

ATAL BHUJAL YOJANA (Atal Jal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : PALWAL

DISTRICT : PALWAL

YEAR : 2024-2025

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

HYDROGEOLOGICAL REPORT

(YEAR: 2024-25)

STATE	:	HARYANA
DISTRICT	:	PALWAL
BLOCK/TALUK	:	PALWAL
BLOCK/TALUK HQs	:	PALWAL

A	GENERAL INFORMATION				
1.	Geographical area (Ha)	:	19946.27		
2.	No. of Gram Panchayats	:	41		
3.	No. of towns	:	1		
4.	No. of villages	:	78		
5.	Population (2022)	:	Male	Female	Total
			47794	42038	89832
6.	Rainfall (mm) (2022)	:	Monsoon	Non-monsoon	Annual
			302	215	517
7.	River basin	:	Yamuna river basin		
8.	Major soil types	:	Tropical and Brown Soil		

B	LAND USE (2023-24)				
1.	Forest area (Ha)	:	494.5		
2.	Cultivable area (Ha)	:	13151		
3.	Net sown area (Ha)	:	10889		
4.	Gross cropped area (Ha)	:	22056		

C	CROPPING PATTERN (As in 2022-22)					
1.	Major crops grown	:	Kharif	Rabi	Summer	Perennial
			Paddy	Wheat	Pulses	NA
			Pulses	Mustard	Tomato	
			Sesame			
			Vegetable			
			Cotton			

D	IRRIGATION FACILITIES (As in 2020-22)						
1.	Net irrigated area (Ha)	:	10889				
2.	Gross irrigated area (Ha)	:	16277				
3.	Area under irrigation (Ha) (Source-wise)	:	DW	BW/TW	Tanks/Ponds	Canals	Others
		0	7209	0	3680	0	

E	GEOLOGY & HYDROGEOLOGY				
1.	Predominant rocktype	:	Coarse grained Sand, Silt and Clay		
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		
		7	15	13	35	3	0	55	58		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		10	15	44	0	0	24	0	0	24	
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)		1.4/Ghughera_28914				31.3/Sujwari_28908				
	Post-monsoon (Oct-Nov 2024)		0.63/Rakhota_265004				31.48/Sujwari_28908				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-3.25/Kishorpur_28927				7.75/Paroli_28934					

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
		8	15	0	23	2	1	40	43
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							

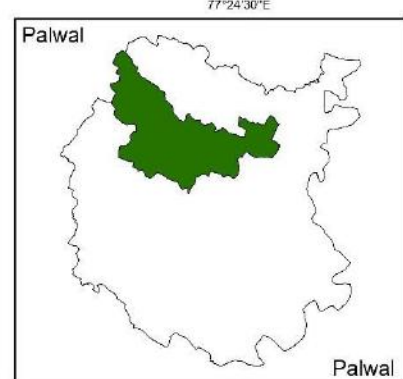
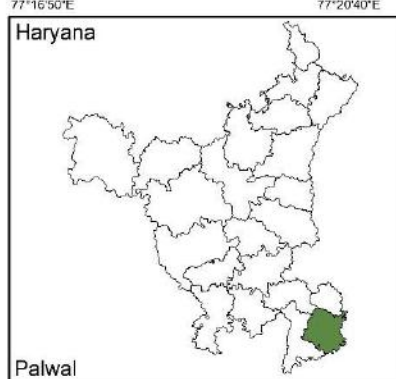
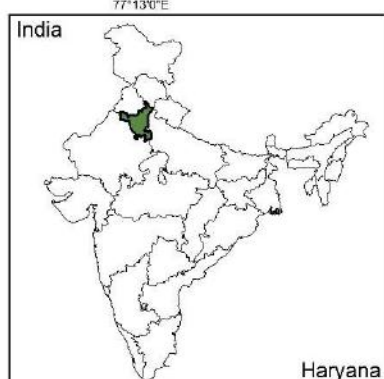
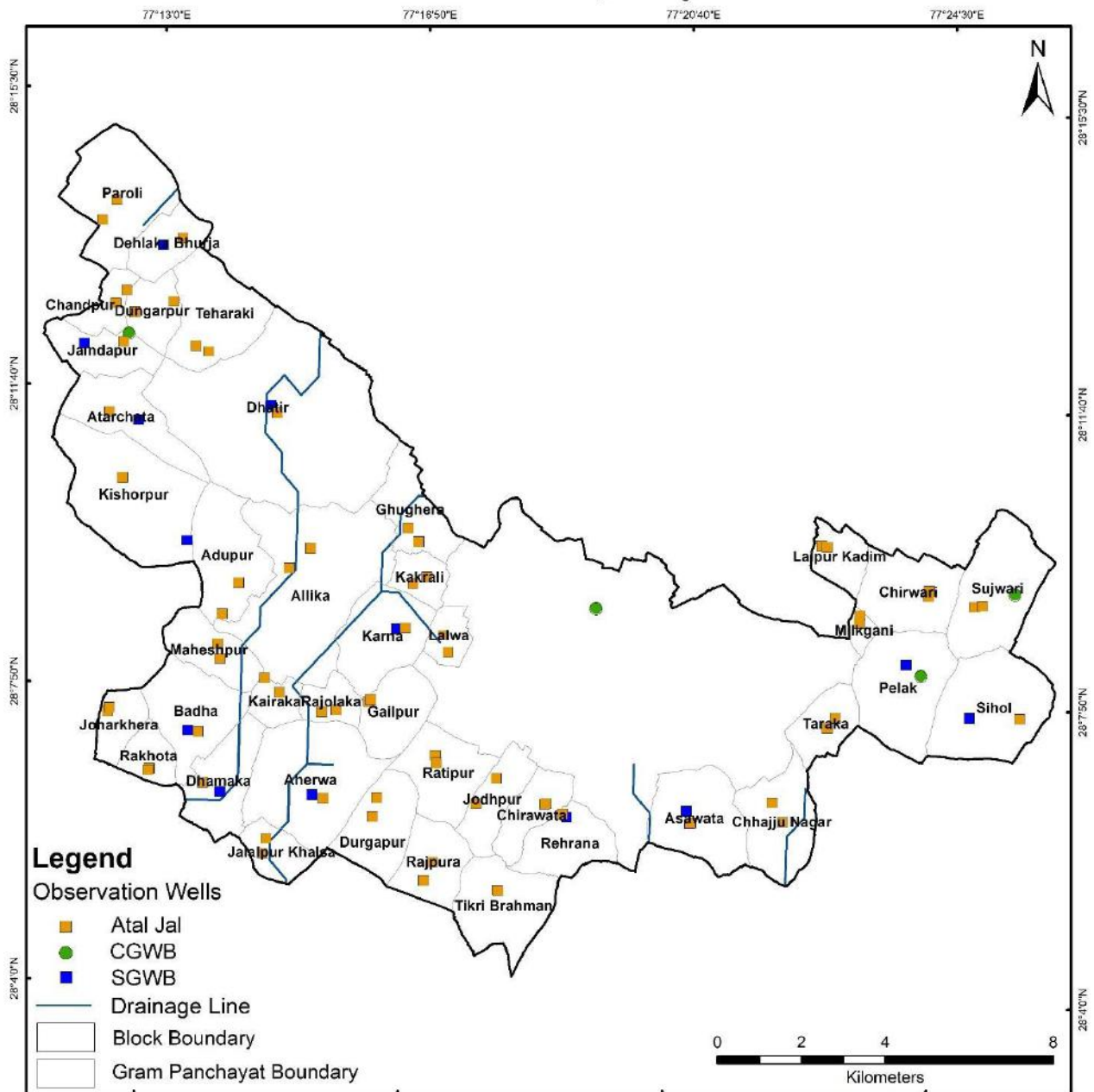
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	7450.4					
4.	Current annual GW extraction (ha.m)	:	5213.8					
5.	Net GW availability for future use (ha.m)	:	2236.6					
6.	Stage of GW extraction (%)	:	68.03 %					
7.	Category of block/taluk/(2023)	:	Safe					
8.	Category of block/taluk/ in previous assessments		2023	2020	2017	2013	2011	2009
			Safe	Semi Critical	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)	MGNREGA
		iii)	RKVY
		iv)	JJM
		v)	NHP
		vi)	NAQUIM
	State Schemes	i)	State Plan Scheme for providing assistance on adopting water saving technologies (2402)
		ii)	MPMV

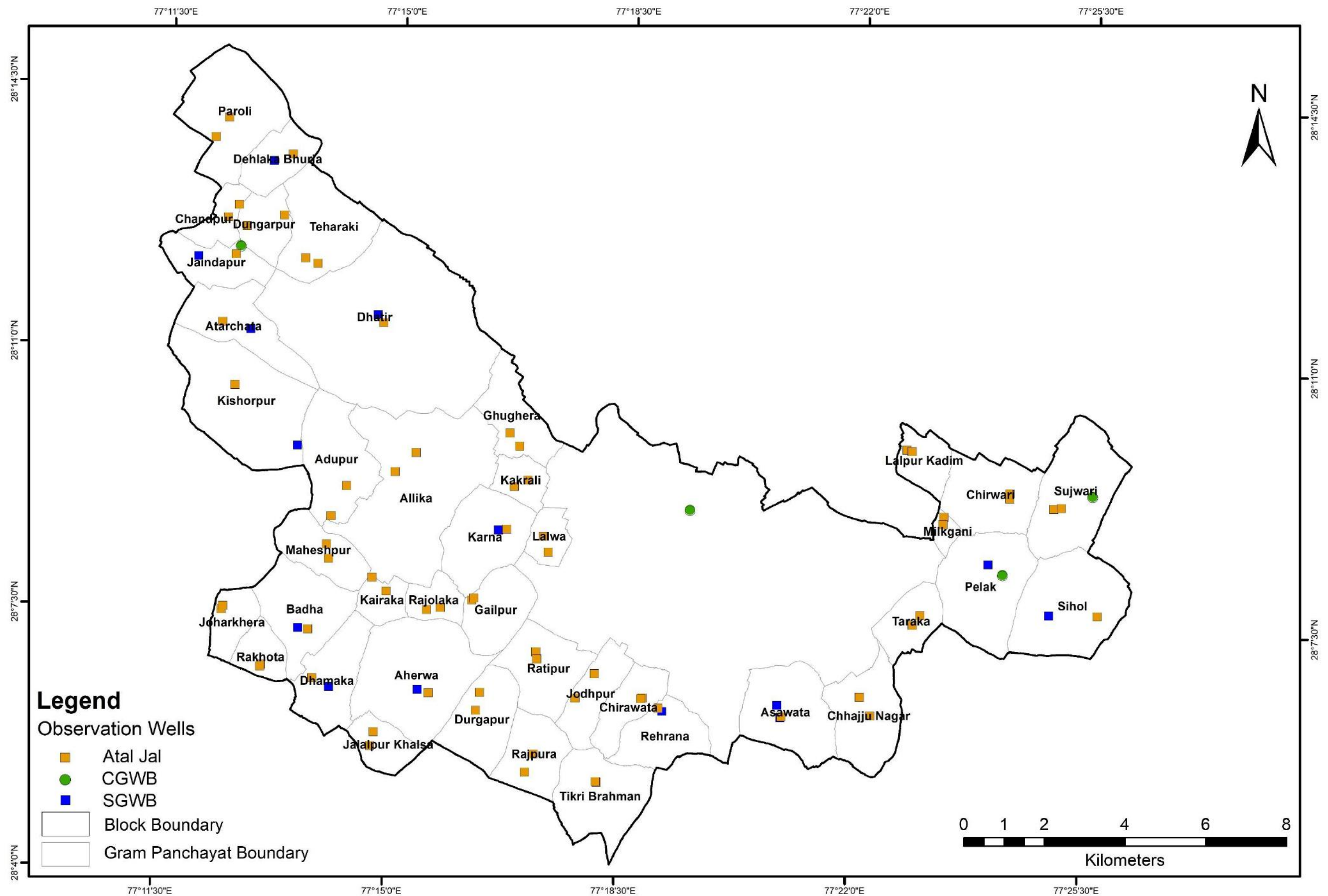
J GROUND WATER RELATED ISSUES			
1.	Ground water related issues of the block/		
	i) Issues related to GW availability		No such issue
	ii) Issues related to GW quality	:	The shallow ground water of the block is alkaline in nature and is moderately to highly saline. It is found that more than half of the ground waters are not suitable for drinking purposes mainly due to fluoride content that exceeds the maximum permissible limit of 1.5mg/l. These waters are not suitable for customary irrigation as they may cause salinity and sodium hazards.
	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

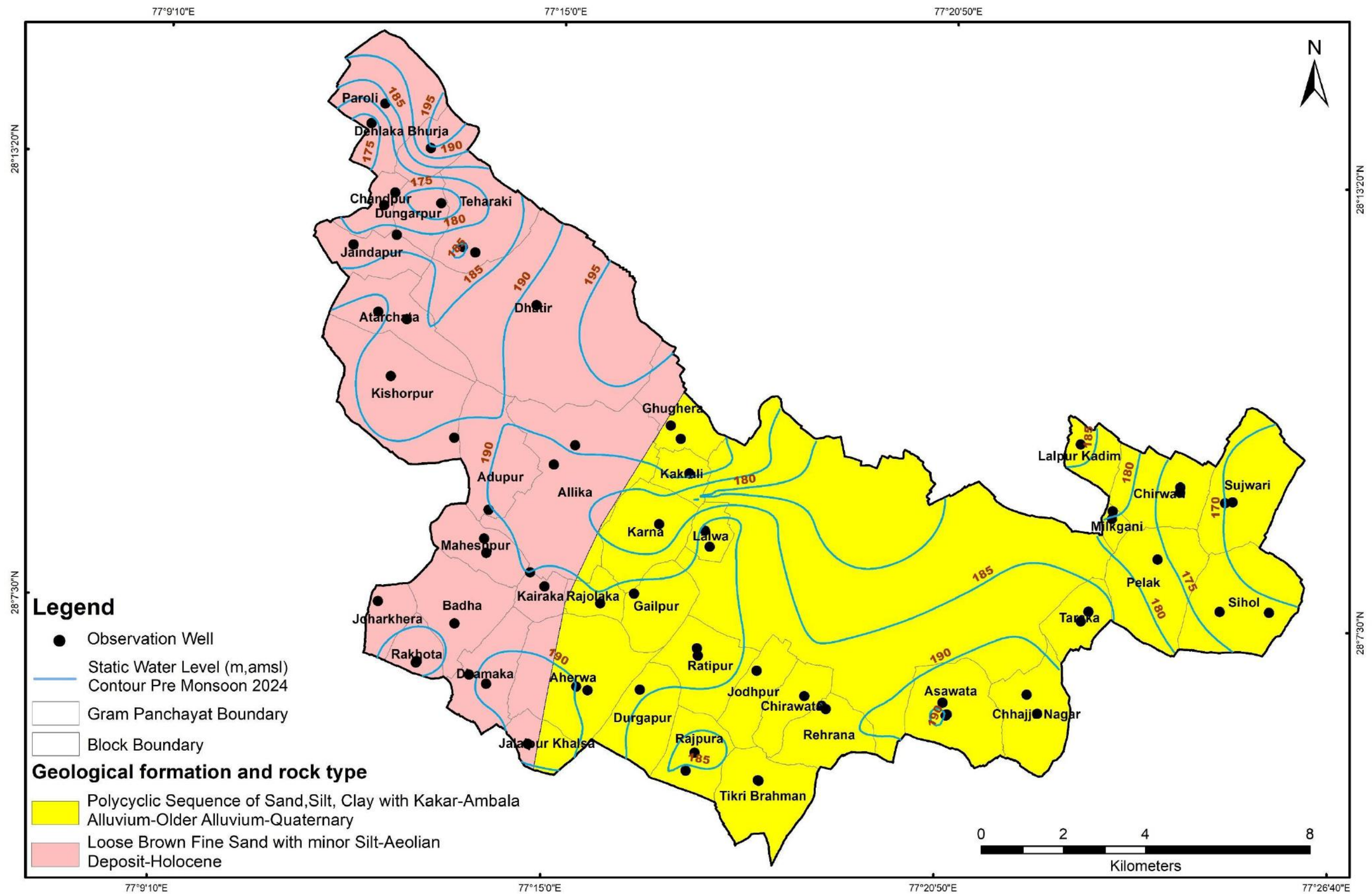
Location Map of Block- Palwal, District- Palwal, Haryana



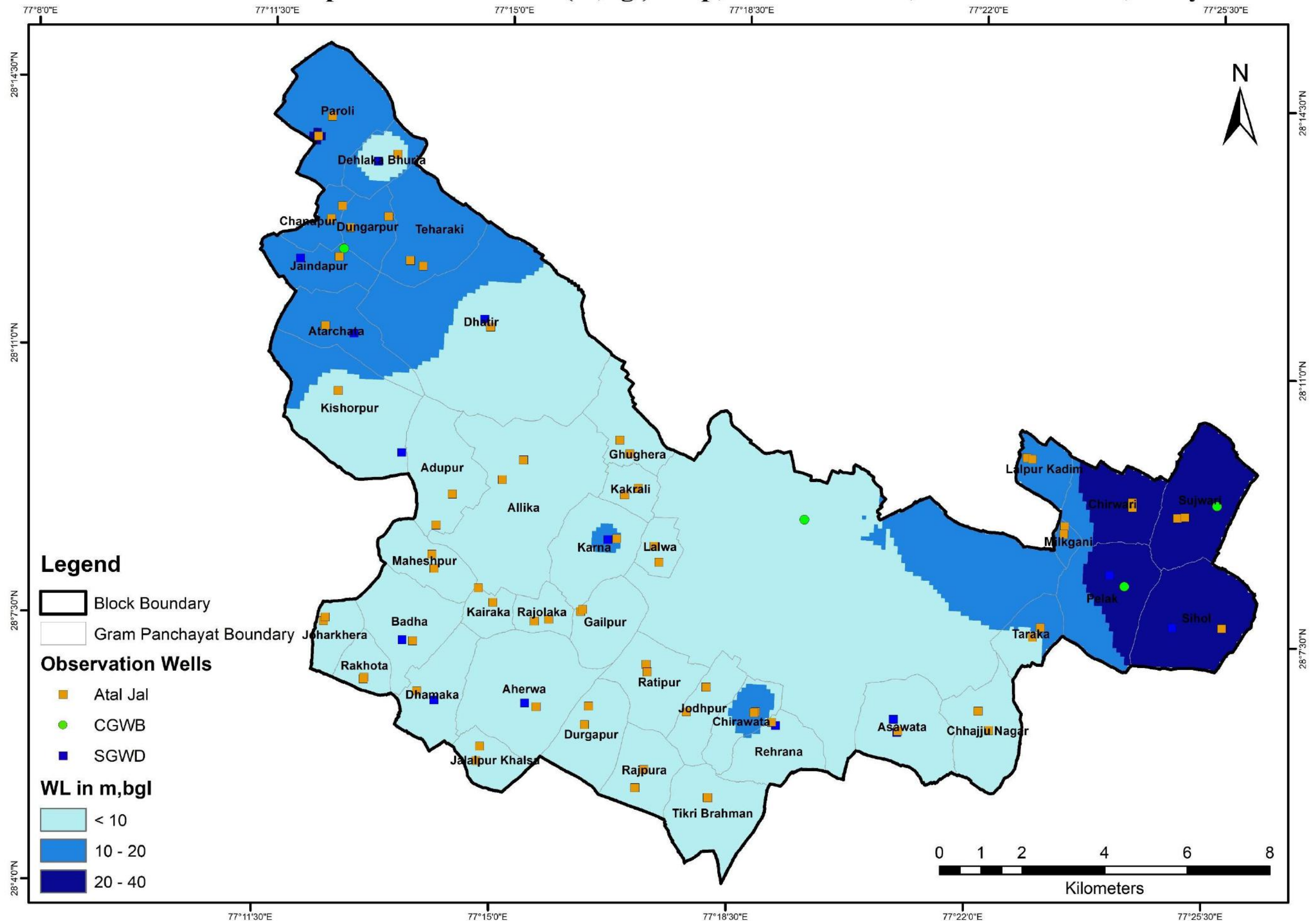
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block-Palwal, District- Palwal, Haryana



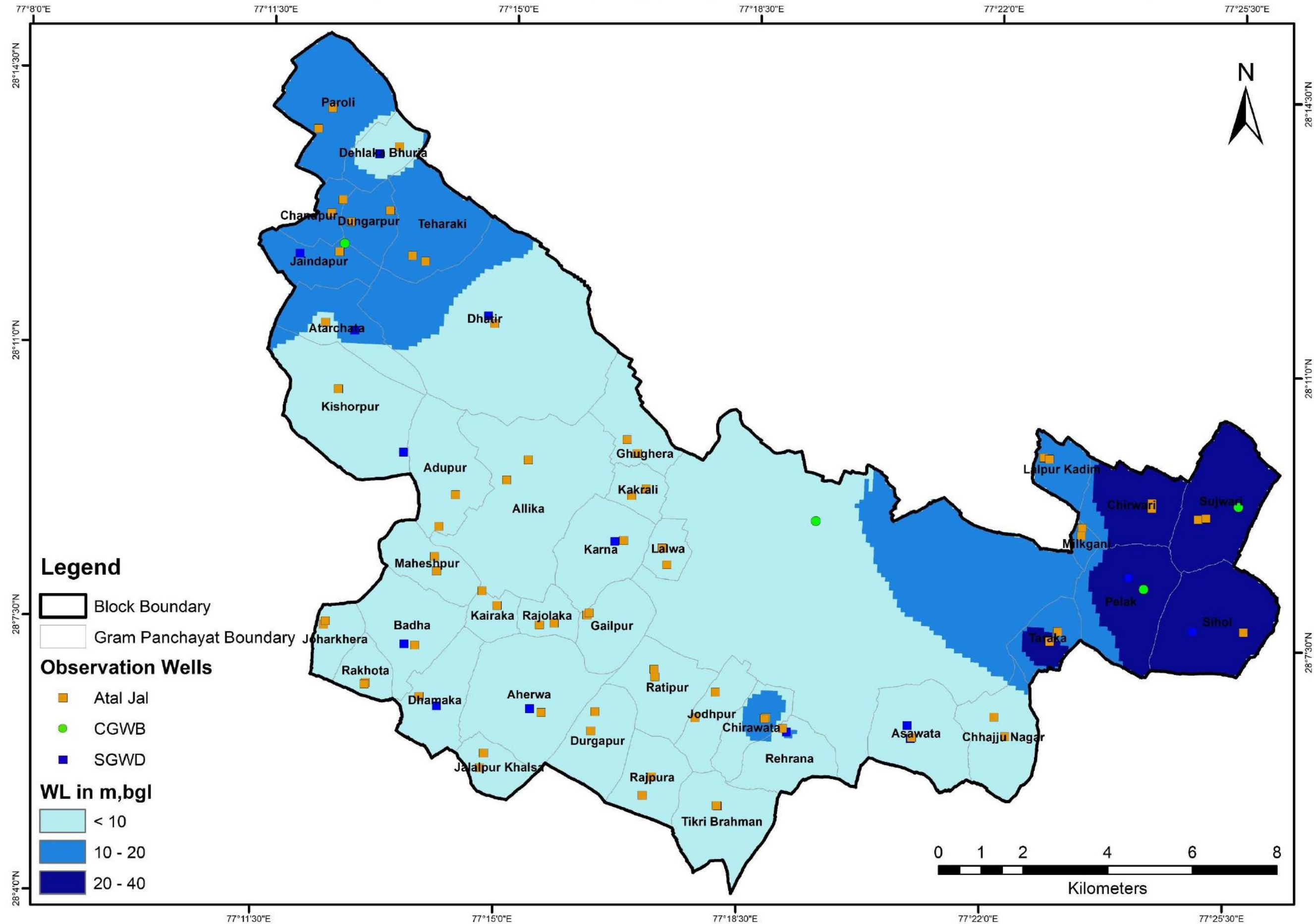
Hydrogeological Map, Block- Palwal, District- Palwal, Haryana



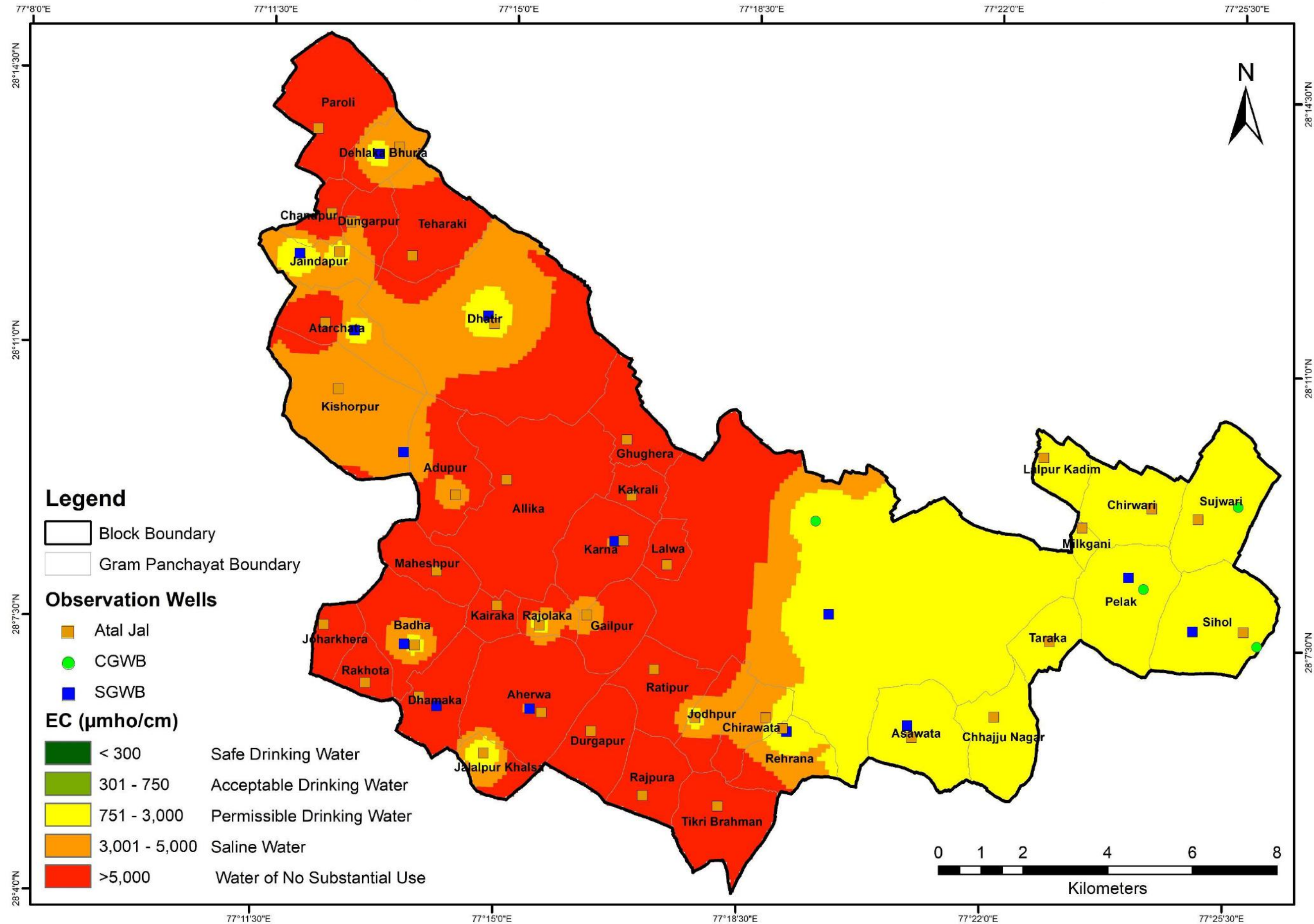
Pre Monsoon 2024 Depth to Water Level (m,bgl) Map, Block - Palwal, District - Palwal, Haryana



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



Electrical Conductivity of Groundwater-2024, Block - Palwal, District - Palwal, Haryana



ANNEXURE: I
BASIC DATA OF MONITORING WELLS

State	Haryana			District	Palwal					Block	Palwal				
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-06-619-00468-00028880-001	Adupur_28880	Adupur	Near By Allika Road	28.1464	77.2346	Dug Well	194	Trans-Yamuna Alluvial	1.00	25	2.00	WL	Manual	Atal Jal-Private
2.	PAL_PAL_ADU_1	Adupur_28880	Adupur	Rajveer	28.1532	77.2383	Tube Well	195	Alluvial	0.75	18	2.00	WQ	Manual	Atal Jal
3.	HR_GW_656	Aherwa_28881	Aherwa	Govt Sr Sec School, Aherwa	28.1075	77.2605	Piezometer	216	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
4.	HR_GW_657	Allika_28883	Alika	Govt Sr Sec School, Alika	28.1567	77.2504	Piezometer	217	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
5.	GWL-06-619-00468-00028883-001	Allika_28883	Alika	Jaat Chopal	28.1611	77.2555	Bore Well	196	Trans-Yamuna Alluvial	0.50	15	0.15	WL	Manual	Atal Jal-Private
6.	HR_GW_704	Asawata_28884	Asawata	Govt School	28.1046	77.3495	Piezometer	210	Trans-Yamuna Alluvial	0.50	61	0.10	Both	Telemetric	Atal Jal
7.	HR_GW_673	Atarchata_28885	Atarchata	Government High School	28.1891	77.2058	Piezometer	211	Trans-Yamuna Alluvial	0.50	71	0.10	Both	Telemetric	Atal Jal
8.	PAL_PAL_BAD_1	Badha_28886	Badha	Dolatram	28.1210	77.2296	Tube Well	199	Alluvial	1.00	20	2.00	WQ	Manual	Atal Jal
9.	HR_GW_753	Chandpur_28892	Chandpur	Govt Primary School	28.2124	77.2065	Piezometer	205	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
10.	GWL-06-619-00468-00028892-001	Chandpur_28892	Chandpur	In Vayayamshala	28.2153	77.2091	Tube Well	195	Trans-Yamuna Alluvial	0.40	30	0.15	WL	Manual	Atal Jal-Private
11.	HR_GW_658	Chhajju Nagar_28893	Chhajju Nagar	Government High School, Chhajju Nagar	28.1094	77.3691	Piezometer	217	Trans-Yamuna Alluvial	0.50	64	0.10	Both	Telemetric	Atal Jal
12.	GWL-06-619-00468-00028893-001	Chhajju Nagar_28893	Chhajju Nagar	Park	28.1053	77.3719	Dug Well	195	Trans-Yamuna Alluvial	1.20	13	2.45	WL	Manual	Atal Jal-Private
13.	GWL-06-619-00468-00028894-001	Chirawata_28894	Chirawta	Pandit Chopal	28.1077	77.3141	Dug Well	198	Trans-Yamuna Alluvial	1.22	17	2.00	WL	Manual	Atal Jal-Private
14.	PAL_PAL_CHW_1	Chirawata_28894	Chirawata	Govt.	28.1078	77.3144	Hand Pump	197	Alluvial	0.60	20	0.43	WQ	Manual	Atal Jal
15.	HR_GW_665	Chirwari_28895	Chirwari	Govt Middle School, Chirwari	28.1547	77.4056	Piezometer	219	Trans-Yamuna Alluvial	0.50	68	0.10	Both	Telemetric	Atal Jal
16.	GWL-06-619-00468-00028895-001	Chirwari_28895	Chirwari	Nearby Nabla House	28.1558	77.4056	Tube Well	197	Trans-Yamuna Alluvial	1.00	68	0.18	WL	Manual	Atal Jal-Private
17.	PAL_PAL_DEH_1	Dehlaka Bhurja_28896	Dehlaka	Vijay	28.2269	77.2223	Tube Well	195	Alluvial	0.34	17	0.16	WQ	Manual	Atal Jal
18.	HR_GW_674	Dhamaka_28897	Dhamaka	Government Middle School, Dhamaka	28.1101	77.2310	Piezometer	221	Trans-Yamuna Alluvial	0.50	66	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
19.	PAL_PAL_DHA_1	Dhatir_28898	Dhatir	Pankaj	28.1899	77.2464	Tube Well	195	Alluvial	0.33	20	0.64	WQ	Manual	Atal Jal
20.	GWL-06-619-00468-00028900-001	Dungarpur_28900	Dungarpur	Sube Near Govt.School	28.2133	77.2206	Tube Well	191	Trans-Yamuna Alluvial	0.20	33	0.15	WL	Manual	Atal Jal-Private
21.	PAL_PAL_DUN_1	Dungarpur_28900	Dungarpur	Azam	28.2106	77.2112	Tube Well	199	Alluvial	0.44	14	0.18	WQ	Manual	Atal Jal
22.	GWL-06-619-00468-00028901-001	Durgapur_28901	Durgapur	Near By Shivmandir	28.1080	77.2734	Dug Well	195	Trans-Yamuna Alluvial	1.00	21	2.00	WL	Manual	Atal Jal-Private
23.	PAL_PAL_DUR_1	Durgapur_28901	Durgapur	Govt.	28.1039	77.2725	Tube Well	198	Alluvial	0.54	17	0.55	WQ	Manual	Atal Jal
24.	GWL-06-619-00468-00028904-001	Gailpur_28904	Gailpur	Govt Park	28.1290	77.2712	Dug Well	194	Trans-Yamuna Alluvial	0.50	15	1.00	WL	Manual	Atal Jal-Private
25.	PAL_PAL_GAI_1	Gailpur_28904	Gailpur	Sri Ram	28.1286	77.2707	Hand Pump	192	Alluvial	0.46	20	0.31	WQ	Manual	Atal Jal
26.	HR_GW_659	Ghughera_28914	Ghughera	Government Middle School, Ghughera	28.1661	77.2791	Piezometer	217	Trans-Yamuna Alluvial	0.50	49	0.10	Both	Telemetric	Atal Jal
27.	GWL-06-619-00468-00028914-001	Ghughera_28914	Ghughera	Near By Main Pwd Road	28.1632	77.2816	Dug Well	196	Trans-Yamuna Alluvial	0.50	15	1.20	WL	Manual	Atal Jal-Private
28.	PAL_PAL_JAI_1	Jaindapur_28918	Jaindapur	Amar	28.2042	77.2087	Tube Well	197	Alluvial	0.56	17	0.19	WQ	Manual	Atal Jal
29.	GWL-06-619-00468-00028919-001	Jalalpur Khalsa_28919	Jalalpurkhalsa	Near By Sarpanch House	28.0953	77.2461	Bore Well	191	Trans-Yamuna Alluvial	1.00	16	0.15	WL	Manual	Atal Jal-Private
30.	PAL_PAL_JAL_1	Jalalpur Khalsa_28919	Jalalpur Khalsa	Istish	28.0985	77.2469	Hand Pump	193	Alluvial	0.70	20	0.14	WQ	Manual	Atal Jal
31.	GWL-06-619-00468-00028920-001	Jodhpur_28920	Jodhpur	Near By Baghel Chopal	28.1129	77.3021	Bore Well	197	Trans-Yamuna Alluvial	0.10	17	0.15	WL	Manual	Atal Jal-Private
32.	PAL_PAL_JOD_1	Jodhpur_28920	Jodhpur	Maherchand	28.1073	77.2974	Hand Pump	196	Alluvial	0.30	21	0.70	WQ	Manual	Atal Jal
33.	GWL-06-619-00468-00028921-001	Joharkhera_28921	Joharkhera	Near By Badha Way	28.1256	77.2080	Dug Well	197	Trans-Yamuna Alluvial	0.60	25	2.50	WL	Manual	Atal Jal-Private
34.	PAL_PAL_JOH_1	Joharkhera_28921	Joher Khera	Virender	28.1248	77.2076	Tube Well	198	Alluvial	0.67	19	1.57	WQ	Manual	Atal Jal
35.	HR_GW_676	Kairaka_28922	Kairaka	Govt Primary School, Kairaka	28.1300	77.2491	Piezometer	219	Trans-Yamuna Alluvial	0.50	68	0.10	Both	Telemetric	Atal Jal
36.	GWL-06-619-00468-00028922-001	Kairaka_28922	Kairaka	Near By Tample	28.1330	77.2454	Dug Well	193	Trans-Yamuna Alluvial	0.50	20	1.30	WL	Manual	Atal Jal-Private
37.	GWL-06-619-00468-00028923-001	Kakrali_28923	Kakrali	Vill.East Side Way	28.1557	77.2840	Dug Well	194	Trans-Yamuna Alluvial	1.00	25	2.50	WL	Manual	Atal Jal-Private
38.	PAL_PAL_KAK_1	Kakrali_28923	Kakrali	Narayan	28.1542	77.2806	Tube Well	194	Alluvial	0.75	17	2.25	WQ	Manual	Atal Jal
39.	PAL_PAL_KAR_1	Karna_28924	Karna	Harikirshan	28.1446	77.2790	Tube Well	194	Alluvial	0.70	22	0.71	WQ	Manual	Atal Jal

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40.	HR_GW_660	Kishorpur_28927	Kishorpur	Government Middle School, Kishorpur	28.1751	77.2094	Piezometer	215	Trans-Yamuna Alluvial	0.50	57	0.10	Both	Telemetric	Atal Jal
41.	GWL-06-619-00468-00028930-001	Lalpur Kadim_28930	Lalpur Kadim	Green Park	28.1646	77.3807	Bore Well	199	Trans-Yamuna Alluvial	0.80	34	0.15	WL	Manual	Atal Jal-Private
42.	PAL_PAL_LAK_1	Lalpur Kadim_28930	Lalpur Qadim	Monu	28.1649	77.3793	Hand Pump	198	Alluvial	0.46	18	0.15	WQ	Manual	Atal Jal
43.	HR_GW_662	Lalwa_28931	Lalwa	Govt Primary School, Lalwa	28.1397	77.2896	Piezometer	215	Trans-Yamuna Alluvial	0.50	62	0.10	Both	Telemetric	Atal Jal
44.	GWL-06-619-00468-00028931-001	Lalwa_28931	Lalwa	Pirwali Gali	28.1433	77.2883	Dug Well	196	Trans-Yamuna Alluvial	1.00	17	1.00	WL	Manual	Atal Jal-Private
45.	HR_GW_663	Maheshpur_28932	Maheshpur	Govt Middle School, Maheshpur	28.1369	77.2343	Piezometer	213	Trans-Yamuna Alluvial	0.50	71	0.10	Both	Telemetric	Atal Jal
46.	GWL-06-619-00468-00028932-001	Maheshpur_28932	Maheshpur	Near By School	28.1400	77.2337	Dug Well	195	Trans-Yamuna Alluvial	0.50	25	3.00	WL	Manual	Atal Jal-Private
47.	HR_GW_661	Milkgani_28933	Malik Gani	Govt Primary School, Malik Gani	28.1502	77.3891	Piezometer	217	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
48.	GWL-06-619-00468-00028933-001	Milkgani_28933	Malikgani	Govtchopal	28.1485	77.3889	Bore Well	196	Trans-Yamuna Alluvial	1.00	34	0.20	WL	Manual	Atal Jal-Private
49.	HR_GW_664	Paroli_28934	Paroli	Govt Middle School, Paroli	28.2303	77.2027	Piezometer	217	Trans-Yamuna Alluvial	0.50	61	0.10	Both	Telemetric	Atal Jal
50.	GWL-06-619-00468-00028934-001	Paroli_28934	Paroli	Near By Madanlal House	28.2347	77.2059	Tube Well	201	Trans-Yamuna Alluvial	0.30	25	0.20	WL	Manual	Atal Jal-Private
51.	GWL-06-619-00468-00265001-001	Rajolaka_265001	Rajolaka	Near By Temple	28.1266	77.2629	Dug Well	193	Trans-Yamuna Alluvial	0.30	20	2.00	WL	Manual	Atal Jal-Private
52.	PAL_PAL_Rajo_1	Rajolaka_265001	Rajolaka	Aww	28.1261	77.2594	Hand Pump	197	Alluvial	0.40	15	1.06	WQ	Manual	Atal Jal
53.	HR_GW_672	Rajpura_28937	Rajpura	Panchayati Land, Rajpura	28.0905	77.2853	Piezometer	216	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
54.	GWL-06-619-00468-00028937-001	Rajpura_28937	Rajpura	Govt School	28.0945	77.2874	Bore Well	194	Trans-Yamuna Alluvial	1.22	30	0.10	WL	Manual	Atal Jal-Private
55.	HR_GW_666	Rakhota_265004	Rakhota	Govt Primary School, Rakhota	28.1127	77.2180	Piezometer	214	Trans-Yamuna Alluvial	0.50	69	0.10	Both	Telemetric	Atal Jal
56.	GWL-06-619-00468-00265004-001	Rakhota_265004	Rakhota	Near By School	28.1124	77.2178	Dug Well	189	Trans-Yamuna Alluvial	1.00	20	1.20	WL	Manual	Atal Jal-Private
57.	HR_GW_667	Ratipur_28941	Ratipur	Government Middle School, Ratipur	28.1174	77.2872	Piezometer	213	Trans-Yamuna Alluvial	0.50	61	0.10	Both	Telemetric	Atal Jal
58.	GWL-06-619-00468-00028941-001	Ratipur_28941	Ratipur	Near By Nh School	28.1158	77.2875	Bore Well	199	Trans-Yamuna Alluvial	0.61	33	0.20	WL	Manual	Atal Jal-Private
59.	HR_GW_705	Rehrana_28942	Rehrana	Near Pump House Beside Barat Ghar	28.1057	77.3185	Piezometer	209	Trans-Yamuna Alluvial	0.50	53	0.10	Both	Telemetric	Atal Jal
60.	HR_GW_668	Sihol_28906	Sihol	Govt Sr Sec School, Sihol	28.1289	77.4284	Piezometer	218	Trans-Yamuna Alluvial	0.50	62	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
61.	HR_GW_669	Sujwari_28908	Sujwari	Government Middle School, Sujwari	28.1527	77.4168	Piezometer	220	Trans-Yamuna Alluvial	0.50	67	0.10	Both	Telemetric	Atal Jal
62.	GWL-06-619-00468-00028908-001	Sujwari_28908	Saujwari	Sarpanch House	28.1529	77.4187	Bore Well	198	Trans-Yamuna Alluvial	0.50	68	0.15	WL	Manual	Atal Jal-Private
63.	HR_GW_675	Taraka_28909	Taraka	Govt Middle School, Taraka	28.1258	77.3819	Piezometer	215	Trans-Yamuna Alluvial	0.50	62	0.10	Both	Telemetric	Atal Jal
64.	GWL-06-619-00468-00028909-001	Taraka_28909	Taraka	Sarpanch House	28.1280	77.3838	Bore Well	199	Trans-Yamuna Alluvial	0.50	34	0.15	WL	Manual	Atal Jal-Private
65.	HR_GW_670	Teharaki_28910	Teharaki	Panchayati Land (Knowledge Centre), Teharaki	28.2038	77.2262	Piezometer	221	Trans-Yamuna Alluvial	0.50	61	0.10	Both	Telemetric	Atal Jal
66.	GWL-06-619-00468-00028910-001	Teharaki_28910	Teharki	Near Sachivalaya	28.2027	77.2294	Tube Well	196	Trans-Yamuna Alluvial	0.30	30	0.15	WL	Manual	Atal Jal-Private
67.	HR_GW_671	Tikri Brahman_28912	Tikri Brahman	Govt Sr Sec School, Tikri Brahman	28.0887	77.3034	Piezometer	217	Trans-Yamuna Alluvial	0.50	75	0.10	Both	Telemetric	Atal Jal
68.	GWL-06-619-00468-00028912-001	Tikri Brahman_28912	Tikri Brahman	Govt High School Tikri Brahman	28.0889	77.3033	Bore Well	195	Trans-Yamuna Alluvial	0.72	20	0.15	WL	Manual	Atal Jal-Private
69.	W280345077203001	Bamani Khera_236841	Bamnikhera	Bamnikhera	28.0625	77.3417	Dug Well	195	Alluvium	0.27	59	0.12	WQ	Manual	CGWB
70.	W301419076422201	Hassanpur_28759	Hassanpur	Hassanpur	27.9700	77.4900	Tube Well	193	Alluvium	0.60	45	0.20	WQ	Manual	CGWB
71.	W281215077142001	JAINDAPUR_28918	JAINDAPUR	Jaindapur-Pz	28.2060	77.2098	Piezometer	198	Unconfined to Semi Confined	0.50	47	0.10	Both	Manual	CGWB
72.	W280815077241501	Pelak_28935	Lalwa	Lalwa	28.1375	77.4042	Dug Well	195	Alluvium	0.50	52	1.10	WQ	Manual	CGWB
73.	W280920077253501	Sujwari_28908	Pelakh	Pelakh	28.1556	77.4264	Dug Well	197	Alluvium	1.00	73	0.11	WQ	Manual	CGWB
74.	W280900077193001	Palwal	Palwal	Palwal	28.1500	77.3250	Dug Well	197	Unconfined to Semi Confined	0.74	12	1.80	Both	Manual	CGWB
75.	W281140077224001	Badraun	Badraun	Badraun	28.1986	77.3764	Dug Well	196	Alluvium	0.95	NA	0.11	WQ	Manual	CGWB
76.	W281315077183001	Baghaula	Baghaula	Baghaula	28.2208	77.3083	Dug Well	195	Alluvium	1.60	NA	3.43	WQ	Manual	CGWB
77.	W302650077130001	Rasulpur	Rasulpur	Rasulpur	28.0865	77.3982	Dug Well	196	Alluvium	0.67	NA	1.80	Both	Manual	CGWB
78.	W280100077080501	Theraka	Theraka	Theraka	28.1253	77.4331	Tube Well	191	Alluvium	0.64	NA	2.63	WQ	Manual	CGWB
79.	Ah_28.108_77.258	Aherwa_28881	Aharawan	Panchyati In Village On The During Point Approach Road, Ow	28.1082	77.2576	Dug Well	194.5	Unconfined to Semi Confined	1.25	65	2.00	WL	Manual	SGWD
80.	As_28.107_77.348	Asawata_28884	Asawata	School Well Just On Railway Crossing Adharsh Public School, Ow	28.1043	77.3493	Dug Well	192.09	Unconfined to Semi Confined	1.25	35	2.00	WL	Manual	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
81.	Ja_27.986_77.484	Asawata_28884	Jatauly	Panchyati Just At The End Of The Village, Ow	28.1071	77.3484	Dug Well	198	Unconfined to Semi Confined	0.22	52	0.58	WL	Manual	SGWD
82.	Ch_28.188_77.213	Atarchata_28885	Chat	Panchyati In Front Of Bhadi Choupal In The Village, Ow	28.1876	77.2129	Dug Well	189.3	Unconfined to Semi Confined	1.25	55	2.00	WL	Manual	SGWD
83.	Ba_28.121_77.227	Badha_28886	Badha	Harijan Well Rhs Just On Approach Road, Ow	28.1212	77.2271	Dug Well	193.8	Unconfined to Semi Confined	1.25	14	2.00	WL	Manual	SGWD
84.	Dh_28.225_77.218	Dehlaka Bhurja_28896	Dhaliaka	Jat Well West Of Village About 100 Mt Away From Village, Ow	28.2253	77.2176	Dug Well	198.25	Unconfined to Semi Confined	1.25	15	2.00	WL	Manual	SGWD
85.	Dh_28.108_77.235	Dhamaka_28897	Dhamaka	Nepal S/O Gangi Lhs To Dhamaka Road North Of Village, Ow	28.1082	77.2353	Dug Well	194.28	Unconfined to Semi Confined	1.25	20	2.00	WL	Manual	SGWD
86.	Dh_28.192_77.245	Dhatir_28898	Dhatir	Govt. Senior Secondary School, Ow	28.1916	77.2449	Dug Well	193.6	Unconfined to Semi Confined	1.25	62	2.00	WL	Manual	SGWD
87.	Ja_28.2036_77.1992	Jaindapur_28918	Jaindapur	Kundan Well Just On The Turn Of Approach Road, Ow	28.2036	77.1992	Dug Well	194.91	Unconfined to Semi Confined	1.25	49	2.00	WL	Manual	SGWD
88.	Ka_28.1444_77.2769	Karna_28924	Karna	Surjan S/O Laxman House Termination Of Approach Road, Ow	28.1444	77.2769	Dug Well	194.18	Unconfined to Semi Confined	1.25	45	2.00	WL	Manual	SGWD
89.	Ki_28.1619_77.2256	Kishorpur_28927	Kishorepur	Mr. Bhuru Well East Of Village Lhs Of Approach Road, Ow	28.1619	77.2256	Dug Well	193.55	Unconfined to Semi Confined	1.25	16	2.00	WL	Manual	SGWD
90.	Pe_28.1399_77.4005	Pelak_28935	Peelak	Mandir Well Lhs Of Village To Alligarh Kuccha Point, Ow	28.1399	77.4005	Dug Well	192.82	Unconfined to Semi Confined	1.25	47	2.00	WL	Manual	SGWD
91.	Re_28.105_77.3195	Rehrana_28942	Rehrana	Harijan Well Lhs Of Approach Road, Ow	28.1050	77.3195	Dug Well	192.68	Unconfined to Semi Confined	1.25	30	2.00	WL	Manual	SGWD
92.	Mi_28.1_288_77.4162	Sihol_28906	Misa	Samlati Near School And Tula Ram House Behind Gali On Misa Rasulpur Road, Ow	28.1288	77.4162	Dug Well	189.78	Unconfined to Semi Confined	1.25	30	2.00	WL	Manual	SGWD
93.	Pa_28.1302_77.3288	Palwal	Palwal	Lhs Of Palwal Rasulpur Road Just Of Railway Cross, Kow	28.1302	75.3288	Dug Well	193	Unconfined to Semi Confined	1.25	19	2.00	WL	Manual	SGWD

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

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

[illegible]

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
44	Sihol_28906	Atal Jal	Piezometer	28.1289	77.4284	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27	24.3
45	Sujwari_28908	Atal Jal	Piezometer	28.1527	77.4168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.9	30.91
46	Sujwari_28908	Atal Jal	Bore Well	28.1529	77.4187	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	30.1	31.3	31.48
47	Taraka_28909	Atal Jal	Piezometer	28.1258	77.3819	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7	29.5
48	Taraka_28909	Atal Jal	Bore Well	28.1280	77.3838	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.09	10.7	11.3	11.3
49	Teharaki_28910	Atal Jal	Piezometer	28.2038	77.2262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.6	13.84
50	Teharaki_28910	Atal Jal	Tube Well	28.2027	77.2294	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.2	14.2	14.7	13.92
51	Tikri Brahman_28912	Atal Jal	Piezometer	28.0887	77.3034	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.1	7.15
52	Tikri Brahman_28912	Atal Jal	Bore Well	28.0889	77.3033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9	7.04	7.6	6.7
53	JAINDAPUR_28918	CGWB	Piezometer	28.2060	77.2098	NA	NA	NA	NA	15.03	15.3	NA	15	17.4	17.12	18.05	15.94	12.25	16.96	14.62	14.45	14.03	13.93	15.67	16.62
54	Palwal	CGWB	Dug Well	28.1500	77.3250	7.63	6.42	6.75	7.13	7.64	6.82	7.62	7.58	7.88	5	NA	7.59	NA	7.65	6.54	NA	10.34	NA	NA	NA
55	Aherwa_28881	SGWD	Dug Well	28.1082	77.2576	5.1	5.15	5.6	5.45	5.67	5.62	5.65	5.55	6.2	6.1	6.47	6.27	6.57	6.52	6.75	5.85	6.2	3.4	5.65	3.15
56	Asawata_28884	SGWD	Dug Well	28.1043	77.3493	6.5	6.62	6.98	5.7	7.15	7.1	7.15	7.1	7.9	7.75	8.2	8.05	8.35	8.2	9	8.7	9.45	8.55	6.5	6.4
57	Asawata_28884	SGWD	Dug Well	28.1071	77.3484	11.55	11.65	12.7	13	13.1	12.95	13.25	12.85	13.9	13.55	14.7	14.45	16.7	17	10.6	15.4	13.25	15.65	6.5	6.4
58	Atarchata_28885	SGWD	Dug Well	28.1876	77.2129	26.85	27.05	27.7	28.1	28.5	28.75	29.1	27.85	29.2	28.6	30	29.4	29.15	29.1	30.8	30.6	31.1	30.35	11.1	10.44
59	Badha_28886	SGWD	Dug Well	28.1212	77.2271	4.25	4.32	4.65	4.5	5.3	6.05	6.89	6.65	7.05	6.8	7.4	7.1	7.55	6.25	7.86	6.95	7.95	5.2	2.6	4.9
60	Dehlaka Bhurja_28896	SGWD	Dug Well	28.2253	77.2176	11.3	11.4	11.75	11.55	11.75	11.45	11.48	11.65	1.5	1.45	1.5	1.4	11.7	12	1.1	1.05	1.8	0.95	2	0.9
61	Dhamaka_28897	SGWD	Dug Well	28.1082	77.2353	6.7	6.75	7.45	7	7.65	7.5	7.65	7.5	8.15	7.75	8.4	8	8.15	7.5	7.6	6.45	7.05	6.15	6.85	5.9
62	Dhatir_28898	SGWD	Dug Well	28.1916	77.2449	10	10.15	10.75	11.3	11.2	11.15	10.7	7.75	8.45	8.3	8.8	7.95	6.75	7	7.2	5.6	6.7	5.25	6.3	5.05
63	Jaindapur_28918	SGWD	Dug Well	28.2036	77.1992	12.05	12	12.7	13.2	12.9	13.05	13.15	12.85	13.9	13.75	14.4	14	15.75	13.4	16.7	14.95	16.3	14.65	16	14.3
64	Karna_28924	SGWD	Dug Well	28.1444	77.2769	11.6	11.78	12.25	12.45	12.35	12.4	12.7	12.6	13.6	13.4	13.95	13.75	14.15	13.5	13.15	12.05	12.85	13.65	12.45	1.95
65	Kishorpur_28927	SGWD	Dug Well	28.1619	77.2256	8	8.18	8.75	9.05	8.75	8.8	8.8	8.45	8.9	8.65	9.15	9	9.25	8.8	9.4	8.6	9.65	8.45	4.9	8.15
66	Pelak_28935	SGWD	Dug Well	28.1399	77.4005	20.15	20.22	20.65	21.3	21.92	22.23	21.75	21.32	23.8	23.6	24.55	24.4	20.95	20	21.67	21.05	21.85	20.95	22	20.3
67	Rehrana_28942	SGWD	Dug Well	28.1050	77.3195	11	11.2	11.7	11.5	11.85	12.05	11.98	11.72	12.6	12.35	12.9	13.3	9.4	10	11.2	10.75	11.65	10.55	9.16	10.4
68	Sihol_28906	SGWD	Dug Well	28.1288	77.4162	21.4	21.35	21.85	22.25	22.5	22.65	22.8	21.6	23.5	22.95	24.4	24.25	NA	NA	25.65	NA	26.1	25.05	26.3	24.8
69	Palwal	SGWD	Dug Well	28.1302	75.3288	6.6	6.7	7.35	7.4	7.32	7.27	7.44	7.32	8.1	7.95	8.3	8.02	8.8	9	10.65	10.4	10.95	10.15	11.15	10

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

State	Haryana				District	Palwal				Block			Palwal						
Month of Collection of samples for WQ monitoring*													May/June						
Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃
Adupur_28880	Atal Jal	Tubewell	28.1532	77.2383	2024	6.21	3412	2133	278.3	74.3	22.53	481	3	0.038	250	255.8	790.7	1.96	20.5
Aherwa_28881	Atal Jal	Pizeometer	28.1075	77.2605	2024	7.46	20861	11779	1557	412.8	127.7	2655	17	3.714	1366	698.5	4368	10.6	140.5
Allika_28883	Atal Jal	Pizeometer	28.1567	77.2504	2024	6.98	18591	11041	1464	388	120.2	2488	16	1.149	1279	654.7	4098	9.9	131.5
Asawata_28884	Atal Jal	Pizeometer	28.1046	77.3495	2024	7.14	1230	741	103.1	24.77	10.01	167	1	0.117	89.88	91.8	279.6	0.5	3.25
Atarchata_28885	Atal Jal	Pizeometer	28.1891	77.2058	2024	6.85	7999	5104	680.3	177.5	57.58	1150	7	0.393	589.6	605.3	1890	4.5	57.5
Badha_28886	Atal Jal	Tubewell	28.121	77.2296	2024	6.11	1786	1032	134	37.15	10.02	233	1	0.015	120	126.6	385.7	0.95	6.75
Badraun	CGWB	Dug Well	28.1986	77.3764	2015	Sample not collected from this location													
Badraun	CGWB	Dug Well	28.1986	77.3764	2016	8.65	925	ND	151.6	20.2	24.6	155.0	9.5	44.4	191.9	120.0	90.3	0.48	14.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2017	7.82	2056	ND	400.0	88.0	44.0	213.0	48.0	0.0	513.0	154.0	241.0	0.13	4.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2018	7.65	1336	ND	343.0	55.0	50.0	152.0	32.0	0.0	446.0	80.0	174.0	0.31	22.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2019	8.62	1261	ND	180.0	28.0	27.0	190.0	52.0	0.0	195.0	55.0	191.0	0.20	28.11
Badraun	CGWB	Dug Well	28.1986	77.3764	2020	8.44	1194	ND	178.6	16.8	33.2	191.0	24.0	42.8	275.9	67.0	163.1	0.02	22.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2021	8.81	1091	ND	140.1	12.0	26.8	192.0	32.0	78.0	285.6	0.0	148.9	0.12	4.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2022	8.18	1160	ND	190.2	44.1	19.5	170.0	42.0	0.0	397.2	24.0	163.1	0.30	11.00
Badraun	CGWB	Dug Well	28.1986	77.3764	2023	Sample not collected from this location													
Badraun	CGWB	Dug Well	28.1986	77.3764	2024	8.15	1160	0	150.1	32.06	17.02	171	46	Nil	483.3	BDL	134.7	0.26	BDL
Baghaula	CGWB	Dug Well	28.2208	77.3083	2015	8.39	2317	ND	347.1	28.6	67.0	380.0	60.0	70.2	309.4	332.0	361.3	1.12	17.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2016	7.85	5030	ND	1303.9	263.1	157.2	600.0	69.0	0.0	304.8	890.0	945.0	0.58	220.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2017	7.9	5270	ND	1061.0	144.0	170.0	718.0	365.0	0.0	732.0	1902.0	170.0	0.13	329.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2018	7.72	3227	ND	598.0	82.0	95.0	398.0	124.0	0.0	538.0	268.0	612.0	0.31	47.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2019	8.7	6930	ND	800.0	28.0	177.0	972.0	537.0	144.0	354.0	1233.0	1212.0	0.62	9.10
Baghaula	CGWB	Dug Well	28.2208	77.3083	2020	8.13	4201	ND	914.2	96.8	163.4	537.0	38.0	0.0	421.2	952.0	517.6	0.87	58.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2021	8.47	4596	ND	1008.2	43.9	218.4	608.0	9.0	31.2	126.9	601.0	1049.3	1.03	54.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2022	7.51	7184	ND	2301.8	240.5	413.4	590.0	124.0	0.0	294.7	364.0	1786.7	0.30	692.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2023	7.49	6879	ND	2251.0	52.0	515.5	457.0	115.0	0.0	207.0	1682.0	736.0	0.71	578.00
Baghaula	CGWB	Dug Well	28.2208	77.3083	2024	7.75	4280	0	730.6	72.14	133.8	470	295	Nil	864	402	652.3	0.47	58
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2015	8.54	1687	ND	234.8	20.4	44.7	290.0	39.0	81.9	464.1	132.0	166.8	0.91	23.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2016	8.7	1460	ND	212.3	28.3	34.4	235.0	6.8	77.7	349.9	90.0	139.0	0.91	24.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2017	8.19	1915	ND	440.0	72.0	63.0	338.0	11.0	0.0	928.0	161.0	156.0	1.16	50.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2018	7.78	2277	ND	402.0	35.0	76.0	333.0	14.0	0.0	839.0	6.0	264.0	1.17	90.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2019	Sample not collected from this location													
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2020	8.7	2001	ND	357.3	16.8	76.6	320.0	11.0	128.5	610.0	0.0	198.5	1.31	71.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2021	Sample not collected from this location													
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2022	Sample not collected from this location													
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2023	7.6	1642	ND	465.0	68.0	71.7	138.0	35.0	0.0	410.0	121.0	245.0	2.10	22.00
Bamani Khera_236841	CGWB	Dug Well	28.0625	77.3417	2024	8.17	1792	0	350.3	28.06	68.1	264	15	Nil	834.8	17	141.8	1.97	30
Chandpur_28892	Atal Jal	Pizeometer	28.2124	77.2065	2024	7.35	15754	9911	1309	346.8	107.7	2234	14	2.42	1148	1172	3674	8.9	117.3
Chhajju Nagar_28893	Atal Jal	Pizeometer	28.1094	77.3691	2024	7.18	2354	1369	185.6	49.54	15.02	309	2	0.228	159.8	166	511.1	1.05	11
Chirawata_28894	Atal Jal	Handpump	28.1078	77.3144	2024	5.74	3160	1827	237.1	66.05	17.52	412	3	0.011	210	219.9	675	1.67	16.75
Chirwari_28895	Atal Jal	Pizeometer	28.1547	77.4056	2024	8.98	1154	746	103.1	24.77	10.01	168	1	8.079	82.15	92.9	279.6	0.5	3.25
Dehlaka Bhurja_28896	Atal Jal	Tubewell	28.2269	77.2223	2024	7.63	4275	2677	350.5	94.94	27.54	603	4	1.243	308.7	319.9	993.2	2.25	27.25

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
Dhamaka_28897	Atal Jal	Pizeometer	28.1101	77.231	2024	7.23	13886	7770	1031	272.5	85.12	1751	11	1.437	898.6	919.9	2883	6.95	90.75
Dhatir_28898	Atal Jal	Tubewell	28.1899	77.2464	2024	6.44	2984	1887	247.4	66.05	20.03	425	3	0.057	219.9	226.6	703.9	1.73	17.5
Dungarpur_28900	Atal Jal	Tubewell	28.2106	77.2112	2024	7.08	3945	2250	298.9	78.43	25.04	507	3	0.294	259.7	269.3	838.9	2.06	22
Durgapur_28901	Atal Jal	Tubewell	28.1039	77.2725	2024	6.13	7762	4511	597.9	156.9	50.07	1017	6	0.066	519.9	535.6	1678	3.95	50
Gailpur_28904	Atal Jal	Handpump	28.1286	77.2707	2024	8.02	3217	1970	257.7	70.18	20.03	444	3	2.264	227.7	236.7	732.8	1.8	18.5
Ghughera_28914	Atal Jal	Pizeometer	28.1661	77.2791	2024	7.46	24975	15958	2113	561.4	172.7	3597	23	5.015	1845	944.6	5920	7.1	192.8
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2015	8.6	1879	ND	194.0	20.4	34.7	365.0	5.0	93.6	345.1	252.0	194.5	1.26	12.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2016	8.52	3055	ND	151.6	36.4	14.7	680.0	0.4	77.7	609.6	492.0	326.6	4.15	13.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2017	7.86	1665	ND	320.0	56.0	44.0	302.0	3.0	0.0	342.0	560.0	70.0	1.90	14.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2018	8.11	2212	ND	304.0	51.0	43.0	420.0	5.2	0.0	748.0	188.0	278.0	1.27	14.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2019	Sample not collected from this location													
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2020	8.61	1971	ND	220.7	25.3	38.3	357.0	5.1	71.4	464.7	147.0	219.8	1.40	13.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2021	8.9	1531	ND	190.2	16.0	36.5	270.0	4.5	78.0	349.0	92.0	163.1	1.69	14.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2022	8.42	2199	ND	290.2	36.1	48.6	427.0	6.0	63.0	551.0	247.0	255.2	1.89	15.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2023	7.75	2280	ND	634.0	87.0	101.3	236.0	6.5	0.0	358.0	269.0	405.0	1.30	27.00
Hassanpur_28759	CGWB	Tube Well	27.97	77.49	2024	7.8	1993	0	220.2	20.04	41.34	370	4.78	Nil	549.2	278	191.4	2	15
Jaindapur_28918	Atal Jal	Tubewell	28.2042	77.2087	2024	7.28	1635	982	134	33.02	12.52	221	1	0.197	109.8	119.9	366.4	0.9	6.25
Jalalpur Khalsa_28919	Atal Jal	Handpump	28.0985	77.2469	2024	7.75	1027	571	72.16	20.64	5.01	129	1	0.37	69.6	71.6	212.1	0.52	1
Jodhpur_28920	Atal Jal	Handpump	28.1073	77.2974	2024	6.88	2238	1299	175.2	45.41	15.02	293	2	0.107	149.9	158.1	482.1	1.19	10
Joharkhera_28921	Atal Jal	Tubewell	28.1248	77.2076	2024	6.93	8237	4569	608.2	161	50.07	1030	7	0.424	529.6	542.4	1697	4	51
Kairaka_28922	Atal Jal	Pizeometer	28.13	77.2491	2024	7.44	19332	11655	1546	408.7	127.7	2627	17	3.495	1347	691.8	4320	10.5	139.3
Kakrali_28923	Atal Jal	Tubewell	28.1542	77.2806	2024	7.9	10729	6893	907.1	243.6	72.6	1554	10	5.973	794	816.5	2555	6.15	79.75
Karna_28924	Atal Jal	Tubewell	28.1446	77.279	2024	6.36	11944	7750	1021	272.5	82.62	1747	11	0.194	899.8	917.6	2873	6.9	90.5
Kishorpur_28927	Atal Jal	Pizeometer	28.1751	77.2094	2024	7.73	3355	1950	257.7	70.18	20.03	439	3	1.161	228.8	234.5	723.2	1.6	18.25
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2015	Sample not collected from this location													
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2016	8.2	1285	ND	343.7	64.8	44.2	150.0	5.3	0.0	248.4	52.0	180.7	0.58	191.00
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2017	7.78	1270	ND	410.0	80.0	51.0	100.0	5.6	0.0	439.0	40.0	163.0	0.79	0.00
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2018	7.88	1284	ND	294.0	74.0	26.0	174.0	13.0	0.0	446.0	ND	229.0	0.49	2.40
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2019	8.42	1142	ND	210.0	52.0	19.0	186.0	8.0	36.0	281.0	BDL	234.0	0.62	1.19
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2020	Sample not collected from this location													
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2021	8.64	915	ND	250.2	16.0	51.1	97.0	7.0	46.8	142.8	0.0	191.0	0.35	3.00
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2022	8.15	1160	ND	274.0	24.0	52.0	127.0	9.0	0.0	117.0	133.0	207.0	0.42	14.00
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2023	7.7	1325	ND	390.0	61.0	57.8	125.0	19.0	0.0	396.0	128.0	145.0	0.72	11.00
Lakhnaka_28815	CGWB	Dug Well	28.0225	77.1767	2024	8.49	879	0	250.2	424.8	-197	93	8	43.2	336.8	BDL	85.08	0.51	BDL
Lalpur Kadim_28930	Atal Jal	Handpump	28.1649	77.3793	2024	6.93	1449	912	123.7	33.02	10.02	206	1	0.088	109.9	112	337.5	0.84	5.25
Lalwa_28931	Atal Jal	Pizeometer	28.1397	77.2896	2024	6.93	8162	4500	597.9	156.9	50.07	1014	6	0.416	519.6	534.5	1668	3.95	50
Maheshpur_28932	Atal Jal	Pizeometer	28.1369	77.2343	2024	7.59	12551	7472	989.6	260.1	82.61	1684	11	3.182	866.8	885.1	2767	6.65	87
Milkgani_28933	Atal Jal	Pizeometer	28.1502	77.3891	2024	8.17	1088	679	92.77	24.77	7.51	153	1	1.112	78.83	85.1	250.7	0.45	2.5
Palwal	CGWB	Dug Well	28.15	77.325	2015	8.4	595	ND	194.0	28.6	29.8	62.0	11.0	46.8	95.2	82.0	62.5	0.55	9.80
Palwal	CGWB	Dug Well	28.15	77.325	2016	8.54	1915	ND	171.8	40.5	17.2	385.0	3.9	66.6	575.7	151.0	173.7	2.00	19.00
Palwal	CGWB	Dug Well	28.15	77.325	2017	8.29	1865	ND	200.0	24.0	34.0	358.0	4.0	0.0	708.0	205.0	128.0	2.25	4.00
Palwal	CGWB	Dug Well	28.15	77.325	2018	7.85	1364	ND	275.0	47.0	38.0	205.0	5.2	0.0	538.0	76.0	132.0	1.02	18.00
Palwal	CGWB	Dug Well	28.15	77.325	2019	8.72	1242	ND	280.0	32.0	48.0	203.0	1.6	84.0	220.0	104.0	191.0	0.80	15.71
Palwal	CGWB	Dug Well	28.15	77.325	2020	8.6	1182	ND	262.7	21.0	51.1	155.0	2.0	57.1	319.5	50.0	134.7	0.79	17.00
Palwal	CGWB	Dug Well	28.15	77.325	2021	8.84	1794	ND	230.2	12.0	48.6	334.0	4.0	109.2	491.8	12.0	191.4	1.10	70.00
Palwal	CGWB	Dug Well	28.15	77.325	2022	8.26	2212	ND	300.2	32.1	53.5	395.0	8.0	0.0	743.2	51.0	319.1	1.09	37.00

Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃
Palwal	CGWB	Dug Well	28.15	77.325	2023	7.82	2251	ND	565.0	68.0	96.0	267.0	8.2	0.0	383.0	412.0	263.0	1.70	35.00
Palwal	CGWB	Dug Well	28.15	77.325	2024	8.04	1910	0	510.4	56.11	89.98	198	9	Nil	454	164	234	0.8	89
Paroli_28934	Atal Jal	Pizeometer	28.2303	77.2027	2024	8.06	12462	7161	948.4	251.8	77.61	1614	10	8.958	821.1	848	2652	6.35	83.25
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2015	8.45	2040	ND	632.9	28.6	136.4	205.0	5.4	59.0	274.0	326.0	277.9	1.64	28.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2016	8.55	1500	ND	353.8	36.4	63.9	180.0	4.6	55.5	293.5	120.0	194.5	1.00	16.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2017	7.94	1380	ND	320.0	24.0	54.0	186.0	4.6	0.0	427.0	117.0	170.0	1.75	16.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2018	8.06	1365	ND	353.0	39.0	62.0	165.0	4.6	0.0	485.0	48.0	174.0	1.78	14.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2019	8.66	1132	ND	210.0	20.0	39.0	203.0	1.0	84.0	183.0	108.0	163.0	0.95	9.12
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2020	8.37	1614	ND	336.3	25.3	66.4	229.0	3.5	42.8	305.0	105.0	262.3	0.67	12.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2021	8.7	1441	ND	380.3	20.0	80.3	170.0	5.0	62.4	349.0	15.0	234.0	1.26	17.00
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2022	8.08	3160	ND	790.6	60.1	155.6	416.0	11.0	0.0	576.6	298.0	623.9	1.00	3.10
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2023	Sample not collected from this location													
Pelak_28935	CGWB	Dug Well	28.1375	77.4042	2024	8.38	2340	0	550.4	28.06	116.7	314	6.2	57.6	336.8	257	390	1.91	12
Rajolaka_265001	Atal Jal	Handpump	28.1261	77.2594	2024	7.78	2186	1258	164.9	45.41	12.52	284	2	0.85	149.1	152.5	462.8	1.15	9.75
Rajpura_28937	Atal Jal	Pizeometer	28.0905	77.2853	2024	7.83	15747	9609	1268	338.5	102.6	2166	14	7.118	1113	1137	3568	8.65	113.5
Rakhota_265004	Atal Jal	Pizeometer	28.1127	77.218	2024	7.24	13085	8501	1124	297.2	92.63	1916	12	1.617	988.4	1006	3153	7.6	99.75
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2015	8.52	1020	ND	255.2	16.4	52.1	152.0	7.0	105.3	214.2	85.0	104.2	1.48	0.92
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2016	8.58	2000	ND	131.4	24.3	17.2	430.0	1.2	99.9	654.7	122.0	139.0	5.55	24.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2017	8.13	2530	ND	240.0	32.0	39.0	501.0	1.0	0.0	952.0	289.0	156.0	3.25	26.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2018	8.21	1909	ND	147.0	20.0	24.0	399.0	3.4	0.0	1009.0	15.0	125.0	5.78	26.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2019	8.76	1934	ND	140.0	28.0	17.0	425.0	15.0	192.0	488.0	62.0	184.0	0.89	25.09
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2020	8.6	380	ND	80.1	20.0	7.3	62.0	2.0	36.0	158.7	0.0	14.2	0.01	0.33
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2021	8.83	1395	ND	360.3	8.0	82.7	141.0	20.0	62.4	317.3	12.0	135.0	1.00	159.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2022	8.31	1020	ND	294.0	12.0	64.2	87.0	12.0	30.0	264.0	0.0	102.0	0.87	114.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2023	7.6	1137	ND	395.0	42.0	70.5	78.0	4.2	0.0	449.0	29.0	71.0	0.81	111.00
Rasulpur	CGWB	Dug Well	28.0865	77.3982	2024	8.39	1074	0	230.2	28.06	38.91	159	6	57.6	454	BDL	85.08	1.41	10
Ratipur_28941	Atal Jal	Pizeometer	28.1174	77.2872	2024	6.98	15890	10241	1350	359.1	110.2	2308	15	1.068	1189	1211	3799	9.2	121.5
Rehrana_28942	Atal Jal	Pizeometer	28.1057	77.3185	2024	7.98	1140	665	92.77	24.77	7.51	150	1	0.718	79.24	82.8	250.7	0.45	2.25
Sihol_28906	Atal Jal	Pizeometer	28.1289	77.4284	2024	7.71	1306	807	103.1	28.9	7.51	182	1	0.434	89.54	99.7	298.9	0.55	4
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2015	8.65	1633	ND	245.0	8.2	54.6	262.0	15.0	58.5	226.1	146.0	236.2	0.39	75.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2016	8.8	970	ND	141.5	20.2	22.1	175.0	8.5	55.5	293.5	72.0	76.4	0.46	15.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2017	7.88	2120	ND	240.0	32.0	39.0	481.0	5.0	0.0	952.0	161.0	241.0	1.20	0.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2018	7.73	1180	ND	235.0	39.0	33.0	187.0	5.6	0.0	538.0	34.0	111.0	0.30	2.60
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2019	8.46	1411	ND	250.0	32.0	41.0	271.0	7.0	84.0	183.0	123.0	290.0	0.15	22.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2020	8.37	1730	ND	283.7	25.3	53.6	281.0	8.5	57.1	363.1	98.0	248.2	0.37	66.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2021	8.87	1500	ND	190.2	8.0	41.3	261.0	12.0	93.6	428.4	0.0	184.0	0.29	40.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2022	8.4	1778	ND	330.3	32.1	60.8	250.0	22.0	50.4	448.5	24.0	269.4	0.43	60.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2023	7.56	2275	ND	550.0	30.0	115.4	254.0	12.0	0.0	389.0	287.0	346.0	0.70	51.00
Sujwari_28908	CGWB	Dug Well	28.1556	77.4264	2024	7.58	1842	0	370.3	68.14	48.64	251	16	Nil	703	BDL	269.4	0.4	6.9
Sujwari_28908	Atal Jal	Pizeometer	28.1527	77.4168	2024	8.15	1981	1206	154.6	41.28	12.52	272	2	1.859	138.1	146.9	443.6	0.9	9
Taraka_28909	Atal Jal	Pizeometer	28.1258	77.3819	2024	8.04	1008	640	82.47	20.64	7.51	144	1	0.721	69.23	80.6	241.1	0.4	2
Teharaki_28910	Atal Jal	Pizeometer	28.2038	77.2262	2024	7.59	8463	5072	670	177.5	55.07	1143	7	2.158	587.8	601.9	1880	4.45	57
Theraka	CGWB	Tube Well	28.1253	77.4331	2015	8.45	782	ND	245.0	28.6	42.2	82.0	6.3	70.2	166.6	62.0	69.5	1.12	10.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2016	8.15	1390	ND	384.1	56.7	59.0	145.0	11.0	0.0	440.3	78.0	145.9	0.67	75.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2017	7.82	2671	ND	581.0	72.0	97.0	389.0	8.5	0.0	757.0	45.0	532.0	0.73	22.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2018	7.73	989	ND	353.0	51.0	55.0	73.0	6.3	0.0	472.0	ND	83.0	1.08	15.00

Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃
Theraka	CGWB	Tube Well	28.1253	77.4331	2019	8.6	1074	ND	360.0	36.0	66.0	109.7	23.8	72.0	269.0	30.0	163.0	0.40	22.23
Theraka	CGWB	Tube Well	28.1253	77.4331	2020	Sample not collected from this location													
Theraka	CGWB	Tube Well	28.1253	77.4331	2021	8.87	1165	ND	280.2	20.0	55.9	148.0	7.0	78.0	301.4	106.0	71.0	0.79	54.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2022	7.84	4334	ND	807.0	74.0	151.2	624.0	7.8	0.0	412.0	547.0	841.0	0.84	67.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2023	7	4502	ND	725.0	130.0	97.3	694.0	60.0	0.0	483.0	810.0	710.0	0.67	58.00
Theraka	CGWB	Tube Well	28.1253	77.4331	2024	8.17	1142	0	250.2	56.11	26.75	142	7	Nil	336.8	BDL	219.8	0.35	BDL
Tikri Brahman_28912	Atal Jal	Pizeometer	28.0887	77.3034	2024	7.8	18466	11901	1577	416.9	130.2	2682	17	8.185	1372	705.3	4416	10.75	142.3

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
Palwal_619	Palwal_468	Atal Jal	Adupur_28880	28.1532	77.2383	ND	ND	ND	ND	3412
Palwal_619	Palwal_468	Atal Jal	Aherwa_28881	28.1075	77.2605	ND	ND	ND	ND	20861
Palwal_619	Palwal_468	SGWB	AHRAWAN	28.1082	77.2576	8900	9000	9000	4800	2500
Palwal_619	Palwal_468	Atal Jal	Allika_28883	28.1567	77.2504	ND	ND	ND	ND	18591
Palwal_619	Palwal_468	SGWB	ASAWATA	28.1071	77.3484	1500	1550	1900	1900	1900
Palwal_619	Palwal_468	Atal Jal	Asawata_28884	28.1046	77.3495	ND	ND	ND	ND	1230
Palwal_619	Palwal_468	Atal Jal	Atarchata_28885	28.1891	77.2058	ND	ND	ND	ND	7999
Palwal_619	Palwal_468	SGWB	BADHA	28.1212	77.2271	3000	3000	3400	3050	3000
Palwal_619	Palwal_468	Atal Jal	Badha_28886	28.121	77.2296	ND	ND	ND	ND	1786
Palwal_619	Palwal_468	SGWB	BALAI	28.1913	77.4556	5500	1850	ND	ND	1500
Palwal_619	Palwal_468	Atal Jal	Chandpur_28892	28.2124	77.2065	ND	ND	ND	ND	15754
Palwal_619	Palwal_468	SGWB	CHAT	28.1876	77.2129	1800	ND	2200	2000	2000
Palwal_619	Palwal_468	Atal Jal	Chhajju Nagar_28893	28.1094	77.3691	ND	ND	ND	ND	2354
Palwal_619	Palwal_468	Atal Jal	Chirawata_28894	28.1078	77.3144	ND	ND	ND	ND	3160
Palwal_619	Palwal_468	Atal Jal	Chirwari_28895	28.1547	77.4056	ND	ND	ND	ND	1154
Palwal_619	Palwal_468	Atal Jal	Dehlaka Bhurja_28896	28.2269	77.2223	ND	ND	ND	ND	4275
Palwal_619	Palwal_468	SGWB	DHALIAKA	28.2253	77.2176	3300	3400	2300	1900	1900
Palwal_619	Palwal_468	SGWB	DHAMAKA	28.1082	77.2353	6800	6800	6400	4750	5100
Palwal_619	Palwal_468	Atal Jal	Dhamaka_28897	28.1101	77.231	ND	ND	ND	ND	13886
Palwal_619	Palwal_468	SGWB	DHATIR	28.1916	77.2449	3800	2500	1300	1900	1900
Palwal_619	Palwal_468	Atal Jal	Dhatir_28898	28.1899	77.2464	ND	ND	ND	ND	2984
Palwal_619	Palwal_468	Atal Jal	Dungarpur_28900	28.2106	77.2112	ND	ND	ND	ND	3945
Palwal_619	Palwal_468	Atal Jal	Durgapur_28901	28.1039	77.2725	ND	ND	ND	ND	7762
Palwal_619	Palwal_468	Atal Jal	Gailpur_28904	28.1286	77.2707	ND	ND	ND	ND	3217
Palwal_619	Palwal_468	Atal Jal	Ghughera_28914	28.1661	77.2791	ND	ND	ND	ND	24975
Palwal_619	Palwal_468	SGWB	HAZIPUR	28.0928	77.3416	1700	ND	1900	1600	1500
Palwal_619	Palwal_468	SGWB	JAINDAPUR	28.2036	77.1992	1800	ND	1500	800	800
Palwal_619	Palwal_468	Atal Jal	Jaindapur_28918	28.2042	77.2087	ND	ND	ND	ND	1635
Palwal_619	Palwal_468	Atal Jal	Jalalpur Khalsa_28919	28.0985	77.2469	ND	ND	ND	ND	1027
Palwal_619	Palwal_468	Atal Jal	Jodhpur_28920	28.1073	77.2974	ND	ND	ND	ND	2238
Palwal_619	Palwal_468	Atal Jal	Joharkhera_28921	28.1248	77.2076	ND	ND	ND	ND	8237
Palwal_619	Palwal_468	Atal Jal	Kairaka_28922	28.13	77.2491	ND	ND	ND	ND	19332
Palwal_619	Palwal_468	Atal Jal	Kakrali_28923	28.1542	77.2806	ND	ND	ND	ND	10729
Palwal_619	Palwal_468	SGWB	KARNA	28.1444	77.2769	2950	3000	3900	3500	3300
Palwal_619	Palwal_468	Atal Jal	Karna_28924	28.1446	77.279	ND	ND	ND	ND	11944
Palwal_619	Palwal_468	SGWB	KISHOREPUR	28.1619	77.2256	3200	3300	2700	3000	3000
Palwal_619	Palwal_468	Atal Jal	Kishorpur_28927	28.1751	77.2094	ND	ND	ND	ND	3355

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
Palwal_619	Palwal_468	Atal Jal	Lalpur Kadim_28930	28.1649	77.3793	ND	ND	ND	ND	1449
Palwal_619	Palwal_468	Atal Jal	Lalwa_28931	28.1397	77.2896	ND	ND	ND	ND	8162
Palwal_619	Palwal_468	Atal Jal	Maheshpur_28932	28.1369	77.2343	ND	ND	ND	ND	12551
Palwal_619	Palwal_468	Atal Jal	Milkgani_28933	28.1502	77.3891	ND	ND	ND	ND	1088
Palwal_619	Palwal_468	SGWB	MISA	28.1288	77.4162	ND	ND	ND	ND	2200
Palwal_619	Palwal_468	SGWB	PALWAL	28.1302	77.3288	ND	ND	2000	1050	1000
Palwal_619	Palwal_468	Atal Jal	Paroli_28934	28.2303	77.2027	ND	ND	ND	ND	12462
Palwal_619	Palwal_468	SGWB	PEELAK	28.1399	77.4005	700	ND	1300	1950	1900
Palwal_619	Palwal_468	Atal Jal	Rajolaka_265001	28.1261	77.2594	ND	ND	ND	ND	2186
Palwal_619	Palwal_468	Atal Jal	Rajpura_28937	28.0905	77.2853	ND	ND	ND	ND	15747
Palwal_619	Palwal_468	Atal Jal	Rakhota_265004	28.1127	77.218	ND	ND	ND	ND	13085
Palwal_619	Palwal_468	Atal Jal	Ratipur_28941	28.1174	77.2872	ND	ND	ND	ND	15890
Palwal_619	Palwal_468	SGWB	REHRANA	28.105	77.3195	2350	ND	3500	2900	3000
Palwal_619	Palwal_468	Atal Jal	Rehrana_28942	28.1057	77.3185	ND	ND	ND	ND	1140
Palwal_619	Palwal_468	Atal Jal	Sihol_28906	28.1289	77.4284	ND	ND	ND	ND	1306
Palwal_619	Palwal_468	Atal Jal	Sujwari_28908	28.1527	77.4168	ND	ND	ND	ND	1981
Palwal_619	Palwal_468	Atal Jal	Taraka_28909	28.1258	77.3819	ND	ND	ND	ND	1008
Palwal_619	Palwal_468	Atal Jal	Teharaki_28910	28.2038	77.2262	ND	ND	ND	ND	8463
Palwal_619	Palwal_468	Atal Jal	Tikri Brahman_28912	28.0887	77.3034	ND	ND	ND	ND	18466