

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : SHAHBAD

DISTRICT : KURUKSHETRA

YEAR : 2024-2025

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

HYDROGEOLOGICAL REPORT

(YEAR: 2024-25)

STATE	:	HARYANA
DISTRICT	:	KURUKSHETRA
BLOCK/TALUK	:	SHAHBAD
BLOCK/TALUK HQs	:	SHAHBAD

A	GENERAL INFORMATION				
1.	Geographical area (Ha)	:	26865		
2.	No. of Gram Panchayats	:	73		
3.	No. of towns		1		
4.	No. of villages	:	86		
5.	Population (2011)	:	Male	Female	Total
			66506	61056	127562
6.	Rainfall (mm) (2023)	:	Monsoon	Non-monsoon	Annual
			757	290	1047
7.	River basin	:	Ghaggar river basin		
8.	Major soil types	:	Loamy sand (Tropical arid brown)		

B	LAND USE (2024-25)				
1.	Forest area (Ha)	:	375		
2.	Cultivable area (Ha)	:	23327.8		
3.	Net sown area (Ha)	:	23327.8		
4.	Gross cropped area (Ha)	:	46654		

C	CROPPING PATTERN (As in 2024-25)				
1.	Major crops grown	:	Kharif	Rabi	Summer
			Paddy	Wheat	Summer moong
			Jowar	Barseem	Maize as green fodder
				Sarson	
			Seasonal vegetables	Potato and others seasonal vegetables	

D	IRRIGATION FACILITIES (As in 2024-25)				
1.	Net irrigated area (Ha)	:	23327.8		
2.	Gross irrigated area (Ha)	:	46654		
3.	Area under irrigation (Ha) (Source-wise)	:	DW	BW/TW	Tanks/Ponds
			-	23327	-

E	GEOLOGY & HYDROGEOLOGY				
1.	Predominant rock type	:	Medium coarse-grained Sand, Sand with Kankar		
2.	Major geological formations	:	Older and Newer Alluvium		
3.	Important water-bearing formations	:	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	1	0	1	3	15	103	121	
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
			CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal
			3	16	67	0	0	36	0	0	36
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)		33.7/Mohri_31345				56.5/Chhorpur_31307				
	Post-monsoon (Oct/Nov 2024)		39.35/Jain Pur_31324				58.1/Chhorpur_31307				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
			-9.39/Jharouli Khurd_31326				3.25/Dayal Nagar_31313				

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	1	0	1	3	15	72	90
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							

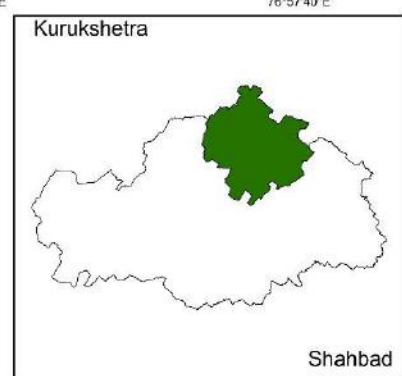
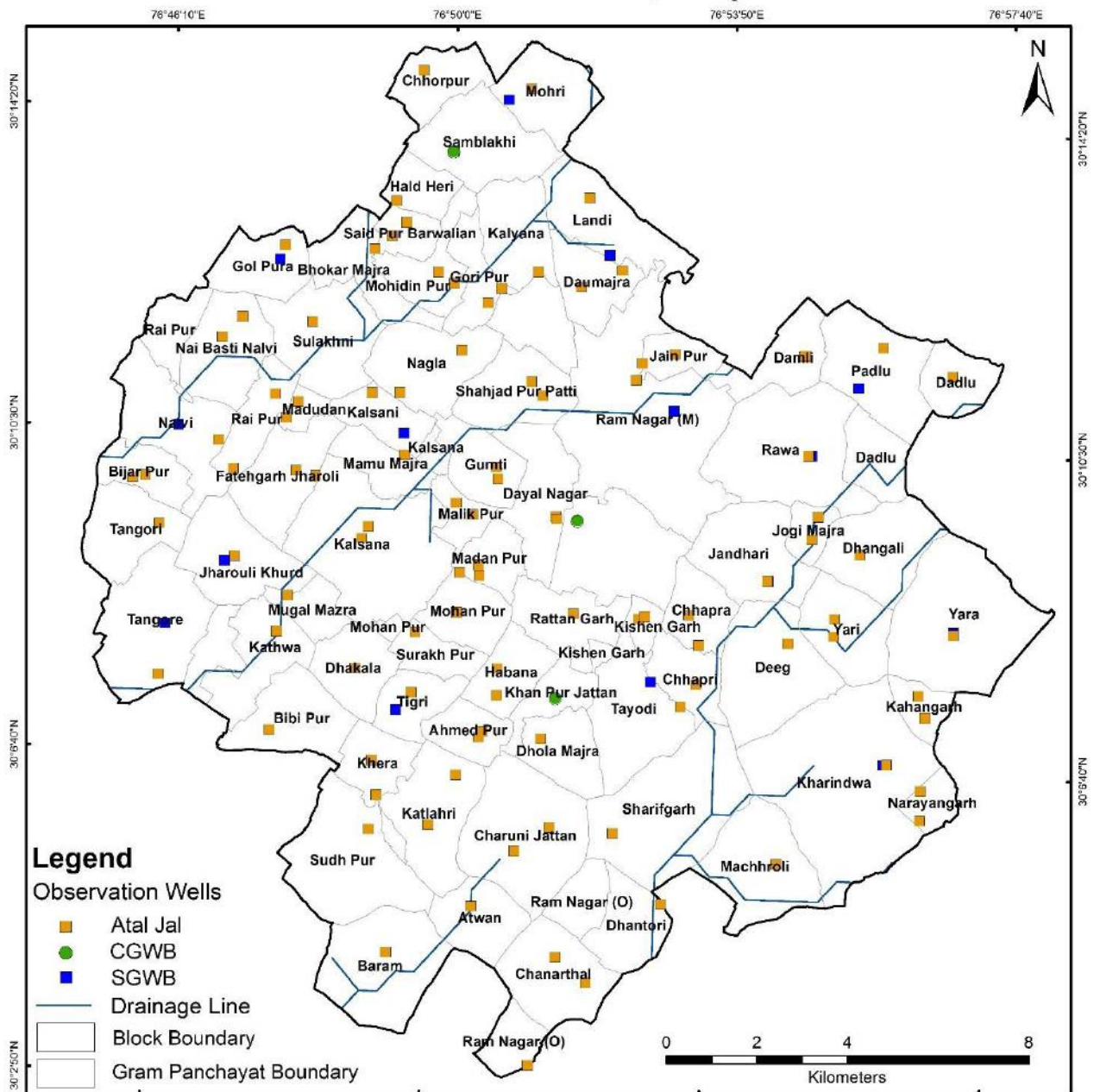
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	6007.0					
4.	Current annual GW extraction (ha.m)	:	11700.0					
5.	Net GW availability for future use (ha.m)	:	0.0					
6.	Stage of GW extraction (%)	:	196.56 %					
7.	Category of block/taluk/(2023)	:	Over Exploited					
8.	Category of block/taluk/ in previous assessments		2023	2020	2017	2013	2011	2009
			Over Exploited	Over Exploited	Over Exploited	Over Exploited	Over Exploited	Over Exploited

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

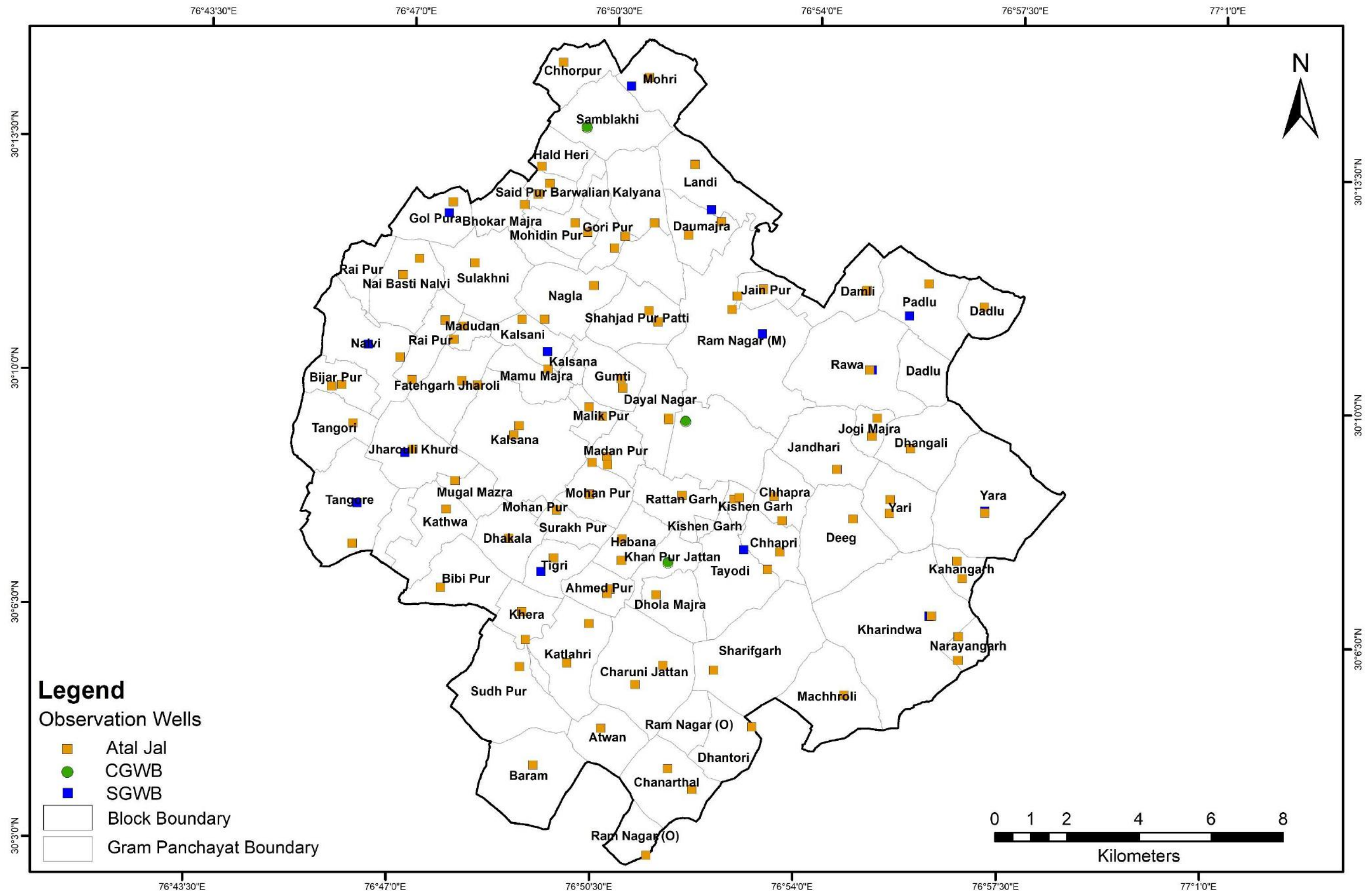
J. GROUND WATER RELATED ISSUES		
1.	Ground water related issues of the block/	
	i) Issues related to GW availability	: Due to over exploitation, groundwater is depletion at higher rate
	ii) Issues related to GW quality	: Generally, it is suitable for drinking purposes as chemical parameters are well within the permissible limits for safe drinking water set by Bureau of Indian standard (BIS)
	iii) Other issues if any.	:

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

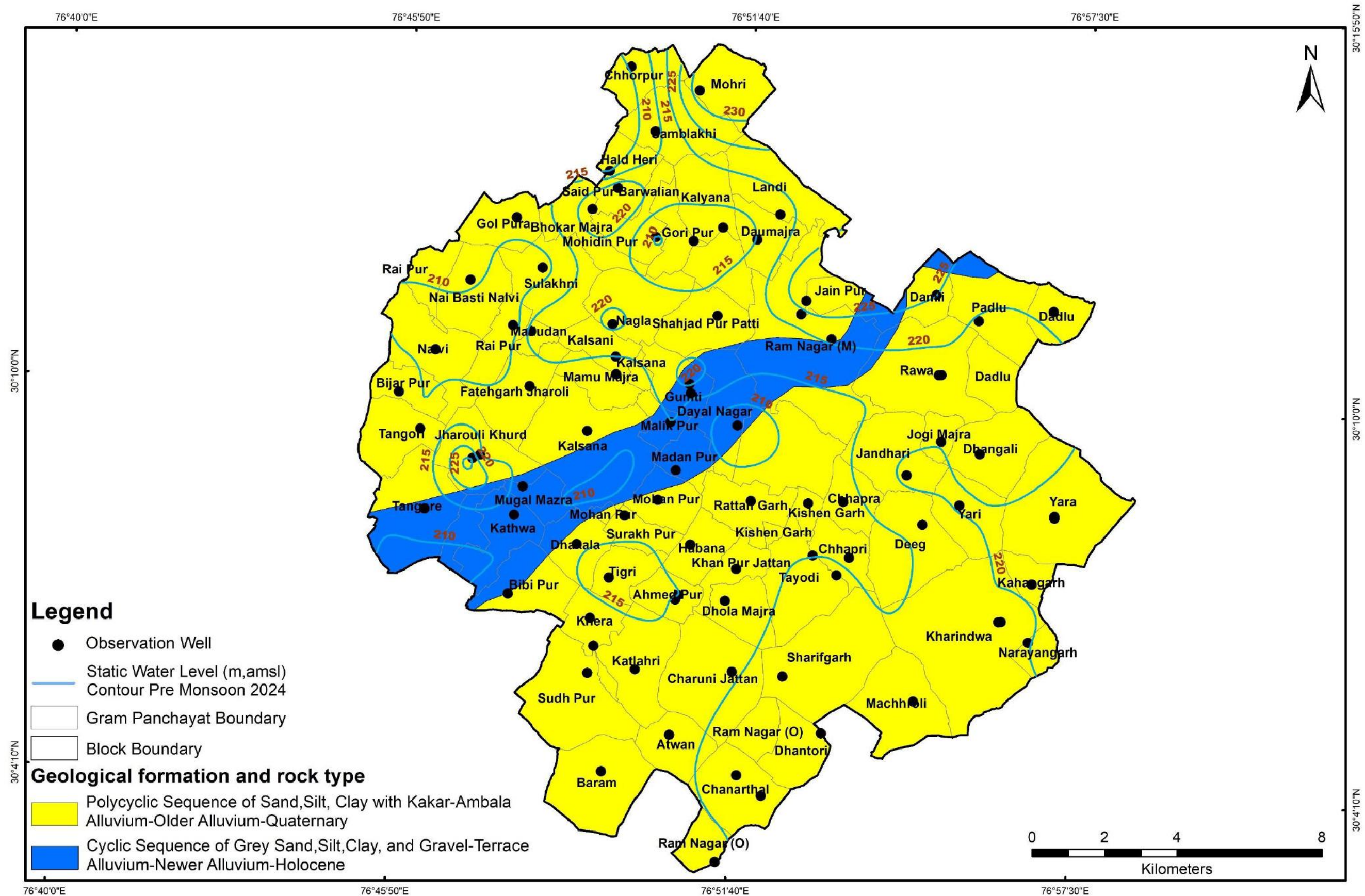
Location Map of Block- Shahbad, District- Kurukshetra, Haryana



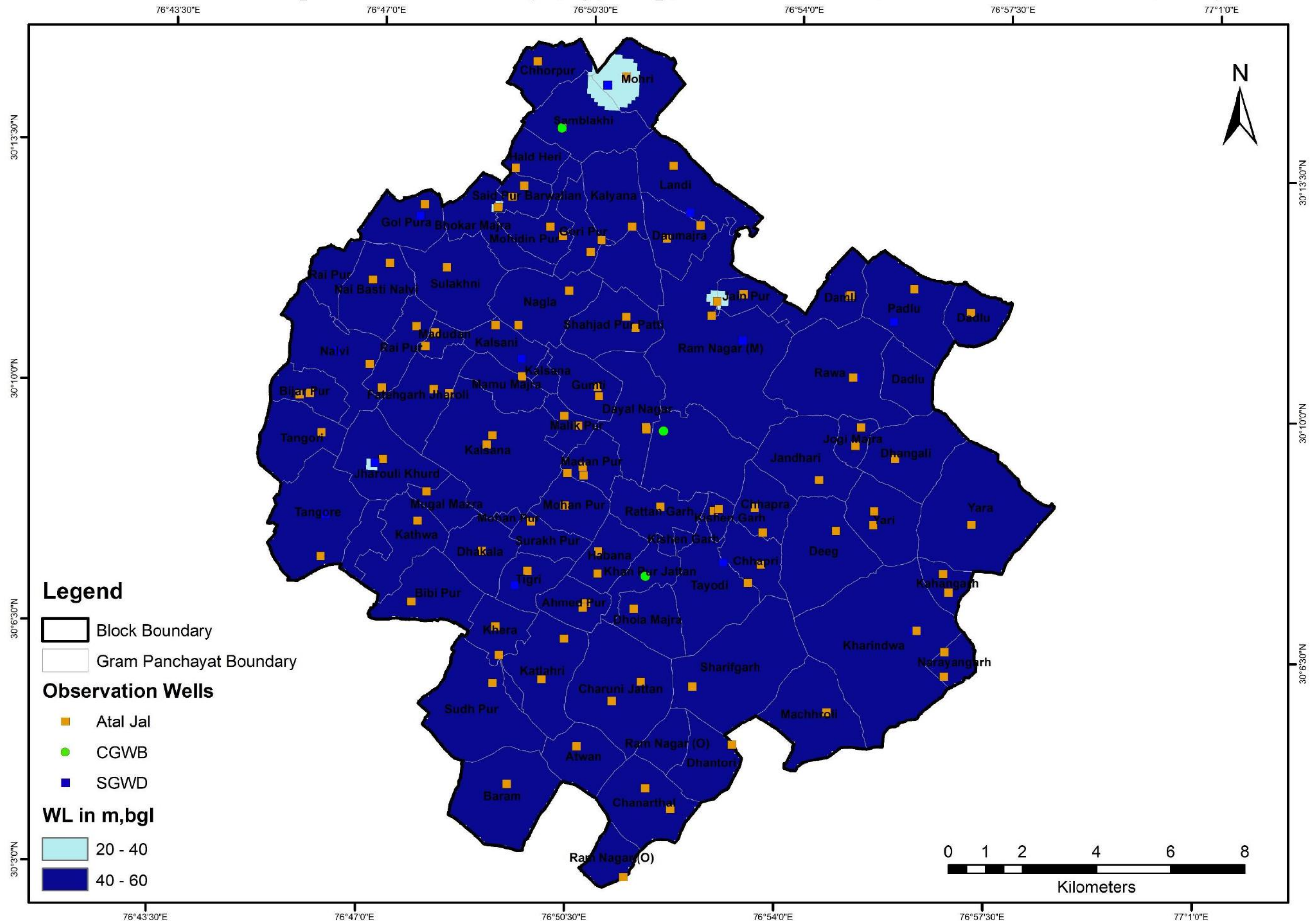
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block-Shahbad, District- Kurukshetra, Haryana



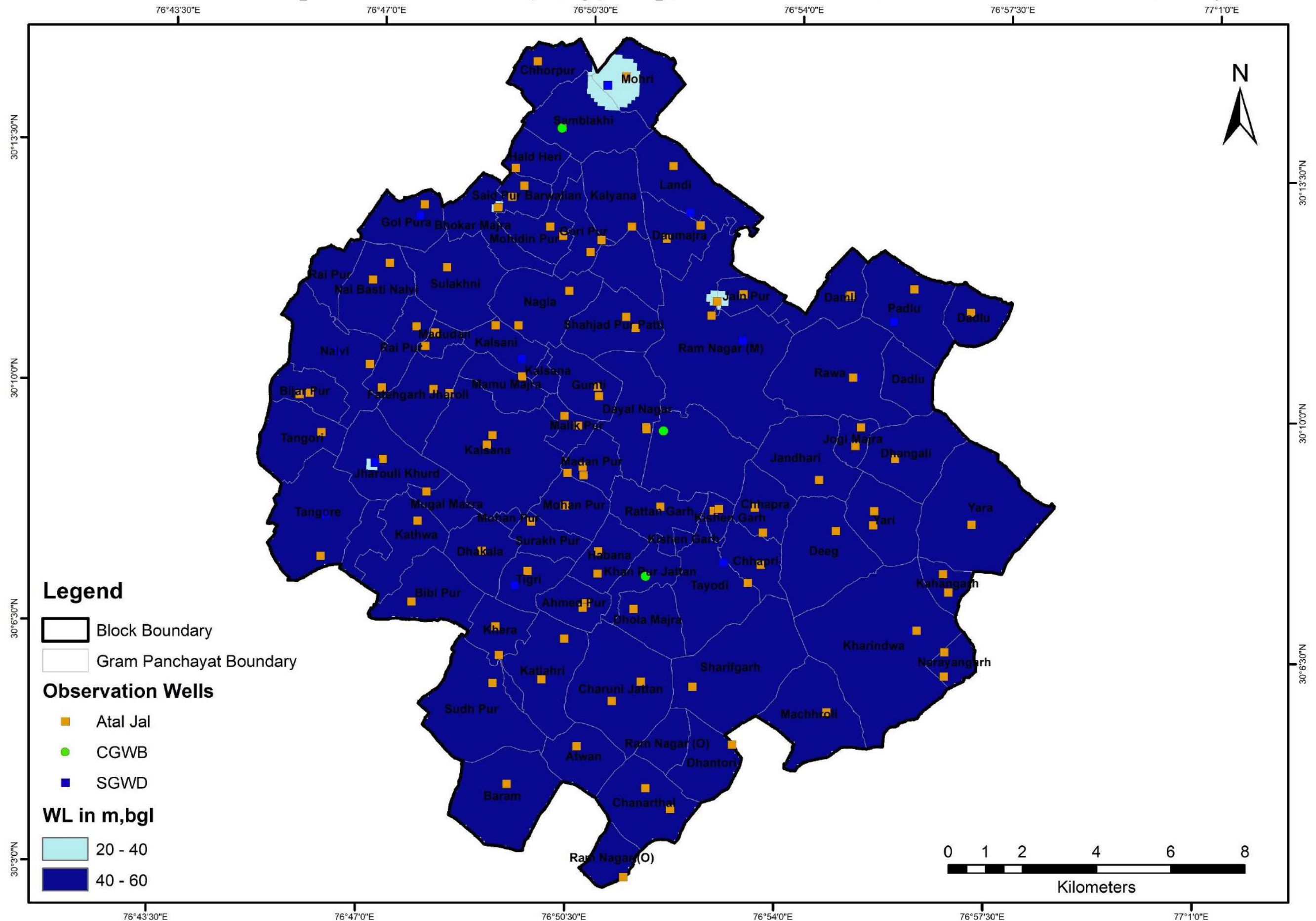
Hydrogeological Map, Block- Shahbad, District- Kurukshetra, Haryana



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



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



Electrical Conductivity of Groundwater-2024, Block - Shahbad, District - Kurukshetra, Haryana



ANNEXURE: 1
BASIC DATA OF MONITORING WELLS

State	Haryana				District		Kurukshetra				Block		Shahabad		
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_487	Ahmed Pur_31296	Ahmadpur	Gps, Ahmadpur	30.1171	76.8449	Piezometer	221	Semi Confined to Confined	0.50	83	0.10	Both	Telemetric	Atal Jal
2.	GWL-06-068-00520-00031296-001	Ahmed Pur_31296	Ahemdpur	Dal Singh Farmer Field	30.1160	76.8441	Tube Well	262	Semi Confined to Confined	0.10	180	0.20	WL	Manual	Atal Jal-Private
3.	HR_GW_488	Atwan_31297	Atwan	Govt Middle School, Atwan	30.0823	76.8437	Piezometer	260	Semi-Confined To Confined	0.50	89	0.10	Both	Telemetric	Atal Jal
4.	HR_GW_489	Baram_31299	Baram	Panchayat Land Baram	30.0725	76.8246	Piezometer	257	Unconfined To Semi-Confined	0.50	91	0.10	Both	Telemetric	Atal Jal
5.	HR_GW_490	Bhokar Majra_31300	Bokhar Majra	Govt. Crematorium, Bokhar Majra	30.2122	76.8164	Piezometer	262	Semi-Confined To Confined	0.50	101	0.10	Both	Telemetric	Atal Jal
6.	HR_GW_491	Bibi Pur_31301	Bibipur	Shamshan Ghat Bibipur	30.1159	76.7962	Piezometer	261	Semi-Confined To Confined	0.50	94	0.10	Both	Telemetric	Atal Jal
7.	GWL-06-068-00520-00031302-001	Bijar Pur_31302	Bijarpur	Gurmel Singh Near House	30.1652	76.7629	Tube Well	260	Semi Confined to Confined	0.20	66	0.10	WL	Manual	Atal Jal-Private
8.	KKR_SHA_BIJ_1	Bijar Pur_31302	Bijar Pur	Jagdeep Singh	30.1656	76.7658	Tube Well	258	Unconfined to Confined	0.15	101	0.18	WQ	Manual	Atal Jal
9.	HR_GW_493	Chanarthal_31303	Chanarthal	Samsaan Ghaat,Chanarthal	30.0679	76.8705	Piezometer	264	Semi Confined to Confined	0.50	94	0.10	Both	Telemetric	Atal Jal
10.	GWL-06-068-00520-00031303-001	Chanarthal_31303	Chanarthal	Gurmej Farmer Field	30.0728	76.8633	Tube Well	260	Semi Confined to Confined	0.20	135	0.25	WL	Manual	Atal Jal-Private
11.	GWL-06-068-00520-00031304-001	Charuni Jattan_31304	Charuni Jattan	Karam Jeet	30.0985	76.8610	Tube Well	260	Semi Confined to Confined	0.30	71	0.20	WL	Manual	Atal Jal-Private
12.	KKR_SHA_CHJ_1	Charuni Jattan_31304	Charuni Jattan	Kehar Singh	30.0936	76.8531	Tube Well	260	Unconfined to Confined	0.40	104	0.18	WQ	Manual	Atal Jal
13.	GWL-06-068-00520-00031305-001	Chhapra_31305	Chhapra	Surjeet	30.1417	76.8911	Tube Well	261	Semi Confined to Confined	0.30	64	0.22	WL	Manual	Atal Jal-Private
14.	KKR_SHA_CHH_1	Chhapra_31305	Chhapra	Sukhvindr Singh	30.1357	76.8936	Tube Well	261	Unconfined to Confined	0.30	91	0.22	WQ	Manual	Atal Jal
15.	HR_GW_492	Chhapri_31306	Chapari	Govt Middle School, Chapari	30.1279	76.8933	Piezometer	261	Semi-Confined To Confined	0.50	128	0.10	Both	Telemetric	Atal Jal
16.	HR_GW_468	Chhorpur_31307	Chhorpur	Govt Primary School, Chhorpur	30.2480	76.8260	Piezometer	267	Semi-Confined To Confined	0.50	130	0.10	Both	Telemetric	Atal Jal
17.	HR_GW_469	Dadlu_31308	Dadlu	Veterinary Hospital, Dadlu	30.1908	76.9495	Piezometer	270	Semi-Confined To Confined	0.50	121	0.10	Both	Telemetric	Atal Jal
18.	GWL-06-068-00520-00031310-001	Damli_31310	Damli	Pipal Singh So Sulkhan Singh	30.1940	76.9157	Tube Well	269	Semi Confined to Confined	0.50	92	0.25	WL	Manual	Atal Jal-Private
19.	KKR_SHA_DAM_1	Damli_31310	Damli	Tarvinder	30.1938	76.9154	Tube Well	269	Unconfined to Confined	0.67	137	0.18	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-06-068-00520-00031312-002	Daumajra_31312	Daumajra	Nirmal Field	30.2062	76.8638	Tube Well	266	Semi Confined to Confined	0.50	72	0.10	WL	Manual	Atal Jal-Private
21.	KKR_SHA_DAU_1	Daumajra_31312	Daumajra	Joginder	30.2097	76.8731	Tube Well	266	Unconfined to Confined	0.45	137	0.18	WQ	Manual	Atal Jal
22.	GWL-06-068-00520-00031313-001	Dayal Nagar_31313	Dayal Nagar	Joginder Singh In Filed	30.1598	76.8601	Tube Well	260	Semi Confined to Confined	0.10	80	0.25	WL	Manual	Atal Jal-Private
23.	KKR_SHA_DAY_1	Dayal Nagar_31313	Dayal Nagar	Hardeep Singh	30.1603	76.8599	Tube Well	260	Unconfined to Confined	0.14	107	0.21	WQ	Manual	Atal Jal
24.	HR_GW_471	Deeg_31314	Deeg	Gsss, Deeg	30.1367	76.9140	Piezometer	263	Unconfined To Semi-Confined	0.50	128	0.10	Both	Telemetric	Atal Jal
25.	HR_GW_494	Dhakala_31309	Dakala	Panchayati Land	30.1288	76.8153	Piezometer	264	Semi-Confined To Confined	0.50	125	0.10	Both	Telemetric	Atal Jal
26.	HR_GW_495	Dhangali_31311	Dhangali	Govt Middle School, Dhangali	30.1548	76.9297	Piezometer	264	Semi-Confined To Confined	0.50	117	0.10	Both	Telemetric	Atal Jal
27.	HR_GW_496	Dhantori_31315	Dhantori	Panchayati Land, Dhantori	30.0840	76.8871	Piezometer	260	Semi-Confined To Confined	0.50	111	0.10	Both	Telemetric	Atal Jal
28.	HR_GW_497	Dhola Majra_31316	Dholla Majra	Govt Primary School, Dholla Majra	30.1161	76.8583	Piezometer	261	Semi-Confined To Confined	0.50	128	0.10	Both	Telemetric	Atal Jal
29.	GWL-06-068-00520-00031317-001	Fatehgarh Jharoli_31317	Fatehgarhjharoli	Basant Singh In Filed	30.1677	76.8002	Tube Well	263	Semi Confined to Confined	0.15	70	0.25	WL	Manual	Atal Jal-Private
30.	KKR_SHA_FAT_1	Fatehgarh Jharoli_31317	Fatehgarh Jharoli	Darshan Singh	30.1668	76.8047	Tube Well	262	Unconfined to Confined	0.26	104	0.24	WQ	Manual	Atal Jal
31.	KKR_SHA_GOL_1	Gol Pura_31318	Gol Pura	Ashoki	30.2123	76.7959	Tube Well	262	Unconfined to Confined	0.40	116	0.18	WQ	Manual	Atal Jal
32.	GWL-06-068-00520-00031319-001	Gori Pur_31319	Goripur	Surender	30.2053	76.8456	Tube Well	265	Semi Confined to Confined	0.10	91	0.10	WL	Manual	Atal Jal-Private
33.	KKR_SHA_GOR_1	Gori Pur_31319	Gori Pur	Harbhajan Singh	30.2022	76.8426	Tube Well	262	Unconfined to Confined	0.30	152	0.15	WQ	Manual	Atal Jal
34.	HR_GW_498	Gumti_31320	Gumti	Govt. Crematorium, Tangori	30.1674	76.8464	Piezometer	190.96	Semi Confined to Confined	0.50	68	0.10	Both	Telemetric	Atal Jal
35.	GWL-06-068-00520-00031320-001	Gumti_31320	Gumti	Naib Singh Near Petrol Pump	30.1697	76.8459	Tube Well	265	Semi Confined to Confined	0.10	77	0.20	WL	Manual	Atal Jal-Private
36.	GWL-06-068-00520-00031321-002	Habana_31321	Habana	Kushpal Singh Field	30.1297	76.8478	Tube Well	260	Semi Confined to Confined	0.40	148	0.25	WL	Manual	Atal Jal-Private
37.	KKR_SHA_HAB_1	Habana_31321	Habana	Ajay	30.1243	76.8478	Tube Well	261	Unconfined to Confined	0.25	107	0.21	WQ	Manual	Atal Jal
38.	HR_GW_475	Hald Heri_31322	Haldheri	Govt. Crematorium, Haldheri	30.2219	76.8209	Piezometer	262	Semi-Confined To Confined	0.50	71	0.10	Both	Telemetric	Atal Jal
39.	GWL-06-068-00520-00031324-001	Jain Pur_31324	Jainpur	Jai Singh Farm	30.1914	76.8785	Tube Well	267	Semi Confined to Confined	0.10	90	0.10	WL	Manual	Atal Jal-Private
40.	KKR_SHA_JAI_1	Jain Pur_31324	Jain Pur	Kewal Singh	30.1934	76.8858	Tube Well	268	Unconfined to Confined	0.30	101	0.18	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
41.	KKR_SHA_JAN_1	Jandhari_31325	Jandhari	Daljeet	30.1489	76.9088	Tube Well	266	Unconfined to Confined	0.55	88	0.15	WQ	Manual	Atal Jal
42.	HR_GW_485	Jharouli Khurd_31326	Jaroli Khurd	Govt Middle School, Jarouli Khurd	30.1502	76.7868	Piezometer	262	Semi-Confined To Confined	0.50	114	0.10	Both	Telemetric	Atal Jal
43.	GWL-06-068-00520-00031327-001	Jogi Majra_31327	Jogi Majra	Bitu Lala	30.1575	76.9186	Tube Well	263	Semi Confined to Confined	0.45	91	0.20	WL	Manual	Atal Jal-Private
44.	KKR_SHA_JOG_1	Jogi Majra_31327	Jogi Majra	Omprakash	30.1621	76.9199	Tube Well	265	Unconfined to Confined	0.65	76	0.17	WQ	Manual	Atal Jal
45.	GWL-06-068-00520-00272674-001	Kahangarh_272674	Kahangargarh	Phed Tubewell	30.1228	76.9459	Tube Well	264	Semi Confined to Confined	0.20	107	0.25	WL	Manual	Atal Jal-Private
46.	KKR_SHA_KAH_1	Kahangarh_272674	Kahangarh	Bagale Singh	30.1272	76.9442	Tube Well	263	Unconfined to Confined	0.15	122	0.23	WQ	Manual	Atal Jal
47.	GWL-06-068-00520-00031328-001	Kalsana_31328	Kalsana	Kalsana Public Health	30.1570	76.8171	Tube Well	261	Semi Confined to Confined	0.95	115	0.25	WL	Manual	Atal Jal-Private
48.	KKR_SHA_KSA_1	Kalsana_31328	Kalsana	Ashok Kumar	30.1546	76.8157	Tube Well	261	Unconfined to Confined	0.61	98	0.21	WQ	Manual	Atal Jal
49.	KKR_SHA_KSI_1	Kalsani_31329	Kalsani	Gurdeep Singh	30.1836	76.8168	Tube Well	259	Unconfined to Confined	0.51	122	0.18	WQ	Manual	Atal Jal
50.	HR_GW_470	Kalyana_31330	Kalyana	Govt. Crematorium, Kalyana	30.2088	76.8539	Piezometer	266	Semi-Confined To Confined	0.50	129	0.10	Both	Telemetric	Atal Jal
51.	HR_GW_472	Kathwa_31331	Kathwa	Govt Middle School, Katwa	30.1355	76.7971	Piezometer	262	Semi-Confined To Confined	0.50	131	0.10	Both	Telemetric	Atal Jal
52.	GWL-06-068-00520-00031332-001	Katlahri_31332	Katlahri	Karmveer Sharma Field	30.0982	76.8333	Tube Well	260	Semi Confined to Confined	0.50	70	0.20	WL	Manual	Atal Jal-Private
53.	KKR_SHA_KAT_1	Katlahri_31332	Katlahri	Chhju Singh	30.1083	76.8392	Tube Well	262	Unconfined to Confined	0.52	91	0.22	WQ	Manual	Atal Jal
54.	HR_GW_486	Kharindwa_31334	Kharindwa	Gsss, Kharindwa	30.1132	76.9374	Piezometer	263	Semi-Confined To Confined	0.50	120	0.10	Both	Telemetric	Atal Jal
55.	HR_GW_502	Khera_31335	Khera	Govt Primary School, Khera	30.1037	76.8212	Piezometer	259.6	Semi Confined to Confined	0.50	123	0.10	Both	Telemetric	Atal Jal
56.	GWL-06-068-00520-00031335-001	Khera_31335	Khera	Ram Kishan Farmer Field	30.1107	76.8198	Tube Well	260	Semi Confined to Confined	0.50	67	0.10	WL	Manual	Atal Jal-Private
57.	GWL-06-068-00520-00031336-001	Kishen Garh_31336	Kishengarh	Jagir Singh	30.1410	76.8811	Tube Well	260	Semi Confined to Confined	1.20	72	0.25	WL	Manual	Atal Jal-Private
58.	KKR_SHA_KIS_1	Kishen Garh_31336	Kishen Garh	Jashwinder Singh	30.1406	76.8796	Tube Well	262	Unconfined to Confined	0.42	98	0.19	WQ	Manual	Atal Jal
59.	KKR_SHA_LAN_1	Landi_31337	Landi	Amrik Singh	30.2238	76.8650	Tube Well	267	Unconfined to Confined	0.52	104	0.19	WQ	Manual	Atal Jal
60.	HR_GW_473	Machhroli_31338	Machraul	Panchayat Land	30.0927	76.9131	Piezometer	261	Semi-Confined To Confined	0.50	129	0.10	Both	Telemetric	Atal Jal
61.	GWL-06-068-00520-00031339-001	Madan Pur_31339	Madanpur	Devidayal Filed	30.1481	76.8429	Tube Well	261	Semi Confined to Confined	0.30	62	0.15	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
62.	KKR_SHA_MAP_1	Madan Pur_31339	Madan Pur	Balwan Singh	30.1502	76.8426	Tube Well	263	Unconfined to Confined	0.43	122	0.19	WQ	Manual	Atal Jal
63.	GWL-06-068-00520-00031340-001	Madudan_31340	Madudan	Gurdev Singh Filed	30.1814	76.8001	Tube Well	258	Semi Confined to Confined	0.30	68	0.25	WL	Manual	Atal Jal-Private
64.	KKR_SHA_MAD_1	Madudan_31340	Madudan	Suchha Singh	30.1780	76.7975	Tube Well	261	Unconfined to Confined	0.53	101	0.23	WQ	Manual	Atal Jal
65.	GWL-06-068-00520-00031342-001	Malik Pur_31342	Malikpur	Kasmir Singh	30.1601	76.8409	Tube Well	262	Semi Confined to Confined	0.30	67	0.25	WL	Manual	Atal Jal-Private
66.	KKR_SHA_MAL_1	Malik Pur_31342	Malik Pur	Shamshed	30.1623	76.8370	Tube Well	259	Unconfined to Confined	0.22	91	0.23	WQ	Manual	Atal Jal
67.	HR_GW_474	Mamu Majra_31341	Mamu Majra	Govt Primary School, Mamu Majra	30.1715	76.8248	Piezometer	263	Semi-Confined To Confined	0.50	120	0.10	Both	Telemetric	Atal Jal
68.	GWL-06-068-00520-00031343-001	Mohan Pur_31343	Mohan Pur	Water Supply Station	30.1405	76.8380	Tube Well	262	Semi Confined to Confined	0.10	70	0.15	WL	Manual	Atal Jal-Private
69.	KKR_SHA_MOH_1	Mohan Pur_31343	Mohan Pur	Gurvinder Singh	30.1485	76.8384	Tube Well	262	Unconfined to Confined	0.32	91	0.18	WQ	Manual	Atal Jal
70.	GWL-06-068-00520-00031344-001	Mohidin Pur_31344	Mohidinpur	Dulara Singh Farm	30.2059	76.8348	Tube Well	260	Semi Confined to Confined	0.50	70	0.20	WL	Manual	Atal Jal-Private
71.	KKR_SHA_MHI_1	Mohidin Pur_31344	Mohidin Pur	Sukhvindr Singh	30.2081	76.8311	Tube Well	263	Unconfined to Confined	0.40	107	0.20	WQ	Manual	Atal Jal
72.	KKR_SHA_MRI_1	Mohri_31345	Mohri	Balbir Singh	30.2451	76.8509	Tube Well	269	Unconfined to Confined	0.33	122	0.19	WQ	Manual	Atal Jal
73.	HR_GW_499	Mugal Mazra_31346	Mugal Majra	Govt Primary School, Mugal Majra	30.1427	76.7993	Piezometer	262	Semi-Confined To Confined	0.50	123	0.10	Both	Telemetric	Atal Jal
74.	GWL-06-068-00520-00031347-001	Nagla_31347	Nagla	Gurmej Singh Field	30.1839	76.8233	Tube Well	262	Semi Confined to Confined	0.50	73	0.10	WL	Manual	Atal Jal-Private
75.	KKR_SHA_NAG_1	Nagla_31347	Nagla	Ramesh	30.1927	76.8371	Tube Well	262	Unconfined to Confined	0.46	98	0.18	WQ	Manual	Atal Jal
76.	GWL-06-068-00520-00031348-001	Nai Basti Nalvi_31348	New Bastinalvi	Village Entry Point	30.1936	76.7822	Tube Well	258	Semi Confined to Confined	0.15	75	0.20	WL	Manual	Atal Jal-Private
77.	KKR_SHA_NAI_1	Nai Basti Nalvi_31348	Nai Basti Nalvi	Dinesh Saini	30.1978	76.7867	Tube Well	258	Unconfined to Confined	0.48	110	0.20	WQ	Manual	Atal Jal
78.	KKR_SHA_NAL_1	Nalvi_31349	Nalvi	Satpal Singh	30.1731	76.7822	Tube Well	257	Unconfined to Confined	0.38	116	0.17	WQ	Manual	Atal Jal
79.	GWL-06-068-00520-00031350-001	Narayangarh_31350	Narayangarh	Ramkumar Field	30.1083	76.9454	Tube Well	263	Semi Confined to Confined	0.30	121	0.25	WL	Manual	Atal Jal-Private
80.	KKR_SHA_NAR_1	Narayangarh_31350	Narayangarh	Sandeep Kumar	30.1024	76.9455	Tube Well	261	Unconfined to Confined	0.17	107	0.23	WQ	Manual	Atal Jal
81.	KKR_SHA_PAD_1	Padlu_31351	Padlu	Karandeep	30.1961	76.9334	Tube Well	269	Unconfined to Confined	0.53	137	0.15	WQ	Manual	Atal Jal
82.	GWL-06-068-00520-00031352-001	Rai Pur_31352	Rai Pur	Lakwinder Singh Near House	30.1827	76.7948	Tube Well	258	Semi Confined to Confined	0.10	85	0.10	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
83.	KKR_SHA_RAI_1	Rai Pur_31352	Rai Pur	Mukhtyar Singh	30.1675	76.7858	Tube Well	260	Unconfined to Confined	0.30	116	0.21	WQ	Manual	Atal Jal
84.	HR_GW_476	Ram Nagar (M)_31353	Ram Nagar(M)	Panchayati Land, Ram Nagar(O)	30.1880	76.8771	Piezometer	266	Semi-Confined To Confined	0.50	130	0.10	Both	Telemetric	Atal Jal
85.	HR_GW_477	Ram Nagar (O)_31354	Rawal Kheri	Shamshan Ghat Rawal Kheri	30.0510	76.8580	Piezometer	257	Unconfined To Semi-Confined	0.50	104	0.10	Both	Telemetric	Atal Jal
86.	HR_GW_500	Rattan Garh_31355	Rattan Garh	Govt Middle School Rattan Garh	30.1411	76.8647	Piezometer	263	Semi-Confined To Confined	0.50	117	0.10	Both	Telemetric	Atal Jal
87.	HR_GW_478	Rawa_31356	Rawa	Govt Sr.Sec School, Rawa	30.1741	76.9172	Piezometer	265	Semi-Confined To Confined	0.50	131	0.10	Both	Telemetric	Atal Jal
88.	GWL-06-068-00520-00031357-001	Said Pur Barwalian_31357	Saidpurbarwalian	Gurcharan Singh	30.2178	76.8234	Tube Well	264	Semi Confined to Confined	0.50	88	0.20	WL	Manual	Atal Jal-Private
89.	KKR_SHA_SAI_1	Said Pur Barwalian_31357	Said Pur Barwalian	Gurmeet	30.2149	76.8202	Tube Well	263	Unconfined to Confined	0.27	137	0.20	WQ	Manual	Atal Jal
90.	HR_GW_501	Samblakhi_31358	Sambalkhi	Govt Sr Sec School Sambalkhi	30.2322	76.8336	Piezometer	266	Semi-Confined To Confined	0.50	101	0.10	Both	Telemetric	Atal Jal
91.	GWL-06-068-00520-00031359-001	Shahjad Pur Patti_31359	Shajadpurpatti	Near Ambu Ram Farm	30.1869	76.8532	Tube Well	264	Semi Confined to Confined	0.10	70	0.10	WL	Manual	Atal Jal-Private
92.	KKR_SHA_SPP_1	Shahjad Pur Patti_31359	Shahjad Pur Patti	Ram Lal	30.1842	76.8560	Tube Well	263	Unconfined to Confined	0.26	122	0.18	WQ	Manual	Atal Jal
93.	HR_GW_479	Sharifgarh_265299	Sarifgarh	Gram Sachiwalay	30.0978	76.8755	Piezometer	263	Semi-Confined To Confined	0.50	113	0.10	Both	Telemetric	Atal Jal
94.	HR_GW_480	Sudh Pur_31360	Sudhpur	Govt Middle School Sudhpur	30.0969	76.8197	Piezometer	260	Unconfined To Semi-Confined	0.50	124	0.10	Both	Telemetric	Atal Jal
95.	HR_GW_503	Sulakhni_31361	Sulkhani	Veterinary Hospital, Sulkhani	30.1973	76.8027	Piezometer	259	Semi-Confined To Confined	0.50	125	0.10	Both	Telemetric	Atal Jal
96.	HR_GW_481	Surakh Pur_31362	Surakhpur	Govt Middle School Surakhpur	30.1364	76.8287	Piezometer	262	Unconfined To Semi-Confined	0.50	129	0.10	Both	Telemetric	Atal Jal
97.	KKR_SHA_TRE_1	Tangore_31363	Tangore	Harman Singh	30.1262	76.7704	Tube Well	259	Unconfined to Confined	0.63	107	0.15	WQ	Manual	Atal Jal
98.	HR_GW_482	Tangori_31364	Tangori	Govt. Crematorium, Tangori	30.1562	76.7694	Piezometer	260	Semi-Confined To Confined	0.50	127	0.10	Both	Telemetric	Atal Jal
99.	HR_GW_483	Tayodi_298013	Teyodi	Shamshan Ghat	30.1234	76.8899	Piezometer	262	Semi-Confined To Confined	0.50	109	0.10	Both	Telemetric	Atal Jal
100.	KKR_SHA_TIG_1	Tigri_31366	Tigri	Sonu	30.1243	76.8283	Tube Well	261	Unconfined to Confined	0.42	128	0.16	WQ	Manual	Atal Jal
101.	HR_GW_484	Yara_31367	Yara	Gsss, School	30.1394	76.9517	Piezometer	265	Semi-Confined To Confined	0.50	127	0.10	Both	Telemetric	Atal Jal
102.	GWL-06-068-00520-00031368-001	Yari_31368	Yari	Panchayti Tubewell	30.1419	76.9244	Tube Well	265	Semi Confined to Confined	0.30	80	0.15	WL	Manual	Atal Jal-Private
103.	KKR_SHA_YRI_1	Yari_31368	Yari	Balbir Singh	30.1384	76.9243	Tube Well	262	Unconfined to Confined	0.60	91	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
104.	W300730076513901	Khan Pur Jattan_31333	Khanpur Jattan-Pz.	Khanpur Jattan M -Pz	30.1241	76.8612	Piezometer	261	Unconfined to Semi Confined	0.50	55	0.10	Both	Manual	CGWB
105.	W301000076520001	Ram Nagar (M)_31353	Shahbad	Shahbad	30.1595	76.8648	Tube Well	264	Alluvium	0.50	135	0.10	WQ	Manual	CGWB
106.	W301406076494001	Samblakhi_31358	Samalkhi	Samalkhi	30.2320	76.8334	Tube Well	266	Alluvium	0.23	106	0.23	WQ	Manual	CGWB
107.	Go_30.21_76.795	Gol Pura_31318	Gol Pura	In Govt. Middle School	30.2095	76.7948	Piezometer	260.7	Unconfined and Confined	0.65	86	0.10	WL	Manual	SGWD
108.	Ja_30.149_76.909	Jandhari_31325	Jandheri	In Govt. High School	30.1489	76.9089	Piezometer	264.75	Unconfined and Confined	0.65	76	0.10	WL	Manual	SGWD
109.	Jh_30.149_76.785	Jharouli Khurd_31326	Jharoli Khurd	In The Village	30.1493	76.7846	Tube Well	258.1	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
110.	Ka_30.1_76_76.825	Kalsani_31329	Kalsani	In The Village	30.1758	76.8245	Tube Well	265.5	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
111.	Kh_30.113_76.937	Kharindwa_31334	Kharindwa	In The Village	30.1132	76.9367	Tube Well	258.3	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
112.	La_30.213_76.87	Landi_31337	Landi	In The Village	30.2126	76.8701	Tube Well	263.8	Unconfined and Confined	0.70	120	0.25	WL	Manual	SGWD
113.	Mo_30.2427_76.8457	Mohri_31345	Mohri	Panchayati	30.2428	76.8458	Dug Well	267.1	Unconfined and Confined	1.25	66	2.00	WL	Manual	SGWD
114.	Mo_30.242_76.845	Mohri_31345	Mohri	In Govt. Primary School	30.2428	76.8458	Piezometer	267.1	Unconfined and Confined	0.65	51	0.10	WL	Manual	SGWD
115.	Na_30.176_76.773	Nalvi_31349	Nalvi	In Govt. Sr.Sec. School	30.1760	76.7729	Piezometer	257	Unconfined and Confined	0.65	76	0.10	WL	Manual	SGWD
116.	Pa_30.188_76.928	Padlu_31351	Padlu	In Govt. High School	30.1879	76.9281	Piezometer	267.1	Unconfined and Confined	0.65	96	0.10	WL	Manual	SGWD
117.	Ra_30.182_76.886	Ram Nagar (M)_31353	Ram Nagar	In Ibdc Center	30.1821	76.8860	Piezometer	260.24	Unconfined and Confined	0.65	62	0.10	WL	Manual	SGWD
118.	Ra_30.174_76.918	Rawa_31356	Rawa	In The Village	30.1741	76.9180	Tube Well	274.1	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
119.	Ta_30.136_76.771	Tangore_31363	Tangore	In Govt. High School	30.1363	76.7714	Piezometer	257.35	Unconfined and Confined	0.65	76	0.10	WL	Manual	SGWD
120.	Te_30.1_28_76.883	Tayodi_298013	Teora	In The Village	30.1281	76.8829	Tube Well	260.7	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
121.	Ti_30.121_76.825	Tigri_31366	Tigri	In The Village	30.1208	76.8249	Tube Well	259.2	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
122.	Ya_30.14_76.952	Yara_31367	Yara	In The Village	30.1399	76.9517	Tube Well	261.75	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD

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

State	Haryana	District	Kurukshetra	Block	Shahbad
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	Atwan_31297	Atal Jal	Piezometer	30.0823	76.8437	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	47	46	46
2	Baram_31299	Atal Jal	Piezometer	30.0725	76.8246	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45	36	45	47
3	Bhokar Majra_31300	Atal Jal	Piezometer	30.2122	76.8164	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52	52	39	41
4	Bibi Pur_31301	Atal Jal	Piezometer	30.1159	76.7962	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	49	49	48
5	Chhapri_31306	Atal Jal	Piezometer	30.1279	76.8933	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	46	47	47
6	Chhorpur_31307	Atal Jal	Piezometer	30.2480	76.8260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45	56	57	58
7	Dadlu_31308	Atal Jal	Piezometer	30.1908	76.9495	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	50	49	50
8	Deeg_31314	Atal Jal	Piezometer	30.1367	76.9140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	47	47	47
9	Dhakala_31309	Atal Jal	Piezometer	30.1288	76.8153	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	49	50	51
10	Dhangali_31311	Atal Jal	Piezometer	30.1548	76.9297	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	48	48	49
11	Dhantori_31315	Atal Jal	Piezometer	30.0840	76.8871	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	46	43	43
12	Dhola Majra_31316	Atal Jal	Piezometer	30.1161	76.8583	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	48	47
13	Hald Heri_31322	Atal Jal	Piezometer	30.2219	76.8209	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36	53	53	55
14	Jharouli Khurd_31326	Atal Jal	Piezometer	30.1502	76.7868	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	40	48	48
15	Kalyana_31330	Atal Jal	Piezometer	30.2088	76.8539	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53	53	53	55
16	Kathwa_31331	Atal Jal	Piezometer	30.1355	76.7971	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	48	49	48
17	Kharindwa_31334	Atal Jal	Piezometer	30.1132	76.9374	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	46	45	46
18	Machhroli_31338	Atal Jal	Piezometer	30.0927	76.9131	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	46	45	45
19	Mamu Majra_31341	Atal Jal	Piezometer	30.1715	76.8248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	51	51	51
20	Mugal Mazra_31346	Atal Jal	Piezometer	30.1427	76.7993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51	49	49	49
21	Ram Nagar (M)_31353	Atal Jal	Piezometer	30.1880	76.8771	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	49	44	50
22	Ram Nagar (O)_31354	Atal Jal	Piezometer	30.0510	76.8580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	45	42	43
23	Rattan Garh_31355	Atal Jal	Piezometer	30.1411	76.8647	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45	51	50	50
24	Rawa_31356	Atal Jal	Piezometer	30.1741	76.9172	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	48	48	49
25	Samblakhi_31358	Atal Jal	Piezometer	30.2322	76.8336	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	48	52	53
26	Sharifgarh_265299	Atal Jal	Piezometer	30.0978	76.8755	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	49	47	46
27	Sudh Pur_31360	Atal Jal	Piezometer	30.0969	76.8197	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	46	48
28	Sulakhni_31361	Atal Jal	Piezometer	30.1973	76.8027	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53	56	51	53
29	Surakh Pur_31362	Atal Jal	Piezometer	30.1364	76.8287	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	49	50	50
30	Tangori_31364	Atal Jal	Piezometer	30.1562	76.7694	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	49	49	48
31	Tayodi_298013	Atal Jal	Piezometer	30.1234	76.8899	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	47	46	46
32	Yara_31367	Atal Jal	Piezometer	30.1394	76.9517	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	49	45	46
33	Ahmed Pur_31296	Atal Jal	Piezometer	30.1171	76.8449	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	47
34	Ahmed Pur_31296	Atal Jal	Tube Well	30.1160	76.8441	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	47	47
35	Bijar Pur_31302	Atal Jal	Tube Well	30.1652	76.7629	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	47	49
36	Chanarthal_31303	Atal Jal	Piezometer	30.0679	76.8705	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	43	44
37	Chanarthal_31303	Atal Jal	Tube Well	30.0728	76.8633	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	46	44	45

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
38	Charuni Jattan_31304	Atal Jal	Tube Well	30.0985	76.8610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45	46	45	47
39	Chhapra_31305	Atal Jal	Tube Well	30.1417	76.8911	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	47	48	47
40	Damli_31310	Atal Jal	Tube Well	30.1940	76.9157	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	47	44	47
41	Daumajra_31312	Atal Jal	Tube Well	30.2062	76.8638	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53	52	51	55
42	Dayal Nagar_31313	Atal Jal	Tube Well	30.1598	76.8601	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54	54	53	50
43	Fatehgarh Jharoli_31317	Atal Jal	Tube Well	30.1677	76.8002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52	51	50	51
44	Gori Pur_31319	Atal Jal	Tube Well	30.2053	76.8456	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53	53	51	50
45	Gumti_31320	Atal Jal	Piezometer	30.1674	76.8464	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	49	48	48
46	Gumti_31320	Atal Jal	Tube Well	30.1697	76.8459	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36	41	44	45
47	Habana_31321	Atal Jal	Tube Well	30.1297	76.8478	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	49	48	47
48	Jain Pur_31324	Atal Jal	Tube Well	30.1914	76.8785	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38	37	38	39
49	Jogi Majra_31327	Atal Jal	Tube Well	30.1575	76.9186	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	44	43	45
50	Kahangarh_272674	Atal Jal	Tube Well	30.1228	76.9459	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	46	43	45
51	Kalsana_31328	Atal Jal	Tube Well	30.1570	76.8171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	45	47	47
52	Katlahri_31332	Atal Jal	Tube Well	30.0982	76.8333	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	49	46	47
53	Khera_31335	Atal Jal	Piezometer	30.1037	76.8212	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	47	48
54	Khera_31335	Atal Jal	Tube Well	30.1107	76.8198	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	47	48
55	Kishen Garh_31336	Atal Jal	Tube Well	30.1410	76.8811	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	48	48	47
56	Madan Pur_31339	Atal Jal	Tube Well	30.1481	76.8429	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	48	47	46
57	Madudan_31340	Atal Jal	Tube Well	30.1814	76.8001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	40	41	43
58	Malik Pur_31342	Atal Jal	Tube Well	30.1601	76.8409	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	48	47	47
59	Mohan Pur_31343	Atal Jal	Tube Well	30.1405	76.8380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	49	48	46
60	Mohidin Pur_31344	Atal Jal	Tube Well	30.2059	76.8348	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	51	50	52
61	Nagla_31347	Atal Jal	Tube Well	30.1839	76.8233	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	37	42	46
62	Nai Basti Nalvi_31348	Atal Jal	Tube Well	30.1936	76.7822	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	47	47	48
63	Narayangarh_31350	Atal Jal	Tube Well	30.1083	76.9454	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	46	43	46
64	Rai Pur_31352	Atal Jal	Tube Well	30.1827	76.7948	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51	50	50	50
65	Said Pur Barwalian_31357	Atal Jal	Tube Well	30.2178	76.8234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	41	40	41
66	Shahjad Pur Patti_31359	Atal Jal	Tube Well	30.1869	76.8532	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	49	48	48
67	Yari_31368	Atal Jal	Tube Well	30.1419	76.9244	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	46	45	45
68	Khan Pur Jattan_31333	CGWB	Piezometer	30.1241	76.8612	NA	NA	39	42	41	43	45	45	46	44	42	45	43	46	47	49	NA	46	48	46.94
69	Gol Pura_31318	SGWD	Piezometer	30.2095	76.7948	43	44	45	46	47	47	48	50	50	52	50	51	50	51	51	52	51	51	50	52
70	Jandhari_31325	SGWD	Piezometer	30.1489	76.9089	43	43	43	45	44	45	46	46	47	49	47	47	46	46	46	46	46	47	45	45
71	Jharouli Khurd_31326	SGWD	Tube Well	30.1493	76.7846	40	42	42	43	44	45	46	47	48	50	49	51	51	51	51	51	49	37	37	47
72	Kalsani_31329	SGWD	Tube Well	30.1758	76.8245	43	44	44	46	46	47	48	49	51	52	51	52	52	52	52	52	50	52	46	47
73	Kharindwa_31334	SGWD	Tube Well	30.1132	76.9367	40	41	41	42	43	44	44	46	47	49	48	48	48	48	48	49	47	45	44	45
74	Landi_31337	SGWD	Tube Well	30.2126	76.8701	49	49	50	51	51	52	53	55	56	55	56	56	54	54	54	54	52	53	48	47
75	Mohri_31345	SGWD	Dug Well	30.2428	76.8458	6.5	6.9	8.2	8.6	9	9.5	9.5	10	8.8	7.4	8.1	7.8	7.7	7.4	NA	NA	NA	32	Dry	49
76	Mohri_31345	SGWD	Piezometer	30.2428	76.8458	32	33	33	33	33	34	35	35	36	35	35	33	32	32	32	30	32	32	34	49
77	Nalvi_31349	SGWD	Piezometer	30.1760	76.7729	43	44	45	46	48	48	49	49	52	50	51	50	48	50	49	50	50	52	50	49
78	Padlu_31351	SGWD	Piezometer	30.1879	76.9281	43	44	43	44	44	45	46	48	48	50	49	49	47	49	48	49	48	49	49	49
79	Ram Nagar (M)_31353	SGWD	Piezometer	30.1821	76.8860	39	42	41	43	44	45	46	46	45	47	45	46	44	45	44	45	45	47	45	50
80	Rawa_31356	SGWD	Tube Well	30.1741	76.9180	41	42	42	42	44	44	45	47	48	50	48	48	46	46	47	47	47	48	47	49
81	Tangore_31363	SGWD	Piezometer	30.1363	76.7714	40	41	42	43	43	44	45	45	45	45	44	45	44	45	45	46	46	48	47	48

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
82	Tayodi_298013	SGWD	Tube Well	30.1281	76.8829	40	41	42	43	44	45	46	47	48	48	47	47	46	47	46	47	47	47	45	46
83	Tigri_31366	SGWD	Tube Well	30.1208	76.8249	40	43	42	43	44	44	45	47	48	48	48	48	48	48	49	49	47	49	45	46
84	Yara_31367	SGWD	Tube Well	30.1399	76.9517	41	41	41	42	43	44	45	46	47	49	48	48	46	47	47	47	46	48	42	44

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

State	Haryana				District	Kurukshetra				Block				Shahbad						
Month of Collection of samples for WQ monitoring*														June						
Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃	
Ahmed Pur_31296	Atal Jal	Pizeometer	30.1171	76.8449	2024	7.86	441	257	108.1	31.16	7.35	32	4	0.681	99.29	63.87	41.69	0.21	12.4	
Atwan_31297	Atal Jal	Piezometer	30.0823	76.8437	2023	8.19	667	429.1	212.4	55.8	17.27	80	15	0.0	177.8	22.31	118.8	1.15	14.58	
Atwan_31297	Atal Jal	Piezometer	30.0823	76.8437	2024	7.96	585	374	160	46.75	10.5	47	6	1.2	142.7	91.56	59.93	0.29	17.6	
Baram_31299	Atal Jal	Piezometer	30.0725	76.8246	2023	7.45	462	305	217.1	67	12.1	34	12	0.0	154.7	24	40.4	0.45	16	
Baram_31299	Atal Jal	Piezometer	30.0725	76.8246	2024	7.42	434	257	108.1	31.16	7.35	32	4	0.2	99.7	63.48	41.69	0.21	12.4	
Bhokar Majra_31300	Atal Jal	Piezometer	30.2122	76.8164	2023	8.32	488	302.6	207.2	39.4	26.4	25	11	0.0	190.4	24	42.8	0.21	13	
Bhokar Majra_31300	Atal Jal	Piezometer	30.2122	76.8164	2024	8.45	461	273	116.7	32.9	8.4	34	4	2.8	101.2	67.04	44.29	0.21	13.1	
Bibi Pur_31301	Atal Jal	Piezometer	30.1159	76.7962	2023	7.67	450	293	187.5	57.2	10.9	27	10	0.0	142.8	26.9	54.6	0.67	18	
Bibi Pur_31301	Atal Jal	Piezometer	30.1159	76.7962	2024	7.97	401	254	108.1	31.16	7.35	32	4	0.8	95.1	61.75	41.69	0.2	12.3	
Bijar Pur_31302	Atal Jal	Tubewell	30.1656	76.7658	2024	7.03	474	281	121.1	34.63	8.4	35	4	0.109	107.9	71.17	46.9	0.22	13.4	
Chanarthal_31303	Atal Jal	Pizeometer	30.0679	76.8705	2024	8.37	659	389	164.3	48.48	10.5	49	6	3.261	144.7	93.96	62.53	0.31	18.2	
Charuni Jattan_31304	Atal Jal	Tubewell	30.0936	76.8531	2024	8.05	477	263	112.4	32.9	7.35	33	4	1.055	98.9	74.44	44.29	0.21	12.6	
Chhapra_31305	Atal Jal	Tubewell	30.1357	76.8936	2024	7.9	505	298	125.4	36.36	8.4	38	5	0.866	115.1	72.9	49.51	0.23	14.2	
Chhapri_31306	Atal Jal	Piezometer	30.1279	76.8933	2023	8.36	508	340.3	187.4	57.1	10.8	55.4	6	0.0	154.7	22.1	73.6	0.87	18.1	
Chhapri_31306	Atal Jal	Piezometer	30.1279	76.8933	2024	8.04	458	276	116.7	34.63	7.35	35	4	1.1	106.8	69.73	44.29	0.22	13.2	
Chhorpur_31307	Atal Jal	Piezometer	30.248	76.826	2023	8.2	508	300	206.2	55.62	16.34	26.68	8.39	0.0	159.0	23.65	52.47	0.33	19.75	
Chhorpur_31307	Atal Jal	Piezometer	30.248	76.826	2024	8.03	453	277	116.7	34.63	7.35	35	4	1.1	106.9	69.73	44.29	0.22	13.3	
Dadlu_31308	Atal Jal	Piezometer	30.1908	76.9495	2023	8.37	475	304	167.7	49.3	10.8	49.4	5.4	0.0	136.8	19.7	66.5	0.32	16.2	
Dadlu_31308	Atal Jal	Piezometer	30.1908	76.9495	2024	7.9	444	274	116.7	34.63	7.35	35	4	0.8	103.2	65.21	44.29	0.21	13.1	
Damli_31310	Atal Jal	Tubewell	30.1938	76.9154	2024	8.03	424	256	108.1	31.16	7.35	32	4	1.007	98.95	60.12	41.69	0.21	12.3	
Daumajra_31312	Atal Jal	Tubewell	30.2097	76.8731	2024	7.77	466	263	112.4	32.9	7.35	33	4	0.554	99.42	68.1	44.29	0.21	12.6	
Dayal Nagar_31313	Atal Jal	Tubewell	30.1603	76.8599	2024	8.31	475	287	121.1	34.63	8.4	36	4	2.15	109.8	68.38	46.9	0.23	13.7	
Deeg_31314	Atal Jal	Piezometer	30.1367	76.914	2023	7.78	444	280	162.8	45.4	12	28	12	0.0	148.8	18	57	0.65	15	
Deeg_31314	Atal Jal	Piezometer	30.1367	76.914	2024	7.9	419	242	103.8	29.43	7.35	30	4	0.7	91.3	60.98	39.08	0.19	11.7	
Dhakala_31309	Atal Jal	Piezometer	30.1288	76.8153	2023	8.02	472	274	185.6	51.5	13.83	24.36	7.67	0.0	143.1	21.61	47.22	0.34	18.06	
Dhakala_31309	Atal Jal	Piezometer	30.1288	76.8153	2024	8.33	423	238	99.44	29.43	6.3	30	4	1.8	90.1	64.83	39.08	0.19	11.6	
Dhangali_31311	Atal Jal	Piezometer	30.1548	76.9297	2023	8.38	511	321.9	177.6	53.2	10.8	52.4	5.7	0.0	148.7	20.9	71.2	0.75	17.1	
Dhangali_31311	Atal Jal	Piezometer	30.1548	76.9297	2024	8.43	464	281	121.1	34.63	8.4	35	4	2.7	105.2	70.21	46.9	0.22	13.4	
Dhantori_31315	Atal Jal	Piezometer	30.084	76.8871	2023	8.58	416	253.7	138.1	43.3	7.2	41.3	4.5	0.0	113.1	16.4	54.6	0.54	13.5	
Dhantori_31315	Atal Jal	Piezometer	30.084	76.8871	2024	8.58	384	248	103.8	31.16	6.3	31	4	3.4	92.5	57.13	41.69	0.2	12	
Dhola Majra_31316	Atal Jal	Piezometer	30.1161	76.8583	2023	8.21	451	257.1	138.1	41.4	8.4	41.8	4.5	0.0	119.0	16.6	57.1	0.53	13.7	
Dhola Majra_31316	Atal Jal	Piezometer	30.1161	76.8583	2024	8.15	423	241	103.8	29.43	7.35	30	4	1.2	90.7	61.94	39.08	0.19	11.7	
Fatehgarh Jharoli_31317	Atal Jal	Tubewell	30.1668	76.8047	2024	7.8	542	304	129.7	38.09	8.4	38	5	0.688	115.3	77.9	49.51	0.24	14.5	
Gol Pura_31318	Atal Jal	Tubewell	30.2123	76.7959	2024	7.41	628	370	155.6	45.02	10.5	47	6	0.348	143.6	96.56	59.93	0.29	17.4	
Gori Pur_31319	Atal Jal	Tubewell	30.2022	76.8426	2024	7.35	388	238	99.44	29.43	6.3	30	4	0.194	91.8	59.73	39.08	0.19	11.6	
Gumti_31320	Atal Jal	Pizeometer	30.1674	76.8464	2024	6.29	596	367	155.6	45.02	10.5	46	6	0.026	140	88.58	59.93	0.29	17.3	
Habana_31321	Atal Jal	Tubewell	30.1243	76.8478	2024	7.34	659	385	164.3	46.75	11.55	49	6	0.304	147.7	103.7	62.53	0.3	18.1	
Hald Heri_31322	Atal Jal	Piezometer	30.2219	76.8209	2023	7.91	385	266	140	40	10.97	40	20	0.0	130.0	12	70	0.45	5	
Hald Heri_31322	Atal Jal	Piezometer	30.2219	76.8209	2024	7.64	355	221	95.12	27.7	6.3	28	3	0.3	83.6	52.9	36.48	0.18	10.8	
Jain Pur_31324	Atal Jal	Tubewell	30.1934	76.8858	2024	8.14	695	390	164.3	48.48	10.5	49	6	1.972	150	108.5	62.53	0.31	18.3	
Jandhari_31325	Atal Jal	Tubewell	30.1489	76.9088	2024	7.86	625	346	147	43.28	9.45	44	5	0.899	131.1	90.5	57.32	0.27	16.4	

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
Jharouli Khurd_31326	Atal Jal	Piezometer	30.1502	76.7868	2023	7.78	390	218	110	30	9.6	35	20	0.0	100.0	12	60	0.56	5
Jharouli Khurd_31326	Atal Jal	Piezometer	30.1502	76.7868	2024	7.68	377	241	103.8	29.43	7.35	30	4	0.4	91.6	53.58	39.08	0.19	11.7
Jogi Majra_31327	Atal Jal	Tubewell	30.1621	76.9199	2024	7.27	423	251	108.1	31.16	7.35	32	4	0.168	95.82	65.5	41.69	0.2	12.1
Kahangarh_272674	Atal Jal	Tubewell	30.1272	76.9442	2024	7.9	420	263	112.4	32.9	7.35	33	4	0.747	99.22	61.94	44.29	0.21	12.6
Kalsana_31328	Atal Jal	Tubewell	30.1546	76.8157	2024	7.16	447	263	112.4	32.9	7.35	33	4	0.136	99.86	68.96	44.29	0.21	12.6
Kalsani_31329	Atal Jal	Tubewell	30.1836	76.8168	2024	7.76	460	290	121.1	36.36	7.35	37	5	0.606	111.4	68.38	46.9	0.23	13.9
Kalyana_31330	Atal Jal	Piezometer	30.2088	76.8539	2023	8.06	432	294	150	40	12.34	45	25	0.0	140.0	12	80	0.23	5
Kalyana_31330	Atal Jal	Piezometer	30.2088	76.8539	2024	7.66	401	230	99.44	27.7	7.35	29	4	0.4	87.6	59.35	36.48	0.18	11.2
Kathwa_31331	Atal Jal	Piezometer	30.1355	76.7971	2023	8.32	398	234.8	128.2	37.4	8.4	38.2	4.2	0.0	107.1	15.2	49.8	0.75	12.5
Kathwa_31331	Atal Jal	Piezometer	30.1355	76.7971	2024	8.65	383	225	95.12	27.7	6.3	28	4	3.7	84.2	54.63	36.48	0.18	10.9
Katlahri_31332	Atal Jal	Tubewell	30.1083	76.8392	2024	7.93	782	507	216.2	62.33	14.7	64	8	1.568	194.4	116.6	83.38	0.4	23.5
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2015	Sample not collected from this location													
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2016	8.4	580	ND	153.1	32.7	17.4	79.0	5.8	12.0	317.3	8.0	27.8	0.48	0.48
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2017	8.55	598	ND	123.0	29.0	13.0	91.0	5.5	47.0	251.0	8.0	21.0	0.51	0.51
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2018	8.26	515	ND	190.0	36.0	24.0	49.3	0.7	6.0	110.0	85.0	57.0	0.54	0.54
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2019	8.47	429	ND	40.0	8.0	5.0	85.2	1.0	24.0	171.0	15.0	21.0	0.16	0.20
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2020	8.64	523	ND	90.1	12.0	14.6	77.0	4.0	36.0	183.1	0.0	28.4	3.80	0.08
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2021	8.72	776	ND	230.1	13.2	47.9	82.0	8.4	48.0	158.7	102.0	53.3	0.34	24.00
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2022	8.6	447	ND	118.0	14.0	20.2	54.0	2.8	36.0	176.0	0.0	21.0	0.37	10.00
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2023	Sample not collected from this location													
Khan Pur Jattan_31333	CGWB	Tube Well	30.1267	76.8606	2024	8.05	431	0	70.06	12.02	9.728	76	3	Nil	244.1	BDL	21.27	0.83	BDL
Kharindwa_31334	Atal Jal	Piezometer	30.1132	76.9374	2023	7.88	411	247	138.2	37.5	10.8	32	12	0.0	119.0	21	40.4	0.76	18
Kharindwa_31334	Atal Jal	Piezometer	30.1132	76.9374	2024	8.01	382	247	103.8	31.16	6.3	31	4	0.9	95.0	56.46	41.69	0.2	11.9
Khera_31335	Atal Jal	Pizeometer	30.1037	76.8212	2024	7.99	453	277	116.7	34.63	7.35	35	4	0.992	107	67.71	44.29	0.22	13.3
Kishen Garh_31336	Atal Jal	Tubewell	30.1406	76.8796	2024	8	468	260	108.1	32.9	6.3	33	4	0.94	99.02	67.71	41.69	0.21	12.5
Landi_31337	Atal Jal	Tubewell	30.2238	76.865	2024	7.19	400	245	103.8	29.43	7.35	31	4	0.14	95.85	60.98	39.08	0.19	11.9
Machhroli_31338	Atal Jal	Piezometer	30.0927	76.9131	2023	8.23	468	271.4	148.1	41.4	10.8	44.1	4.8	0.0	124.9	17.6	59.3	0.23	14.4
Machhroli_31338	Atal Jal	Piezometer	30.0927	76.9131	2024	8.08	435	267	112.4	32.9	7.35	34	4	1.2	102.8	64.25	44.29	0.21	12.8
Madan Pur_31339	Atal Jal	Tubewell	30.1502	76.8426	2024	7.81	512	300	125.4	36.36	8.4	38	5	0.704	115.3	80.31	49.51	0.23	14.3
Madudan_31340	Atal Jal	Tubewell	30.178	76.7975	2024	8.13	469	296	125.4	36.36	8.4	37	5	1.42	110.5	66.85	49.51	0.23	14.1
Malik Pur_31342	Atal Jal	Tubewell	30.1623	76.837	2024	8.24	418	260	108.1	32.9	6.3	33	4	1.634	98.31	62.62	41.69	0.21	12.5
Mamu Majra_31341	Atal Jal	Piezometer	30.1715	76.8248	2023	8.46	409	269.9	148.1	43.3	9.6	43.9	4.8	0.0	124.9	17.5	59.3	0.7	14.4
Mamu Majra_31341	Atal Jal	Piezometer	30.1715	76.8248	2024	8.36	358	212	90.79	25.97	6.3	27	3	1.7	78.2	56.17	33.87	0.17	10.4
Mohan Pur_31343	Atal Jal	Tubewell	30.1485	76.8384	2024	8.19	881	543	229.1	67.52	14.7	68	8	3.028	204.9	128.9	88.59	0.43	25.1
Mohidin Pur_31344	Atal Jal	Tubewell	30.2081	76.8311	2024	7.51	389	223	95.12	27.7	6.3	28	3	0.256	83.73	59.15	36.48	0.18	10.9
Mohri_31345	Atal Jal	Tubewell	30.2451	76.8509	2024	7.16	403	261	112.4	32.9	7.35	33	4	0.136	99.86	59.15	41.69	0.21	12.6
Mugal Mazra_31346	Atal Jal	Piezometer	30.1427	76.7993	2023	8.59	414	256.6	138.1	39.4	9.6	41.7	4.5	0.0	113.1	16.6	57.1	0.23	13.7
Mugal Mazra_31346	Atal Jal	Piezometer	30.1427	76.7993	2024	8.81	372	223	95.12	27.7	6.3	28	3	5.1	78.9	56.85	36.48	0.18	10.9
Nagla_31347	Atal Jal	Tubewell	30.1927	76.8371	2024	8.09	401	251	108.1	31.16	7.35	32	4	1.11	94.84	60.31	41.69	0.2	12.1
Nai Basti Nalvi_31348	Atal Jal	Tubewell	30.1978	76.7867	2024	8.06	494	278	116.7	34.63	7.35	35	4	1.166	106.8	71.94	44.29	0.22	13.3
Nalvi_31349	Atal Jal	Tubewell	30.1731	76.7822	2024	8.43	793	444	185.9	55.4	11.55	56	7	4.352	167.6	119.7	72.96	0.35	20.7
Narayangarh_31350	Atal Jal	Tubewell	30.1024	76.9455	2024	8.39	388	221	95.12	27.7	6.3	28	3	1.938	81.99	57.81	36.48	0.18	10.8
Padlu_31351	Atal Jal	Tubewell	30.1961	76.9334	2024	8.19	402	232	99.44	29.43	6.3	29	4	1.281	86.66	57.13	39.08	0.18	11.3
Rai Pur_31352	Atal Jal	Tubewell	30.1675	76.7858	2024	7.22	628	373	160	46.75	10.5	47	6	0.225	143.8	92.42	59.93	0.29	17.5
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2015	8.24	670	ND	163.3	40.9	14.9	86.0	4.3	0.0	309.4	24.0	48.6	0.51	0.51
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2016	8.5	450	ND	102.1	20.4	12.4	74.0	2.9	36.0	219.7	ND	13.9	0.37	0.37

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
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2017	8.15	637	ND	186.0	66.0	4.9	76.0	6.5	0.0	347.0	48.0	14.0	0.29	0.29
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2018	8.28	478	ND	90.0	20.0	10.0	93.0	ND	0.0	244.0	42.0	28.0	0.74	0.74
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2019	Sample not collected from this location													
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2020	8.63	1112	ND	220.2	36.1	31.6	161.0	1.7	48.0	207.5	308.0	14.2	0.11	0.42
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2021	8.81	512	ND	186.3	13.2	37.3	48.0	5.5	60.0	170.9	17.0	20.0	0.21	0.26
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2022	8.15	795	ND	258.0	15.0	53.6	68.0	4.8	0.0	292.0	95.0	42.0	0.27	0.50
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2023	7.94	1034	ND	400.0	100.0	36.5	84.0	5.2	0.0	366.0	0.0	177.5	0.43	23.00
Ram Nagar (M)_31353	CGWB	Tube Well	30.1595	76.8648	2024	7.89	919	0	190.2	32.06	26.75	116	4	Nil	341.7	BDL	106.4	0.92	0.16
Ram Nagar (M)_31353	Atal Jal	Piezometer	30.188	76.8771	2023	8.34	427	273.2	138.1	31.5	14.4	27.6	8.7	0.0	124.9	22.4	76.1	0.23	19.6
Ram Nagar (M)_31353	Atal Jal	Piezometer	30.188	76.8771	2024	8.3	386	221	95.12	27.7	6.3	28	3	1.6	82.4	58.67	36.48	0.18	10.8
Ram Nagar (O)_31354	Atal Jal	Pizeometer	30.051	76.858	2024	7.72	379	213	90.79	25.97	6.3	27	3	0.395	79.58	56.08	33.87	0.17	10.4
Rattan Garh_31355	Atal Jal	Piezometer	30.1411	76.8647	2023	7.54	386	228	133.2	41.4	7.2	29	5	0.0	113.1	29	30.9	0.76	13
Rattan Garh_31355	Atal Jal	Piezometer	30.1411	76.8647	2024	7.41	364	212	90.79	25.97	6.3	27	3	0.2	79.8	53	33.87	0.17	10.4
Rawa_31356	Atal Jal	Piezometer	30.1741	76.9172	2023	8.57	409	265.8	143.1	41.4	9.6	43.2	4.7	0.0	119.0	17.2	57.1	0.45	14.1
Rawa_31356	Atal Jal	Piezometer	30.1741	76.9172	2024	8.59	379	231	99.44	27.7	7.35	29	4	3.2	84.7	56.17	36.48	0.18	11.3
Said Pur Barwalian_31357	Atal Jal	Tubewell	30.2149	76.8202	2024	7.77	429	269	112.4	32.9	7.35	34	4	0.576	103.4	61.37	44.29	0.21	12.9
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2015	8.66	760	ND	183.7	28.6	27.3	98.0	7.2	46.8	166.6	62.0	69.5	0.59	0.59
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2016	8.35	630	ND	194.0	24.5	32.2	73.0	6.8	36.0	231.9	38.0	41.7	0.59	0.59
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2017	8.12	705	ND	186.0	50.0	15.0	104.0	3.7	0.0	395.0	62.0	14.0	0.65	0.65
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2018	8.16	703	ND	150.0	24.0	22.0	132.0	3.2	0.0	305.0	91.0	64.0	0.83	0.83
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2019	8.53	550	ND	170.0	24.0	27.0	72.7	5.2	48.0	195.0	36.0	35.0	0.60	1.70
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2020	Sample not collected from this location													
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2021	8.7	491	ND	65.8	17.6	5.3	91.0	3.2	48.0	158.7	21.0	20.0	0.34	0.10
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2022	8.6	577	ND	78.0	16.0	9.2	95.0	2.8	46.0	192.0	18.0	21.0	0.38	0.20
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2023	7.91	750	ND	230.0	56.0	21.9	85.0	3.8	0.0	305.0	96.0	42.6	0.55	0.49
Samblakhi_31358	CGWB	Tube Well	30.232	76.8334	2024	8.02	687	0	120.1	20.04	17.02	99	6	Nil	353.9	BDL	28.36	0.94	2.8
Samblakhi_31358	Atal Jal	Piezometer	30.2322	76.8336	2023	8.44	496	292.6	197.4	41.4	22.8	21	10	0.0	184.5	18	47.5	0.45	16
Samblakhi_31358	Atal Jal	Piezometer	30.2322	76.8336	2024	8.56	442	252	108.1	31.16	7.35	32	4	3.3	92.7	68.1	41.69	0.2	12.2
Shahjad Pur Patti_31359	Atal Jal	Tubewell	30.1842	76.856	2024	8.3	399	229	95.12	27.7	6.3	29	4	1.65	86.28	61.75	36.48	0.18	11.2
Sharifgarh_265299	Atal Jal	Piezometer	30.0978	76.8755	2023	7.67	423	250	153	41.4	12	24	12	0.0	130.6	15	52.3	0.72	12
Sharifgarh_265299	Atal Jal	Piezometer	30.0978	76.8755	2024	7.92	370	223	95.12	27.7	6.3	28	3	0.7	83.3	58.1	36.48	0.18	10.9
Sudh Pur_31360	Atal Jal	Piezometer	30.0969	76.8197	2023	7.87	342	216	133.2	41.4	7.2	26	6	0.0	107.1	22	33.3	0.45	12
Sudh Pur_31360	Atal Jal	Piezometer	30.0969	76.8197	2024	8.14	319	181	77.82	22.51	5.25	23	3	0.9	67.1	46.94	28.66	0.14	9
Sulakhni_31361	Atal Jal	Piezometer	30.1973	76.8027	2023	8.49	431	284.4	143.1	33.5	14.4	28.7	9.1	0.0	124.9	23.2	78.3	0.34	20.4
Sulakhni_31361	Atal Jal	Piezometer	30.1973	76.8027	2024	8.71	402	228	95.12	27.7	6.3	29	4	4.2	83.7	59.15	36.48	0.18	11.1
Surakh Pur_31362	Atal Jal	Piezometer	30.1364	76.8287	2023	7.45	357	204	118.4	35.5	7.2	25	3	0.0	107.1	28	26.1	0.56	12
Surakh Pur_31362	Atal Jal	Piezometer	30.1364	76.8287	2024	7.4	345	192	82.15	24.24	5.25	24	3	0.2	71.8	49.06	31.27	0.15	9.5
Tangore_31363	Atal Jal	Tubewell	30.1262	76.7704	2024	8.16	603	339	142.7	41.55	9.45	43	5	1.794	130.2	86.65	54.72	0.26	16
Tangori_31364	Atal Jal	Piezometer	30.1562	76.7694	2023	8.22	455	313.9	162.8	37.4	16.8	31.7	10.1	0.0	142.8	25.6	87.8	0.23	22.5
Tangori_31364	Atal Jal	Piezometer	30.1562	76.7694	2024	7.8	405	240	103.8	29.43	7.35	30	4	0.5	91.4	62.52	39.08	0.19	11.6
Tayodi_298013	Atal Jal	Piezometer	30.1234	76.8899	2023	7.91	491	304.4	197.4	43.4	21.6	22	12	0.0	196.4	24	45.1	0.23	14
Tayodi_298013	Atal Jal	Piezometer	30.1234	76.8899	2024	7.5	464	291	125.4	36.36	8.4	37	5	0.3	111.7	67.42	46.9	0.23	13.9
Tigri_31366	Atal Jal	Tubewell	30.1243	76.8283	2024	7.01	444	286	121.1	34.63	8.4	36	4	0.108	111.9	69.06	46.9	0.23	13.7
Yara_31367	Atal Jal	Piezometer	30.1394	76.9517	2023	8.24	476	309.4	157.8	35.4	16.8	31.2	9.9	0.0	136.8	25.3	85.5	0.23	22.2
Yara_31367	Atal Jal	Piezometer	30.1394	76.9517	2024	8.34	431	237	99.44	29.43	6.3	30	4	1.9	90.0	65.4	39.08	0.18	11.5
Yari_31368	Atal Jal	Tubewell	30.1384	76.9243	2024	7.87	654	416	177.3	51.94	11.55	52	7	1.115	158.9	95.69	67.74	0.33	19.5

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
Kurukshetra_68	Shahbad_520	Atal Jal	Ahmed Pur_31296	30.1171	76.8449	ND	ND	ND	ND	441
Kurukshetra_68	Shahbad_520	Atal Jal	Atwan_31297	30.0823	76.8437	ND	ND	ND	667	585
Kurukshetra_68	Shahbad_520	Atal Jal	Baram_31299	30.0725	76.8246	ND	ND	ND	462	434
Kurukshetra_68	Shahbad_520	Atal Jal	Bhokar Majra_31300	30.2122	76.8164	ND	ND	ND	488	461
Kurukshetra_68	Shahbad_520	Atal Jal	Bibi Pur_31301	30.1159	76.7962	ND	ND	ND	450	401
Kurukshetra_68	Shahbad_520	Atal Jal	Bijar Pur_31302	30.1656	76.7658	ND	ND	ND	ND	474
Kurukshetra_68	Shahbad_520	Atal Jal	Chanarthal_31303	30.0679	76.8705	ND	ND	ND	ND	659
Kurukshetra_68	Shahbad_520	Atal Jal	Charuni Jattan_31304	30.0936	76.8531	ND	ND	ND	ND	477
Kurukshetra_68	Shahbad_520	Atal Jal	Chhapra_31305	30.1357	76.8936	ND	ND	ND	ND	505
Kurukshetra_68	Shahbad_520	Atal Jal	Chhapri_31306	30.1279	76.8933	ND	ND	ND	508	458
Kurukshetra_68	Shahbad_520	Atal Jal	Chhorpur_31307	30.248	76.826	ND	ND	ND	508	453
Kurukshetra_68	Shahbad_520	Atal Jal	Dadlu_31308	30.1908	76.9495	ND	ND	ND	475	444
Kurukshetra_68	Shahbad_520	Atal Jal	Damli_31310	30.1938	76.9154	ND	ND	ND	ND	424
Kurukshetra_68	Shahbad_520	Atal Jal	Daumajra_31312	30.2097	76.8731	ND	ND	ND	ND	466
Kurukshetra_68	Shahbad_520	Atal Jal	Dayal Nagar_31313	30.1603	76.8599	ND	ND	ND	ND	475
Kurukshetra_68	Shahbad_520	Atal Jal	Deeg_31314	30.1367	76.914	ND	ND	ND	444	419
Kurukshetra_68	Shahbad_520	Atal Jal	Dhakala_31309	30.1288	76.8153	ND	ND	ND	472	423
Kurukshetra_68	Shahbad_520	Atal Jal	Dhangali_31311	30.1548	76.9297	ND	ND	ND	511	464
Kurukshetra_68	Shahbad_520	Atal Jal	Dhantori_31315	30.084	76.8871	ND	ND	ND	416	384
Kurukshetra_68	Shahbad_520	Atal Jal	Dhola Majra_31316	30.1161	76.8583	ND	ND	ND	451	423
Kurukshetra_68	Shahbad_520	Atal Jal	Fatehgarh Jharoli_31317	30.1668	76.8047	ND	ND	ND	ND	542
Kurukshetra_68	Shahbad_520	Atal Jal	Gol Pura_31318	30.2123	76.7959	ND	ND	ND	ND	628
Kurukshetra_68	Shahbad_520	SGWB	GolPura	30.2095	76.7948	350	400	600	600	700
Kurukshetra_68	Shahbad_520	Atal Jal	Gori Pur_31319	30.2022	76.8426	ND	ND	ND	ND	388
Kurukshetra_68	Shahbad_520	Atal Jal	Gumti_31320	30.1674	76.8464	ND	ND	ND	ND	596
Kurukshetra_68	Shahbad_520	Atal Jal	Habana_31321	30.1243	76.8478	ND	ND	ND	ND	659
Kurukshetra_68	Shahbad_520	Atal Jal	Hald Heri_31322	30.2219	76.8209	ND	ND	ND	385	355
Kurukshetra_68	Shahbad_520	Atal Jal	Jain Pur_31324	30.1934	76.8858	ND	ND	ND	ND	695
Kurukshetra_68	Shahbad_520	Atal Jal	Jandhari_31325	30.1489	76.9088	ND	ND	ND	ND	625
Kurukshetra_68	Shahbad_520	SGWB	Jandheri	30.1489	76.9089	450	500	700	600	800
Kurukshetra_68	Shahbad_520	SGWB	JharoliKhurd	30.1493	76.7846	600	600	700	700	800
Kurukshetra_68	Shahbad_520	Atal Jal	Jharouli Khurd_31326	30.1502	76.7868	ND	ND	ND	390	377
Kurukshetra_68	Shahbad_520	Atal Jal	Jogi Majra_31327	30.1621	76.9199	ND	ND	ND	ND	423
Kurukshetra_68	Shahbad_520	Atal Jal	Kahangarh_272674	30.1272	76.9442	ND	ND	ND	ND	420
Kurukshetra_68	Shahbad_520	Atal Jal	Kalsana_31328	30.1546	76.8157	ND	ND	ND	ND	447
Kurukshetra_68	Shahbad_520	SGWB	Kalsani	30.1758	76.8245	500	600	700	500	600
Kurukshetra_68	Shahbad_520	Atal Jal	Kalsani_31329	30.1836	76.8168	ND	ND	ND	ND	460
Kurukshetra_68	Shahbad_520	Atal Jal	Kalyana_31330	30.2088	76.8539	ND	ND	ND	432	401
Kurukshetra_68	Shahbad_520	Atal Jal	Kathwa_31331	30.1355	76.7971	ND	ND	ND	398	383
Kurukshetra_68	Shahbad_520	Atal Jal	Katlahri_31332	30.1083	76.8392	ND	ND	ND	ND	782
Kurukshetra_68	Shahbad_520	SGWB	Kharindwa	30.1132	76.9367	600	600	500	700	900
Kurukshetra_68	Shahbad_520	Atal Jal	Kharindwa_31334	30.1132	76.9374	ND	ND	ND	411	382
Kurukshetra_68	Shahbad_520	Atal Jal	Khera_31335	30.1037	76.8212	ND	ND	ND	ND	453
Kurukshetra_68	Shahbad_520	Atal Jal	Kishen Garh_31336	30.1406	76.8796	ND	ND	ND	ND	468
Kurukshetra_68	Shahbad_520	SGWB	Landi	30.2126	76.8701	450	700	700	600	700
Kurukshetra_68	Shahbad_520	Atal Jal	Landi_31337	30.2238	76.865	ND	ND	ND	ND	400

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
Kurukshetra_68	Shahbad_520	Atal Jal	Machhroli_31338	30.0927	76.9131	ND	ND	ND	468	435
Kurukshetra_68	Shahbad_520	Atal Jal	Madan Pur_31339	30.1502	76.8426	ND	ND	ND	ND	512
Kurukshetra_68	Shahbad_520	Atal Jal	Madudan_31340	30.178	76.7975	ND	ND	ND	ND	469
Kurukshetra_68	Shahbad_520	Atal Jal	Malik Pur_31342	30.1623	76.837	ND	ND	ND	ND	418
Kurukshetra_68	Shahbad_520	Atal Jal	Mamu Majra_31341	30.1715	76.8248	ND	ND	ND	409	358
Kurukshetra_68	Shahbad_520	Atal Jal	Mohan Pur_31343	30.1485	76.8384	ND	ND	ND	ND	881
Kurukshetra_68	Shahbad_520	Atal Jal	Mohidin Pur_31344	30.2081	76.8311	ND	ND	ND	ND	389
Kurukshetra_68	Shahbad_520	SGWB	Mohri	30.2428	76.8458	500	600	600	600	770
Kurukshetra_68	Shahbad_520	SGWB	Mohri	30.2475	76.8517	500	500	600	600	770
Kurukshetra_68	Shahbad_520	Atal Jal	Mohri_31345	30.2451	76.8509	ND	ND	ND	ND	403
Kurukshetra_68	Shahbad_520	Atal Jal	Mugal Mazra_31346	30.1427	76.7993	ND	ND	ND	414	372
Kurukshetra_68	Shahbad_520	Atal Jal	Nagla_31347	30.1927	76.8371	ND	ND	ND	ND	401
Kurukshetra_68	Shahbad_520	Atal Jal	Nai Basti Nalvi_31348	30.1978	76.7867	ND	ND	ND	ND	494
Kurukshetra_68	Shahbad_520	SGWB	Nalvi	30.176	76.7729	500	700	800	700	900
Kurukshetra_68	Shahbad_520	Atal Jal	Nalvi_31349	30.1731	76.7822	ND	ND	ND	ND	793
Kurukshetra_68	Shahbad_520	Atal Jal	Narayangarh_31350	30.1024	76.9455	ND	ND	ND	ND	388
Kurukshetra_68	Shahbad_520	SGWB	Padlu	30.1879	76.9281	350	400	500	600	800
Kurukshetra_68	Shahbad_520	Atal Jal	Padlu_31351	30.1961	76.9334	ND	ND	ND	ND	402
Kurukshetra_68	Shahbad_520	Atal Jal	Rai Pur_31352	30.1675	76.7858	ND	ND	ND	ND	628
Kurukshetra_68	Shahbad_520	SGWB	Ram Nagar	30.1821	76.886	550	500	600	600	800
Kurukshetra_68	Shahbad_520	Atal Jal	Ram Nagar (M)_31353	30.188	76.8771	ND	ND	ND	427	386
Kurukshetra_68	Shahbad_520	Atal Jal	Ram Nagar (O)_31354	30.051	76.858	ND	ND	ND	ND	379
Kurukshetra_68	Shahbad_520	Atal Jal	Rattan Garh_31355	30.1411	76.8647	ND	ND	ND	386	364
Kurukshetra_68	Shahbad_520	SGWB	Rawa	30.1741	76.918	450	600	600	600	700
Kurukshetra_68	Shahbad_520	Atal Jal	Rawa_31356	30.1741	76.9172	ND	ND	ND	409	379
Kurukshetra_68	Shahbad_520	Atal Jal	Said Pur Barwalian_31357	30.2149	76.8202	ND	ND	ND	ND	429
Kurukshetra_68	Shahbad_520	Atal Jal	Samblakhi_31358	30.2322	76.8336	ND	ND	ND	496	442
Kurukshetra_68	Shahbad_520	Atal Jal	Shahjad Pur Patti_31359	30.1842	76.856	ND	ND	ND	ND	399
Kurukshetra_68	Shahbad_520	Atal Jal	Sharifgarh_265299	30.0978	76.8755	ND	ND	ND	423	370
Kurukshetra_68	Shahbad_520	Atal Jal	Sudh Pur_31360	30.0969	76.8197	ND	ND	ND	342	319
Kurukshetra_68	Shahbad_520	Atal Jal	Sulakhni_31361	30.1973	76.8027	ND	ND	ND	431	402
Kurukshetra_68	Shahbad_520	Atal Jal	Surakh Pur_31362	30.1364	76.8287	ND	ND	ND	357	345
Kurukshetra_68	Shahbad_520	SGWB	Tangore	30.1363	76.7714	450	400	400	600	500
Kurukshetra_68	Shahbad_520	Atal Jal	Tangore_31363	30.1262	76.7704	ND	ND	ND	ND	603
Kurukshetra_68	Shahbad_520	Atal Jal	Tangori_31364	30.1562	76.7694	ND	ND	ND	455	405
Kurukshetra_68	Shahbad_520	Atal Jal	Tayodi_298013	30.1234	76.8899	ND	ND	ND	491	464
Kurukshetra_68	Shahbad_520	SGWB	Teora	30.1281	76.8829	400	400	500	600	600
Kurukshetra_68	Shahbad_520	SGWB	Tigri	30.1208	76.8249	600	500	500	500	700
Kurukshetra_68	Shahbad_520	Atal Jal	Tigri_31366	30.1243	76.8283	ND	ND	ND	ND	444
Kurukshetra_68	Shahbad_520	SGWB	Yara	30.1399	76.9517	500	700	700	600	800
Kurukshetra_68	Shahbad_520	Atal Jal	Yara_31367	30.1394	76.9517	ND	ND	ND	476	431
Kurukshetra_68	Shahbad_520	Atal Jal	Yari_31368	30.1384	76.9243	ND	ND	ND	ND	654