

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : RADOUR

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	:	RADOUR
BLOCK/TALUK HQs	:	RADOUR

A	GENERAL INFORMATION				
1.	Geographical area (Ha)	:	24664		
2.	No. of Gram Panchayats	:	69		
3.	No. of towns	:	1		
4.	No. of villages	:	84		
5.	Population (2011)	:	Male	Female	Total
			54317	50158	104475
6	Rainfall (mm)(2023)	:	Monsoon	Non-monsoon	Annual
			1052	432	1485
7.	River basin	:	Yamuna and Ghaggar river basin		
8.	Major soil types	:	Loamy Sand		

B	LAND USE (2023-24)			
1.	Forest area (Ha)	:	0	
2.	Cultivable area (Ha)	:	24226.2	
3.	Net sown area (Ha)	:	19500.8	
4.	Gross cropped area (Ha)	:	37353.4	

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)	:	19500.8				
2.	Gross irrigated area (Ha)	:	37353.4				
3.	Area under irrigation (Ha) (Source-wise)	:	DW	BW/TW	Tanks/ Ponds	Canal s	Others
		-	19500.8	-		-	

E	GEOLOGY & HYDROGEOLOGY			
1.	Predominant rock type	:	Sand, Silt, Clay, Gravel and Kankar	
2.	Major geological formations	:	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		
		0	0	5	5	5	10	91	106		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		5	5	65	0	5	31	0	5	31	
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)	:	5.2/Potli_33528				32.19/Jhinverheri_33506				
	Post-monsoon (Oct/Nov 2024)	:	4.77/Lakshi Bans_33515				36.11/Purangarh_33529				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-8.13/Purangarh_33529				1.95/Sikandra_33540					

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	0	0	0	4	9	68	81
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							

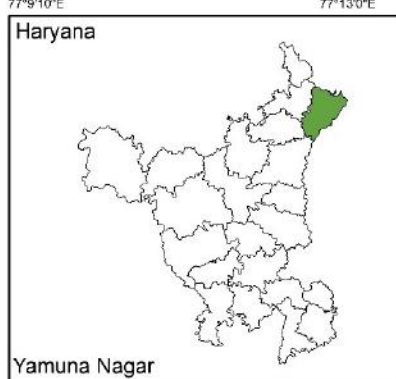
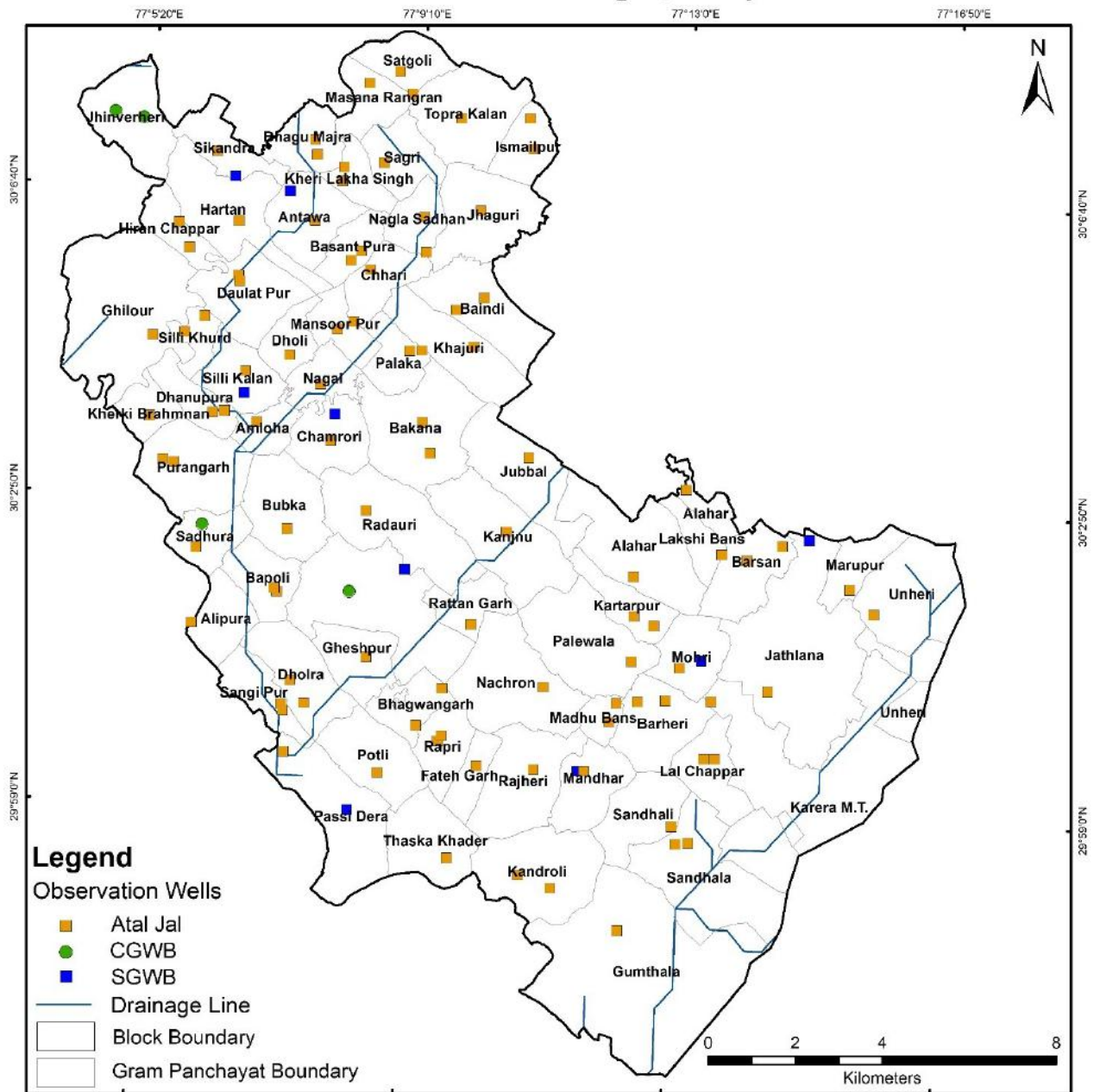
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	3610.2					
4.	Current annual GW extraction (ha.m)	:	5319.6					
5.	Net GW availability for future use (ha.m)	:	0.0					
6.	Stage of GW extraction (%)	:	208.22 %					
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)	MNREGA	
		iii)	RKVY	
		iv)	JJM	
	State Schemes	i)	State Plan Scheme for providing assistance on adopting water saving technologies (2402)	
		ii)	MPMV	

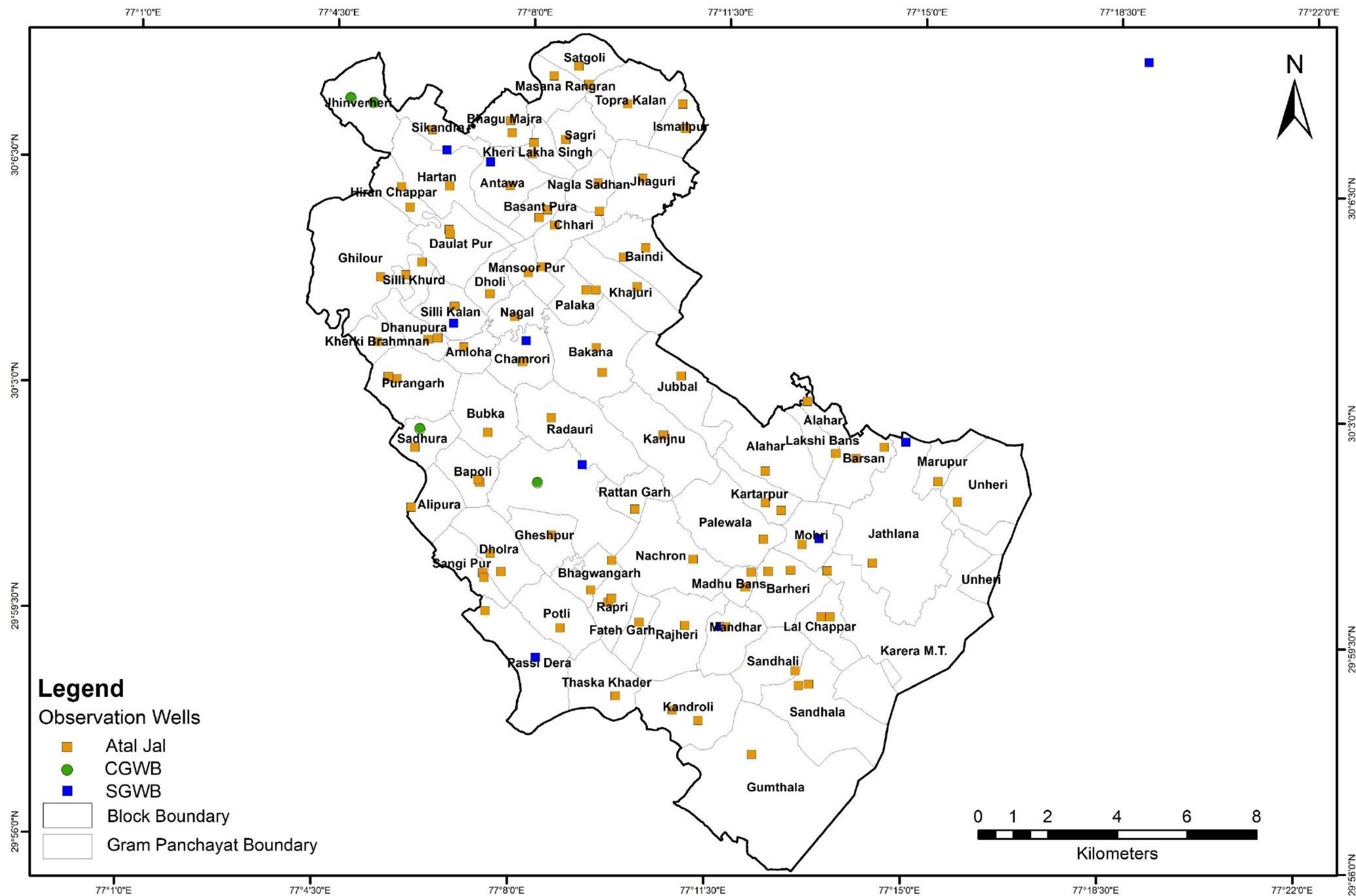
J GROUND WATER RELATED ISSUES			
1.	Ground water related issues of the block		
	i) Issues related to GW availability	:	Due to Groundwater over exploitation subsequently the present stage of ground water extraction is 208%
	ii) Issues related to GW quality	:	The ground water is alkaline in nature and 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

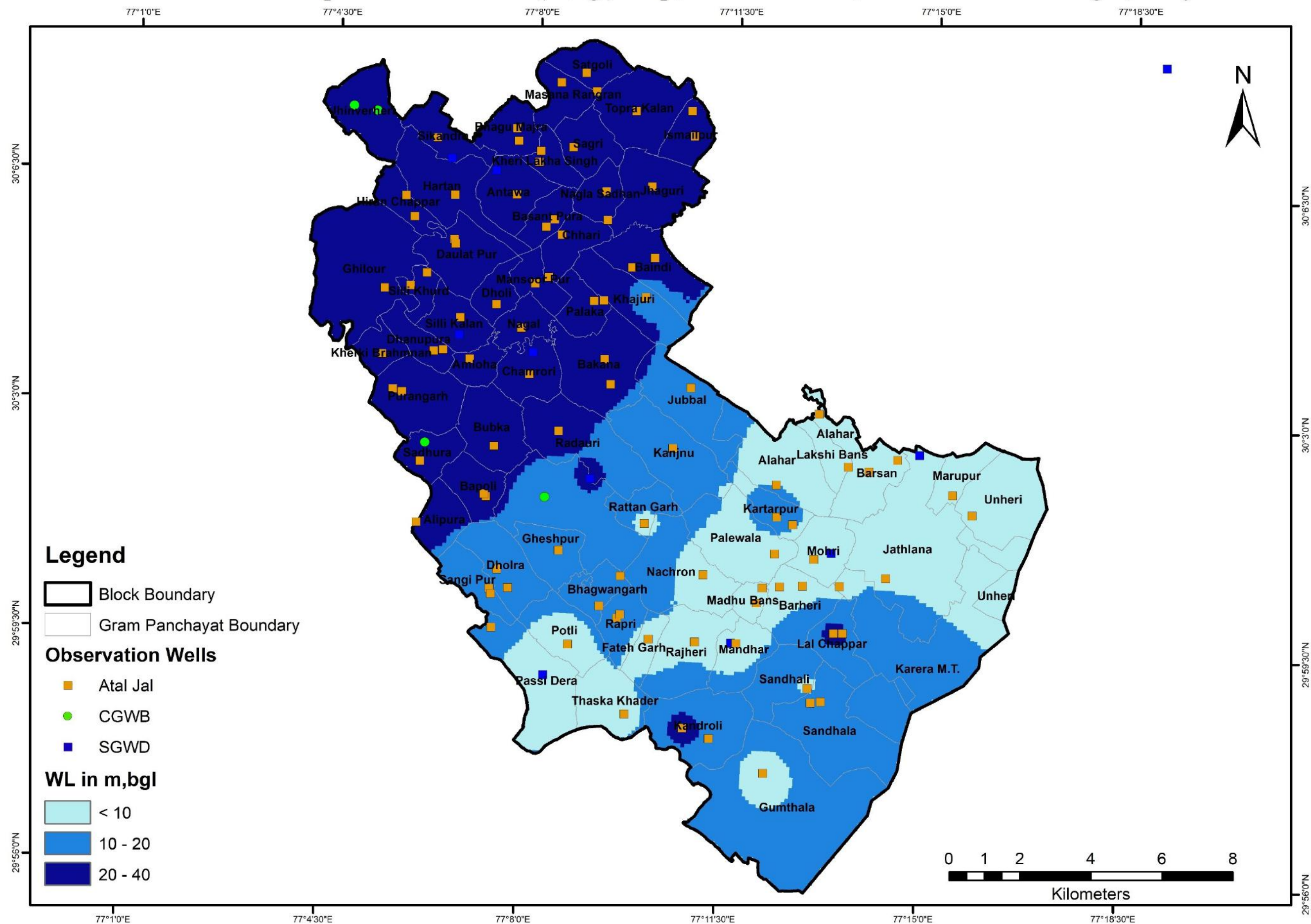
Location Map of Block- Radaur, District- Yamuna Nagar, Haryana



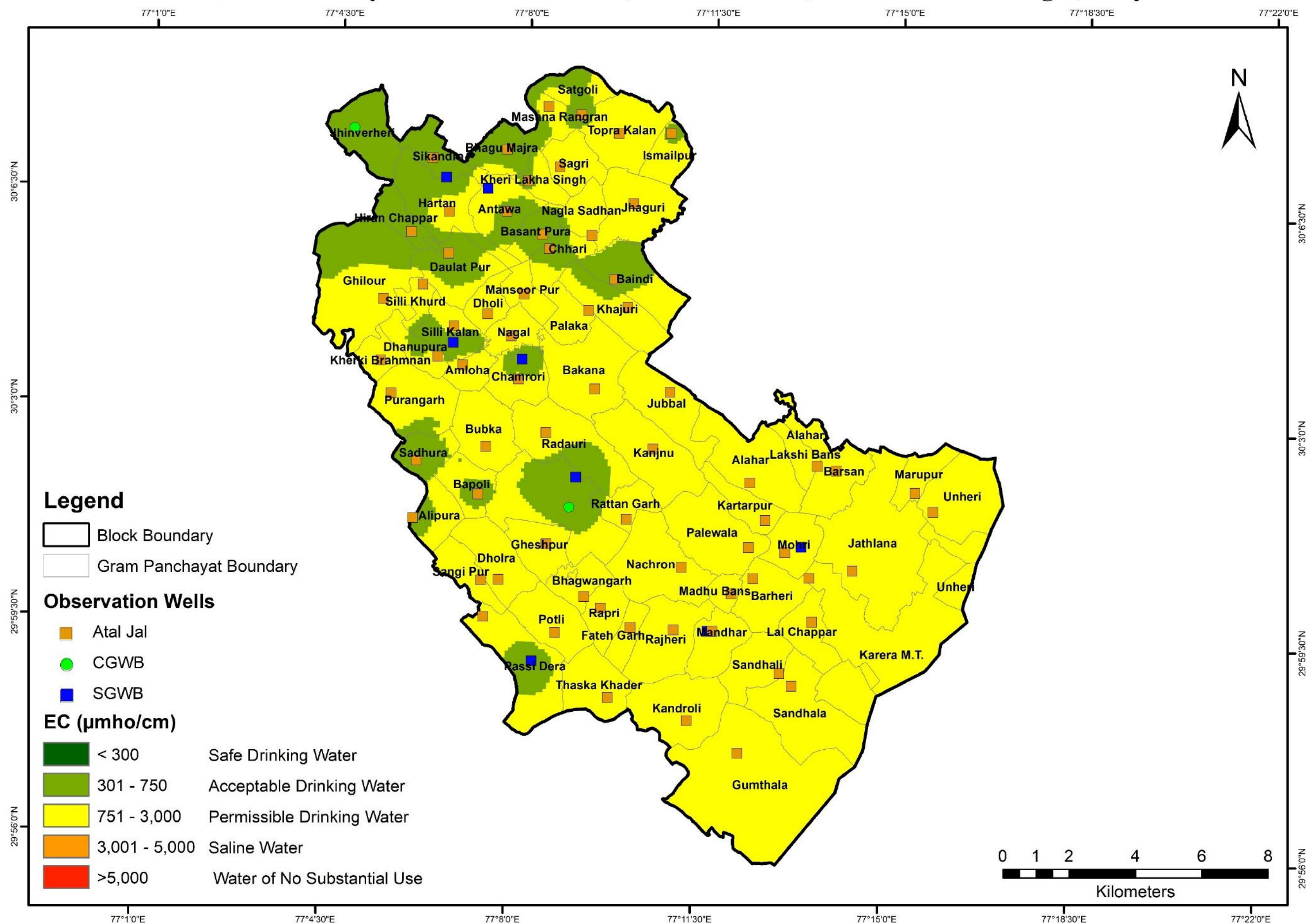
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block- Radaur, District- Yamunanagar, Haryana



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



Electrical Conductivity of Groundwater-2024, Block - Radaur, District - Yamunanagar, Haryana



ANNEXURE: 1
BASIC DATA OF MONITORING WELLS

State		Haryana		District	Yamuna Nagar			Block		Radour					
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-06-076-00564-00033479-002	Alahar_33479	Alahar	On The Road Alahar Kanjnu Road	30.0515	77.2181	Bore Well	266	Unconfined to Semi-Confined	0.28	58	0.15	WL	Manual	Atal Jal-Private
2.	ABY_YMR_RAD_ Alahar_1	Alahar_33479	Alahar	Samay Singh	30.0332	77.2062	Tube Well	265	Semi confined to Unconfined	0.22	24	0.11	WQ	Manual	Atal Jal
3.	HR_GW_918	Alipura_33480	Alipura	Govt. Middle School, Alipura	30.0208	77.1014	Piezometer	266	Semi-Confined To Confined	0.50	72	0.10	Both	Telemetric	Atal Jal
4.	HR_GW_936	Amloha_33481	Amloha	Govt. Primary School, Almoha	30.0627	77.1154	Piezometer	270	Semi-Confined To Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
5.	ABY_YMR_RAD_ Antawa_1	Antawa_33482	Antawa	Rampal	30.1048	77.1276	Tube Well	272	Semi confined to Unconfined	0.18	76	0.14	WQ	Manual	Atal Jal
6.	GWL-06-076-00564-00033483-001	Baindi_33483	Baindi	Satpal,S House	30.0898	77.1686	Bore Well	272	Unconfined to Semi-Confined	0.50	61	0.25	WL	Manual	Atal Jal-Private
7.	ABY_YMR_RAD_ Baindi_1	Baindi_33483	Baindi	Balwan	30.0873	77.1620	Tube Well	272	Semi confined to Unconfined	0.23	84	0.15	WQ	Manual	Atal Jal
8.	GWL-06-076-00564-00033484-001	Bakana_33484	Bakana	Govt. School	30.0637	77.1548	Bore Well	276	Unconfined to Semi-Confined	0.12	46	0.20	WL	Manual	Atal Jal-Private
9.	ABY_YMR_RAD_ Bakana_1	Bakana_33484	Bakana	Manohar Lal	30.0574	77.1568	Tube Well	272	Semi confined to Unconfined	0.21	55	0.13	WQ	Manual	Atal Jal
10.	GWL-06-076-00564-00033486-002	Bapoli_33486	Bapoli	Bhure Ka Tubwell	30.0285	77.1208	Bore Well	270	Unconfined to Semi-Confined	0.58	76	0.15	WL	Manual	Atal Jal-Private
11.	ABY_YMR_RAD_ bapuoli_1	Bapoli_33486	Bapouli	Gurjeet	30.0278	77.1215	Tube Well	267	Semi confined to Unconfined	0.58	76	0.15	WQ	Manual	Atal Jal
12.	GWL-06-076-00564-00033487-002	Barheri_33487	Barheri	Near Manga Ram House	30.0077	77.2148	Hand Pump	264	Unconfined to Semi-Confined	0.12	37	0.10	WL	Manual	Atal Jal-Private
13.	ABY_YMR_RAD_ Barheri_1	Barheri_33487	Barheri	Ashok	30.0073	77.2081	Tube Well	261	Semi confined to Unconfined	0.17	36	0.17	WQ	Manual	Atal Jal
14.	GWL-06-076-00564-00033488-002	Barsan_33488	Barsan	Near Jai Singh House	30.0404	77.2414	Bore Well	266	Unconfined to Semi-Confined	0.18	37	0.20	WL	Manual	Atal Jal-Private
15.	ABY_YMR_RAD_ Barsan_1	Barsan_33488	Barsan	Jai Singh	30.0372	77.2332	Tube Well	264	Semi confined to Unconfined	0.14	15	0.20	WQ	Manual	Atal Jal
16.	GWL-06-076-00564-00033489-001	Basant Pura_33489	Basantpura	Mansingh, House	30.0968	77.1365	Bore Well	273	Unconfined to Semi-Confined	0.47	48	0.20	WL	Manual	Atal Jal-Private
17.	ABY_YMR_RAD_ Basantpura_1	Basant Pura_33489	Basantpura	Ram Kumar	30.0989	77.1389	Tube Well	274	Semi confined to Unconfined	0.22	79	0.13	WQ	Manual	Atal Jal
18.	GWL-06-076-00564-00033490-001	Bhagu Majra_33490	Bhagu Majra	Mohit'S Home	30.1185	77.1277	Bore Well	273	Unconfined to Semi-Confined	0.20	42	0.25	WL	Manual	Atal Jal-Private
19.	ABY_YMR_RAD_ Bhagu Majra_1	Bhagu Majra_33490	Bhagu Majra	Tikka Singh	30.1216	77.1271	Tube Well	273	Semi confined to Unconfined	0.13	76	0.15	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-06-076-00564-00033491-001	Bhagwanganrh_33491	Bhagwanganrh	Guga Madi	30.0088	77.1615	Dug Well	259	Unconfined to Semi-Confined	0.50	32	1.20	WL	Manual	Atal Jal-Private
21.	ABY_YMR_RAD_ Bhagwanganrh_1	Bhagwanganrh_33491	Bhagwanganrh	Ranjeet Singh	30.0010	77.1556	Tube Well	258	Semi confined to Unconfined	0.77	45	0.55	WQ	Manual	Atal Jal
22.	HR_GW_937	Bubka_33492	Bubka	Govt. Middle School, Bubka	30.0407	77.1234	Piezometer	269	Semi-Confined To Confined	0.50	59	0.10	Both	Telemetric	Atal Jal
23.	ABY_YMR_RAD_ Chamrori_1	Chamrori_33493	Chamrori	Vedparkash	30.0593	77.1330	Tube Well	270	Semi confined to Unconfined	0.30	67	0.15	WQ	Manual	Atal Jal
24.	GWL-06-076-00564-00033494-001	Chhari_33494	Chhari	Jagmal,S Tubewell	30.0841	77.1377	Bore Well	273	Unconfined to Semi-Confined	0.30	86	0.25	WL	Manual	Atal Jal-Private
25.	ABY_YMR_RAD_chari_1	Chhari_33494	Chhari	Chotu Ram	30.0950	77.1412	Tube Well	274	Semi confined to Unconfined	0.40	76	0.15	WQ	Manual	Atal Jal
26.	GWL-06-076-00564-00033495-001	Daulat Pur_33495	Daulatpur	Kaka,S Borrwel	30.0918	77.1102	Bore Well	272	Unconfined to Semi-Confined	0.10	91	0.25	WL	Manual	Atal Jal-Private
27.	ABY_YMR_RAD_Daulatpur_1	Daulat Pur_33495	Daulat Pur	Isham Singh	30.0929	77.1098	Tube Well	272	Semi confined to Unconfined	0.10	91	0.25	WQ	Manual	Atal Jal
28.	GWL-06-076-00564-00265544-002	Dhanupura_265544	Dhanupura	Panchayat Bhavan	30.0644	77.1048	Tube Well	270	Unconfined to Semi-Confined	0.25	50	0.20	WL	Manual	Atal Jal-Private
29.	ABY_YMR_RAD_Dhanpura_1	Dhanupura_265544	Dhanupura	Ram Nath	30.0648	77.1075	Tube Well	266	Semi confined to Unconfined	0.23	91	0.18	WQ	Manual	Atal Jal
30.	HR_GW_933	Dholi_33496	Dholi	Govt. Primary School,Dholi	30.0767	77.1227	Piezometer	271	Semi-Confined To Confined	0.50	72	0.10	Both	Telemetric	Atal Jal
31.	GWL-06-076-00564-00033497-002	Dholra_33497	Dhaulra	Ravidas Mandir	30.0095	77.1253	Bore Well	265	Unconfined to Semi-Confined	0.25	73	0.25	WL	Manual	Atal Jal-Private
32.	ABY_YMR_RAD_ Dholera_1	Dholra_33497	Dholra	Sanjeev	30.0048	77.1287	Tube Well	261	Semi confined to Unconfined	0.18	51	0.18	WQ	Manual	Atal Jal
33.	HR_GW_938	Fateh Garh_33498	Fatehgarh	Veterinary Hospital, Fatehgarh	29.9929	77.1703	Piezometer	259	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
34.	HR_GW_920	Gheshpur_33499	Gheshpur	Govt. Primary School, Ghespur	30.0148	77.1432	Piezometer	265	Semi-Confined To Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
35.	HR_GW_939	Ghilour_33500	Ghilour	Govt. Primary School, Ghilour	30.0800	77.0899	Piezometer	270	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
36.	HR_GW_940	Gumthala_33501	Gumthala	Govt. Sen. Sec. School	29.9598	77.2050	Piezometer	261	Semi-Confined To Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
37.	HR_GW_921	Hartan_33502	Hartan	Community Hall, Hartan	30.1042	77.1096	Piezometer	271	Semi-Confined To Confined	0.50	77	0.10	Both	Telemetric	Atal Jal
38.	GWL-06-076-00564-00033503-002	Hiran Chappar_33503	Hiran Chappar	Shiv Temple	30.1036	77.0953	Tube Well	270	Unconfined to Semi-Confined	0.70	50	0.25	WL	Manual	Atal Jal-Private
39.	ABY_YMR_RAD_Hirran chapper_1	Hiran Chappar_33503	Hiran Chappar	Gurmale	30.0984	77.0980	Tube Well	271	Semi confined to Unconfined	0.30	113	0.16	WQ	Manual	Atal Jal
40.	GWL-06-076-00564-00245505-001	Ismailpur_245505	Ismailpur	Main Road	30.1211	77.1792	Bore Well	275	Unconfined to Semi-Confined	0.32	98	0.30	WL	Manual	Atal Jal-Private
41.	ABY_YMR_RAD_Ismailpur_1	Ismailpur_245505	Ismailpur	Pammi	30.1274	77.1781	Tube Well	275	Semi confined to Unconfined	0.17	54	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.	ABY_YMR_RAD_Jathlana_1	Jathlana_33505	Jathlana	Mandir Bara	30.0103	77.2390	Tube Well	264	Semi confined to Unconfined	0.31	81	0.66	WQ	Manual	Atal Jal
43.	HR_GW_922	Jhaguri_33504	Jhaguri	Govt. Primary School,Jhaguri	30.1079	77.1670	Piezometer	276	Semi-Confined To Confined	0.50	64	0.10	Both	Telemetric	Atal Jal
44.	HR_GW_941	Jubbal_33507	Jubbal	Govt. Primary School, Jubbal	30.0571	77.1804	Piezometer	271	Semi-Confined To Confined	0.50	72	0.10	Both	Telemetric	Atal Jal
45.	GWL-06-076-00564-00033508-001	Kandroli_33508	Kandroli	Aman K Ghar K Pass	29.9707	77.1811	Dug Well	258	Unconfined to Semi-Confined	0.55	34	1.35	WL	Manual	Atal Jal-Private
46.	ABY_YMR_RAD_Kandroli_1	Kandroli_33508	Kandroli	Rinku Sharma	29.9682	77.1888	Tube Well	257	Semi confined to Unconfined	0.35	21	0.62	WQ	Manual	Atal Jal
47.	HR_GW_923	Kanjnu_33509	Kanjanu	Govt. Middle School,Kanjanu	30.0416	77.1757	Piezometer	266	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
48.	HR_GW_924	Karera M.T._33510	Karera Mt	Govt. Middle School, Karera Mt	30.0079	77.2257	Piezometer	265	Semi-Confined To Confined	0.50	65	0.10	Both	Telemetric	Atal Jal
49.	GWL-06-076-00564-00298080-001	Kartarpur_298080	Kartarpur	Panchayati	30.0250	77.2067	Tube Well	265	Unconfined to Semi-Confined	0.35	35	0.30	WL	Manual	Atal Jal-Private
50.	ABY_YMR_RAD_Katarpur_1	Kartarpur_298080	Kartarpur	Amarpal Kaushik	30.0231	77.2114	Tube Well	264	Semi confined to Unconfined	0.35	21	0.23	WQ	Manual	Atal Jal
51.	HR_GW_925	Khajuri_33511	Khajuri	Govt. Primary School, Khajuri	30.0797	77.1663	Piezometer	274	Unconfined To Semi-Confined	0.50	75	0.10	Both	Telemetric	Atal Jal
52.	GWL-06-076-00564-00033512-001	Kheri Lakha Singh_33512	Kheri Lakha Singh	Mustfabaad Road	30.1161	77.1342	Bore Well	276	Unconfined to Semi-Confined	0.65	45	0.25	WL	Manual	Atal Jal-Private
53.	ABY_YMR_RAD_Kheri lakha singh_1	Kheri Lakha Singh_33512	Kheri Lakha Singh	Parveen Mehta	30.1132	77.1339	Tube Well	273	Semi confined to Unconfined	0.43	76	0.18	WQ	Manual	Atal Jal
54.	HR_GW_929	Kherki Brahman_33513	Kherki Barhaman	Govt. Primary School, Kherki Barhaman	30.0633	77.0897	Piezometer	270	Semi-Confined To Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
55.	HR_GW_926	Lakshi Bans_33515	Lakshi Bans	Panchyat Bhawan, Lakshi Bans	30.0383	77.2271	Piezometer	267	Unconfined To Semi-Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
56.	GWL-06-076-00564-00033516-001	Lal Chappar_33516	Lal Chapper	Virender Rana	29.9959	77.2243	Dug Well	263	Unconfined to Semi-Confined	0.45	38	1.55	WL	Manual	Atal Jal-Private
57.	ABY_YMR_RAD_Lal chapper_1	Lal Chappar_33516	Lal Chappar	Mukhtyar Singh	29.9960	77.2269	Tube Well	262	Semi confined to Unconfined	0.50	15	0.90	WQ	Manual	Atal Jal
58.	GWL-06-076-00564-00033517-002	Madhu Bans_33517	Madhubans	Near Shiv Mandir	30.0069	77.2031	Bore Well	266	Unconfined to Semi-Confined	0.50	37	0.25	WL	Manual	Atal Jal-Private
59.	ABY_YMR_RAD_Madhu bans_1	Madhu Bans_33517	Madhu Bans	Pintu	30.0030	77.2015	Tube Well	263	Semi confined to Unconfined	0.50	18	0.25	WQ	Manual	Atal Jal
60.	ABY_YMR_RAD_Mandhar_1	Mandhar_33518	Mandhar	Chandarpal	29.9926	77.1959	Tube Well	262	Semi confined to Unconfined	0.30	24	0.15	WQ	Manual	Atal Jal
61.	HR_GW_927	Mansoor Pur_33519	Mansoor Pur	Govt. Primary School, Mansoorpur	30.0824	77.1338	Piezometer	273	Semi-Confined To Confined	0.50	66	0.10	Both	Telemetric	Atal Jal
62.	HR_GW_942	Marupur_33520	Marupur	Govt Primary School, Marupur	30.0319	77.2578	Piezometer	268	Unconfined To Semi-Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
63.	HR_GW_947	Masana Rangran_33521	Masana Ragnan	Govt. Sen. Sec. School, Masana	30.1336	77.1396	Piezometer	275	Semi-Confined To Confined	0.50	76	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
				Ragnan											
64.	ABY_YMR_RAD_Monri_1	Mohri_33522	Mohri	Hawa Singh	30.0146	77.2179	Tube Well	264	Semi confined to Unconfined	0.23	55	0.90	WQ	Manual	Atal Jal
65.	HR_GW_928	Nachron_33523	Nachron	Veterinary Hospital, Nachron	30.0097	77.1857	Piezometer	262	Semi-Confined To Confined	0.50	58	0.10	Both	Telemetric	Atal Jal
66.	HR_GW_943	Nagal_33524	Nagal	Govt. Primary School, Nagal	30.0710	77.1302	Piezometer	271	Semi-Confined To Confined	0.50	65	0.10	Both	Telemetric	Atal Jal
67.	GWL-06-076-00564-00033525-001	Nagla Sadhan_33525	Nagla Sadhan	Darshan Lal House	30.1063	77.1537	Bore Well	273	Unconfined to Semi-Confined	0.42	55	0.25	WL	Manual	Atal Jal-Private
68.	ABY_YMR_RAD_Nagla sadhan_1	Nagla Sadhan_33525	Nagla Sadhan	Tushar	30.0990	77.1544	Tube Well	272	Semi confined to Unconfined	0.21	83	0.15	WQ	Manual	Atal Jal
69.	GWL-06-076-00564-00033527-001	Palaka_33527	Palaka	Near Rohit,S,House	30.0785	77.1512	Bore Well	273	Unconfined to Semi-Confined	0.28	76	0.15	WL	Manual	Atal Jal-Private
70.	ABY_YMR_RAD_Palaka_1	Palaka_33527	Palaka	Rajkumar	30.0786	77.1541	Tube Well	272	Semi confined to Unconfined	0.23	107	0.12	WQ	Manual	Atal Jal
71.	HR_GW_919	Palewala_33526	Palewala	Govt. Middle School, Palewala	30.0156	77.2064	Piezometer	263	Semi-Confined To Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
72.	ABY_YMR_RAD_Passi dera_1	Passi Dera_298081	Passi Dera	Surajbhan	29.9946	77.1243	Tube Well	260	Semi confined to Unconfined	0.75	30	0.20	WQ	Manual	Atal Jal
73.	HR_GW_944	Potli_33528	Potli	Govt. Middle School, Potli	29.9909	77.1468	Piezometer	260	Semi-Confined To Confined	0.50	61	0.10	Both	Telemetric	Atal Jal
74.	GWL-06-076-00564-00033529-002	Purangarh_33529	Purangarh	Anil Kumar House	30.0539	77.0959	Tube Well	268	Unconfined to Semi-Confined	0.30	50	0.20	WL	Manual	Atal Jal-Private
75.	ABY_YMR_RAD_Purangarh_1	Purangarh_33529	Purangarh	Rajesh Kumar	30.0544	77.0933	Tube Well	267	Semi confined to Unconfined	0.30	76	0.20	WQ	Manual	Atal Jal
76.	HR_GW_930	Radauri_33531	Radauri	Govt. Primary School, Radauri	30.0451	77.1421	Piezometer	270	Semi-Confined To Confined	0.50	59	0.10	Both	Telemetric	Atal Jal
77.	HR_GW_945	Rajheri_33532	Rajheri	Govt. Middle School, Rajheri	29.9926	77.1839	Piezometer	262	Unconfined To Semi-Confined	0.50	63	0.10	Both	Telemetric	Atal Jal
78.	GWL-06-076-00564-00265543-001	Rapri_265543	Rapri	Sc Mohhla	29.9990	77.1618	Dug Well	261	Unconfined to Semi-Confined	0.40	33	2.50	WL	Manual	Atal Jal-Private
79.	ABY_YMR_RAD_Rapri_1	Rapri_265543	Rapri	Vasudev	29.9979	77.1609	Tube Well	260	Semi confined to Unconfined	0.33	46	1.30	WQ	Manual	Atal Jal
80.	HR_GW_946	Rattan Garh_33533	Rattan Garh	Govt Primary School, Rattangarh	30.0222	77.1680	Piezometer	262	Unconfined To Semi-Confined	0.50	65	0.10	Both	Telemetric	Atal Jal
81.	ABY_YMR_RAD_Sadhura_1	Sadhura_33534	Sadhura	Sohan Lal	30.0363	77.1019	Tube Well	267	Semi confined to Unconfined	0.20	16	0.15	WQ	Manual	Atal Jal
82.	HR_GW_931	Sagri_33535	Sagri	Govt. Crematorium, Sagri	30.1173	77.1437	Piezometer	273	Unconfined To Semi-Confined	0.50	75	0.10	Both	Telemetric	Atal Jal
83.	GWL-06-076-00564-00033536-001	Sandhala_33536	Sandhala	Ambedkar Bhavan K Pass	29.9781	77.2182	Dug Well	262	Unconfined to Semi-Confined	0.35	38	1.95	WL	Manual	Atal Jal-Private
84.	ABY_YMR_RAD_Sandhala_1	Sandhala_33536	Sandhala	Aman Kumar	29.9784	77.2212	Tube Well	259	Semi confined to Unconfined	0.24	30	0.77	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
85.	HR_GW_932	Sandhali_33537	Sandhali	Coporative Bank	29.9818	77.2172	Piezometer	261	Semi-Confined To Confined	0.50	65	0.10	Both	Telemetric	Atal Jal
86.	GWL-06-076-00564-00033538-002	Sangi Pur_33538	Sangipur	Kashyap Dharmshala	30.0032	77.1238	Bore Well	263	Unconfined to Semi-Confined	0.34	27	0.20	WL	Manual	Atal Jal-Private
87.	ABY_YMR_RAD_ Sangipur_1	Sangi Pur_33538	Sangi Pur	Pawan Kumar	30.0045	77.1233	Tube Well	263	Semi confined to Unconfined	0.34	50	0.20	WQ	Manual	Atal Jal
88.	GWL-06-076-00564-00033539-001	Satgoli_33539	Satgoli	Kabal Singh,S House	30.1363	77.1468	Bore Well	274	Unconfined to Semi-Confined	0.30	51	0.20	WL	Manual	Atal Jal-Private
89.	ABY_YMR_RAD_Satgoli_1	Satgoli_33539	Satgoli	Harjeet Singh	30.1317	77.1500	Tube Well	274	Semi confined to Unconfined	0.27	79	0.13	WQ	Manual	Atal Jal
90.	ABY_YMR_RAD_ Sikandra_1	Sikandra_33540	Sikandra	Harpal Singh	30.1186	77.1039	Tube Well	273	Semi confined to Unconfined	0.19	76	0.15	WQ	Manual	Atal Jal
91.	ABY_YMR_RAD_ Sili kalan_1	Silli Kalan_33541	Silli Kalan	Bhagat Singh	30.0731	77.1123	Tube Well	270	Semi confined to Unconfined	0.47	76	0.13	WQ	Manual	Atal Jal
92.	GWL-06-076-00564-00033542-001	Silli Khurd_33542	Sili Khurd	Guga Madi	30.0808	77.0975	Tube Well	270	Unconfined to Semi-Confined	0.15	76	0.20	WL	Manual	Atal Jal-Private
93.	ABY_YMR_RAD_ Sili khurd_1	Silli Khurd_33542	Silli Khurd	Raghubeer Singh	30.0843	77.1021	Tube Well	270	Semi confined to Unconfined	0.15	79	0.13	WQ	Manual	Atal Jal
94.	HR_GW_934	Thaska Khader_33543	Thaska Khadar	Govt. Middle School, Thaska Khadar	29.9737	77.1639	Piezometer	258	Unconfined To Semi-Confined	0.50	63	0.10	Both	Telemetric	Atal Jal
95.	HR_GW_948	Topra Kalan_33544	Topran Kalan	Govt. Primary School, Topran Kalan	30.1270	77.1618	Piezometer	275	Unconfined To Semi-Confined	0.50	76	0.10	Both	Telemetric	Atal Jal
96.	HR_GW_935	Unheri_33545	Unheri	Amberdkar Bhawan, Unheri	30.0269	77.2637	Piezometer	265	Semi-Confined To Confined	0.50	68	0.10	Both	Telemetric	Atal Jal
97.	W300130077090001	Gheshpur_33499	Radaur S	Radaur S	30.0282	77.1386	Piezometer	260	Unconfined to Semi Confined	0.22	31	0.06	Both	Manual	CGWB
98.	Jh_30.1186_77.0861	Jhinverheri_33506	Jhiwarheri M	Jhiwarheri M	30.1250	77.0861	Piezometer	273	Unconfined to Semi Confined	0.50	200	0.10	WL	Manual	CGWB
99.	Jh_30.118_77.086	Jhinverheri_33506	Jhiwarheri S	Jhiwarheri S	30.1250	77.0861	Piezometer	273	Unconfined to Semi Confined	0.50	63	0.10	WL	Manual	CGWB
100.	W300730077051001	Jhinverheri_33506	Jiwanheri	Jiwanheri	30.1261	77.0793	Tube Well	272	Alluvium	0.42	205	0.13	WQ	Manual	CGWB
101.	W300307077071801	Sadhura_33534	Sadhura	Sadhura-Pz	30.0411	77.1031	Piezometer	268	Unconfined to Semi Confined	0.50	105	0.10	WL	Manual	CGWB
102.	An_30.1108_77.1215	Antawa_33482	Antewa	In Shiv Mandir	30.1108	77.1215	Piezometer	269.2	Unconfined to Semi Confined	0.65	75	0.10	WL	Manual	SGWD
103.	Bh_30.1421_77.3165	Antawa_33482	Bhojpur	Lhs Of Village	30.1421	77.3165	Piezometer	284	Unconfined to Semi Confined	0.50	70	0.10	WL	Manual	SGWD
104.	Ch_30.0648_77.1339	Chamrori_33493	Chamrori	In Co-Op. Bank	30.0648	77.1339	Piezometer	268	Unconfined to Semi Confined	0.65	27	0.10	WL	Telemetric	SGWD
105.	Ja_30.4631_77.2256	Jathlana_33505	Jathlana	South Of Niwarsi Dera	30.0418	77.2478	Piezometer	265.85	Unconfined to Semi Confined	0.65	80	0.10	WL	Telemetric	SGWD
106.	Ma_29.9926_77.1944	Mandhar_33518	Mandhar	Near Guru Nanak Dwar	29.9926	77.1944	Piezometer	265.7	Unconfined to Semi Confined	0.65	51	0.10	WL	Telemetric	SGWD

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
107.	Mo_30.0162_77.2229	Mohri_33522	Mohri	300 M East Of Mohri Village	30.0162	77.2229	Piezometer	268.37	Unconfined to Semi Confined	0.65	51	0.10	WL	Telemetric	SGWD
108.	Kh_29.983_77.1398	Passi Dera_298081	Khurdban	Main Road Of Village Center	29.9830	77.1398	Piezometer	258.61	Unconfined to Semi Confined	0.65	51	0.10	WL	Telemetric	SGWD
109.	Ra_30.0332_77.1518	Radauri_33531	Radour	South Of Village Pond	30.0332	77.1518	Piezometer	260.52	Unconfined to Semi Confined	0.65	30	0.10	WL	Manual	SGWD
110.	Si_30.1135_77.1084	Sikandra_33540	Sikendra	North Of Niwarsi Dera	30.1135	77.1084	Piezometer	269	Unconfined to Semi Confined	0.65	58	0.10	WL	Manual	SGWD
111.	Si_30.068_77.1122	Silli Kalan_33541	Silikalan	South Of Village Pond	30.0687	77.1122	Tube Well	267.77	Unconfined to Semi Confined	0.70	61	0.25	WL	Manual	SGWD

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

State	Haryana	District	Yamuna Nagar	Block	Radour
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	Alipura_33480	Atal Jal	Piezometer	30.0208	77.1014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.91	24.7	23.5	23.5
2	Amloha_33481	Atal Jal	Piezometer	30.0627	77.1154	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.67	28.9	27.96	31.1
3	Bubka_33492	Atal Jal	Piezometer	30.0407	77.1234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.07	23.1	23.17	25.6
4	Dholi_33496	Atal Jal	Piezometer	30.0767	77.1227	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.01	25.8	28.7	30.5
5	Fateh Garh_33498	Atal Jal	Piezometer	29.9929	77.1703	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.15	5.6	5.8	6.7
6	Gheshpur_33499	Atal Jal	Piezometer	30.0148	77.1432	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.86	13.5	11.3	11.1
7	Ghilour_33500	Atal Jal	Piezometer	30.0800	77.0899	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.07	32.3	30.66	31.1
8	Gumthala_33501	Atal Jal	Piezometer	29.9598	77.2050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.18	7.78	7.98	6.46
9	Hartan_33502	Atal Jal	Piezometer	30.1042	77.1096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	32.4	31.21	33.65
10	Jhaguri_33504	Atal Jal	Piezometer	30.1079	77.1670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	23.6	22.53	26.63
11	Jubbal_33507	Atal Jal	Piezometer	30.0571	77.1804	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.9	14.3	14.32	17.84
12	Kanjnu_33509	Atal Jal	Piezometer	30.0416	77.1757	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.64	8.7	10.39	16.23
13	Karera M.T._33510	Atal Jal	Piezometer	30.0079	77.2257	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7	6.88	8.49	7.92
14	Khajuri_33511	Atal Jal	Piezometer	30.0797	77.1663	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.31	20.4	18.51	22.21
15	Kherki Brahmnan_33513	Atal Jal	Piezometer	30.0633	77.0897	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.7	31.1	29.63	32.34
16	Lakshi Bans_33515	Atal Jal	Piezometer	30.0383	77.2271	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.98	5.5	5.33	4.77
17	Mansoor Pur_33519	Atal Jal	Piezometer	30.0824	77.1338	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.34	25.9	24.35	28.95
18	Marupur_33520	Atal Jal	Piezometer	30.0319	77.2578	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.58	4.9	6.22	6.11
19	Masana Rangran_33521	Atal Jal	Piezometer	30.1336	77.1396	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.52	30.1	28.95	30.63
20	Nachron_33523	Atal Jal	Piezometer	30.0097	77.1857	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.41	5.9	7.6	7.5
21	Nagal_33524	Atal Jal	Piezometer	30.0710	77.1302	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.72	27.5	26.8	29.4
22	Palewala_33526	Atal Jal	Piezometer	30.0156	77.2064	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.44	5.77	6.41	8.62
23	Potli_33528	Atal Jal	Piezometer	29.9909	77.1468	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9	5.32	5.2	6
24	Radauri_33531	Atal Jal	Piezometer	30.0451	77.1421	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.74	19.7	21.4	21.8
25	Rajheri_33532	Atal Jal	Piezometer	29.9926	77.1839	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.62	6.6	9.5	9.5
26	Rattan Garh_33533	Atal Jal	Piezometer	30.0222	77.1680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.96	6.2	9.1	9
27	Sagri_33535	Atal Jal	Piezometer	30.1173	77.1437	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.73	29.7	27.56	27.93
28	Sandhali_33537	Atal Jal	Piezometer	29.9818	77.2172	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.88	5.8	7.49	6.98
29	Thaska Khader_33543	Atal Jal	Piezometer	29.9737	77.1639	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.3	6.9	8.2	8
30	Topra Kalan_33544	Atal Jal	Piezometer	30.1270	77.1618	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.14	28.2	27.95	26.63
31	Unheri_33545	Atal Jal	Piezometer	30.0269	77.2637	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	4.2	7.22	6.17
32	Alahar_33479	Atal Jal	Bore Well	30.0515	77.2181	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.17	5.69	5.65	8.27
33	Baindi_33483	Atal Jal	Bore Well	30.0898	77.1686	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.07	21.43	20.49	24.48
34	Bakana_33484	Atal Jal	Bore Well	30.0637	77.1548	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.32	26.82	24.71	24.76
35	Bapoli_33486	Atal Jal	Bore Well	30.0285	77.1208	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.66	24.4	24	26.8
36	Barheri_33487	Atal Jal	Hand Pump	30.0077	77.2148	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65	6.73	8.01	7.85
37	Barsan_33488	Atal Jal	Bore Well	30.0404	77.2414	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.25	7.31	7.84	7.18
38	Basant Pura_33489	Atal Jal	Bore Well	30.0968	77.1365	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.2	27.3	25.1	28.35
39	Bhagu Majra_33490	Atal Jal	Bore Well	30.1185	77.1277	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.83	30.78	28.95	31
40	Bhagwanganrh_33491	Atal Jal	Dug Well	30.0088	77.1615	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.78	19.32	19.2	19.2

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	Chhari_33494	Atal Jal	Bore Well	30.0841	77.1377	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.46	26.62	23.86	27.32
42	Daulat Pur_33495	Atal Jal	Bore Well	30.0918	77.1102	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.3	31.9	29.46	32.98
43	Dhanupura_265544	Atal Jal	Tube Well	30.0644	77.1048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.96	27.09	26.7	33.1
44	Dholra_33497	Atal Jal	Bore Well	30.0095	77.1253	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.5	12.35	12	12
45	Hiran Chappar_33503	Atal Jal	Tube Well	30.1036	77.0953	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.92	32.75	29.15	31.96
46	Ismailpur_245505	Atal Jal	Bore Well	30.1211	77.1792	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.48	26.87	22.92	23.88
47	Kandroli_33508	Atal Jal	Dug Well	29.9707	77.1811	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.99	24.49	23	21.1
48	Kartarpur_298080	Atal Jal	Tube Well	30.0250	77.2067	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	15.62	13.16	13.19
49	Kheri Lakha Singh_33512	Atal Jal	Bore Well	30.1161	77.1342	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.67	28.82	27.64	29.16
50	Lal Chappar_33516	Atal Jal	Dug Well	29.9959	77.2243	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	22.33	22.74	22
51	Madhu Bans_33517	Atal Jal	Bore Well	30.0069	77.2031	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.3	5.41	7.76	7.22
52	Nagla Sadhan_33525	Atal Jal	Bore Well	30.1063	77.1537	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.98	31.34	24.9	26.32
53	Palaka_33527	Atal Jal	Bore Well	30.0785	77.1512	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.04	26.04	21.68	24.16
54	Purangarh_33529	Atal Jal	Tube Well	30.0539	77.0959	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.46	29.5	27.98	36.11
55	Rapri_265543	Atal Jal	Dug Well	29.9990	77.1618	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.98	18.6	18	18.5
56	Sandhala_33536	Atal Jal	Dug Well	29.9781	77.2182	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.88	22.45	20.6	22.6
57	Sangi Pur_33538	Atal Jal	Bore Well	30.0032	77.1238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.33	10.98	12	12
58	Satgoli_33539	Atal Jal	Bore Well	30.1363	77.1468	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.2	31.1	28.2	30.4
59	Silli Khurd_33542	Atal Jal	Tube Well	30.0808	77.0975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.42	30.85	29.98	36.11
60	Gheshpur_33499	CGWB	Piezometer	30.0282	77.1386	14.48	14.68	16.1	15.68	16.28	15.18	17.11	15.63	NA	15.13	15.48	NA	16.08	15.47	15.97	14.86	16.27	13.36	14.78	14.72
61	Jhinverheri_33506	CGWB	Piezometer	30.1250	77.0861	NA	33.28	32.44	33.62	32.97	33.97	33.3	33.3	34.88	33.97	33.38	34.75	19.34	23.99	34.67	35.9	37	NA	31.9	34.35
62	Jhinverheri_33506	CGWB	Piezometer	30.1250	77.0861	NA	32.4	31.27	33	32.38	33.8	32.6	34.25	34.72	NA	33.21	33.74	NA	34.09	33.08	34.47	33.3	NA	32.19	33.3
63	Sadhura_33534	CGWB	Piezometer	30.0411	77.1031	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.65	29.4	30.26	28.86	29.23	30.18	25.14	29.94	27.63
64	Antawa_33482	SGWD	Piezometer	30.1108	77.1215	28.25	27.45	28.45	NA	28.51	29.42	28.59	27	28.7	29.8	29.84	31.49	30.57	32.25	32.15	33	32.35	29.4	26.3	29.8
65	Antawa_33482	SGWD	Piezometer	30.1421	77.3165	19.08	18.58	19.58	NA	20.08	19.08	18	16.3	16.07	14	15.39	14.16	14.21	13.29	19.75	20	12.68	12.64	26.3	30
66	Chamrori_33493	SGWD	Piezometer	30.0648	77.1339	24.15	24.5	24.32	NA	24.44	24.9	24.47	23.75	24.59	26.1	23.59	24.63	23.28	24.98	23.95	25.3	25.56	24.13	26.45	26.73
67	Jathlana_33505	SGWD	Piezometer	30.0418	77.2478	7.11	6.1	7.15	NA	7.31	7.8	7.3	6.25	7.37	5.4	5.28	3.96	4.83	4.85	4.3	4	5.83	5.19	6.45	6.35
68	Mandhar_33518	SGWD	Piezometer	29.9926	77.1944	5.17	5.35	5.37	NA	5.47	5.2	5.55	4.55	5.61	3.95	5.14	4.86	5.92	6	7.05	7.65	6.97	7.96	7.26	7.32
69	Mohri_33522	SGWD	Piezometer	30.0162	77.2229	5.61	5.7	5.99	NA	6.07	5.62	6.11	5.1	6.22	4.05	4.87	4.7	5.82	6.08	6.7	8.1	6.68	6.19	7.45	7.39
70	Passi Dera_298081	SGWD	Piezometer	29.9830	77.1398	6.5	5.81	6.71	NA	6.78	6.6	6.85	5.95	6.97	5.57	6.34	6.64	6.83	7.04	6.23	5.83	7.81	4.78	7.22	6.31
71	Radauri_33531	SGWD	Piezometer	30.0332	77.1518	16.59	16.69	16.65	NA	16.76	15.63	16.78	15.03	16.93	14.88	15.83	15.36	15.82	15.49	15.97	17.47	16.2	14.03	21.4	21.8
72	Sikandra_33540	SGWD	Piezometer	30.1135	77.1084	30.4	30.6	30.57	NA	30.66	31.15	30.7	31.6	30.95	32.75	32.61	34.28	32.21	33.91	33.8	34.15	34.55	24.15	32.15	30.2
73	Silli Kalan_33541	SGWD	Tube Well	30.0687	77.1122	27.57	28	27.72	NA	28	29.5	28.25	29	28.5	28	28.75	30.52	31.02	32.65	31.5	31.7	31.5	29.2	25.86	29.08

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

State	Haryana	District	Yamuna Nagar	Block	Radour
Month of Collection of sample 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
Alahar_33479	Atal Jal	Tubewell	30.0332	77.2062	2024	8.72	1202	729	383.8	119.4	20.83	82	11	18.94	365.7	74.58	158.1	0.67	27.9
Alipura_33480	Atal Jal	Piezometer	30.0208	77.1014	2023	7.67	515	330	227	61.1	18	28	9	0.0	178.5	21	61.8	0.34	19
Alipura_33480	Atal Jal	Piezometer	30.0208	77.1014	2024	7.84	702	301	160.1	49.7	8.75	34	5	1.0	158.9	30.75	64.43	0.28	2.9
Amloha_33481	Atal Jal	Piezometer	30.0627	77.1154	2023	7.23	357	211	128.3	35.5	9.6	23	4	0.0	119.0	12	40.4	0.12	12
Amloha_33481	Atal Jal	Piezometer	30.0627	77.1154	2024	7.43	870	216	116.1	35.27	6.8	24	3	0.3	111.7	22.09	46.31	0.2	0
Antawa_33482	Atal Jal	Tubewell	30.1048	77.1276	2024	7.87	723	407	216.4	67.04	11.9	46	6	1.477	210.5	41.65	88.71	0.37	20
Baindi_33483	Atal Jal	Tubewell	30.0873	77.162	2024	7.54	591	356	187.8	58.87	9.92	40	6	0.613	187.4	36.46	77.14	0.32	18.7
Bakana_33484	Atal Jal	Tubewell	30.0574	77.1568	2024	6.79	853	551	289.9	89.94	15.86	62	9	0.167	287.8	56.37	119.6	0.51	23.6
Bapoli_33486	Atal Jal	Tubewell	30.0278	77.1215	2024	9.11	723	427	224.6	70.31	11.9	48	7	27.13	199.2	43.73	92.57	0.39	20.5
Barheri_33487	Atal Jal	Tubewell	30.0073	77.2081	2024	7.93	1152	675	355.2	111.2	18.84	76	11	2.848	353.1	69.1	146.6	0.62	26.6
Barsan_33488	Atal Jal	Tubewell	30.0372	77.2332	2024	6.96	1204	722	383.8	119.4	20.83	81	11	0.326	379.7	73.92	156.2	0.66	27.7
Basant Pura_33489	Atal Jal	Tubewell	30.0989	77.1389	2024	7.15	692	447	236.8	73.58	12.89	50	7	0.313	235.7	45.71	96.42	0.41	21
Bhagu Majra_33490	Atal Jal	Tubewell	30.1216	77.1271	2024	6.42	741	437	232.8	71.95	12.89	49	7	0.056	227.9	44.67	94.5	0.4	20.7
Bhagwargarh_33491	Atal Jal	Tubewell	30.001	77.1556	2024	5.78	1022	656	347.1	107.9	18.85	74	10	0.019	344	67.12	142.7	0.6	26.1
Bubka_33492	Atal Jal	Piezometer	30.0407	77.1234	2023	7.89	422	249	162.8	45.4	12	22	5.2	0.0	148.8	22	33.3	0.16	18
Bubka_33492	Atal Jal	Piezometer	30.0407	77.1234	2024	7.7	820	253	132.1	41.68	6.81	28	4	0.6	131.4	25.91	54.37	0.23	1.75
Chamrori_33493	Atal Jal	Tubewell	30.0593	77.133	2024	9.01	756	467	245	76.85	12.9	53	7	23.47	222.1	47.78	100.3	0.43	21.4
Chhari_33494	Atal Jal	Tubewell	30.095	77.1412	2024	6.33	736	452	240.9	75.22	12.89	51	7	0.047	236	46.27	98.35	0.42	21.1
Daulat Pur_33495	Atal Jal	Tubewell	30.0929	77.1098	2024	8.24	620	344	183.8	57.23	9.92	39	5	2.94	177	35.24	75.21	0.31	18.4
Dhanupura_265544	Atal Jal	Tubewell	30.0648	77.1075	2024	6.56	783	446	236.8	73.58	12.89	50	7	0.081	235.9	45.61	96.42	0.41	21
Dholi_33496	Atal Jal	Piezometer	30.0767	77.1227	2023	7.25	550	330	207.2	57.2	15.6	36	8.2	0.2	184.5	24	59.4	0.3	18
Dholi_33496	Atal Jal	Piezometer	30.0767	77.1227	2024	7.53	823	311	164.1	51.3	8.75	35	5	0.5	163.5	31.78	66.45	0.29	3.15
Dholra_33497	Atal Jal	Tubewell	30.0048	77.1287	2024	6.39	1104	670	355.2	109.6	19.83	75	10	0.081	351.9	68.54	144.6	0.61	26.4
Fateh Garh_33498	Atal Jal	Piezometer	29.9929	77.1703	2023	8.06	414	273	140	40	10.98	45	20	0.0	130.0	12	70	0.76	5
Fateh Garh_33498	Atal Jal	Piezometer	29.9929	77.1703	2024	7.84	1030	212	112.1	35.27	5.83	24	3	0.7	111.2	21.68	46.31	0.19	0
Gheshpur_33499	Atal Jal	Piezometer	30.0148	77.1432	2023	7.86	310	214	128.3	31.6	12	20	4.5	0.0	125.0	19.9	33.3	0.23	15
Gheshpur_33499	Atal Jal	Piezometer	30.0148	77.1432	2024	7.44	1050	177	92.07	28.86	4.86	20	3	0.2	91.7	18.07	38.26	0	0
Ghilour_33500	Atal Jal	Piezometer	30.08	77.0899	2023	7.43	684	397	271.4	74.9	20.5	36	9.2	0.0	238.0	25.9	61.8	0.28	20
Ghilour_33500	Atal Jal	Piezometer	30.08	77.0899	2024	7.56	813	398	212.2	65.73	11.67	45	6	0.7	207.3	40.75	86.58	0.36	5.3
Gumthala_33501	Atal Jal	Piezometer	29.9598	77.205	2023	7.97	339	197	113.4	35.02	6.3	19.86	4.33	0.0	90.1	16.04	60.34	0	14.14
Gumthala_33501	Atal Jal	Piezometer	29.9598	77.205	2024	8.03	889	208	108.1	33.67	5.83	23	3	1.1	106.9	21.27	44.3	0.19	0
Hartan_33502	Atal Jal	Piezometer	30.1042	77.1096	2023	7.86	372	250	157.9	45.4	10.8	29	6.3	0.0	130.9	18	35.6	0.42	22
Hartan_33502	Atal Jal	Piezometer	30.1042	77.1096	2024	7.51	880	220	116.1	36.87	5.83	25	3	0.4	115.6	22.51	48.33	0.2	0
Hiran Chappar_33503	Atal Jal	Tubewell	30.0984	77.098	2024	6.08	672	373	196	62.14	9.92	42	6	0.022	196	38.16	81	0.34	19.2
Ismailpur_245505	Atal Jal	Tubewell	30.1274	77.1781	2024	6.02	746	429	228.7	70.31	12.89	48	7	0.022	224	43.92	92.57	0.39	20.5
Jathlana_33505	Atal Jal	Tubewell	30.0103	77.239	2024	6.24	1089	632	334.8	104.7	17.85	71	10	0.054	331.9	64.67	136.9	0.58	25.5
Jhaguri_33504	Atal Jal	Piezometer	30.1079	77.167	2023	7.54	540	330	197.4	55.2	14.4	32	8.9	0.0	196.4	22	59.4	0.19	21
Jhaguri_33504	Atal Jal	Piezometer	30.1079	77.167	2024	7.14	780	327	172.1	54.51	8.75	37	5	0.2	171.8	33.43	70.47	0.3	3.55
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2015	Sample not collected from this location													
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2016	7.95	490	ND	88.0	31.0	2.3	79.0	4.1	0.0	149.0	122.0	7.1	0.46	BDL
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2017	8.05	628	ND	194.0	49.0	17.0	60.0	8.3	0.0	316.0	58.0	6.7	0.28	0.37
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2018	8.53	493	ND	90.0	8.0	17.0	77.0	1.9	30.0	171.0	28.0	21.0	0.97	0.20

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
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2019	8.53	523	ND	150.0	16.0	27.0	69.7	2.1	24.0	195.0	40.0	35.0	0.30	11.00
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2020	8.61	557	ND	120.1	20.0	17.0	71.0	8.5	48.0	183.1	0.0	28.4	5.00	0.22
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2021	8.81	480	ND	100.1	8.0	19.5	88.0	4.4	46.8	238.0	0.0	14.2	0.54	0.00
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2022	8.35	505	ND	114.0	8.0	22.8	69.0	4.2	0.0	284.0	0.0	21.0	0.42	0.20
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2023	8.2	780	ND	240.0	44.0	31.6	93.6	5.5	0.0	427.0	24.0	49.7	0.84	0.10
Jhinverheri_33506	CGWB	Tube Well	30.1261	77.0793	2024	Sample not collected from this location													
Jubbal_33507	Atal Jal	Piezometer	30.0571	77.1804	2023	7.45	485	330	217.1	59.2	16.8	34	12	0.0	184.5	21	66.5	0.34	22
Jubbal_33507	Atal Jal	Piezometer	30.0571	77.1804	2024	7.49	1100	283	148.1	46.49	7.78	32	4	0.4	147.6	29	60.41	0.26	2.45
Kandroli_33508	Atal Jal	Tubewell	29.9682	77.1888	2024	8.51	966	555	294	91.57	15.87	62	9	8.882	283.2	56.75	119.6	0.51	23.6
Kanjnu_33509	Atal Jal	Piezometer	30.0416	77.1757	2023	7.56	367	239	138.2	39.4	9.6	32	3.8	0.0	130.9	18	35.6	0.29	16
Kanjnu_33509	Atal Jal	Piezometer	30.0416	77.1757	2024	7.81	999	209	112.1	33.67	6.8	23	3	0.7	107.3	21.37	44.3	0.19	0
Karera M.T._33510	Atal Jal	Piezometer	30.0079	77.2257	2023	7.76	226	152	78.9	21.7	6	19	2	0.0	53.6	12	40.4	0.45	14
Karera M.T._33510	Atal Jal	Piezometer	30.0079	77.2257	2024	7.96	1110	120	64.05	19.24	3.89	13	2	0.5	63.4	12.3	26.18	0	0
Kartarpur_298080	Atal Jal	Tubewell	30.0231	77.2114	2024	7.37	1070	600	318.5	98.11	17.85	67	9	0.696	315.3	61.37	129.2	0.55	24.8
Khajuri_33511	Atal Jal	Pizeometer	30.0797	77.1663	2024	7.48	840	196	104.1	32.06	5.83	22	3	0.295	103.7	20.03	42.28	0.18	0
Kheri Lakha Singh_33512	Atal Jal	Tubewell	30.1132	77.1339	2024	6.34	745	452	240.9	75.22	12.89	51	7	0.049	236	46.27	98.35	0.42	21.1
Kherki Brahmnan_33513	Atal Jal	Piezometer	30.0633	77.0897	2023	7.44	559	319	170	40	13.71	50	25	0.0	150.0	16	80	0.56	5
Kherki Brahmnan_33513	Atal Jal	Piezometer	30.0633	77.0897	2024	7.41	768	335	176.1	54.51	9.72	38	5	0.4	175.6	34.26	72.49	0.31	3.75
Lakshi Bans_33515	Atal Jal	Piezometer	30.0383	77.2271	2023	7.54	306	196	103.6	27.6	8.4	23	4	0.0	89.3	18	42.8	0.67	15
Lakshi Bans_33515	Atal Jal	Piezometer	30.0383	77.2271	2024	7.71	1120	176	92.07	28.86	4.86	20	3	0.4	91.5	17.97	38.26	0	0
Lal Chappar_33516	Atal Jal	Tubewell	29.996	77.2269	2024	8.77	885	503	265.4	83.39	13.89	57	8	14.61	249.9	51.46	108	0.46	22.3
Madhu Bans_33517	Atal Jal	Tubewell	30.003	77.2015	2024	7.39	1091	606	322.6	99.75	17.85	68	9	0.738	319.3	62.03	131.1	0.56	24.9
Mandhar_33518	Atal Jal	Tubewell	29.9926	77.1959	2024	7.54	1170	680	359.3	111.2	19.84	76	11	1.16	354.8	69.58	146.6	0.62	26.7
Mansoor Pur_33519	Atal Jal	Piezometer	30.0824	77.1338	2023	7.42	743	491	286.2	74.9	24.1	62	8	0.0	273.7	42	97.4	1.45	12
Mansoor Pur_33519	Atal Jal	Piezometer	30.0824	77.1338	2024	7	845	434	228.2	72.14	11.67	49	7	0.2	227.8	44.36	94.64	0.4	6.15
Marupur_33520	Atal Jal	Pizeometer	30.0319	77.2578	2024	7.51	885	157	84.07	25.65	4.86	18	2	0.256	83.73	16.11	34.23	0	0
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2015	Sample not collected from this location													
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2016	8	645	ND	177.0	55.0	9.6	65.0	7.6	0.0	275.0	BDL	69.0	0.29	0.97
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2017	8.03	560	ND	184.0	53.0	12.0	62.0	5.8	0.0	263.0	80.0	15.0	0.38	BDL
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2018	8.11	480	ND	160.0	24.0	24.0	57.6	3.3	0.0	268.0	22.0	28.0	0.63	0.20
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2019	8.49	357	ND	120.0	20.0	17.0	51.6	4.0	24.0	171.0	13.0	28.0	0.44	0.20
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2020	Sample not collected from this location													
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2021	8.69	361	ND	110.1	20.0	14.6	48.0	4.8	46.8	158.7	0.0	14.2	0.47	0.54
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2022	8.1	465	ND	154.0	26.0	21.6	42.0	4.2	0.0	142.0	0.0	88.0	0.58	0.70
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2023	7.8	730	ND	310.0	80.0	26.8	39.3	6.5	0.0	414.8	0.0	49.7	0.71	0.16
Masana Jattan_33458	CGWB	Tube Well	30.1314	77.1272	2024	7.52	529	0	200.2	32.06	29.18	43	6	Nil	317.3	BDL	21.27	0.52	BDL
Masana Rangran_33521	Atal Jal	Piezometer	30.1336	77.1396	2023	7.63	527	337	201	59.74	12.59	34.07	7.42	0.0	153.7	27.63	102.3	0.18	24.28
Masana Rangran_33521	Atal Jal	Piezometer	30.1336	77.1396	2024	7.26	788	308	164.1	51.3	8.75	35	5	0.3	159.7	31.47	66.45	0.28	3.1
Mohri_33522	Atal Jal	Tubewell	30.0146	77.2179	2024	6.44	1247	745	396.1	122.6	21.82	84	12	0.101	391.9	76.18	162	0.68	28.3
Nachron_33523	Atal Jal	Piezometer	30.0097	77.1857	2023	7.56	537	312	217.1	63.1	14.5	32	8	0.0	172.6	22	52.3	0.23	18
Nachron_33523	Atal Jal	Piezometer	30.0097	77.1857	2024	7.74	932	313	164.1	51.3	8.75	35	5	0.8	163.1	31.99	68.46	0.29	3.2
Nagal_33524	Atal Jal	Piezometer	30.071	77.1302	2023	7.49	338	213	128.3	33.5	10.8	22	3.5	0.0	125.0	19.9	30.9	0.12	14
Nagal_33524	Atal Jal	Piezometer	30.071	77.1302	2024	7.57	814	205	108.1	33.67	5.83	23	3	0.4	107.6	20.96	44.3	0.19	0
Nagla Sadhan_33525	Atal Jal	Tubewell	30.099	77.1544	2024	6.85	788	510	269.5	83.39	14.88	57	8	0.178	267.8	52.22	109.9	0.47	22.5
Palaka_33527	Atal Jal	Tubewell	30.0786	77.1541	2024	8.17	808	507	269.5	83.39	14.88	57	8	3.726	264.3	51.84	109.9	0.46	22.5
Palewala_33526	Atal Jal	Piezometer	30.0156	77.2064	2023	7.93	353	244	144.3	43.26	8.81	24.6	5.36	0.0	111.3	19.93	73.45	7.93	17.52
Palewala_33526	Atal Jal	Piezometer	30.0156	77.2064	2024	8.02	977	192	100.1	32.06	4.86	22	3	1.0	99.0	19.62	42.28	0.17	0
Passi Dera_298081	Atal Jal	Tubewell	29.9946	77.1243	2024	6.38	918	582	306.2	96.48	15.86	65	9	0.069	303.9	59.58	125.4	0.53	24.3

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
Potli_33528	Atal Jal	Piezometer	29.9909	77.1468	2023	7.45	327	213	123.3	31.6	10.8	29	6.2	0.0	107.1	15	33.3	0.43	18
Potli_33528	Atal Jal	Piezometer	29.9909	77.1468	2024	7.68	1260	180	96.08	28.86	5.83	20	3	0.4	95.5	18.38	38.26	0	0
Purangarh_33529	Atal Jal	Tubewell	30.0544	77.0933	2024	7.64	792	460	245	75.22	13.88	52	7	0.985	239	47.03	100.3	0.42	21.3
Radaur	CGWB	Hand Pump	30.025	77.15	2015	8.53	343	ND	132.7	28.6	14.9	28.0	4.6	17.6	89.2	32.0	38.2	0.48	5.00
Radaur	CGWB	Hand Pump	30.025	77.15	2016	7.55	320	ND	147.0	27.0	19.0	16.0	3.7	0.0	156.0	15.0	28.0	0.41	BDL
Radaur	CGWB	Hand Pump	30.025	77.15	2017	8.1	472	ND	214.0	74.0	7.4	18.0	4.1	0.0	248.0	10.0	28.0	0.48	BDL
Radaur	CGWB	Hand Pump	30.025	77.15	2018	8.55	430	ND	130.0	20.0	19.0	51.0	2.9	72.0	24.0	73.0	28.0	0.37	2.96
Radaur	CGWB	Hand Pump	30.025	77.15	2019	8.06	404	ND	160.0	16.0	29.0	17.9	2.8	0.0	122.0	8.2	64.0	0.52	2.22
Radaur	CGWB	Hand Pump	30.025	77.15	2020	8.36	350	ND	140.1	24.0	19.5	18.0	4.7	24.0	85.4	15.0	35.5	0.06	0.90
Radaur	CGWB	Hand Pump	30.025	77.15	2021	8.55	332	ND	150.1	24.0	21.9	17.0	4.3	31.2	126.9	0.0	28.4	0.36	0.00
Radaur	CGWB	Hand Pump	30.025	77.15	2022	8.11	392	ND	176.0	26.0	27.0	16.0	3.8	0.0	192.0	0.0	35.0	0.41	0.30
Radaur	CGWB	Hand Pump	30.025	77.15	2023	8.25	460	ND	210.0	36.0	29.2	19.6	5.8	nil	219.6	19.2	35.5	0.97	0.33
Radaur	CGWB	Hand Pump	30.025	77.15	2024	7.98	359	0	120.1	24.05	14.59	19	4	Nil	158.7	BDL	21.27	0.46	BDL
Radauri_33531	Atal Jal	Piezometer	30.0451	77.1421	2023	7.65	433	269	172.7	51.3	10.8	28	7.4	0.0	160.7	19	38	0.51	16
Radauri_33531	Atal Jal	Piezometer	30.0451	77.1421	2024	7.19	880	249	132.1	41.68	6.81	28	4	0.2	131.8	25.49	54.37	0.23	1.65
Rajheri_33532	Atal Jal	Piezometer	29.9926	77.1839	2023	7.63	253	160	88.8	21.7	8.4	18	2	0.0	59.5	18	35.6	0.43	15
Rajheri_33532	Atal Jal	Piezometer	29.9926	77.1839	2024	7.39	1040	141	76.06	22.44	4.86	16	2	0.2	75.8	14.46	30.2	0	0
Rapri_265543	Atal Jal	Tubewell	29.9979	77.1609	2024	7.14	1040	656	347.1	107.9	18.85	74	10	0.446	343.5	67.12	142.7	0.6	26.1
Rattan Garh_33533	Atal Jal	Pizeometer	30.0222	77.168	2024	8.07	918	216	116.1	35.27	6.8	24	3	1.237	110.7	22.09	46.31	0.2	0
Sadhura_33534	Atal Jal	Tubewell	30.0363	77.1019	2024	7.4	712	458	240.9	75.22	12.89	51	7	0.567	239.4	46.84	98.35	0.42	21.3
Sagri_33535	Atal Jal	Piezometer	30.1173	77.1437	2023	7.84	442	282.9	143.1	45.4	7.2	28	6	0.0	89.3	12	90.3	0.4	16
Sagri_33535	Atal Jal	Piezometer	30.1173	77.1437	2024	7.82	834	266	140.1	43.28	7.78	30	4	0.9	139.1	27.25	58.39	0.24	2.05
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2015	Sample not collected from this location													
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2016	8	625	ND	157.0	24.0	24.0	70.0	7.9	0.0	263.0	BDL	69.0	0.43	0.76
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2017	7.98	994	ND	286.0	78.0	22.0	108.0	11.0	0.0	339.0	228.0	6.9	0.44	1.13
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2018	8.06	490	ND	160.0	28.0	22.0	56.0	3.1	0.0	256.0	23.0	28.0	0.53	0.20
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2019	8.06	418	ND	140.0	36.0	12.0	58.8	2.8	0.0	268.0	8.2	28.0	0.41	0.20
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2020	8.6	609	ND	130.1	20.0	19.5	84.0	8.1	48.0	195.3	39.0	21.3	0.12	0.27
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2021	8.78	361	ND	100.1	12.0	17.0	51.0	5.0	31.2	174.5	0.0	21.3	0.56	0.00
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2022	8.28	406	ND	136.0	12.0	25.8	32.0	3.8	0.0	126.0	0.0	71.0	0.41	1.20
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2023	7.75	650	ND	200.0	44.0	21.9	72.0	6.1	0.0	366.0	0.0	53.3	0.72	0.16
Sahabpura_33470	CGWB	Tube Well	30.13	77.1147	2024	7.87	464	0	130.1	16.03	21.89	56	6	Nil	280.7	BDL	14.18	0.62	BDL
Sandhala_33536	Atal Jal	Tubewell	29.9784	77.2212	2024	5.9	993	590	310.3	96.48	16.86	66	9	0.023	308	60.33	127.3	0.54	24.5
Sandhali_33537	Atal Jal	Piezometer	29.9818	77.2172	2023	7.96	335	204	118.5	35.02	7.55	20.64	4.5	0.0	90.1	16.74	62.96	0	14.68
Sandhali_33537	Atal Jal	Piezometer	29.9818	77.2172	2024	8.25	985	191	100.1	32.06	4.86	21	3	1.7	98.3	19.52	42.28	0.17	0
Sangi Pur_33538	Atal Jal	Tubewell	30.0045	77.1233	2024	8.53	1076	692	367.5	114.5	19.84	78	11	11.59	352.6	70.8	150.4	0.64	27
Satgoli_33539	Atal Jal	Tubewell	30.1317	77.15	2024	8.12	728	458	240.9	75.22	12.89	51	7	2.974	237	46.84	98.35	0.42	21.3
Sikandra_33540	Atal Jal	Tubewell	30.1186	77.1039	2024	8.69	733	412	216.4	67.04	11.9	46	6	9.944	206.3	42.12	88.71	0.38	20.1
Silli Kalan_33541	Atal Jal	Tubewell	30.0731	77.1123	2024	9.2	883	518	273.6	85.03	14.88	58	8	40.52	236	52.97	111.9	0.47	22.7
Silli Khurd_33542	Atal Jal	Tubewell	30.0843	77.1021	2024	8.35	785	476	253.2	78.49	13.88	54	7	5.303	246.7	48.73	102.2	0.44	21.7
Thaska Khader_33543	Atal Jal	Piezometer	29.9737	77.1639	2023	7.85	377	215	138.2	37.5	10.8	22	3.5	0.0	119.0	14	35.6	0.54	16
Thaska Khader_33543	Atal Jal	Piezometer	29.9737	77.1639	2024	7.43	960	228	120.1	36.87	6.81	26	4	0.3	119.7	23.33	50.34	0.21	1.1
Topra Kalan_33544	Atal Jal	Piezometer	30.127	77.1618	2023	7.4	628	395.6	217.1	63.1	14.4	64.4	7.04	0.0	178.5	25.6	87.8	0.26	21.1
Topra Kalan_33544	Atal Jal	Piezometer	30.127	77.1618	2024	7.61	870	353	188.2	57.71	10.7	40	6	0.7	183.3	36.11	76.52	0.32	4.2
Unheri_33545	Atal Jal	Piezometer	30.0269	77.2637	2023	8.04	368	239	120	30	10.97	35	20	0.0	110.0	12	60	0.23	5
Unheri_33545	Atal Jal	Piezometer	30.0269	77.2637	2024	8.16	988	212	112.1	35.27	5.83	24	3	1.5	110.4	21.68	46.31	0.19	0

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	Radaur_564	Atal Jal	Alahar_33479	30.0332	77.2062	ND	ND	ND	ND	1202
Yamunanagar_76	Radaur_564	Atal Jal	Alipura_33480	30.0208	77.1014	ND	ND	ND	515	702
Yamunanagar_76	Radaur_564	Atal Jal	Amloha_33481	30.0627	77.1154	ND	ND	ND	357	870
Yamunanagar_76	Radaur_564	Atal Jal	Antawa_33482	30.1048	77.1276	ND	ND	ND	ND	723
Yamunanagar_76	Radaur_564	SGWB	Antewa	30.1108	77.1215	750	900	500	750	900
Yamunanagar_76	Radaur_564	Atal Jal	Baindi_33483	30.0873	77.162	ND	ND	ND	ND	591
Yamunanagar_76	Radaur_564	Atal Jal	Bakana_33484	30.0574	77.1568	ND	ND	ND	ND	853
Yamunanagar_76	Radaur_564	Atal Jal	Bapoli_33486	30.0278	77.1215	ND	ND	ND	ND	723
Yamunanagar_76	Radaur_564	Atal Jal	Barheri_33487	30.0073	77.2081	ND	ND	ND	ND	1152
Yamunanagar_76	Radaur_564	Atal Jal	Barsan_33488	30.0372	77.2332	ND	ND	ND	ND	1204
Yamunanagar_76	Radaur_564	Atal Jal	Basant Pura_33489	30.0989	77.1389	ND	ND	ND	ND	692
Yamunanagar_76	Radaur_564	Atal Jal	Bhagu Majra_33490	30.1216	77.1271	ND	ND	ND	ND	741
Yamunanagar_76	Radaur_564	Atal Jal	Bhagwargarh_33491	30.001	77.1556	ND	ND	ND	ND	1022
Yamunanagar_76	Radaur_564	Atal Jal	Bubka_33492	30.0407	77.1234	ND	ND	ND	422	820
Yamunanagar_76	Radaur_564	SGWB	Chamrori	30.0648	77.1339	650	1000	1050	650	680
Yamunanagar_76	Radaur_564	Atal Jal	Chamrori_33493	30.0593	77.133	ND	ND	ND	ND	756
Yamunanagar_76	Radaur_564	Atal Jal	Chhari_33494	30.095	77.1412	ND	ND	ND	ND	736
Yamunanagar_76	Radaur_564	Atal Jal	Daulat Pur_33495	30.0929	77.1098	ND	ND	ND	ND	620
Yamunanagar_76	Radaur_564	Atal Jal	Dhanupura_265544	30.0648	77.1075	ND	ND	ND	ND	783
Yamunanagar_76	Radaur_564	Atal Jal	Dholi_33496	30.0767	77.1227	ND	ND	ND	550	823
Yamunanagar_76	Radaur_564	Atal Jal	Dholra_33497	30.0048	77.1287	ND	ND	ND	ND	1104
Yamunanagar_76	Radaur_564	Atal Jal	Fateh Garh_33498	29.9929	77.1703	ND	ND	ND	414	1030
Yamunanagar_76	Radaur_564	Atal Jal	Gheshpur_33499	30.0148	77.1432	ND	ND	ND	310	1050
Yamunanagar_76	Radaur_564	Atal Jal	Ghilour_33500	30.08	77.0899	ND	ND	ND	684	813
Yamunanagar_76	Radaur_564	Atal Jal	Gumthala_33501	29.9598	77.205	ND	ND	ND	339	889
Yamunanagar_76	Radaur_564	Atal Jal	Hartan_33502	30.1042	77.1096	ND	ND	ND	372	880
Yamunanagar_76	Radaur_564	Atal Jal	Hiran Chappar_33503	30.0984	77.098	ND	ND	ND	ND	672
Yamunanagar_76	Radaur_564	Atal Jal	Ismailpur_245505	30.1274	77.1781	ND	ND	ND	ND	746
Yamunanagar_76	Radaur_564	SGWB	Jathlana	30.4631	77.2256	750	950	700	1040	960
Yamunanagar_76	Radaur_564	Atal Jal	Jathlana_33505	30.0103	77.239	ND	ND	ND	ND	1089
Yamunanagar_76	Radaur_564	Atal Jal	Jhaguri_33504	30.1079	77.167	ND	ND	ND	540	780
Yamunanagar_76	Radaur_564	Atal Jal	Jubbal_33507	30.0571	77.1804	ND	ND	ND	485	1100
Yamunanagar_76	Radaur_564	Atal Jal	Kandroli_33508	29.9682	77.1888	ND	ND	ND	ND	966
Yamunanagar_76	Radaur_564	Atal Jal	Kanjnu_33509	30.0416	77.1757	ND	ND	ND	367	999
Yamunanagar_76	Radaur_564	Atal Jal	Karera M.T. 33510	30.0079	77.2257	ND	ND	ND	226	1110
Yamunanagar_76	Radaur_564	Atal Jal	Kartarpur_298080	30.0231	77.2114	ND	ND	ND	ND	1070
Yamunanagar_76	Radaur_564	Atal Jal	Khajuri_33511	30.0797	77.1663	ND	ND	ND	ND	840
Yamunanagar_76	Radaur_564	Atal Jal	Kheri Lakha Singh_33512	30.1132	77.1339	ND	ND	ND	ND	745
Yamunanagar_76	Radaur_564	Atal Jal	Kherki Brahmnan_33513	30.0633	77.0897	ND	ND	ND	559	768
Yamunanagar_76	Radaur_564	SGWB	Khurdban	29.983	77.1398	850	650	600	460	380
Yamunanagar_76	Radaur_564	Atal Jal	Lakshi Bans_33515	30.0383	77.2271	ND	ND	ND	306	1120
Yamunanagar_76	Radaur_564	Atal Jal	Lal Chappar_33516	29.996	77.2269	ND	ND	ND	ND	885
Yamunanagar_76	Radaur_564	Atal Jal	Madhu Bans_33517	30.003	77.2015	ND	ND	ND	ND	1091
Yamunanagar_76	Radaur_564	SGWB	Mandhar	29.9926	77.1944	750	700	650	1240	1090
Yamunanagar_76	Radaur_564	Atal Jal	Mandhar_33518	29.9926	77.1959	ND	ND	ND	ND	1170
Yamunanagar_76	Radaur_564	Atal Jal	Mansoor Pur_33519	30.0824	77.1338	ND	ND	ND	743	845
Yamunanagar_76	Radaur_564	Atal Jal	Marupur_33520	30.0319	77.2578	ND	ND	ND	ND	885

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	Radaur_564	Atal Jal	Masana Rangran_33521	30.1336	77.1396	ND	ND	ND	527	788
Yamunanagar_76	Radaur_564	SGWB	Mohri	30.0162	77.2229	650	950	700	870	770
Yamunanagar_76	Radaur_564	Atal Jal	Mohri_33522	30.0146	77.2179	ND	ND	ND	ND	1247
Yamunanagar_76	Radaur_564	Atal Jal	Nachron_33523	30.0097	77.1857	ND	ND	ND	537	932
Yamunanagar_76	Radaur_564	Atal Jal	Nagal_33524	30.071	77.1302	ND	ND	ND	338	814
Yamunanagar_76	Radaur_564	Atal Jal	Nagla Sadhan_33525	30.099	77.1544	ND	ND	ND	ND	788
Yamunanagar_76	Radaur_564	Atal Jal	Palaka_33527	30.0786	77.1541	ND	ND	ND	ND	808
Yamunanagar_76	Radaur_564	Atal Jal	Palewala_33526	30.0156	77.2064	ND	ND	ND	353	977
Yamunanagar_76	Radaur_564	Atal Jal	Passi Dera_298081	29.9946	77.1243	ND	ND	ND	ND	918
Yamunanagar_76	Radaur_564	Atal Jal	Potli_33528	29.9909	77.1468	ND	ND	ND	327	1260
Yamunanagar_76	Radaur_564	Atal Jal	Purangarh_33529	30.0544	77.0933	ND	ND	ND	ND	792
Yamunanagar_76	Radaur_564	Atal Jal	Radauri_33531	30.0451	77.1421	ND	ND	ND	433	880
Yamunanagar_76	Radaur_564	SGWB	Radour	30.0332	77.1518	600	850	1050	950	520
Yamunanagar_76	Radaur_564	Atal Jal	Rajheri_33532	29.9926	77.1839	ND	ND	ND	253	1040
Yamunanagar_76	Radaur_564	Atal Jal	Rapri_265543	29.9979	77.1609	ND	ND	ND	ND	1040
Yamunanagar_76	Radaur_564	Atal Jal	Rattan Garh_33533	30.0222	77.168	ND	ND	ND	ND	918
Yamunanagar_76	Radaur_564	Atal Jal	Sadhura_33534	30.0363	77.1019	ND	ND	ND	ND	712
Yamunanagar_76	Radaur_564	Atal Jal	Sagri_33535	30.1173	77.1437	ND	ND	ND	442	834
Yamunanagar_76	Radaur_564	Atal Jal	Sandhala_33536	29.9784	77.2212	ND	ND	ND	ND	993
Yamunanagar_76	Radaur_564	Atal Jal	Sandhali_33537	29.9818	77.2172	ND	ND	ND	335	985
Yamunanagar_76	Radaur_564	Atal Jal	Sangi Pur_33538	30.0045	77.1233	ND	ND	ND	ND	1076
Yamunanagar_76	Radaur_564	Atal Jal	Satgoli_33539	30.1317	77.15	ND	ND	ND	ND	728
Yamunanagar_76	Radaur_564	Atal Jal	Sikandra_33540	30.1186	77.1039	ND	ND	ND	ND	733
Yamunanagar_76	Radaur_564	SGWB	Sikendra	30.1135	77.1084	800	750	600	500	590
Yamunanagar_76	Radaur_564	SGWB	Silikalan	30.0687	77.1122	850	1050	600	900	360
Yamunanagar_76	Radaur_564	Atal Jal	Silli Kalan_33541	30.0731	77.1123	ND	ND	ND	ND	883
Yamunanagar_76	Radaur_564	Atal Jal	Silli Khurd_33542	30.0843	77.1021	ND	ND	ND	ND	785
Yamunanagar_76	Radaur_564	Atal Jal	Thaska Khader_33543	29.9737	77.1639	ND	ND	ND	377	960
Yamunanagar_76	Radaur_564	Atal Jal	Topra Kalan_33544	30.127	77.1618	ND	ND	ND	628	870
Yamunanagar_76	Radaur_564	Atal Jal	Unheri_33545	30.0269	77.2637	ND	ND	ND	368	988

