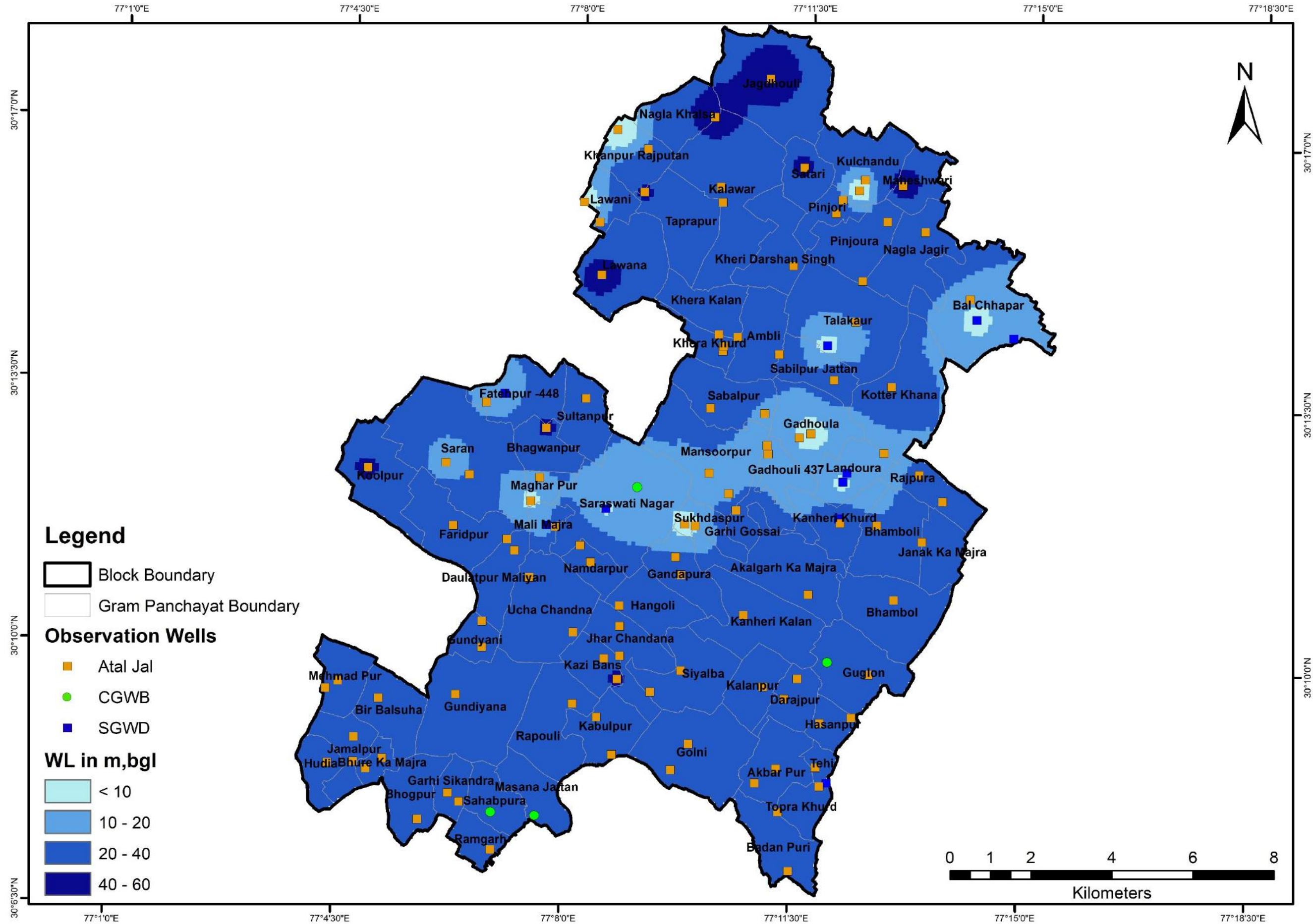
Location Map of Block- Saraswati Nagar, District- Yamuna Nagar, Haryana



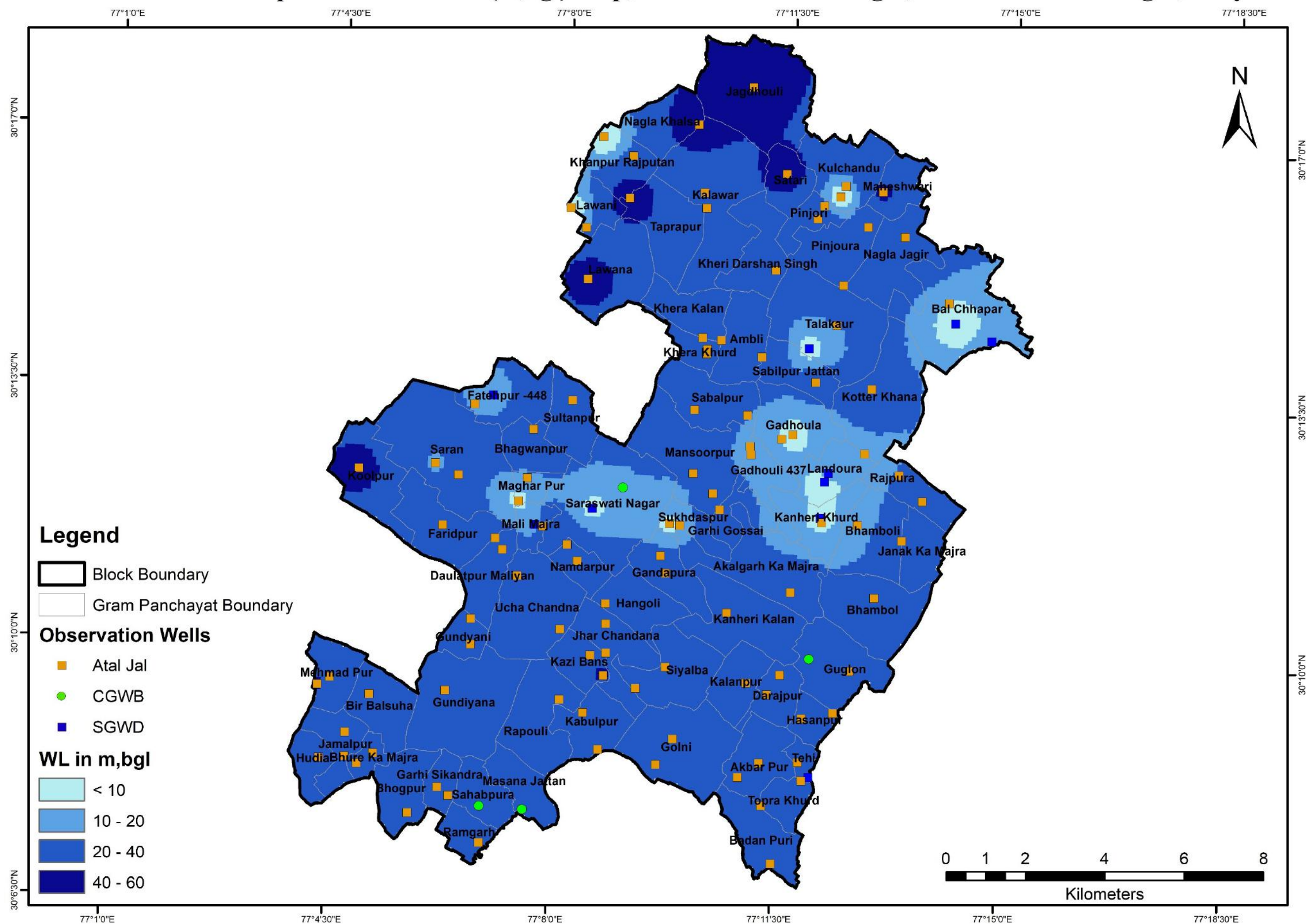
**Location of Observation Wells for Monitoring Water Levels and Water Quality,
Block-Saraswati Nagar, District- Yamunanagar, Haryana**



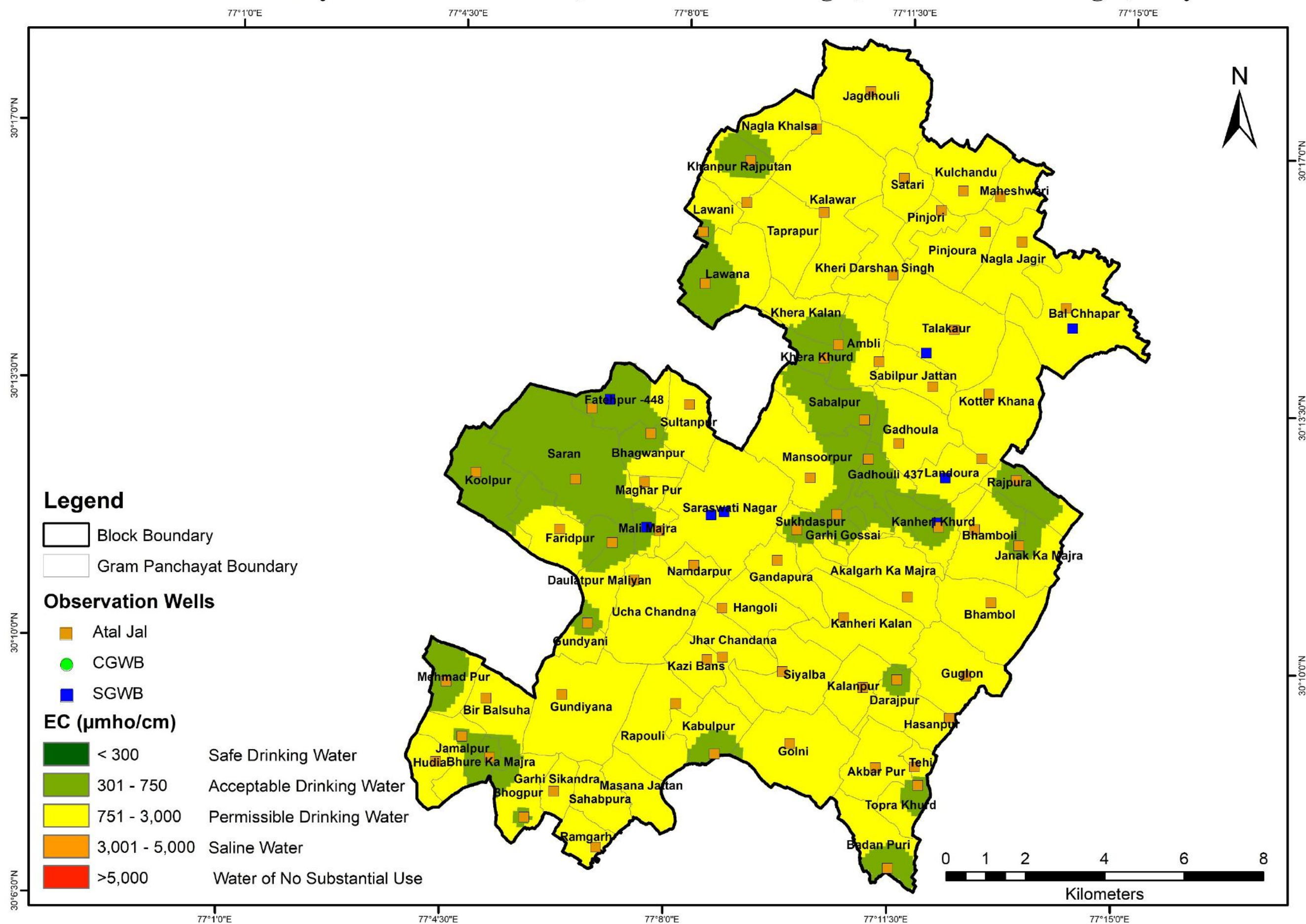
Pre Monsoon 2024 Depth to Water Level (m,bgl) Map, Block - Saraswati Nagar, District - Yamunanagar, Haryana



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



Electrical Conductivity of Groundwater-2024, Block - Saraswati Nagar, District - Yamunanagar, Haryana



ANNEXURE: 1
BASIC DATA OF MONITORING WELLS

State	Haryana			District	Yamuna Nagar				Block	Saraswati Nagar					
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.	HR_GW_989	Akalgarh Ka Majra_33409	Akalgarh Ka Majra	Govt. Primary School, Akalgarh Ka Majra	30.1816	77.1947	Piezometer	279	Semi-Confined To Confined	0.50	87	0.10	Both	Telemetric	Atal Jal
2.	GWL-06-076-00563-00033410-002	Akbar Pur_33410	Akbarpur	Near Anganvadi	30.1394	77.1825	Tube Well	276	Semi Confined to Confined	0.50	91	0.25	WL	Manual	Atal Jal-Private
3.	ABY_YMR_S NAGAR_Akbarpur_1	Akbar Pur_33410	Akabarpur	Fskir Chand	30.1428	77.1878	Tube Well	276	Semi confined to Unconfined	0.50	61	0.25	WQ	Manual	Atal Jal
4.	HR_GW_970	Ambli_33411	Ambli	Govt. Crematorium, Ambli	30.2348	77.1853	Piezometer	283	Unconfined To Semi-Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
5.	HR_GW_971	Badan Puri_33412	Modhli	Amberdkar Bhawan	30.1201	77.1918	Piezometer	276	Semi-Confined To Confined	0.50	66	0.10	Both	Telemetric	Atal Jal
6.	ABY_YMR_S NAGAR_Balchapper_1	Bal Chhapar_33413	Balchhapar	Darshan	30.2483	77.2337	Tube Well	284	Semi confined to Unconfined	0.30	55	0.90	WQ	Manual	Atal Jal
7.	HR_GW_999	Bhagwanpur_33414	Bhagwanpur/Saran	Govt. Middle School	30.2168	77.1262	Piezometer	281	Semi-Confined To Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
8.	HR_GW_990	Bhambol_33415	Bhambhol	Govt. Ss School, Bhambhol	30.1809	77.2165	Piezometer	282	Semi-Confined To Confined	0.50	61	0.10	Both	Telemetric	Atal Jal
9.	ABY_YMR_S NAGAR_Bhambholi_1	Bhamboli_33416	Bhambauli	Karan Singh	30.1974	77.2116	Tube Well	280	Semi confined to Unconfined	0.35	69	0.19	WQ	Manual	Atal Jal
10.	HR_GW_991	Bhogpur_33417	Bhogpur	Govt. Primary School, Bhogpur	30.1289	77.0966	Piezometer	276	Unconfined To Semi-Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
11.	GWL-06-076-00563-00033418-001	Bhure Ka Majra_33418	Bhure Ka Majra	Near Guga Madi	30.1398	77.0830	Bore Well	273	Semi Confined to Confined	0.10	73	0.25	WL	Manual	Atal Jal-Private
12.	ABY_YMR_S NAGAR_Bhure Ka Majra_1	Bhure Ka Majra_33418	Bhure Ka Majra	Suresh Pal	30.1422	77.0871	Tube Well	273	Semi confined to Unconfined	0.30	84	0.20	WQ	Manual	Atal Jal
13.	HR_GW_972	Bir Balsuha_33419	Bir Balsua	Govt. Primary School, Bir Balsua	30.1555	77.0856	Piezometer	275	Unconfined To Semi-Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
14.	GWL-06-076-00563-00033421-001	Darajpur_33421	Darajpur	Near Ravidas Mandir	30.1583	77.1894	Tube Well	279	Semi Confined to Confined	0.30	76	0.20	WL	Manual	Atal Jal-Private
15.	ABY_YMR_S NAGAR_Darajpur_1	Darajpur_33421	Darajpur	Pardeep	30.1628	77.1926	Tube Well	277	Semi confined to Unconfined	0.30	55	0.20	WQ	Manual	Atal Jal
16.	GWL-06-076-00563-00033422-001	Daulatpur Maliyan_33422	Daultpur Maliyan	Saraswati Mndir	30.1893	77.1191	Bore Well	280	Semi Confined to Confined	0.15	49	0.17	WL	Manual	Atal Jal-Private
17.	ABY_YMR_S NAGAR_Daulatpur Mahan_1	Daulatpur Maliyan_33422	Daulatpur	Suresh Saini	30.1918	77.1171	Tube Well	279	Semi confined to Unconfined	0.15	55	0.17	WQ	Manual	Atal Jal
18.	HR_GW_986	Faridpur_33423	Faridpur	Govt. Primary School, Faridpur	30.1944	77.1033	Piezometer	278	Semi-Confined To Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
19.	ABY_YMR_S NAGAR_Fatehpur_1	Fatehpur -448_33424	Fathepur	Amrik Singh	30.2221	77.1107	Tube Well	281	Semi confined to Unconfined	0.37	84	0.17	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
20.	GWL-06-076-00563-00033426-001	Gadhoula_33426	Gadhoula	Near Gurudwara	30.2174	77.1940	Dug Well	285	Semi Confined to Confined	0.40	31	2.40	WL	Manual	Atal Jal-Private
21.	ABY_YMR_S NAGAR_ Gadhaula_1	Gadhoula_33426	Gadaula	Tara Chand	30.2164	77.1911	Tube Well	284	Semi confined to Unconfined	0.48	87	1.53	WQ	Manual	Atal Jal
22.	GWL-06-076-00563-00033425-001	Gadhoulī 437_33425	Gadholi	Near Shamshan Ghat	30.2145	77.1829	Tube Well	283	Semi Confined to Confined	0.50	33	0.17	WL	Manual	Atal Jal-Private
23.	ABY_YMR_S NAGAR_ Gadhuali_1	Gadhoulī 437_33425	Gadhoulī	Lal Chand	30.2126	77.1832	Tube Well	284	Semi confined to Unconfined	0.50	61	0.21	WQ	Manual	Atal Jal
24.	GWL-06-076-00563-00033427-001	Gandapura_33427	Gandapura	Near Hangoli Road	30.1851	77.1620	Tube Well	280	Semi Confined to Confined	0.30	46	0.22	WL	Manual	Atal Jal-Private
25.	ABY_YMR_S NAGAR_Gandapura_1	Gandapura_33427	Gandapura	Ramji Lal	30.1890	77.1605	Tube Well	278	Semi confined to Unconfined	0.40	68	0.19	WQ	Manual	Atal Jal
26.	HR_GW_973	Garhi Gossai_33428	Garhi Gossai	Govt. Primary School, Garhi Gossai	30.1998	77.1755	Piezometer	280	Unconfined To Semi-Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
27.	GWL-06-076-00563-00033429-001	Garhi Sikandra_33429	Garhi Sikandra	Garhi Sikandra Sahahbpura Road	30.1331	77.1071	Tube Well	274	Semi Confined to Confined	0.20	73	0.25	WL	Manual	Atal Jal-Private
28.	ABY_YMR_S NAGAR_Garhi Sikandra_1	Garhi Sikandra_33429	Garhi Sikandra	Gopal	30.1350	77.1042	Tube Well	274	Semi confined to Unconfined	0.20	98	0.19	WQ	Manual	Atal Jal
29.	GWL-06-076-00563-00033430-001	Golni_33430	Golni	Near Gp School	30.1417	77.1610	Tube Well	276	Semi Confined to Confined	0.30	64	0.25	WL	Manual	Atal Jal-Private
30.	ABY_YMR_S NAGAR_Golni_1	Golni_33430	Golni	Suresh	30.1476	77.1653	Tube Well	278	Semi confined to Unconfined	0.30	99	0.19	WQ	Manual	Atal Jal
31.	HR_GW_974	Guglon_33431	Gugloon	Govt. Primary School, Gugloon	30.1642	77.2107	Piezometer	279	Semi-Confined To Confined	0.50	65	0.10	Both	Telemetric	Atal Jal
32.	HR_GW_992	Gundiyana_33432	Gudiyana	Govt. Crematorium, Gudiyana	30.1569	77.1054	Piezometer	275	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
33.	GWL-06-076-00563-00033433-001	Gundyani_33433	Gundyani	Near Swargpuri Gher	30.1675	77.1117	Tube Well	278	Semi Confined to Confined	0.22	62	0.23	WL	Manual	Atal Jal-Private
34.	ABY_YMR_S NAGAR_Gundiyani_1	Gundyani_33433	Gudiyani		30.1733	77.1115	Tube Well	276	Semi confined to Unconfined	0.21	45	0.19	WQ	Manual	Atal Jal
35.	HR_GW_987	Hangoli_33434	Hangoli	Old Jal Ghar Hangoli	30.1777	77.1464	Piezometer	278	Semi-Confined To Confined	0.50	75	0.10	Both	Telemetric	Atal Jal
36.	GWL-06-076-00563-00265012-001	Hasanpur_265012	Hasanpur	Near Govt School	30.1531	77.1986	Tube Well	284	Semi Confined to Confined	0.60	37	0.20	WL	Manual	Atal Jal-Private
37.	ABY_YMR_S NAGAR_Hasanpur_1	Hasanpur_265012	Hasanpur	Sulemaan	30.1545	77.2067	Tube Well	278	Semi confined to Unconfined	0.53	49	0.18	WQ	Manual	Atal Jal
38.	HR_GW_993	Hudia_265071	Hudia	Govt. Middle School, Hudia	30.1408	77.0731	Piezometer	275	Semi-Confined To Confined	0.50	70	0.10	Both	Telemetric	Atal Jal
39.	HR_GW_975	Jagdhoulī_33435	Jagdhoulī	Govt. Middle School, Jagdhoulī	30.2959	77.1808	Piezometer	292	Unconfined To Semi-Confined	0.50	70	0.10	Both	Telemetric	Atal Jal
40.	GWL-06-076-00563-00033436-001	Jamalpur_33436	Jmalpur	Near Govt School	30.1413	77.0797	Bore Well	274	Semi Confined to Confined	0.39	77	0.22	WL	Manual	Atal Jal-Private
41.	ABY_YMR_S NAGAR_Jamalpur_1	Jamalpur_33436	Jamalpur	Love Preet	30.1467	77.0797	Tube Well	275	Semi confined to Unconfined	0.38	85	0.17	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_976	Janak Ka Majra_298071	Janak Ka Majra	Govt. Crematorium, Janak Ka Majra	30.1941	77.2233	Piezometer	283	Unconfined To Semi-Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
43.	GWL-06-076-00563-00033437-001	Jhar Chandana_33437	Jharchandna	Phed Public Tubewell	30.1732	77.1467	Tube Well	277	Semi Confined to Confined	0.60	90	0.25	WL	Manual	Atal Jal-Private
44.	ABY_YMR_S NAGAR_Jhar chandna_1	Jhar Chandana_33437	Jhar Candana	Sherawar Singh	30.1666	77.1470	Tube Well	278	Semi confined to Unconfined	0.40	76	0.18	WQ	Manual	Atal Jal
45.	GWL-06-076-00563-00033438-001	Kabulpur_33438	Kabalpur	Sarpanch House	30.1529	77.1415	Tube Well	277	Semi Confined to Confined	0.15	46	0.25	WL	Manual	Atal Jal-Private
46.	ABY_YMR_S NAGAR_Kabulpur_1	Kabulpur_33438	Kabulpur	Satpal	30.1447	77.1457	Tube Well	276	Semi confined to Unconfined	0.37	54	0.20	WQ	Manual	Atal Jal
47.	HR_GW_977	Kalanpur_33440	Kalanpur	Govt. Primary School, Kalanpur	30.1608	77.1839	Piezometer	278	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
48.	GWL-06-076-00563-00033441-001	Kalawar_33441	Kalawar	Near Sarpanch House	30.2716	77.1690	Tube Well	291	Semi Confined to Confined	0.50	80	0.25	WL	Manual	Atal Jal-Private
49.	ABY_YMR_S NAGAR_Kalawar_1	Kalawar_33441	Kalawar	Navnish	30.2681	77.1696	Tube Well	287	Semi confined to Unconfined	0.48	113	0.43	WQ	Manual	Atal Jal
50.	HR_GW_994	Kanheri Kalan_33442	Kanheri Kalan	Govt. Middle School, Kanheri Kalan	30.1766	77.1782	Piezometer	278	Semi-Confined To Confined	0.50	62	0.10	Both	Telemetric	Atal Jal
51.	ABY_YMR_S NAGAR_Kanheri khurd_1	Kanheri Khurd_33443	Kanheri Khurd	Jagdeep	30.1977	77.2022	Tube Well	284	Semi confined to Unconfined	0.57	55	0.80	WQ	Manual	Atal Jal
52.	GWL-06-076-00563-00033439-001	Kazi Bans_33439	Kazibans	Near Samsan Ghat	30.1615	77.1465	Tube Well	277	Semi Confined to Confined	0.30	55	0.22	WL	Manual	Atal Jal-Private
53.	ABY_YMR_S NAGAR_Kajibans_1	Kazi Bans_33439	Kajibans	Karishan Kumar	30.1660	77.1429	Tube Well	279	Semi confined to Unconfined	0.47	67	0.16	WQ	Manual	Atal Jal
54.	GWL-06-076-00563-00033445-001	Khanpur Rajputan_33445	Khanpur Rajputana	On Road Muradpur To Dhanauri	30.2835	77.1420	Tube Well	286	Semi Confined to Confined	0.30	117	0.16	WL	Manual	Atal Jal-Private
55.	ABY_YMR_S NAGAR_Khanpur Rajputana_1	Khanpur Rajputan_33445	Khanpur Rajputana	Manish	30.2794	77.1499	Tube Well	286	Semi confined to Unconfined	0.25	122	0.18	WQ	Manual	Atal Jal
56.	GWL-06-076-00563-00033446-001	Khera Kalan_33446	Khera Kalan	Near Cemetery	30.2388	77.1696	Tube Well	284	Semi Confined to Confined	0.50	91	0.25	WL	Manual	Atal Jal-Private
57.	ABY_YMR_S NAGAR_Khera Kalan_1	Khera Kalan_33446	Khera Kalan	Vishal Singh	30.2383	77.1745	Tube Well	285	Semi confined to Unconfined	0.50	24	0.23	WQ	Manual	Atal Jal
58.	GWL-06-076-00563-00033447-001	Khera Khurd_33447	Khera Khurd	Near Gp School	30.2362	77.1709	Tube Well	285	Semi Confined to Confined	0.40	76	0.25	WL	Manual	Atal Jal-Private
59.	ABY_YMR_S NAGAR_Khera khurd_1	Khera Khurd_33447	Khera Khurd	Balkar Singh	30.2351	77.1708	Tube Well	285	Semi confined to Unconfined	0.40	46	0.25	WQ	Manual	Atal Jal
60.	HR_GW_978	Kheri Darshan Singh_33448	Kheri Darshan Singh	Govt. Primary School, Kheri Darshan Singh	30.2546	77.1881	Piezometer	287	Unconfined To Semi-Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
61.	HR_GW_988	Koolpur_33449	Koolpur	Govt. Primary School, Koolpur	30.2066	77.0810	Piezometer	280	Semi-Confined To Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
62.	HR_GW_979	Kotter Khana_33450	Kottar Khanna	Govt. Primary School, Kottar Khanna	30.2283	77.2142	Piezometer	284	Unconfined To Semi-Confined	0.50	67	0.10	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
63.	GWL-06-076-00563-00033451-001	Kulchandu_33451	Kulchandu	Near Kheda Baba	30.2717	77.2044	Dug Well	286	Semi Confined to Confined	0.52	38	1.35	WL	Manual	Atal Jal-Private
64.	ABY_YMR_S NAGAR_Kulchandu_1	Kulchandu_33451	Kulchandu	Jagmal Singh	30.2741	77.2058	Tube Well	286	Semi confined to Unconfined	0.36	15	1.20	WQ	Manual	Atal Jal
65.	ABY_YMR_S NAGAR_Landaura_1	Landoura_33452	Landaura	Preet Pal	30.2135	77.2129	Tube Well	284	Semi confined to Unconfined	0.40	70	0.16	WQ	Manual	Atal Jal
66.	HR_GW_995	Lawana_33453	Lawana	Govt. Primary School, Lawana	30.2512	77.1391	Piezometer	285	Unconfined To Semi-Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
67.	GWL-06-076-00563-00033454-001	Lawani_33454	Lawani	Near Sarpanch House	30.2672	77.1341	Tube Well	287	Semi Confined to Confined	0.30	18	0.16	WL	Manual	Atal Jal-Private
68.	ABY_YMR_S NAGAR_Labani_1	Lawani_33454	Lawani	Binder Singh	30.2628	77.1382	Tube Well	285	Semi confined to Unconfined	0.25	14	0.62	WQ	Manual	Atal Jal
69.	GWL-06-076-00563-00265056-001	Maghar Pur_265056	Magharpur	On The Mali Majra Road	30.2004	77.1229	Tube Well	279	Semi Confined to Confined	0.40	43	0.18	WL	Manual	Atal Jal-Private
70.	ABY_YMR_S NAGAR_Magarpur_1	Maghar Pur_265056	Magarpur	Vinod Kumar	30.2056	77.1250	Tube Well	280	Semi confined to Unconfined	0.40	46	0.18	WQ	Manual	Atal Jal
71.	HR_GW_996	Maheshwari_33455	Maheshwari	Govt. Primary School, Maheshwari	30.2731	77.2155	Piezometer	287	Unconfined To Semi-Confined	0.50	57	0.10	Both	Telemetric	Atal Jal
72.	HR_GW_980	Mali Majra_33456	Mali Majra	Govt. Primary School, Mali Majra	30.1948	77.1295	Piezometer	279	Semi-Confined To Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
73.	GWL-06-076-00563-00033457-001	Mansoorpur_33457	Mansoorpur	Near Aata Chakki	30.2035	77.1735	Tube Well	281	Semi Confined to Confined	0.39	91	0.25	WL	Manual	Atal Jal-Private
74.	ABY_YMR_S NAGAR_Mansoorpur_1	Mansoorpur_33457	Mansoorpur	Gurdev Singh	30.2079	77.1683	Tube Well	280	Semi confined to Unconfined	0.26	18	0.18	WQ	Manual	Atal Jal
75.	HR_GW_949	Mehmad Pur_33459	Mehmadpur	Govt. Primary School, Mehmادpur	30.1591	77.0752	Piezometer	265	Semi Confined to Confined	0.50	63	0.10	Both	Telemetric	Atal Jal
76.	GWL-06-076-00563-00033459-001	Mehmad Pur_33459	Mehmadpur	Govt School	30.1574	77.0720	Tube Well	271	Semi Confined to Confined	0.60	76	0.25	WL	Manual	Atal Jal-Private
77.	HR_GW_981	Nagla Jagir_33461	Nagla Jagir	Govt. Primary School, Nagla Jagir	30.2630	77.2216	Piezometer	288	Unconfined To Semi-Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
78.	HR_GW_997	Nagla Khalsa_33462	Nagla Khalsa	Govt. Primary School, Nagla Khalsa	30.2870	77.1668	Piezometer	288	Unconfined To Semi-Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
79.	GWL-06-076-00563-00033463-001	Namdarpur_33463	Namdarpur	Near Sarpanch House	30.1909	77.1359	Tube Well	280	Semi Confined to Confined	0.20	46	0.20	WL	Manual	Atal Jal-Private
80.	ABY_YMR_S NAGAR_Namdarpur_1	Namdarpur_33463	Namdarpur	Vinod Kumar	30.1872	77.1387	Tube Well	278	Semi confined to Unconfined	0.20	61	0.20	WQ	Manual	Atal Jal
81.	GWL-06-076-00563-00033465-001	Pinjori_33465	Pinjori	Pinjori To Pinjora Link Road	30.2665	77.1987	Tube Well	284	Semi Confined to Confined	0.20	62	0.25	WL	Manual	Atal Jal-Private
82.	ABY_YMR_S NAGAR_Pinjori_1	Pinjori_33465	Pinjori	Amar Singh	30.2695	77.2002	Tube Well	286	Semi confined to Unconfined	0.35	20	0.20	WQ	Manual	Atal Jal
83.	GWL-06-076-00563-00033464-001	Pinjoura_33464	Pinjoura	Near Shri Ram Mandir	30.2516	77.2059	Tube Well	284	Semi Confined to Confined	0.30	90	0.25	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
84.	ABY_YMR_S NAGAR_Pinjora_1	Pinjoura_33464	Pijaura	Jasbir Singh	30.2650	77.2119	Tube Well	286	Semi confined to Unconfined	0.33	91	0.20	WQ	Manual	Atal Jal
85.	GWL-06-076-00563-00033466-002	Rajpura_33466	Rajpura	Rajpura Road	30.2032	77.2283	Tube Well	283	Semi Confined to Confined	0.50	90	0.25	WL	Manual	Atal Jal-Private
86.	ABY_YMR_S NAGAR_Rajpura_1	Rajpura_33466	Rajpura	Balwinder	30.2089	77.2221	Tube Well	284	Semi confined to Unconfined	0.40	113	0.22	WQ	Manual	Atal Jal
87.	HR_GW_982	Ramgarh_265548	Ramgarh	Govt. Primary School, Ramgarh	30.1227	77.1155	Piezometer	277	Semi-Confined To Confined	0.50	67	0.10	Both	Telemetric	Atal Jal
88.	HR_GW_983	Rapouli_33467	Rapoli	Govt. Middle School, Rapoli	30.1557	77.1352	Piezometer	277	Semi-Confined To Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
89.	GWL-06-076-00563-00033468-001	Sabalpur_33468	Sabalpur	Near School	30.2224	77.1681	Tube Well	286	Semi Confined to Confined	0.50	46	0.20	WL	Manual	Atal Jal-Private
90.	ABY_YMR_S NAGAR_Sabalpur_1	Sabalpur_33468	Sabalpur	Jasbir Singh	30.2215	77.1820	Tube Well	283	Semi confined to Unconfined	0.33	76	0.23	WQ	Manual	Atal Jal
91.	HR_GW_998	Sabilpur Jattan_33469	Samblipur Jattan	Panchyat Land, Sabilpur Jattan	30.2295	77.1994	Piezometer	284	Unconfined To Semi-Confined	0.50	66	0.10	Both	Telemetric	Atal Jal
92.	GWL-06-076-00563-00033472-001	Saran_33472	Saran	Barara Road	30.2083	77.1009	Tube Well	280	Semi Confined to Confined	0.35	26	0.20	WL	Manual	Atal Jal-Private
93.	ABY_YMR_S NAGAR_Saran_1	Saran_33472	Saran	Sangram Singh	30.2058	77.1070	Tube Well	278	Semi confined to Unconfined	0.25	76	0.20	WQ	Manual	Atal Jal
94.	HR_GW_1000	Satari_33473	Satari	Govt. Primary School, Satari	30.2764	77.1902	Piezometer	290	Unconfined To Semi-Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
95.	GWL-06-076-00563-00033471-001	Siyalba_33471	Sialba	Near Mahrishi Valmiki Mandir	30.1588	77.1550	Tube Well	278	Semi Confined to Confined	0.17	76	0.20	WL	Manual	Atal Jal-Private
96.	ABY_YMR_S NAGAR_sialba_1	Siyalba_33471	Siyalba	Vijay Kumar	30.1638	77.1627	Tube Well	278	Semi confined to Unconfined	0.29	76	0.17	WQ	Manual	Atal Jal
97.	GWL-06-076-00563-00033474-001	Sukhdaspur_33474	Sukhdaspur	Sukhdaspur To Saraswati Nagar Link Road	30.1964	77.1626	Tube Well	279	Semi Confined to Confined	0.45	27	0.15	WL	Manual	Atal Jal-Private
98.	ABY_YMR_S NAGAR_sukhdaspur_1	Sukhdaspur_33474	Sukhdasapur	Mangat Ram	30.1960	77.1652	Tube Well	281	Semi confined to Unconfined	0.45	85	0.15	WQ	Manual	Atal Jal
99.	HR_GW_984	Sultanpur_33475	Sultanpur	Govt. Primary School, Sultanpur	30.2236	77.1362	Piezometer	281	Semi-Confined To Confined	0.50	69	0.10	Both	Telemetric	Atal Jal
100.	ABY_YMR_S NAGAR_Talakaur_1	Talakaur_33476	Talakaur	Mohamad Dilshad	30.2426	77.2046	Tube Well	285	Semi confined to Unconfined	0.07	160	0.53	WQ	Manual	Atal Jal
101.	HR_GW_985	Taprapur_265255	Tarapur	Govt. Crematorium, Tarapur	30.2698	77.1493	Piezometer	285	Unconfined To Semi-Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
102.	ABY_YMR_S NAGAR_Tehi Harijan_1	Tehi_298072	Tehi	Harinder	30.1432	77.1979	Tube Well	278	Semi confined to Unconfined	0.25	30	0.16	WQ	Manual	Atal Jal
103.	GWL-06-076-00563-00033477-002	Topra Khurd_33477	Toprakhurd	Near Cemetery	30.1331	77.1887	Tube Well	275	Semi Confined to Confined	0.70	76	0.25	WL	Manual	Atal Jal-Private
104.	ABY_YMR_S NAGAR_Topra khurd_1	Topra Khurd_33477	Topra Khurd	Rajender	30.1391	77.1990	Tube Well	276	Semi confined to Unconfined	0.60	46	0.23	WQ	Manual	Atal Jal
105.	GWL-06-076-00563-00033478-001	Ucha Chandna_33478	Uncha Chandna	Near Rattan Palace	30.1716	77.1348	Tube Well	276	Semi Confined to Confined	0.38	90	0.25	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
106.	ABY_YMR_S NAGAR_Unchanchandna_1	Ucha Chandna_33478	Ucha Chandana	Simarjeet	30.1834	77.1232	Tube Well	280	Semi confined to Unconfined	0.41	82	0.22	WQ	Manual	Atal Jal
107.	Bh_30.166_77.200	Bhamboli_33416	Bhambauli-1 (M)	Bhambauli-1 (M)	30.1667	77.2000	Piezometer	280	Unconfined to Semi Confined	0.81	150	0.10	WL	Manual	CGWB
108.	W301000077120001	Bhamboli_33416	Bhambauli-2 (D)	Bhambauli-2 (D)	30.1667	77.2000	Piezometer	280	Unconfined to Semi Confined	0.91	457	0.10	WL	Manual	CGWB
109.	W300755077072601	Masana Jattan_33458	Masana Jattan	Masana Jattan-Pz	30.1306	77.1265	Piezometer	277	Unconfined to Semi Confined	1.00	107	0.10	Both	Manual	CGWB
110.	W300737077065401	Sahabpura_33470	Shahabpura	Shahabpura-Pz	30.1310	77.1152	Piezometer	274	Unconfined to Semi Confined	1.00	55	0.10	Both	Manual	CGWB
111.	W301215077090001	Saraswati Nagar_33460	Mustafabad	Near Santulit Pashu Ahaar	30.2042	77.1500	Piezometer	279	Unconfined to Semi Confined	0.80	57	0.11	WL	Manual	CGWB
112.	Ba_30.2437_77.2355	Bal Chhappar_33413	Bal Chhappar	In Harizen Basti	30.2437	77.2355	Dug Well	284.64	Unconfined to Semi Confined	1.25	10	2.00	WL	Manual	SGWD
113.	Ch_30.1668_77.3342	Bal Chhappar_33413	Chaneti	Near Niwarsi Dera	30.2400	77.2451	Piezometer	287	Unconfined to Semi Confined	0.50	24	0.10	WL	Manual	SGWD
114.	Fa_30.2241_77.1154	Fatehpur -448_33424	Fatehpur	In Govt. Primary School	30.2241	77.1154	Tube Well	277.8	Unconfined to Semi Confined	0.70	45	0.25	WL	Manual	SGWD
115.	Ba_30.1987_77.2018	Kanheri Khurd_33443	Bari Kanri	In Govt. School	30.1987	77.2018	Tube Well	278.6	Unconfined to Semi Confined	0.70	45	0.25	WL	Manual	SGWD
116.	La_30.2089_77.2036	Landoura_33452	Landhoura	Near Road And Pond	30.2089	77.2036	Tube Well	279.66	Unconfined to Semi Confined	0.70	45	0.25	WL	Manual	SGWD
117.	Ma_30.1955_77.126	Landoura_33452	Mali Majra	Near Road And Pond	30.2069	77.2026	Dug Well	280.18	Unconfined to Semi Confined	1.25	12	2.00	WL	Manual	SGWD
118.	Ma_30.194_77.128	Mali Majra_33456	Mali Majra	Ghs	30.1951	77.1273	Piezometer	279	Unconfined to Semi Confined	0.50	12	0.50	WL	Manual	SGWD
119.	Sa_30.1991_77.1422	Saraswati Nagar_33460	Mustafabad	Near Road And Pond	30.1992	77.1422	Dug Well	279.62	Unconfined to Semi Confined	1.25	15	2.00	WL	Manual	SGWD
120.	Sa_30.199_77.142	Saraswati Nagar_33460	Mustafabad	Near Road And Pond	30.1992	77.1422	Piezometer	278	Unconfined to Semi Confined	0.65	30	0.10	WL	Telemetric	SGWD
121.	Ta_30.2371_77.1975	Talakaur_33476	Talakaur	Near Village Road	30.2371	77.1975	Piezometer	280.89	Unconfined to Semi Confined	0.65	37	0.10	WL	Telemetric	SGWD
122.	Te_30.1399_77.2009	Tehi_298072	Tehi Panchtirthi	Near Pond	30.1399	77.2009	Piezometer	275	Unconfined to Semi Confined	0.50	45	0.50	WL	Manual	SGWD

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

State	Haryana	District	Yamuna Nagar	Block	Saraswati Nagar
Month of Pre-monsoon Water Level Measurement					June
Month of Post-monsoon water Level measurement					October

S.No.	Observation Point	Source	Well Type	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	Akalgarh Ka Majra_33409	Atal Jal	Piezometer	30.1816	77.1947	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28	27.5	28.09	28.7
2	Ambli_33411	Atal Jal	Piezometer	30.2348	77.1853	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.8	35.4	28.02	36.62
3	Badan Puri_33412	Atal Jal	Piezometer	30.1201	77.1918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	20.9	22.28	22.37
4	Bhagwanpur_33414	Atal Jal	Piezometer	30.2168	77.1262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.3	40.4	42.23	40.1
5	Bhambol_33415	Atal Jal	Piezometer	30.1809	77.2165	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.38	23.7	20.7	23.88
6	Bhogpur_33417	Atal Jal	Piezometer	30.1289	77.0966	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.24	35.4	34.52	34.45
7	Bir Balsuha_33419	Atal Jal	Piezometer	30.1555	77.0856	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.2	39.2	38.4	38.02
8	Faridpur_33423	Atal Jal	Piezometer	30.1944	77.1033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.65	38.1	35.62	38.29
9	Garhi Gossai_33428	Atal Jal	Piezometer	30.1998	77.1755	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.15	31.4	29.25	32.11
10	Guglon_33431	Atal Jal	Piezometer	30.1642	77.2107	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.65	22.8	22.36	23.52
11	Gundiyaana_33432	Atal Jal	Piezometer	30.1569	77.1054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.6	38.8	34.8	35
12	Hangoli_33434	Atal Jal	Piezometer	30.1777	77.1464	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.42	31.4	30.05	32.45
13	Hudia_265071	Atal Jal	Piezometer	30.1408	77.0731	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.98	37.4	37.25	39.91
14	Jagdhoulī_33435	Atal Jal	Piezometer	30.2959	77.1808	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.9	45.88	43.75	50.19
15	Janak Ka Majra_298071	Atal Jal	Piezometer	30.1941	77.2233	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.9	23.4	20.1	23.98
16	Kalanpur_33440	Atal Jal	Piezometer	30.1608	77.1839	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.25	25.9	26.04	27.4
17	Kanheri Kalan_33442	Atal Jal	Piezometer	30.1766	77.1782	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.6	28.1	27.9	28.25
18	Kheri Darshan Singh_33448	Atal Jal	Piezometer	30.2546	77.1881	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.5	36.7	31.75	36.5
19	Koolpur_33449	Atal Jal	Piezometer	30.2066	77.0810	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.91	43.2	40.94	44.29
20	Kotter Khana_33450	Atal Jal	Piezometer	30.2283	77.2142	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.06	30.2	27.9	33.12
21	Lawana_33453	Atal Jal	Piezometer	30.2512	77.1391	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.62	41.6	44.35	46.75
22	Maheshwari_33455	Atal Jal	Piezometer	30.2731	77.2155	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.2	34.3	45.7	41.98
23	Mali Majra_33456	Atal Jal	Piezometer	30.1948	77.1295	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.48	33.6	37.08	34
24	Nagla Jagir_33461	Atal Jal	Piezometer	30.2630	77.2216	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.6	34	34.85	35.95
25	Nagla Khalsa_33462	Atal Jal	Piezometer	30.2870	77.1668	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.3	49.02	46.5	49.44
26	Ramgarh_265548	Atal Jal	Piezometer	30.1227	77.1155	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.62	33.3	31.1	30.45
27	Rapouli_33467	Atal Jal	Piezometer	30.1557	77.1352	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.4	33.7	31.18	33.7
28	Sabilpur Jattan_33469	Atal Jal	Piezometer	30.2295	77.1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	31.75	27.8	25.98
29	Satari_33473	Atal Jal	Piezometer	30.2764	77.1902	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.35	42.22	41.9	48.42
30	Sultanpur_33475	Atal Jal	Piezometer	30.2236	77.1362	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.56	35.25	26.67	30.75
31	Taprapur_265255	Atal Jal	Piezometer	30.2698	77.1493	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.5	43.3	41.2	49.72
32	Akbar Pur_33410	Atal Jal	Tube Well	30.1394	77.1825	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.72	22.9	23.35	25.9
33	Bhure Ka Majra_33418	Atal Jal	Bore Well	30.1398	77.0830	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.1	34.14	33.1	34.18
34	Darajpur_33421	Atal Jal	Tube Well	30.1583	77.1894	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.35	33.9	26.92	32.87
35	Daulatpur Maliyan_33422	Atal Jal	Bore Well	30.1893	77.1191	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.67	31.1	30.2	30.31
36	Gadhoulā_33426	Atal Jal	Dug Well	30.2174	77.1940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.77	4.09	4.36	5.06
37	Gadhoulī 437_33425	Atal Jal	Tube Well	30.2145	77.1829	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.89	16.28	16.58	19.4
38	Gandapura_33427	Atal Jal	Tube Well	30.1851	77.1620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.43	28.32	27.76	29.92
39	Garhi Sikandra_33429	Atal Jal	Tube Well	30.1331	77.1071	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.5	33.84	33.01	33.15

S.No.	Observation Point	Source	Well Type	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	
40	Golni_33430	Atal Jal	Tube Well	30.1417	77.1610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.7	22.19	26.38	27.2	
41	Gundyani_33433	Atal Jal	Tube Well	30.1675	77.1117	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.48	30.92	32.35	34.65	
42	Hasanpur_265012	Atal Jal	Tube Well	30.1531	77.1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.4	24	22.89	26.75	
43	Jamalpur_33436	Atal Jal	Bore Well	30.1413	77.0797	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	36.5	36.05	36.01	
44	Jhar Chandana_33437	Atal Jal	Tube Well	30.1732	77.1467	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.4	31.55	30.87	32.01	
45	Kabulpur_33438	Atal Jal	Tube Well	30.1529	77.1415	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	31.62	29.38	32.15	
46	Kalawar_33441	Atal Jal	Tube Well	30.2716	77.1690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.68	23.85	23.1	23.8	
47	Kazi Bans_33439	Atal Jal	Tube Well	30.1615	77.1465	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.99	43.5	41.6	41.2	
48	Khanpur Rajputan_33445	Atal Jal	Tube Well	30.2835	77.1420	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	2.5	2.6	3.42	
49	Khera Kalan_33446	Atal Jal	Tube Well	30.2388	77.1696	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.4	23.4	22.94	22.86	
50	Khera Khurd_33447	Atal Jal	Tube Well	30.2362	77.1709	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.43	26.98	26.75	29.3	
51	Kulchandu_33451	Atal Jal	Dug Well	30.2717	77.2044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	3.15	3.1	3.61	
52	Lawani_33454	Atal Jal	Tube Well	30.2672	77.1341	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8	4.55	4.8	5.12	
53	Maghar Pur_265056	Atal Jal	Tube Well	30.2004	77.1229	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.1	5.44	7.1	6.4	
54	Mansoorpur_33457	Atal Jal	Tube Well	30.2035	77.1735	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.05	16.94	17.28	20.21	
55	Mehmad Pur_33459	Atal Jal	Piezometer	30.1591	77.0752	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.82	37.19
56	Mehmad Pur_33459	Atal Jal	Tube Well	30.1574	77.0720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.91	35.43	35.4	40.71	
57	Namdarpur_33463	Atal Jal	Tube Well	30.1909	77.1359	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.9	32.99	31.95	33.11	
58	Pinjori_33465	Atal Jal	Tube Well	30.2665	77.1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.5	29.62	27.25	26.78	
59	Pinjoura_33464	Atal Jal	Tube Well	30.2516	77.2059	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.4	29.3	26.45	25.96	
60	Rajpura_33466	Atal Jal	Tube Well	30.2032	77.2283	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.65	28.02	27.8	28.03	
61	Sabalpur_33468	Atal Jal	Tube Well	30.2224	77.1681	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.58	28.35	27.7	28.68	
62	Saran_33472	Atal Jal	Tube Well	30.2083	77.1009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.4	15.55	16.1	19.12	
63	Siyalba_33471	Atal Jal	Tube Well	30.1588	77.1550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.03	29.04	27.17	28.4	
64	Sukhdaspur_33474	Atal Jal	Tube Well	30.1964	77.1626	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.55	6.44	5.45	7.85	
65	Topra Khurd_33477	Atal Jal	Tube Well	30.1331	77.1887	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.3	22.68	20.9	22.87	
66	Ucha Chandna_33478	Atal Jal	Tube Well	30.1716	77.1348	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.62	29.47	30.75	34	
67	Bhamboli_33416	CGWB	Piezometer	30.1667	77.2000	17.25	18.06	17.6	18.48	18.12	19.19	18.83	26.45	28.36	NA	18.85	19.29	19.34	23.99	19.42	20.61	24.03	21.14	23.18	23.86	
68	Bhamboli_33416	CGWB	Piezometer	30.1667	77.2000	23.42	18.02	24.8	26.69	24.73	27.73	26.05	18.14	20.05	18.69	24.7	27.59	25.49	20.1	22.82	24.28	20.75	19.62	19.84	20.45	
69	Masana Jattan_33458	CGWB	Piezometer	30.1306	77.1265	NA	NA	27.68	29.4	28.45	30.25	29.3	NA	31.1	31.2	NA	31.28	31.95	30.1	NA	NA	29.72	29.75	28.45	30	
70	Sahabpura_33470	CGWB	Piezometer	30.1310	77.1152	NA	NA	28.2	NA	29.46	30.75	30.23	30.66	28.8	29.52	NA	NA	29.95	NA	NA	NA	32.58	30.35	29.53	29.96	
71	Saraswati Nagar_33460	CGWB	Piezometer	30.2042	77.1500	12.4	12.35	13.03	12.5	13.2	12.9	13.4	16.33	12.9	NA	14.19	12.65	13.16	10.94	9.85	10.36	13.25	9.99	12.12	11.38	
72	Bal Chhapar_33413	SGWD	Dug Well	30.2437	77.2355	8.47	7.4	8.65	NA	8.7	8.3	8.75	7	8.85	7.1	6.55	6.4	7.95	6.9	7	5.5	7.4	4.4	7.85	4.68	
73	Bal Chhapar_33413	SGWD	Piezometer	30.2400	77.2451	18	16.6	18.14	NA	18.2	16.7	18.25	16.65	18.4	16.75	16.43	13.9	13.7	11.47	14.08	14.43	12.98	11.2	12.5	11.23	
74	Fatehpur -448_33424	SGWD	Tube Well	30.2241	77.1154	17.67	17.37	17.78	NA	17.85	17.45	17.9	16.4	18.15	18.6	18.25	18.23	15.65	14.15	14.05	13.8	13.61	13.06	13.61	14.49	
75	Kanheri Khurd_33443	SGWD	Tube Well	30.1987	77.2018	28.4	27.9	28.9	NA	29.4	28.4	29.9	28.4	30.15	30.65	30.25	28.5	NA	NA	27.65	27.15	26.4	29.9	27.8	7.7	
76	Landoura_33452	SGWD	Tube Well	30.2089	77.2036	15.5	15	16	NA	16.5	15.5	16.75	15.5	17	16.25	17.3	16.5	17	16.5	17.15	16.8	16.1	16	16	15.73	
77	Landoura_33452	SGWD	Dug Well	30.2069	77.2026	8.12	7.16	9.24	NA	9.26	9.55	9.3	8.55	9.55	7.95	9.75	8.05	8.35	6.25	8.15	6.75	6.55	4.95	6.47	3	
78	Mali Majra_33456	SGWD	Piezometer	30.1951	77.1273	8.12	7.16	9.24	NA	9.26	9.55	9.3	8.55	9.55	7.95	9.75	8.05	8.35	6.25	8.15	6.75	6.55	4.95	7.28	8.53	
79	Saraswati Nagar_33460	SGWD	Dug Well	30.1992	77.1422	7.35	7.15	7.37	NA	7.43	6.7	7.45	6.35	7.6	6.75	7.65	6.3	8.05	6.4	9.4	8.3	8.29	4.45	8.75	6.35	
80	Saraswati Nagar_33460	SGWD	Piezometer	30.1992	77.1422	12.4	12.3	12.07	NA	12.13	10.7	12.15	10.5	12.27	10.35	11.1	9.9	10.35	7.85	9.4	8.3	8.29	4.84	8.75	7.52	
81	Talakaur_33476	SGWD	Piezometer	30.2371	77.1975	9.77	9.35	8.71	NA	8.81	7.65	8.85	7.35	8.91	6.7	7.7	5.25	5.85	3.95	6.95	5.45	4.22	2.33	6.4	4.48	
82	Tehi_298072	SGWD	Piezometer	30.1399	77.2009	23.27	23.35	23.54	NA	23.62	23.75	23.75	23.05	23.9	21.9	21.93	21.53	21.76	22.66	20.01	20.41	21.64	19.54	23.68	24.95	

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

State	Haryana	District	Yamuna Nagar	Block	Saraswati Nagar
Month of Collection of samples for WQ monitoring*					May/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
Akalgarh Ka Majra_33409	Atal Jal	Piezometer	30.1816	77.1947	2023	7.87	433	26	162.8	51.3	8.4	21	6.7	0.0	142.8	19.9	42.8	0.23	18
Akalgarh Ka Majra_33409	Atal Jal	Piezometer	30.1816	77.1947	2024	7.71	1020	248	132.1	40.08	7.78	28	4	0.6	131.3	25.39	54.37	0.23	1.65
Akbar Pur_33410	Atal Jal	Tubewell	30.1428	77.1878	2024	8.99	850	497	264.2	81.76	14.58	56	8	23.88	237.7	50.86	106.7	0.46	7.7
Ambli_33411	Atal Jal	Piezometer	30.2348	77.1853	2023	8.03	493	340.2	207.2	63.1	12.1	42	8	0.0	184.5	24	64.1	0.2	12
Ambli_33411	Atal Jal	Piezometer	30.2348	77.1853	2024	7.64	878	312	164.1	51.3	8.75	35	5	0.7	163.3	31.89	68.46	0.29	3.2
Badan Puri_33412	Atal Jal	Pizeometer	30.1201	77.1918	2024	7.14	727	336	176.1	56.11	8.75	38	5	0.228	175.8	34.36	72.49	0.31	3.75
Bal Chhapar_33413	Atal Jal	Tubewell	30.2483	77.2337	2024	8.36	1071	596	316.3	97.79	17.5	67	9	6.719	305.3	60.96	128.9	0.55	10.15
Bhagwanpur_33414	Atal Jal	Piezometer	30.2168	77.1262	2023	8.16	579	359	182.6	57.18	9.65	40.5	12.9	0.0	160.0	29.3	99.7	0.23	25.8
Bhagwanpur_33414	Atal Jal	Piezometer	30.2168	77.1262	2024	8.13	703	312	164.1	51.3	8.75	35	5	2.1	161.9	31.89	68.46	0.29	3.2
Bhambol_33415	Atal Jal	Piezometer	30.1809	77.2165	2023	7.79	398	247	148	45.4	8.4	21	7.4	0.0	142.8	21	38	0.65	19
Bhambol_33415	Atal Jal	Piezometer	30.1809	77.2165	2024	7.88	960	252	132.1	41.68	6.81	28	4	0.9	131.0	25.8	54.37	0.23	1.7
Bhamboli_33416	Atal Jal	Tubewell	30.1974	77.2116	2024	7.27	933	532	280.2	88.17	14.58	60	8	0.49	279.5	54.46	114.8	0.49	8.6
Bhogpur_33417	Atal Jal	Piezometer	30.1289	77.0966	2023	8.12	550	379.5	207.2	63.1	12	61.7	6.7	0.0	172.5	24.7	83.1	0.23	20.2
Bhogpur_33417	Atal Jal	Piezometer	30.1289	77.0966	2024	7.7	740	306	160.1	49.7	8.75	34	5	0.8	159.2	31.27	66.45	0.28	3.05
Bhure Ka Majra_33418	Atal Jal	Tubewell	30.1422	77.0871	2024	9.22	579	360	192.2	59.32	10.69	40	6	29.33	161.9	36.84	78.53	0.33	4.35
Bir Balsuha_33419	Atal Jal	Piezometer	30.1555	77.0856	2023	7.53	665	425.6	246.7	73	15.7	58	12	0.0	196.4	38	92.6	0.3	22
Bir Balsuha_33419	Atal Jal	Piezometer	30.1555	77.0856	2024	7.73	1030	381	200.2	62.52	10.7	43	6	1.0	199.0	39	82.56	0.35	4.9
Darajpur_33421	Atal Jal	Tubewell	30.1628	77.1926	2024	8.5	688	397	208.2	65.73	10.7	45	6	6.183	201.8	40.65	86.58	0.36	5.25
Daulatpur Maliyan_33422	Atal Jal	Tubewell	30.1918	77.1171	2024	6.87	602	380	200.2	62.52	10.7	43	6	0.139	199.9	38.9	82.56	0.35	4.85
Faridpur_33423	Atal Jal	Piezometer	30.1944	77.1033	2023	7.6	546	377	242.2	43.26	32.59	38.05	9.04	0.0	169.6	30.81	91.82	0.21	27.11
Faridpur_33423	Atal Jal	Piezometer	30.1944	77.1033	2024	7.23	878	293	156.1	48.09	8.75	33	5	0.2	151.7	29.93	64.43	0.27	2.7
Fatehpur -448_33424	Atal Jal	Tubewell	30.2221	77.1107	2024	6.12	545	345	184.2	56.11	10.7	39	5	0.022	180	35.29	74.5	0.32	4
Gadhoula_33426	Atal Jal	Tubewell	30.2164	77.1911	2024	8.52	841	462	244.2	75.35	13.61	52	7	7.595	236.5	47.25	100.7	0.42	6.85
Gadhouli 437_33425	Atal Jal	Tubewell	30.2126	77.1832	2024	7.94	651	373	196.2	60.92	10.7	42	6	1.605	194.4	38.18	80.54	0.34	4.65
Gandapura_33427	Atal Jal	Tubewell	30.189	77.1605	2024	8.82	762	432	228.2	70.54	12.64	49	7	14.16	214.4	44.15	92.62	0.4	6.1
Garhi Gossai_33428	Atal Jal	Piezometer	30.1998	77.1755	2023	7.88	463	305.6	177.6	59.2	7.3	38	9	0.0	136.9	19.9	66.5	0.5	18
Garhi Gossai_33428	Atal Jal	Piezometer	30.1998	77.1755	2024	7.47	708	256	136.1	41.68	7.78	29	4	0.4	135.6	26.22	56.38	0.23	1.8
Garhi Sikandra_33429	Atal Jal	Tubewell	30.135	77.1042	2024	7.89	884	519	276.2	84.97	15.55	58	8	1.985	270	53.12	112.8	0.47	8.25
Golni_33430	Atal Jal	Tubewell	30.1476	77.1653	2024	6.48	825	499	264.2	81.76	14.58	56	8	0.075	263.9	51.06	108.7	0.46	7.75
Guglon_33431	Atal Jal	Piezometer	30.1642	77.2107	2023	7.91	496	288	192.4	57.2	12.1	24	9.4	0.0	148.8	18	52.3	0.23	20
Guglon_33431	Atal Jal	Piezometer	30.1642	77.2107	2024	7.97	1020	317	168.1	52.9	8.75	36	5	1.5	166.5	32.4	68.46	0.29	3.3
Gundiyana_33432	Atal Jal	Piezometer	30.1569	77.1054	2023	8.08	526	299.8	162.8	49.3	9.6	48.8	5.3	0.0	136.8	19.4	66.5	0.27	16
Gundiyana_33432	Atal Jal	Piezometer	30.1569	77.1054	2024	7.83	843	288	152.1	48.09	7.78	32	5	1.0	151.0	29.52	62.42	0.26	2.6
Gundyani_33433	Atal Jal	Tubewell	30.1733	77.1115	2024	8.17	734	467	248.2	76.95	13.61	53	7	3.392	240.6	47.76	100.7	0.43	7
Hangoli_33434	Atal Jal	Piezometer	30.1777	77.1464	2023	7.67	507	314	201	37.08	26.33	31.75	7.54	0.0	143.1	25.77	76.08	0.24	22.62
Hangoli_33434	Atal Jal	Piezometer	30.1777	77.1464	2024	7.81	990	279	148.1	46.49	7.78	31	4	0.9	147.1	28.59	60.41	0.26	2.4
Hasanpur_265012	Atal Jal	Tubewell	30.1545	77.2067	2024	7.9	782	456	240.2	75.35	12.64	51	7	1.792	238.2	46.63	98.66	0.42	6.7
Hudia_265071	Atal Jal	Piezometer	30.1408	77.0731	2023	7.25	677	413	291.1	82.8	20.5	49	13	0.0	208.3	22.9	66.5	0.65	27
Hudia_265071	Atal Jal	Piezometer	30.1408	77.0731	2024	7.47	882	407	216.2	67.33	11.67	46	6	0.6	211.4	41.68	88.6	0.37	5.5
Jagdhouli_33435	Atal Jal	Piezometer	30.2959	77.1808	2023	7.97	584	368	190	50	16.45	55	30	0.0	170.0	16	90	0.52	5
Jagdhouli_33435	Atal Jal	Piezometer	30.2959	77.1808	2024	8.17	978	351	184.2	57.71	9.73	39	5	2.6	181.4	35.91	76.52	0.32	4.15
Jamalpur_33436	Atal Jal	Tubewell	30.1467	77.0797	2024	8.29	741	416	220.2	68.93	11.67	47	7	4.032	215.9	42.61	90.61	0.38	5.7

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
Janak Ka Majra_298071	Atal Jal	Piezometer	30.1941	77.2233	2023	7.45	424	280	187.5	57.2	10.9	25	5.5	0.0	142.8	18	57	0.34	18
Janak Ka Majra_298071	Atal Jal	Piezometer	30.1941	77.2233	2024	7.72	718	270	144.1	44.89	7.78	30	4	0.7	139.3	27.66	58.39	0.25	2.15
Jhar Chandana_33437	Atal Jal	Tubewell	30.1666	77.147	2024	7.94	817	494	260.2	81.76	13.61	56	8	2.129	257.8	50.55	106.7	0.45	7.65
Kabulpur_33438	Atal Jal	Tubewell	30.1447	77.1457	2024	5.9	633	406	216.2	67.33	11.67	46	6	0.016	212	41.58	88.6	0.37	5.5
Kalanpur_33440	Atal Jal	Piezometer	30.1608	77.1839	2023	7.65	513	303	202.3	59.2	13.3	26	3.2	0.0	178.5	15.9	54.6	0.56	22
Kalanpur_33440	Atal Jal	Piezometer	30.1608	77.1839	2024	7.87	818	313	164.1	51.3	8.75	35	5	1.1	162.8	31.99	68.46	0.29	3.2
Kalawar_33441	Atal Jal	Tubewell	30.2681	77.1696	2024	6.29	996	570	300.2	94.58	15.56	64	9	0.055	299.9	58.28	122.8	0.52	9.5
Kanheri Kalan_33442	Atal Jal	Piezometer	30.1766	77.1782	2023	7.67	392	271	172.7	49.3	12	28	7	0.0	136.9	19.9	52.3	0.32	18
Kanheri Kalan_33442	Atal Jal	Piezometer	30.1766	77.1782	2024	7.5	878	211	112.1	35.27	5.83	24	3	0.3	111.7	21.58	46.31	0.19	0
Kanheri Khurd_33443	Atal Jal	Tubewell	30.1977	77.2022	2024	6.7	780	436	232.2	72.14	12.64	49	7	0.107	227.9	44.57	94.64	0.4	6.25
Kazi Bans_33439	Atal Jal	Tubewell	30.166	77.1429	2024	7.54	848	528	280.2	86.57	15.55	59	8	0.9	275.1	54.05	114.8	0.48	8.45
Khanpur Rajputan_33445	Atal Jal	Tubewell	30.2794	77.1499	2024	7.99	674	425	224.2	70.54	11.67	48	7	2.058	221.9	43.43	92.62	0.39	5.95
Khera Kalan_33446	Atal Jal	Tubewell	30.2383	77.1745	2024	6.87	592	328	172.1	54.51	8.75	37	5	0.12	171.9	33.54	70.47	0.3	3.6
Khera Khurd_33447	Atal Jal	Tubewell	30.2351	77.1708	2024	6.98	751	426	224.2	70.54	11.67	48	7	0.201	223.8	43.54	92.62	0.39	6
Kheri Darshan Singh_33448	Atal Jal	Piezometer	30.2546	77.1881	2023	8.39	757	492.1	241.8	74.9	13.3	67	14	0.0	196.4	42	135.4	0.4	24
Kheri Darshan Singh_33448	Atal Jal	Piezometer	30.2546	77.1881	2024	7.99	987	407	216.2	67.33	11.67	46	6	1.9	210.0	41.68	88.6	0.37	5.5
Koolpur_33449	Atal Jal	Piezometer	30.2066	77.081	2023	7.75	494	282	182.6	53.2	12	29	6.8	0.0	142.8	22	49.9	0.23	19
Koolpur_33449	Atal Jal	Piezometer	30.2066	77.081	2024	7.66	745	294	156.1	48.09	8.75	33	5	0.7	155.3	30.03	64.43	0.27	2.75
Kotter Khana_33450	Atal Jal	Piezometer	30.2283	77.2142	2023	7.92	466	298.2	162.8	55.2	6.1	29	8	0.0	119.0	18	87.9	0.5	18
Kotter Khana_33450	Atal Jal	Piezometer	30.2283	77.2142	2024	7.49	1140	253	132.1	41.68	6.81	28	4	0.4	131.6	25.91	54.37	0.23	1.75
Kulchandu_33451	Atal Jal	Tubewell	30.2741	77.2058	2024	7.13	1036	607	320.3	99.39	17.5	68	9	0.406	319.6	62.09	130.9	0.55	10.4
Landoura_33452	Atal Jal	Tubewell	30.2135	77.2129	2024	8.02	961	608	320.3	99.39	17.5	68	10	3.15	316.8	62.2	130.9	0.55	10.45
Lawana_33453	Atal Jal	Pizeometer	30.2512	77.1391	2024	8.71	709	302	160.1	49.7	8.75	34	5	7.713	152.4	30.86	64.43	0.28	2.95
Lawani_33454	Atal Jal	Tubewell	30.2628	77.1382	2024	7.55	742	430	228.2	70.54	12.64	48	7	0.747	223.2	43.95	92.62	0.39	6.1
Maghar Pur_265056	Atal Jal	Tubewell	30.2056	77.125	2024	7.43	789	500	264.2	81.76	14.58	56	8	0.668	263.3	51.16	108.7	0.46	7.8
Maheshwari_33455	Atal Jal	Piezometer	30.2731	77.2155	2023	8.55	891	570.2	310.8	82.8	25.3	86	23	18.0	244.0	52	102.1	0.3	39
Maheshwari_33455	Atal Jal	Piezometer	30.2731	77.2155	2024	8.22	879	549	292.2	89.77	16.53	62	9	4.5	283.5	56.22	118.8	0.5	9
Mali Majra_33456	Atal Jal	Piezometer	30.1948	77.1295	2023	7.56	697	439	283.5	51.5	37.61	44.35	10.54	0.0	201.4	35.95	107.6	0.29	31.61
Mali Majra_33456	Atal Jal	Piezometer	30.1948	77.1295	2024	7.78	829	368	196.2	60.92	10.7	41	6	1.1	190.9	37.66	80.54	0.34	4.55
Mansoorpur_33457	Atal Jal	Tubewell	30.2079	77.1683	2024	6.98	814	448	236.2	73.74	12.64	50	7	0.212	235.8	45.8	96.65	0.41	6.5
Mehmad Pur_33459	Atal Jal	Pizeometer	30.1591	77.0752	2024	6.73	599	343	180.1	56.11	9.72	39	5	0.091	179.9	35.08	74.5	0.32	3.95
Nagla Jagir_33461	Atal Jal	Pizeometer	30.263	77.2216	2024	7.66	1030	187	100.1	30.46	5.83	21	3	0.43	99.55	19.1	40.27	0.17	0
Nagla Khalsa_33462	Atal Jal	Piezometer	30.287	77.1668	2023	8.36	588	376.3	212.2	63.1	13.3	44	11	0.0	172.6	29	92.6	0.3	17
Nagla Khalsa_33462	Atal Jal	Piezometer	30.287	77.1668	2024	8.52	878	338	180.1	56.11	9.72	38	5	5.5	170.5	34.57	72.49	0.31	3.85
Namdarpur_33463	Atal Jal	Tubewell	30.1872	77.1387	2024	6.35	735	473	248.2	78.55	12.64	53	7	0.052	247.9	48.38	102.7	0.43	7.15
Pinjori_33465	Atal Jal	Tubewell	30.2695	77.2002	2024	8.09	781	465	244.2	76.95	12.64	52	7	2.822	241.1	47.56	100.7	0.43	6.95
Pinjoura_33464	Atal Jal	Tubewell	30.265	77.2119	2024	6.25	756	482	256.2	80.16	13.61	54	8	0.042	252	49.31	104.7	0.44	7.35
Rajpura_33466	Atal Jal	Tubewell	30.2089	77.2221	2024	7	483	269	144.1	44.89	7.78	30	4	0.132	139.9	27.56	58.39	0.25	2.15
Ramgarh_265548	Atal Jal	Piezometer	30.1227	77.1155	2023	7.54	447	279	177.6	51.3	12	30	6.9	0.0	142.8	22.9	47.5	0.38	21
Ramgarh_265548	Atal Jal	Piezometer	30.1227	77.1155	2024	7.16	1030	256	136.1	41.68	7.78	29	4	0.2	135.8	26.22	56.38	0.23	1.8
Rapouli_33467	Atal Jal	Piezometer	30.1557	77.1352	2023	7.68	575	373.8	227	69	13.3	47	8	0.0	184.5	28	59.4	0.2	16
Rapouli_33467	Atal Jal	Piezometer	30.1557	77.1352	2024	7.25	983	350	184.2	57.71	9.73	39	5	0.3	183.7	35.8	76.52	0.32	4.15
Sabalpur_33468	Atal Jal	Tubewell	30.2215	77.182	2024	6.49	537	302	160.1	49.7	8.75	34	5	0.046	160	30.86	64.43	0.28	2.95
Sabilpur Jattan_33469	Atal Jal	Piezometer	30.2295	77.1994	2023	7.96	471	325	192.4	59.2	10.9	32	12	0.0	160.7	28	59.4	0.6	22
Sabilpur Jattan_33469	Atal Jal	Piezometer	30.2295	77.1994	2024	8.01	1170	295	156.1	48.09	8.75	33	5	1.5	154.5	30.13	64.43	0.27	2.75
Saran_33472	Atal Jal	Tubewell	30.2058	77.107	2024	6.35	516	295	156.1	48.09	8.75	33	5	0.033	156	30.13	64.43	0.27	2.75
Satari_33473	Atal Jal	Piezometer	30.2764	77.1902	2023	8.03	613	380	200	50	16.46	60	30	0.0	180.0	16	100	0.34	5
Satari_33473	Atal Jal	Piezometer	30.2764	77.1902	2024	7.96	909	327	172.1	54.51	8.75	37	5	1.5	170.5	33.43	70.47	0.3	3.55

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
Siyalba_33471	Atal Jal	Tubewell	30.1638	77.1627	2024	6.87	1022	619	328.3	102.6	17.5	70	10	0.226	323.8	63.33	134.9	0.57	10.7
Sukhdaspur_33474	Atal Jal	Tubewell	30.196	77.1652	2024	8.15	691	434	228.2	72.14	11.67	49	7	3.027	224.9	44.36	94.64	0.4	6.15
Sultanpur_33475	Atal Jal	Piezometer	30.2236	77.1362	2023	7.67	460	290	192.4	55.2	13.2	30	7.8	0.0	178.5	18	47.5	0.34	18
Sultanpur_33475	Atal Jal	Piezometer	30.2236	77.1362	2024	7.94	938	274	144.1	44.89	7.78	31	4	1.2	142.8	28.07	58.39	0.25	2.25
Talakaaur_33476	Atal Jal	Tubewell	30.2426	77.2046	2024	7.99	1007	554	292.2	91.38	15.55	62	9	2.682	289.3	56.73	120.8	0.51	9.15
Taprapur_265255	Atal Jal	Piezometer	30.2698	77.1493	2023	7.29	1044	638.5	274.6	76.6	19.94	120	20	0.0	237.1	31.21	211.4	1.3	23.62
Taprapur_265255	Atal Jal	Piezometer	30.2698	77.1493	2024	7.35	823	610	324.3	101	17.5	69	10	0.7	319.3	62.4	132.9	0.56	10.5
Tehi_298072	Atal Jal	Tubewell	30.1432	77.1979	2024	6.07	964	620	328.3	102.6	17.5	70	10	0.036	324	63.43	134.9	0.57	10.7
Topra Khurd_33477	Atal Jal	Tubewell	30.1391	77.199	2024	6.15	624	400	212.2	65.73	11.67	45	6	0.028	212	40.96	86.58	0.37	5.35
Ucha Chandna_33478	Atal Jal	Tubewell	30.1834	77.1232	2024	6.03	866	489	260.2	80.16	14.58	55	8	0.026	256	50.03	106.7	0.45	7.55

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	Saraswati Nagar_563	Atal Jal	Akalgarh Ka Majra_33409	30.1816	77.1947	ND	ND	ND	433	1020
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Akbar Pur_33410	30.1428	77.1878	ND	ND	ND	ND	850
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Ambli_33411	30.2348	77.1853	ND	ND	ND	493	878
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Badan Puri_33412	30.1201	77.1918	ND	ND	ND	ND	727
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bal Chhapar_33413	30.2483	77.2337	ND	ND	ND	ND	1071
Yamunanagar_76	Saraswati Nagar_563	SGWB	BalChhappar	30.2438	77.2355	500	500	550	1700	1600
Yamunanagar_76	Saraswati Nagar_563	SGWB	Bari Kanri	30.1987	77.2018	600	850	500	650	570
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bhagwanpur_33414	30.2168	77.1262	ND	ND	ND	579	703
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bhambol_33415	30.1809	77.2165	ND	ND	ND	398	960
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bhamboli_33416	30.1974	77.2116	ND	ND	ND	ND	933
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bhogpur_33417	30.1289	77.0966	ND	ND	ND	550	740
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bhure Ka Majra_33418	30.1422	77.0871	ND	ND	ND	ND	579
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Bir Balsuha_33419	30.1555	77.0856	ND	ND	ND	665	1030
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Darajpur_33421	30.1628	77.1926	ND	ND	ND	ND	688
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Daulatpur Maliyan_33422	30.1918	77.1171	ND	ND	ND	ND	602
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Faridpur_33423	30.1944	77.1033	ND	ND	ND	546	878
Yamunanagar_76	Saraswati Nagar_563	SGWB	Fatehpur	30.2242	77.1154	900	900	900	1140	650
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Fatehpur -448_33424	30.2221	77.1107	ND	ND	ND	ND	545
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Gadhoula_33426	30.2164	77.1911	ND	ND	ND	ND	841
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Gadhouli 437_33425	30.2126	77.1832	ND	ND	ND	ND	651
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Gandapura_33427	30.189	77.1605	ND	ND	ND	ND	762
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Garhi Gossai_33428	30.1998	77.1755	ND	ND	ND	463	708
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Garhi Sikandra_33429	30.135	77.1042	ND	ND	ND	ND	884
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Golni_33430	30.1476	77.1653	ND	ND	ND	ND	825
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Guglon_33431	30.1642	77.2107	ND	ND	ND	496	1020
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Gundiyana_33432	30.1569	77.1054	ND	ND	ND	526	843
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Gundyani_33433	30.1733	77.1115	ND	ND	ND	ND	734
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Hangoli_33434	30.1777	77.1464	ND	ND	ND	507	990
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Hasanpur_265012	30.1545	77.2067	ND	ND	ND	ND	782
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Hudia_265071	30.1408	77.0731	ND	ND	ND	677	882
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Jagdhouli_33435	30.2959	77.1808	ND	ND	ND	584	978
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Jamalpur_33436	30.1467	77.0797	ND	ND	ND	ND	741
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Janak Ka Majra_298071	30.1941	77.2233	ND	ND	ND	424	718
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Jhar Chandana_33437	30.1666	77.147	ND	ND	ND	ND	817
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kabulpur_33438	30.1447	77.1457	ND	ND	ND	ND	633

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	Saraswati Nagar_563	Atal Jal	Kalanpur_33440	30.1608	77.1839	ND	ND	ND	513	818
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kalawar_33441	30.2681	77.1696	ND	ND	ND	ND	996
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kanheri Kalan_33442	30.1766	77.1782	ND	ND	ND	392	878
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kanheri Khurd_33443	30.1977	77.2022	ND	ND	ND	ND	780
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kazi Bans_33439	30.166	77.1429	ND	ND	ND	ND	848
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Khanpur Rajputan_33445	30.2794	77.1499	ND	ND	ND	ND	674
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Khera Kalan_33446	30.2383	77.1745	ND	ND	ND	ND	592
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Khera Khurd_33447	30.2351	77.1708	ND	ND	ND	ND	751
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kheri Darshan Singh_33448	30.2546	77.1881	ND	ND	ND	757	987
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Koolpur_33449	30.2066	77.081	ND	ND	ND	494	745
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kotter Khana_33450	30.2283	77.2142	ND	ND	ND	466	1140
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Kulchandu_33451	30.2741	77.2058	ND	ND	ND	ND	1036
Yamunanagar_76	Saraswati Nagar_563	SGWB	Landhoura	30.2089	77.2036	900	700	750	1000	800
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Landoura_33452	30.2135	77.2129	ND	ND	ND	ND	961
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Lawana_33453	30.2512	77.1391	ND	ND	ND	ND	709
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Lawani_33454	30.2628	77.1382	ND	ND	ND	ND	742
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Maghar Pur_265056	30.2056	77.125	ND	ND	ND	ND	789
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Maheshwari_33455	30.2731	77.2155	ND	ND	ND	891	879
Yamunanagar_76	Saraswati Nagar_563	SGWB	Mali Majra	30.1955	77.126	650	950	1000	1150	600
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Mali Majra_33456	30.1948	77.1295	ND	ND	ND	697	829
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Mansoorpur_33457	30.2079	77.1683	ND	ND	ND	ND	814
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Mehmad Pur_33459	30.1591	77.0752	ND	ND	ND	ND	599
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Nagla Jagir_33461	30.263	77.2216	ND	ND	ND	ND	1030
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Nagla Khalsa_33462	30.287	77.1668	ND	ND	ND	588	878
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Namdarpur_33463	30.1872	77.1387	ND	ND	ND	ND	735
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Pinjori_33465	30.2695	77.2002	ND	ND	ND	ND	781
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Pinjoura_33464	30.265	77.2119	ND	ND	ND	ND	756
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Rajpura_33466	30.2089	77.2221	ND	ND	ND	ND	483
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Ramgarh_265548	30.1227	77.1155	ND	ND	ND	447	1030
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Rapouli_33467	30.1557	77.1352	ND	ND	ND	575	983
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Sabalpur_33468	30.2215	77.182	ND	ND	ND	ND	537
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Sabilpur Jattan_33469	30.2295	77.1994	ND	ND	ND	471	1170
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Saran_33472	30.2058	77.107	ND	ND	ND	ND	516
Yamunanagar_76	Saraswati Nagar_563	SGWB	Saraswati Nagar	30.1988	77.1427	-	-	650	1450	1350
Yamunanagar_76	Saraswati Nagar_563	SGWB	Saraswati Nagar	30.1995	77.1461	800	750	750	1450	1350
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Satari_33473	30.2764	77.1902	ND	ND	ND	613	909
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Siyalba_33471	30.1638	77.1627	ND	ND	ND	ND	1022
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Sukhdaspur_33474	30.196	77.1652	ND	ND	ND	ND	691
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Sultanpur_33475	30.2236	77.1362	ND	ND	ND	460	938
Yamunanagar_76	Saraswati Nagar_563	SGWB	Talakaaur	30.2371	77.1975	850	950	600	1260	900
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Talakaaur_33476	30.2426	77.2046	ND	ND	ND	ND	1007
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Taprapur_265255	30.2698	77.1493	ND	ND	ND	1044	823
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Tehi_298072	30.1432	77.1979	ND	ND	ND	ND	964
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Topra Khurd_33477	30.1391	77.199	ND	ND	ND	ND	624
Yamunanagar_76	Saraswati Nagar_563	Atal Jal	Ucha Chandna_33478	30.1834	77.1232	ND	ND	ND	ND	866

