

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : GULHA

DISTRICT : KAITHAL

YEAR : 2024-2025

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

HYDROGEOLOGICAL REPORT
(YEAR: 2024-25)

STATE	:	HARYANA
DISTRICT	:	KAITHAL
BLOCK/TALUK	:	GULHA
BLOCK/TALUK HQs	:	GULHA

A	GENERAL INFORMATION			
1.	Geographical area (Ha)	:	49236	
2.	No. of Gram Panchayats	:	61	
3.	No. of towns		1	
4.	No. of villages	:	78	
5.	Population (2011)	:	Male	Female
			57657	53970
6.	Rainfall (mm) (2023)	:	Monsoon	Non-monsoon
			470	264
7.	River basin	:	Upper Ghaggar Basin	
8.	Major soil types	:	Loamy sand	

B	LAND USE (2023-24)			
1.	Forest area (Ha)	:	624.8	
2.	Cultivable area (Ha)	:	41209	
3.	Net sown area (Ha)	:	41209	
4.	Gross cropped area (Ha)	:	80126	

C	CROPPING PATTERN (As in 2023-24)				
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 2022-23)					
1.	Net irrigated area (Ha)	:	40256			
2.	Gross irrigated area (Ha)	:	76426			
3.	Area under irrigation (Ha) (Source-wise)	:	DW	BW/TW	Tanks/Ponds	Canals
			-	35386	-	4902

E	GEOLOGY & HYDROGEOLOGY		
1.	Predominant rocktype	:	Sand
2.	Major geological formations	:	Indo-Gangetic Alluvium
3.	Important water-bearing formations	:	Sand
4.	Status of coverage under NAQUIM		Covered / Not Covered.

F	GROUND WATER CONDITIONS										
1	No. of wells used for Water Level (WL) monitoring.	:	Open wells				BW/TW/ PZ				
		CGWB	SGWB	Atal Jal	Total	CGWB	SGWB	Atal Jal	Total		
		0	0	0	0	2	24	93	119		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		0	24	53	2	0	40	2	0	40	
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)		34.8/Rewar Jagir_30562				60.9/Kharkara_30544				
	Post-monsoon (Oct/Nov 2024)		35.7/Rewar Jagir_30562				64.27/Kharkara_30544				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-8.29/Sultania Kartarpur_30568				3.56/Manjheri_245954					

G	GROUND WATER QUALITY								
1	No. of wells used for Water Quality (WQ) monitoring.	Open Wells				BW/TW/ PZ			
		CGWB	SGWB	Atal Jal	Total	CGWB	SGWB	Atal Jal	Total
		0	0	0	0	1	25	61	87
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							

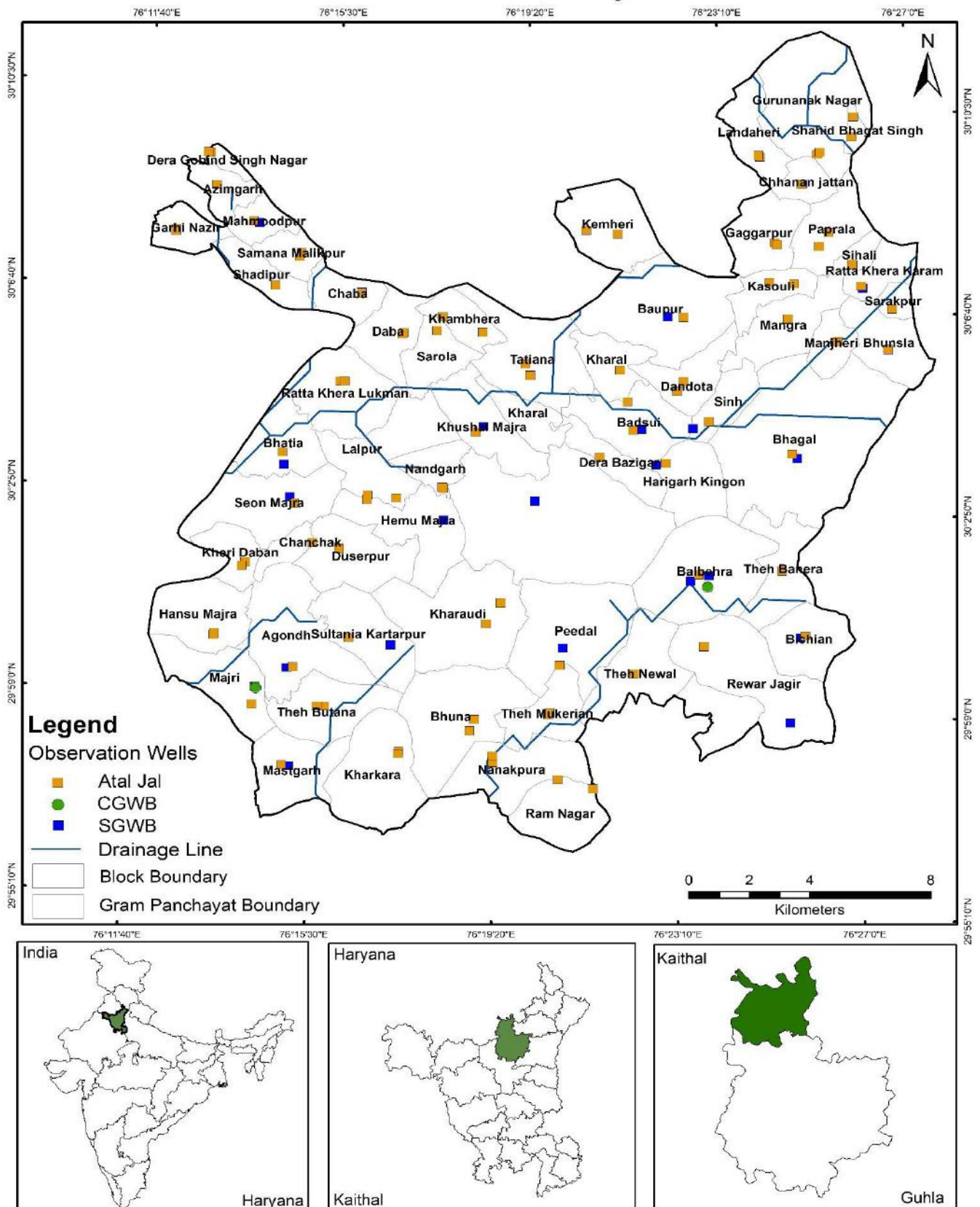
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	7644.0					
4.	Current annual GW extraction (ha.m)	:	17006.6					
5.	Net GW availability for future use (ha.m)	:	0.0					
6.	Stage of GW extraction (%)	:	223.82 %					
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)	MGNREGA	
		ii)	JJM	
		iii)	PMKSY	
		iv)	RKVY	
		v)	NHP	
		vi)	NAQUIM	
	State Schemes	i)	State Plan Scheme (Head 2402)	
		ii)	MPMV	
		iii)		
		iv)		

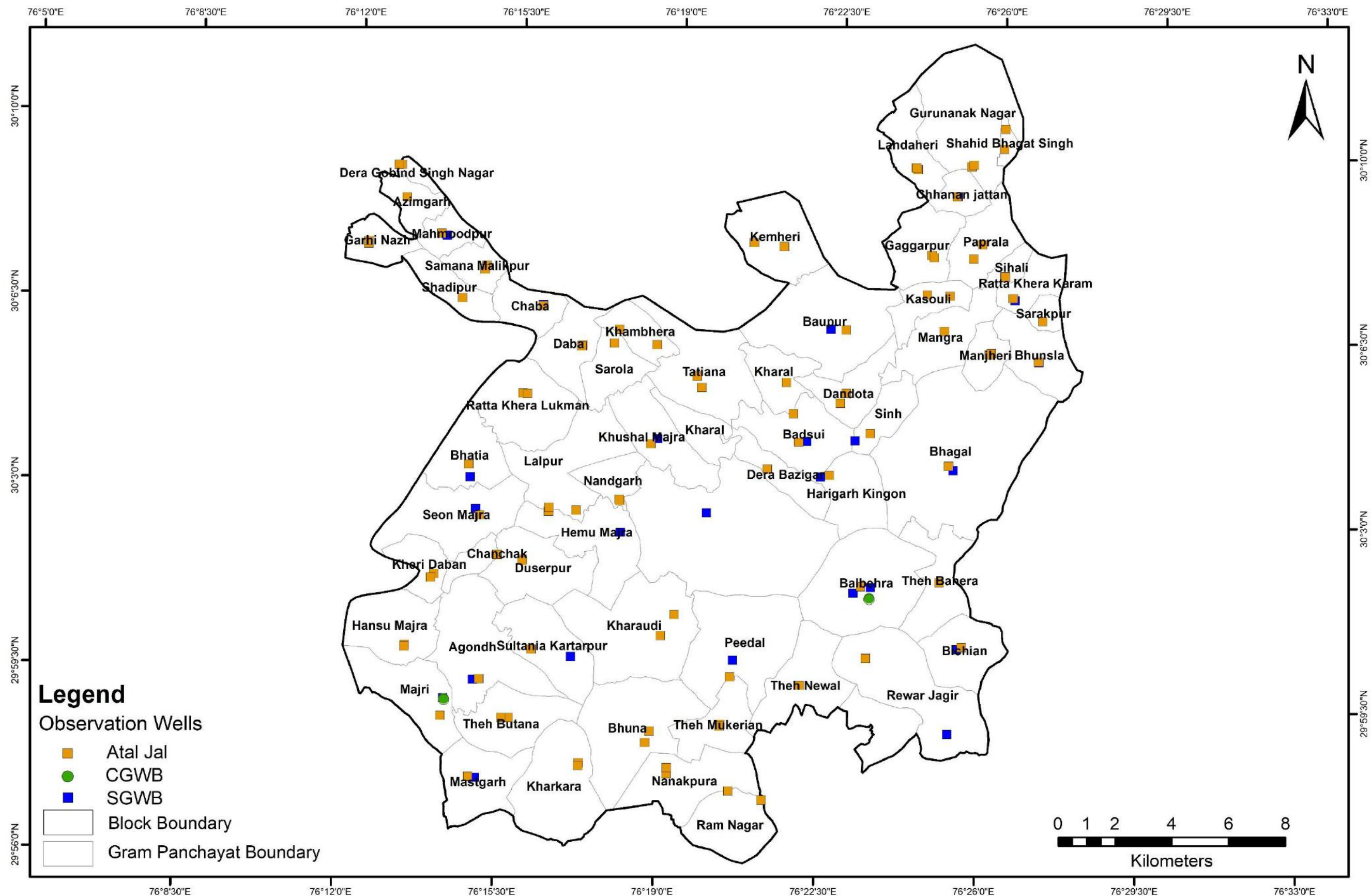
J. GROUND WATER RELATED ISSUES			
1.	Ground water related issues of the block/		
	i) Issues related to GW availability	:	Due to over exploitation groundwater is depleting at higher rates in the block. Significantly large number of shallow tube wells exist in the block
	ii) Issues related to GW quality	:	No such issue
	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

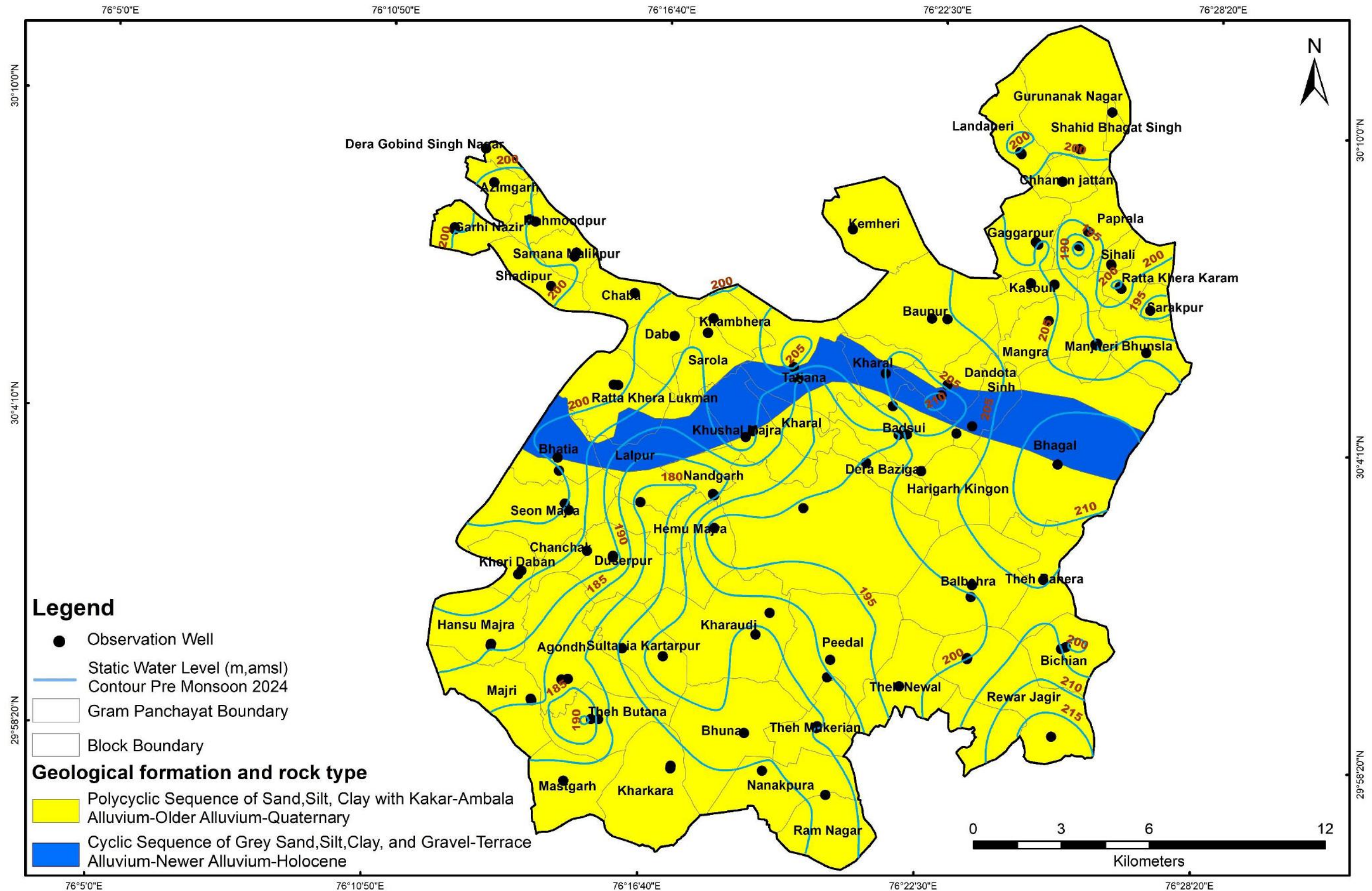
Location Map of Block- Guhla, District- Kaithal, Haryana



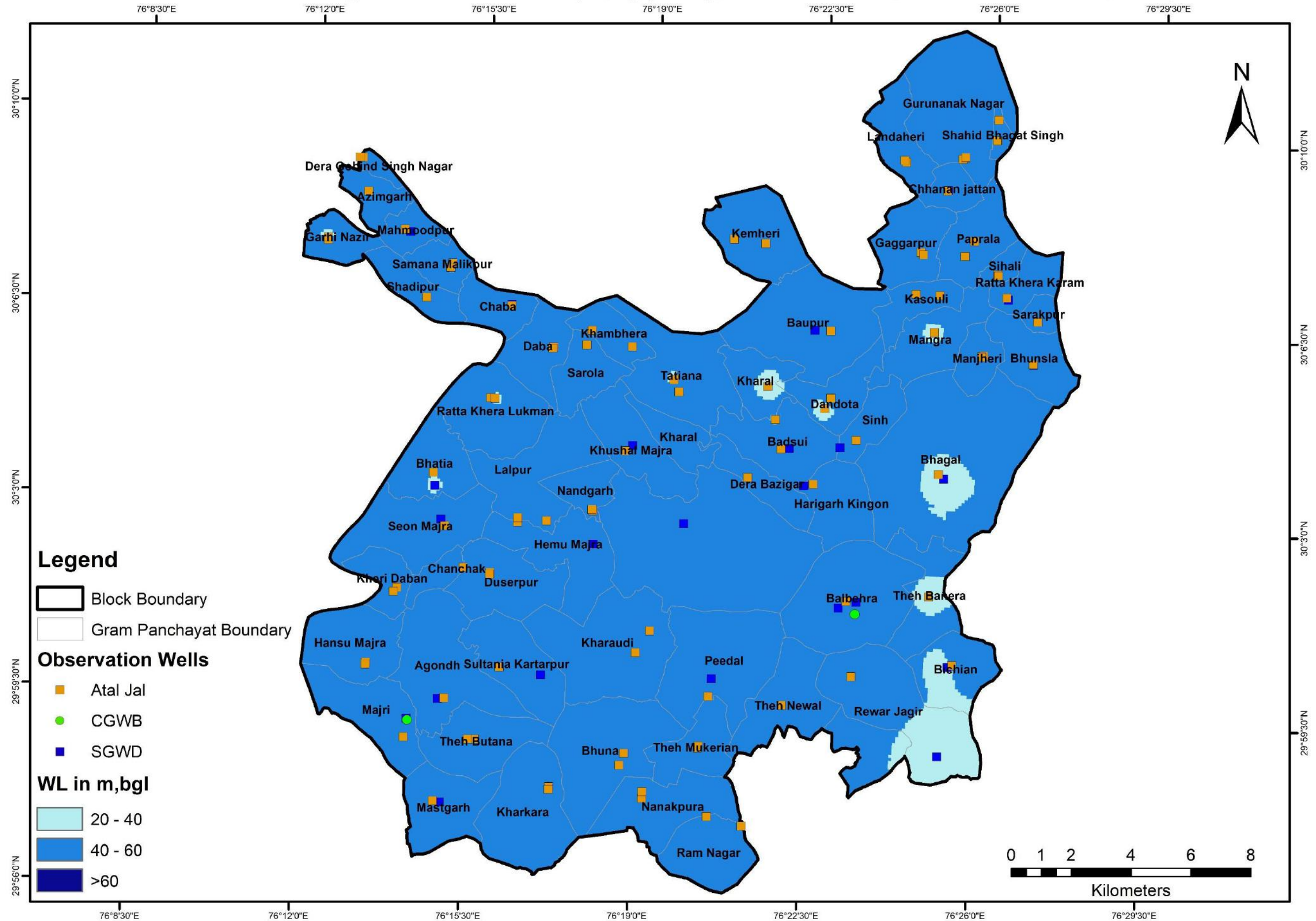
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block-Guhla, District- Kaithal, Haryana



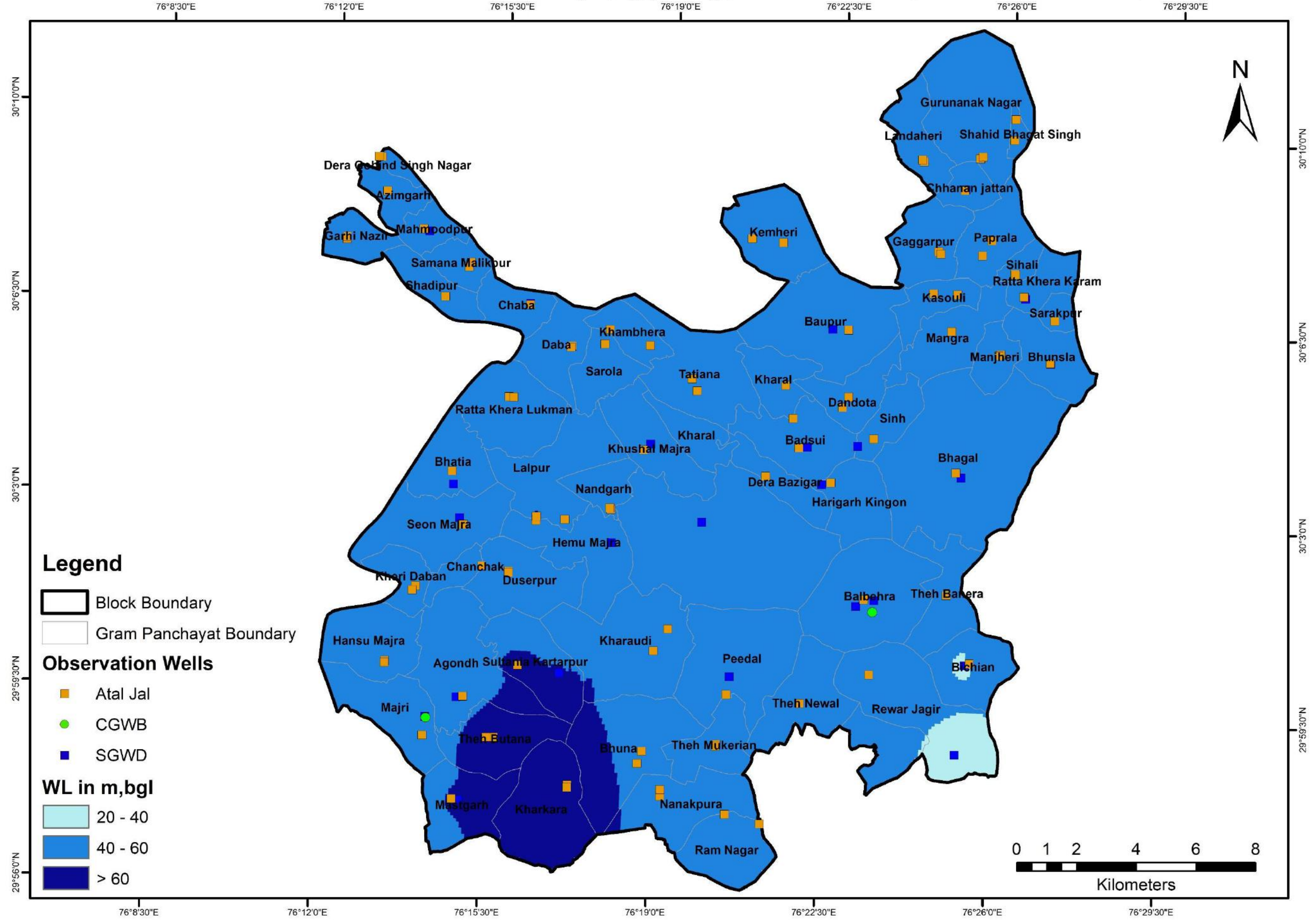
Hydrogeological Map, Block- Guhla, District- Kaithal, Haryana



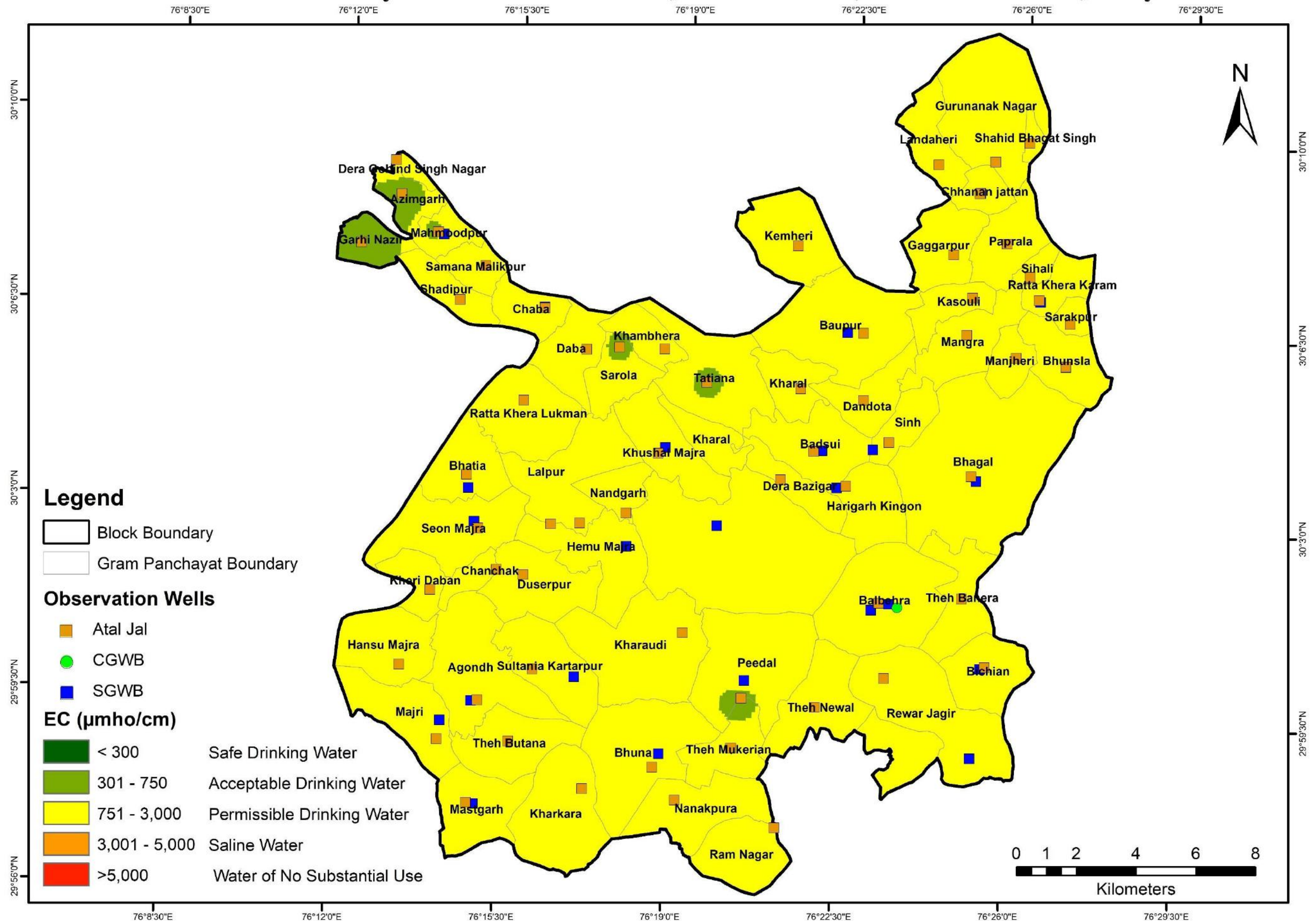
Pre Monsoon 2024 Depth to Water Level (m,bgl) Map, Block - Guhla, District - Kaithal, Haryana



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



Electrical Conductivity of Groundwater-2024, Block - Guhla, District - Kaithal, Haryana



ANNEXURE: 1
BASIC DATA OF MONITORING WELLS

State	Haryana			District	Kaithal				Block	Gulha					
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_326	Agondh_30516	Agondh	Govt. Senior Secondary School, Agondh	29.9921	76.2508	Piezometer	238	Semi Confined to Confined	0.50	111	0.10	Both	Telemetric	Atal Jal
2.	HR_GW_343	Azimgarh_30517	AZIMGARH	Govt. Primary School	30.1432	76.2176	Piezometer	241	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
3.	HR_GW_357	Badsui_30519	Badsui	Govt. Senior Secondary School, Badsui	30.0709	76.3637	Piezometer	242	Semi Confined to Confined	0.50	108	0.10	Both	Telemetric	Atal Jal
4.	ABY_KAI_GUH_BALBEHRA_1	Balbehra_30520	Balbehra	Sonia Rani	30.0259	76.3882	Tube Well	240	SEMI CONFINED	0.60	168	0.20	WQ	Manual	Atal Jal
5.	HR_GW_344	Baupur_30521	BAUPUR	Govt. Middle School	30.1070	76.3793	Piezometer	246	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
6.	ABY_KAI_GUH_BHAGAL_1	Bhagal_30522	Bhagal	Sudesh Sharma	30.0651	76.4184	Tube Well	246	SEMI CONFINED	0.05	168	0.22	WQ	Manual	Atal Jal
7.	HR_GW_327	Bhatia_30523	Bhatian	Govt. Primary School, Bhatian	30.0597	76.2440	Piezometer	239	Semi Confined to Confined	0.50	90	0.10	Both	Telemetric	Atal Jal
8.	GWL-06-066-00505-00030524-001	Bhuna_30524	Bhuna	Phed Bhuna	29.9776	76.3135	Tube Well	244	Semi Confined to Confined	0.30	183	0.30	WL	Manual	Atal Jal-Private
9.	ABY_KAI_GUH_BHUNA_1	Bhuna_30524	Bhuna	Ravi Kumar	29.9740	76.3121	Tube Well	243	SEMI CONFINED	0.30	122	0.30	WQ	Manual	Atal Jal
10.	ABY_KAI_GUH_BHUSLAN_1	Bhunsla_30525	Bhunsla	Sandeep Kumar	30.0993	76.4497	Tube Well	245	SEMI CONFINED	0.85	183	0.10	WQ	Manual	Atal Jal
11.	HR_GW_346	Bichian_30526	BICHHIAN	Govt. Primary School	30.0079	76.4256	Piezometer	243	Semi-Confined To Confined	0.50	100	0.10	Both	Telemetric	Atal Jal
12.	ABY_KAI_GUH_CHABA_1	Chaba_30527	Chaba	Rajinder Kaur	30.1107	76.2688	Tube Well	245	SEMI CONFINED	0.60	244	0.20	WQ	Manual	Atal Jal
13.	GWL-06-066-00505-00030528-001	Chanchak_30528	Chanchak	Phed Chanchak	30.0315	76.2556	Tube Well	241	Semi Confined to Confined	0.30	198	0.25	WL	Manual	Atal Jal-Private
14.	ABY_KAI_GUH_CHANCHAK_1	Chanchak_30528	Chanchak	Sandeep Kumar	30.0315	76.2556	Tube Well	241	SEMI CONFINED	0.40	213	0.18	WQ	Manual	Atal Jal
15.	ABY_KAI_GUH_CHHANAN JATTAN_1	Chhanan jattan_30529	Chhanan jattan	Manjeet Kaur	30.1504	76.4177	Tube Well	246	SEMI CONFINED	0.10	213	0.22	WQ	Manual	Atal Jal
16.	GWL-06-066-00505-00030530-001	Daba_30530	Daba	Phed Daba	30.0984	76.2834	Tube Well	241	Semi Confined to Confined	0.30	183	0.30	WL	Manual	Atal Jal-Private
17.	ABY_KAI_GUH_DABA_1	Daba_30530	Daba	Malkeet Singh	30.0988	76.2837	Tube Well	243	SEMI CONFINED	0.40	152	0.20	WQ	Manual	Atal Jal
18.	HR_GW_329	Dandota_30531	Dandota	Shamshan Ghat , Dandota	30.0868	76.3802	Piezometer	244	Semi Confined to Confined	0.50	106	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.	GWL-06-066-00505-00030531-001	Dandota_30531	Dhandota	Phed Dhandota	30.0836	76.3782	Tube Well	249	Semi Confined to Confined	0.76	213	0.30	WL	Manual	Atal Jal-Private
20.	HR_GW_328	Dera Bazigar_30532	DERA BAZIGARH/DERA PARTAP SINGH	Govt. Primary School	30.0619	76.3526	Piezometer	244	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
21.	GWL-06-066-00505-00265388-001	Dera Gobind Singh Nagar_265388	Dera Gobind Singh Nagar	Phed Dera Gobind Singh Nagar	30.1535	76.2142	Tube Well	244	Semi Confined to Confined	0.15	198	0.30	WL	Manual	Atal Jal-Private
22.	ABY_KAI_GUH_DERA GOBIND SINGH_1	Dera Gobind Singh Nagar_265388	Dera Gobind Singh Nagar	Rajwinder Kaur	30.1534	76.2152	Tube Well	244	SEMI CONFINED	0.15	76	0.30	WQ	Manual	Atal Jal
23.	HR_GW_349	Duserpur_30533	Dusserpur	Govt. Primary School, Dusserpur	30.0303	76.2649	Piezometer	241	Semi Confined to Confined	0.50	95	0.10	Both	Telemetric	Atal Jal
24.	GWL-06-066-00505-00030533-001	Duserpur_30533	Duserpur	Phed Duserpur	30.0298	76.2649	Tube Well	241	Semi Confined to Confined	0.45	213	0.30	WL	Manual	Atal Jal-Private
25.	HR_GW_350	Gaggarpur_30534	Gaggarpur	Govt. Senior Secondary School, Gaggarpur	30.1317	76.4094	Piezometer	246	Semi Confined to Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
26.	GWL-06-066-00505-00030534-001	Gaggarpur_30534	Gaggarpur	Phed Gaggarpur	30.1310	76.4102	Tube Well	246	Semi Confined to Confined	0.25	106	0.30	WL	Manual	Atal Jal-Private
27.	HR_GW_351	Garhi Nazir_30535	Garhi Nazir	Govt. Primary School, Garhi Nazir	30.1283	76.2043	Piezometer	240	Semi Confined to Confined	0.50	90	0.10	Both	Telemetric	Atal Jal
28.	GWL-06-066-00505-00030535-001	Garhi Nazir_30535	Garhinazir	Phed Garhinazir	30.1290	76.2043	Tube Well	243	Semi Confined to Confined	0.47	123	0.30	WL	Manual	Atal Jal-Private
29.	GWL-06-066-00505-00266752-001	Gurunanak Nagar_266752	Gurunanak Nagar	Phed	30.1607	76.4235	Tube Well	246	Semi Confined to Confined	1.50	213	0.22	WL	Manual	Atal Jal-Private
30.	ABY_KAI_GUH_GURU NANAK NAGAR_1	Gurunanak Nagar_266752	Gurunanak Nagar	Jeet Singh	30.1601	76.4226	Tube Well	245	SEMI CONFINED	1.50	76	0.22	WQ	Manual	Atal Jal
31.	HR_GW_352	Hansu Majra_30536	Hansu Majra	Govt. Primary School, Hansu Majra	30.0018	76.2233	Piezometer	237	Semi Confined to Confined	0.50	111	0.10	Both	Telemetric	Atal Jal
32.	GWL-06-066-00505-00030536-001	Hansu Majra_30536	Hansumajra	Phed Hansumajra	30.0013	76.2232	Tube Well	237	Semi Confined to Confined	0.60	183	0.25	WL	Manual	Atal Jal-Private
33.	ABY_KAI_GUH_HARIGARH KINGON_1	Harigarh Kingon_30537	Harigarh Kingon	Kuldeep Singh	30.0607	76.3753	Tube Well	244	SEMI CONFINED	0.63	107	0.10	WQ	Manual	Atal Jal
34.	ABY_KAI_GUH_HEMU MAJRA_1	Hemu Majra_30538	Hemu Majra	Harbans Kaur	30.0458	76.2737	Tube Well	237	SEMI CONFINED	0.00	152	0.30	WQ	Manual	Atal Jal
35.	HR_GW_348	Kasouli_30541	Kasoli	Govt. Primary School, Kasoil	30.1189	76.4165	Piezometer	246	Semi Confined to Confined	0.50	105	0.10	Both	Telemetric	Atal Jal
36.	GWL-06-066-00505-00030541-001	Kasouli_30541	Kasoli	Phed	30.1190	76.4082	Tube Well	247	Semi Confined to Confined	0.05	214	0.22	WL	Manual	Atal Jal-Private
37.	GWL-06-066-00505-00030540-001	Kemheri_30540	Kamheri	Phed Kamheri	30.1334	76.3447	Tube Well	245	Semi Confined to Confined	0.05	107	0.22	WL	Manual	Atal Jal-Private
38.	ABY_KAI_GUH_KAMHERI_1	Kemheri_30540	Kemheri	Karamjeet Singh	30.1325	76.3555	Tube Well	242	SEMI CONFINED	0.05	152	0.22	WQ	Manual	Atal Jal
39.	GWL-06-066-00505-00030542-001	Khambhera_30542	Khambahera	Phed Khambahera	30.1043	76.2968	Tube Well	242	Semi Confined to Confined	0.45	107	0.30	WL	Manual	Atal Jal-Private

S.No	Well ID	Gram Panchayat	Name of the village	Site Name	Latitude	Longitude	Type of Well	Reduced Level	Aquifer Type/Lithology	Height of Measuring (m, agl)	Depth (m,bgl)	Diameter (m)	Purpose of Monitoring (WL/WQ)	Monitoring Mechanism	Agency
40.	ABY_KAI_GUH_KHAMBAHERA_1	Khambhera_30542	Khambhera	Amninder Singh	30.0999	76.3108	Tube Well	241	SEMI CONFINED	0.45	107	0.30	WQ	Manual	Atal Jal
41.	HR_GW_353	Kharal_30543	Kharal	Govt. Primary School, Kharal	30.0896	76.3583	Piezometer	244	Semi Confined to Confined	0.50	99	0.10	Both	Telemetric	Atal Jal
42.	GWL-06-066-00505-00030543-001	Kharal_30543	Kharal	Phed Kharal	30.0797	76.3613	Tube Well	244	Semi Confined to Confined	0.35	107	0.22	WL	Manual	Atal Jal-Private
43.	HR_GW_330	Kharaudi_30545	Kharoudi	Govt. Senior Secondary School, Kharoudi	30.0148	76.3209	Piezometer	240	Semi Confined to Confined	0.50	115	0.10	Both	Telemetric	Atal Jal
44.	GWL-06-066-00505-00030545-001	Kharaudi_30545	Kharodi	Phed Kharodi	30.0080	76.3162	Tube Well	240	Semi Confined to Confined	0.76	213	0.30	WL	Manual	Atal Jal-Private
45.	HR_GW_354	Kharkara_30544	Kharkara	Govt. Senior Secondary School, Kharkara	29.9667	76.2882	Piezometer	236	Semi Confined to Confined	0.50	126	0.10	Both	Telemetric	Atal Jal
46.	GWL-06-066-00505-00030544-001	Kharkara_30544	Kharkara	Phed Kharkara	29.9659	76.2881	Tube Well	238	Semi Confined to Confined	0.60	198	0.30	WL	Manual	Atal Jal-Private
47.	HR_GW_331	Kheri Daban_30546	Kheri Daban	Govt. Middle School, Kheri Daban	30.0246	76.2329	Piezometer	239	Semi Confined to Confined	0.50	124	0.10	Both	Telemetric	Atal Jal
48.	GWL-06-066-00505-00030546-001	Kheri Daban_30546	Kheridaban	Phed Kheridaban	30.0234	76.2318	Tube Well	239	Semi Confined to Confined	0.60	183	0.25	WL	Manual	Atal Jal-Private
49.	HR_GW_355	Khushal Majra_30547	Khushal Majra	Govt. Primary School, Khushal Majra	30.0684	76.3099	Piezometer	241	Semi Confined to Confined	0.50	103	0.10	Both	Telemetric	Atal Jal
50.	GWL-06-066-00505-00030548-001	Lalpur_30548	Lalpur	Phed	30.0471	76.2738	Tube Well	238	Semi Confined to Confined	0.30	229	0.30	WL	Manual	Atal Jal-Private
51.	ABY_KAI_GUH_LALPUR_1	Lalpur_30548	Lalpur	Saravjeet Singh	30.0465	76.2837	Tube Well	239	SEMI CONFINED	0.30	76	0.30	WQ	Manual	Atal Jal
52.	HR_GW_356	Landaheri_30549	Landaheri	Govt. Primary School, Landaheri	30.1585	76.4031	Piezometer	241	Semi Confined to Confined	0.50	109	0.10	Both	Telemetric	Atal Jal
53.	GWL-06-066-00505-00030549-001	Landaheri_30549	Landhaheri	Phed Landhaheri	30.1591	76.4025	Tube Well	244	Semi Confined to Confined	0.25	121	0.22	WL	Manual	Atal Jal-Private
54.	HR_GW_332	Mahmoodpur_30550	Mahmoodpur	Govt. Senior Secondary School, Mahmoodpur	30.1323	76.2308	Piezometer	243	Semi Confined to Confined	0.50	104	0.10	Both	Telemetric	Atal Jal
55.	ABY_KAI_GUH_MAJRI_1	Majri_30551	Majri	Satnam Singh	29.9799	76.2373	Tube Well	240	SEMI CONFINED	0.60	152	0.30	WQ	Manual	Atal Jal
56.	GWL-06-066-00505-00030554-001	Mangra_30554	Mengran	Phed	30.1078	76.4150	Tube Well	245	Semi Confined to Confined	0.05	211	0.30	WL	Manual	Atal Jal-Private
57.	ABY_KAI_GUH_MANGRA_1	Mangra_30554	Mangra	Gurmeet Kaur	30.1077	76.4150	Tube Well	245	SEMI CONFINED	0.05	213	0.30	WQ	Manual	Atal Jal
58.	HR_GW_865	Manjheri_245954	Manjheri	Govt. Primary School, Manjheri	30.1013	76.4324	Piezometer	246	Semi Confined to Confined	0.50	78	0.10	Both	Telemetric	Atal Jal
59.	GWL-06-066-00505-00245954-001	Manjheri_245954	Majheri	Phed	30.1010	76.4317	Tube Well	242	Semi Confined to Confined	0.00	204	0.22	WL	Manual	Atal Jal-Private
60.	ABY_KAI_GUH_MASTGARH_1	Mastgarh_30553	Mastgarh	Reena Rani	29.9610	76.2483	Tube Well	238	SEMI CONFINED	1.92	152	0.10	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
61.	GWL-06-066-00505-00030556-001	Nanakpura_30556	Nanakpura	Phed Nanakpura	29.9663	76.3204	Tube Well	237	Semi Confined to Confined	0.30	198	0.25	WL	Manual	Atal Jal-Private
62.	ABY_KAI_GUH_NANAKPUR_1	Nanakpura_30556	Nanakpura	Vikramjeet Singh	29.9643	76.3204	Tube Well	240	SEMI CONFINED	0.30	122	0.25	WQ	Manual	Atal Jal
63.	HR_GW_333	Nandgarh_30555	Nandgarh	Govt. Primary School, Nandgarh	30.0501	76.2996	Piezometer	237	Semi Confined to Confined	0.50	99	0.10	Both	Telemetric	Atal Jal
64.	GWL-06-066-00505-00030555-001	Nandgarh_30555	Nandgarh	Phed Nandgarh	30.0505	76.2992	Tube Well	240	Semi Confined to Confined	0.01	213	0.30	WL	Manual	Atal Jal-Private
65.	HR_GW_345	Paprala_30557	Paperla	Govt. Primary School, Paperla	30.1356	76.4277	Piezometer	243	Semi Confined to Confined	0.50	128	0.10	Both	Telemetric	Atal Jal
66.	GWL-06-066-00505-00030557-001	Paprala_30557	Paprala	Paprala Phed	30.1310	76.4246	Tube Well	246	Semi Confined to Confined	0.05	213	0.30	WL	Manual	Atal Jal-Private
67.	HR_GW_358	Peedal_30558	PEEDAL	Canal Rest House	29.9958	76.3420	Piezometer	243	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
68.	GWL-06-066-00505-00030559-001	Ram Nagar_30559	Ramnagar	Phed Ramnagar	29.9597	76.3430	Tube Well	236	Semi Confined to Confined	0.30	198	0.25	WL	Manual	Atal Jal-Private
69.	ABY_KAI_GUH_RAM NAGAR_1	Ram Nagar_30559	Ram Nagar	Mahipal	29.9572	76.3552	Tube Well	238	SEMI CONFINED	0.30	91	0.25	WQ	Manual	Atal Jal
70.	HR_GW_334	Ratta Khera Karam_30560	MALIKPUR	Govt. Primary School	30.1227	76.2477	Piezometer	243	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
71.	HR_GW_342	Ratta Khera Karam_30560	RATTAKHERA KADAM	Govt. Primary School	30.1190	76.4396	Piezometer	245	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
72.	HR_GW_336	Ratta Khera Lukman_30561	Rattakhera Lukman	Govt. Primary School, Rattakhera Lukman	30.0828	76.2627	Piezometer	243	Semi Confined to Confined	0.50	92	0.10	Both	Telemetric	Atal Jal
73.	GWL-06-066-00505-00030561-001	Ratta Khera Lukman_30561	Ratta Khera Luqman	Phed	30.0827	76.2642	Tube Well	241	Semi Confined to Confined	0.00	183	0.30	WL	Manual	Atal Jal-Private
74.	HR_GW_337	Rewar Jagir_30562	RIWAR JAGIR	Govt. Primary School	30.0034	76.3910	Piezometer	243	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
75.	HR_GW_359	Sarakpur_30563	SARAKPUR	Govt. Primary School	30.1121	76.4506	Piezometer	242	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
76.	HR_GW_338	Sarola_245953	Sarola	Govt. Primary School, Sarola	30.0999	76.2951	Piezometer	237	Semi Confined to Confined	0.50	88	0.10	Both	Telemetric	Atal Jal
77.	GWL-06-066-00505-00245953-003	Sarola_245953	Sarola	Phed Sarola	30.0998	76.2951	Tube Well	237	Semi Confined to Confined	0.60	183	0.25	WL	Manual	Atal Jal-Private
78.	HR_GW_360	Seon Majra_30564	Seon Majra	Govt. Senior Secondary School, Seon Majra	30.0437	76.2486	Piezometer	239	Semi Confined to Confined	0.50	109	0.10	Both	Telemetric	Atal Jal
79.	HR_GW_347	Shadipur_30565	SHADIPUR	Govt. Primary School	30.1122	76.2392	Piezometer	241	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
80.	GWL-06-066-00505-00266755-002	Shahid Bhagat Singh_266755	Shahid Bhagat Singh Nagar	Phed	30.1723	76.4344	Tube Well	241	Semi Confined to Confined	0.02	213	0.22	WL	Manual	Atal Jal-Private
81.	ABY_KAI_GUH_SHAID BHAGAT SINGH_1	Shahid Bhagat Singh_266755	Shahid Bhagat Singh	Paramjeet Kaur	30.1661	76.4342	Tube Well	248	SEMI CONFINED	0.02	61	0.22	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
82.	HR_GW_339	Sihali_245955	Sihali	Govt. Primary School, Sihali	30.1258	76.4362	Piezometer	246	Semi Confined to Confined	0.50	109	0.10	Both	Telemetric	Atal Jal
83.	GWL-06-066-00505-00245955-001	Sihali_245955	Sihali	Phed Sihali	30.1255	76.4364	Tube Well	246	Semi Confined to Confined	0.15	138	0.30	WL	Manual	Atal Jal-Private
84.	HR_GW_361	Sinh_30566	SINH	Govt. Primary School	30.0744	76.3895	Piezometer	247	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
85.	HR_GW_335	Sultania Kartarpur_30568	Sultania Kartarpur	Govt. Primary School, Sultania Kartarpur	30.0020	76.2694	Piezometer	239	Semi Confined to Confined	0.50	96	0.10	Both	Telemetric	Atal Jal
86.	HR_GW_362	Tatiana_30569	Tatiana	Govt. Senior Secondary School, Tatiana	30.0904	76.3258	Piezometer	243	Semi Confined to Confined	0.50	96	0.10	Both	Telemetric	Atal Jal
87.	GWL-06-066-00505-00030569-001	Tatiana_30569	Tatiana	Phed Tatiana	30.0868	76.3277	Tube Well	247	Semi Confined to Confined	0.10	213	0.30	WL	Manual	Atal Jal-Private
88.	HR_GW_340	Theh Banera_30570	THEH BANERA	Govt. Primary School	30.0282	76.4167	Piezometer	245	Semi-Confined To Confined	0.50	100	0.10	Both	Telemetric	Atal Jal
89.	HR_GW_363	Theh Butana_30571	Theh Butana	Govt. Primary School, Theh Butana	29.9801	76.2620	Piezometer	238	Semi Confined to Confined	0.50	123	0.10	Both	Telemetric	Atal Jal
90.	GWL-06-066-00505-00030571-001	Theh Butana_30571	Thehbutana	Phed Thehbutana	29.9800	76.2595	Tube Well	239	Semi Confined to Confined	0.30	183	0.25	WL	Manual	Atal Jal-Private
91.	HR_GW_341	Theh Mukerian_30572	Theh Mukerian	Govt. Primary School, Theh Mukerian	29.9807	76.3392	Piezometer	235	Semi Confined to Confined	0.50	126	0.10	Both	Telemetric	Atal Jal
92.	GWL-06-066-00505-00030572-001	Theh Mukerian_30572	Theh-Mukerian	Phed Theh-Mukerian	29.9801	76.3389	Tube Well	236	Semi Confined to Confined	0.60	183	0.25	WL	Manual	Atal Jal-Private
93.	HR_GW_364	Theh Newal_30573	THEH NEWAL	Govt. Middle School	29.9939	76.3674	Piezometer	245	Semi-Confined To Confined	0.50	110	0.10	Both	Telemetric	Atal Jal
94.	W294800076224801	Balbehra_30520	Balbahera	Balbahera Pz	30.0221	76.3914	Piezometer	241	Unconfined to Semi Confined	0.50	119	0.10	Both	Telemetric	CGWB
95.	W295906076141801	Majri_30551	MAJRI	Majri-Pz	29.9850	76.2383	Piezometer	237	Unconfined to Semi Confined	0.50	168	0.10	WL	Telemetric	CGWB
96.	Ag_29.992_76.249	Agondh_30516	Agondh	In The Village	29.9917	76.2486	Tube Well	232.05	Unconfined to Semi Confined	0.70	100	0.25	WL	Manual	SGWD
97.	Ba_30.071_76.367	Badsui_30519	Badsui	In The Village	30.0711	76.3666	Tube Well	237.39	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
98.	Ba_30.026_76.392	Balbehra_30520	Balbehra	In The Village	30.0258	76.3918	Tube Well	232.5	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
99.	Ba_30.107_76.374	Baupur_30521	Baopur	In The Village	30.1070	76.3738	Tube Well	242.76	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
100.	Bh_30.064_76.42	Bhagal_30522	Bhagal	In Govt. Sr. Sec. School	30.0638	76.4202	Piezometer	242.8	Unconfined and Confined	0.65	87	0.10	WL	Manual	SGWD
101.	Bh_30.056_76.245	Bhatia_30523	Bhatian (Reported)(P.F.)	In The Village	30.0557	76.2447	Tube Well	235.4	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
102.	Bh_30.099_76.45	Bhunsala_30525	Bhusala	In Govt. Sr. Sec. School	30.0991	76.4498	Piezometer	242.5	Unconfined and Confined	0.65	96	0.10	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
103.	Bi_30.007_76.424	Bichian_30526	Bichhian	In The Village	30.0073	76.4240	Tube Well	241	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
104.	Ch_30.111_76.269	Chaba_30527	Chaba	In The Village	30.1111	76.2687	Tube Well	237	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
105.	Jo_30.151_76.418	Chhanan jattan_30529	Jodwa	In The Village	30.1505	76.4179	Tube Well	242.25	Unconfined and Confined	0.70	80	0.25	WL	Manual	SGWD
106.	Ha_30.06_76.372	Harigarh Kingon_30537	Harigarh Kingan	In Govt. Middle School	30.0601	76.3721	Piezometer	238.75	Unconfined and Confined	0.65	76	0.10	WL	Manual	SGWD
107.	Gu_30.04_76.3	Hemu Majra_30538	Gulha	In Govt. Sr. Sec. School	30.0401	76.3001	Piezometer	238.53	Unconfined and Confined	0.65	96	0.10	WL	Manual	SGWD
108.	Kh_30.07_76.312	Khushal Majra_30547	Khushal Majra	In The Village	30.0702	76.3124	Tube Well	240	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
109.	Ma_30.132_76.233	Mahmoodpur_30550	Mahmudpur	In The Village	30.1317	76.2328	Tube Well	240	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
110.	Ma_29.985_76.238	Majri_30551	Majri	In The Village	29.9855	76.2381	Tube Well	233.25	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
111.	Ma_29.961_76.251	Mastgarh_30553	Mast Garh	In Govt. Primary School	29.9608	76.2507	Piezometer	233.4	Unconfined and Confined	0.65	76	0.10	WL	Manual	SGWD
112.	Pe_30.001_76.343	Peedal_30558	Peedal	In The Village	30.0011	76.3428	Tube Well	238.75	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
113.	Ra_30.118_76.44	Ratta Khera Karam_30560	Ratta Khera Khurana	In The Village	30.1184	76.4401	Tube Well	243	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
114.	Ma_29.98_76.422	Rewar Jagir_30562	Machherheri	In The Village	29.9803	76.4217	Tube Well	236.9	Unconfined and Confined	0.70	90	0.25	WL	Manual	SGWD
115.	Re_30.024_76.386	Rewar Jagir_30562	Rewar	In The Village	30.0238	76.3856	Tube Well	238.5	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
116.	Se_30.046_76.247	Seon Majra_30564	Seo Majra	In The Village	30.0457	76.2472	Tube Well	235	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
117.	Si_30.072_76.384	Sinh_30566	Sinh	In The Village	30.0720	76.3841	Tube Well	240.75	Unconfined and Confined	0.70	100	0.25	WL	Manual	SGWD
118.	Su_30_76.284	Sultania Kartarpur_30568	Sultania	In The Village	30.0002	76.2839	Tube Well	235	Unconfined and Confined	0.70	110	0.25	WL	Manual	SGWD
119.	Ch_30.047_76.331	Cheeka	Cheeka	In Govt. Girls Sr. Sec. School	30.0473	76.3312	Piezometer	238.64	Unconfined and Confined	0.65	82	0.10	WL	Manual	SGWD

ANNEXURE: 2

HISTORICAL WATER LEVEL (WL) DATA OF MONITORING WELLS

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

[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
39	Kharaudi_30545	Atal Jal	Tube Well	30.0080	76.3162	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58.1	57.45	56	57
40	Kharkara_30544	Atal Jal	Piezometer	29.9667	76.2882	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	61	63
41	Kharkara_30544	Atal Jal	Tube Well	29.9659	76.2881	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55.6	56.24	58	64
42	Kheri Daban_30546	Atal Jal	Piezometer	30.0246	76.2329	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	45
43	Kheri Daban_30546	Atal Jal	Tube Well	30.0234	76.2318	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.7	44.4	43	45
44	Khushal Majra_30547	Atal Jal	Piezometer	30.0684	76.3099	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	44
45	Lalpur_30548	Atal Jal	Tube Well	30.0471	76.2738	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	59.3	59.45	60	60
46	Landaheri_30549	Atal Jal	Piezometer	30.1585	76.4031	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	45
47	Landaheri_30549	Atal Jal	Tube Well	30.1591	76.4025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.8	41.6	43	45
48	Mahmoodpur_30550	Atal Jal	Piezometer	30.1323	76.2308	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	45
49	Mangra_30554	Atal Jal	Tube Well	30.1078	76.4150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.8	38.2	39	42
50	Manjheri_245954	Atal Jal	Piezometer	30.1013	76.4324	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	44
51	Manjheri_245954	Atal Jal	Tube Well	30.1010	76.4317	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.2	40.61	41	45
52	Nanakpura_30556	Atal Jal	Tube Well	29.9663	76.3204	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57	57.33	58	58
53	Nandgarh_30555	Atal Jal	Piezometer	30.0501	76.2996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	50
54	Nandgarh_30555	Atal Jal	Tube Well	30.0505	76.2992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	62.6	61.83	60	62
55	Paprala_30557	Atal Jal	Piezometer	30.1356	76.4277	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	44
56	Paprala_30557	Atal Jal	Tube Well	30.1310	76.4246	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57.8	57.78	58	57
57	Ram Nagar_30559	Atal Jal	Tube Well	29.9597	76.3430	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.3	53.69	55	57
58	Ratta Khera Lukman_30561	Atal Jal	Piezometer	30.0828	76.2627	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	43
59	Ratta Khera Lukman_30561	Atal Jal	Tube Well	30.0827	76.2642	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.9	38.74	40	44
60	Samana Malikpur_30552	Atal Jal	Piezometer	30.1214	76.2470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.4	39.1	40	43
61	Sarola_245953	Atal Jal	Piezometer	30.0999	76.2951	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	44
62	Sarola_245953	Atal Jal	Tube Well	30.0998	76.2951	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.5	40.39	40	44
63	Seon Majra_30564	Atal Jal	Piezometer	30.0437	76.2486	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	41
64	Shahid Bhagat Singh_266755	Atal Jal	Tube Well	30.1723	76.4344	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.5	43.05	44	45
65	Sihali_245955	Atal Jal	Piezometer	30.1258	76.4362	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	44
66	Sihali_245955	Atal Jal	Tube Well	30.1255	76.4364	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39	40.04	42	44
67	Sultania Kartarpur_30568	Atal Jal	Piezometer	30.0020	76.2694	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58	62
68	Tatiana_30569	Atal Jal	Piezometer	30.0904	76.3258	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	40
69	Tatiana_30569	Atal Jal	Tube Well	30.0868	76.3277	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57.8	58.1	57	57
70	Theh Butana_30571	Atal Jal	Piezometer	29.9801	76.2620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	63
71	Theh Butana_30571	Atal Jal	Tube Well	29.9800	76.2595	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.7	46.54	49	63
72	Theh Mukerian_30572	Atal Jal	Piezometer	29.9807	76.3392	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51	55
73	Theh Mukerian_30572	Atal Jal	Tube Well	29.9801	76.3389	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.8	49.65	50	54
74	Balbehra_30520	CGWB	Piezometer	30.0221	76.3914	33.1	34	33.5	45.7	34.6	NA	NA	NA	NA	36.8	NA	NA	NA	NA	36.9	43.7	39.9	39.69	42	42.88
75	Majri_30551	CGWB	Piezometer	29.9850	76.2383	NA	NA	NA	NA	NA	NA	50	52.1	NA	51.7	49.6	54.2	51.6	53.5	52.3	52.6	56.2	NA	53	66.75
76	Agondh_30516	SGWD	Tube Well	29.9917	76.2486	41.3	42	43.2	45.1	45.2	46.3	47.1	49	49.1	51	48.1	49	48.8	49.1	50	50.1	48.5	58.15	53	58
77	Badsui_30519	SGWD	Tube Well	30.0711	76.3666	28.7	31	36.7	32.5	35.5	33.1	34.3	36.1	36.3	38.1	38	39.1	39.1	39.8	40.9	41.3	39.5	45.6	42	44
78	Balbehra_30520	SGWD	Tube Well	30.0258	76.3918	33.1	34	33.7	32.8	36	37.6	37.5	39.2	39.2	39.9	39.4	41.6	41.6	42.1	43.5	43.7	42.2	42.85	42	43
79	Baupur_30521	SGWD	Tube Well	30.1070	76.3738	27.6	30	29.6	30.2	31.3	32.7	33.6	35.3	35.6	37.4	35.5	36.4	37.4	38.1	39.1	39.4	37.9	41.08	42	40
80	Bhagal_30522	SGWD	Piezometer	30.0638	76.4202	27.7	30	29.7	31.6	31.6	32.4	33.3	35.3	35.4	37.4	36.3	38.7	37.2	38.2	38.7	39.1	37.2	38.5	39	40
81	Bhatia_30523	SGWD	Tube Well	30.0557	76.2447	28.8	31	30.8	NA	32.7	34.4	34.6	36.4	36.8	38.6	38.6	40.4	40.7	41.1	40.2	40.5	40.2	41.35	40	41
82	Bhunsla_30525	SGWD	Piezometer	30.0991	76.4498	29.5	32	31.4	31.7	33.7	35.6	35.2	37.2	37.1	38.7	38	40.2	38.3	40.2	40.2	41.9	40.2	42	41	42
83	Bichian_30526	SGWD	Tube Well	30.0073	76.4240	25.6	28	27.6	27.1	29.5	30.6	30.9	32.7	33.1	34.5	34.4	34.5	35	35.5	36.4	37	35.3	39.15	37	39

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
84	Chaba_30527	SGWD	Tube Well	30.1111	76.2687	32.1	35	34.1	35.2	35.9	36.9	37.6	39.4	40.3	40.2	40.1	42.2	42.1	42.5	43.4	43.6	42.4	43	43	43
85	Chhanan jattan_30529	SGWD	Tube Well	30.1505	76.4179	31.9	33	33.7	33	35.4	36.8	37.7	39.5	39.8	40.8	40.1	40.1	38.2	38.8	39	39.5	39.4	41.2	41	42
86	Harigarh Kingon_30537	SGWD	Piezometer	30.0601	76.3721	33.1	35	35	36.2	36.9	38.8	38.7	40.7	40.5	40	39.2	40.6	39.2	40.7	40.8	41.3	39.9	41.4	42	43
87	Hemu Majra_30538	SGWD	Piezometer	30.0401	76.3001	38.3	41	40.2	42.1	42.5	43.6	44.3	46.5	46.4	47.6	46.6	48.7	46.7	48.2	47.3	48	47.4	48.2	44	45
88	Khushal Majra_30547	SGWD	Tube Well	30.0702	76.3124	31.9	35	33.9	35.8	35.8	37.1	38	39.8	39.9	41.5	41.2	43.1	42.1	43.3	43.5	44.1	42.6	42.72	43	43
89	Mahmoodpur_30550	SGWD	Tube Well	30.1317	76.2328	33.6	35	34	34.6	36	36.9	37.8	39.6	39.2	40.6	40.5	41.1	41	41.6	42.9	43.3	41.8	44.25	43	45
90	Majri_30551	SGWD	Tube Well	29.9855	76.2381	42.9	46	44.8	46.6	46.7	47.8	48.7	50.5	50.7	52.7	51.7	51.8	50.8	51.8	52.4	52.5	51.4	52.6	53	53
91	Mastgarh_30553	SGWD	Piezometer	29.9608	76.2507	50.5	53	52.4	54.2	54.4	56.4	56.2	58.2	58.1	60	58.6	58.9	57.2	58.1	57.9	59.8	57.9	58.3	60	60
92	Peedal_30558	SGWD	Tube Well	30.0011	76.3428	40.3	42	41.6	43.3	43.3	44.4	45	46.9	47.1	47.4	47.4	48.2	48.2	48.9	49.8	50	48.2	52.32	51	54
93	Ratta Khera Karam_30560	SGWD	Tube Well	30.1184	76.4401	30.2	32	32.2	32.1	34.2	35.1	36	37.8	38	38.3	39	40.2	40.3	40.4	41.2	40.8	41.1	42	43	44
94	Rewar Jagir_30562	SGWD	Tube Well	29.9803	76.4217	23.9	25	25.9	27	27.8	29.2	29.4	31.2	31.4	31.5	31.4	32.9	33.3	34.2	35.2	35.4	34	35	35	36
95	Rewar Jagir_30562	SGWD	Tube Well	30.0238	76.3856	31.4	33	33	33.7	35.2	36.2	36.9	38.6	38.6	37.1	38.4	37.4	37.4	37.6	38	38.9	38.1	43.2	42	44
96	Seon Majra_30564	SGWD	Tube Well	30.0457	76.2472	30.7	32	32.7	34.6	35	35.8	36.8	38.6	38.8	40.6	40	40.3	39.9	40.8	40.8	41.8	40.6	41.5	41	41
97	Sinh_30566	SGWD	Tube Well	30.0720	76.3841	31.4	33	33.2	34.7	35.3	36	37	38.8	39	37.5	38.8	38.2	38	38.1	39.1	39	38	43.15	40	43
98	Sultania Kartarpur_30568	SGWD	Tube Well	30.0002	76.2839	47.5	49	49.5	50.2	51.5	52.3	53.3	55	55.1	56.9	56	56.1	54.4	55	55.1	55.2	54.8	50.4	52	60
99	Cheeka	SGWD	Piezometer	30.0473	76.3312	40.3	42	42.2	43.8	44	43	45.8	47.3	47.8	47.4	46.9	48.6	46.9	47.1	48.3	47.8	46.8	48.2	48	48

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

State	Haryana				District	Kaithal						Block				Gulha				
Month of Collection of sample for WQ monitoring*															June					
Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃	
Agondh_30516	Atal Jal	Pizeometer	29.9921	76.2508	2024	7.73	1052	612	282.2	71.58	25.13	63	7	1.287	253.7	89.19	121.6	0.76	16	
Azimgarh_30517	Atal Jal	Piezometer	30.1432	76.2176	2023	8.16	802	529.6	262.2	68.8	22.58	100	15	0.0	217.4	27.47	147.3	0.52	18	
Azimgarh_30517	Atal Jal	Piezometer	30.1432	76.2176	2024	7.29	706	417	188.2	48.98	15.99	43	5	0.3	169.7	60.7	81.71	0.52	11.05	
Badsui_30519	Atal Jal	Pizeometer	30.0709	76.3637	2024	6.67	928	590	272.8	67.81	25.13	61	7	0.108	244.9	85.97	115.9	0.73	15.45	
Balbehra_30520	Atal Jal	Tube well	30.0259	76.3882	2024	8.26	1384	843	504.4	126.3	45.93	95	13	0.935	405.1	79.55	306.4	0.79	21.8	
Balbera	CGWB	Tube Well	30.0248	76.3946	2015	8.65	1920	ND	236.0	16.0	47.0	332.0	12.0	70.0	392.7	135.0	256.0	0.50	50.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2016	Sample not collected from this location														
Balbera	CGWB	Tube Well	30.0248	76.3946	2017	8.28	960	ND	220.0	16.0	44.0	145.0	7.3	0.0	464.0	55.0	71.0	0.78	6.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2018	8.16	850	ND	220.0	8.0	49.0	100.0	7.3	0.0	391.0	45.0	50.0	0.62	9.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2019	8.96	1502	ND	200.0	120.0	41.0	271.0	1.8	120.0	476.0	4.8	121.0	0.05	21.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2020	Sample not collected from this location														
Balbera	CGWB	Tube Well	30.0248	76.3946	2021	8.88	1522	ND	274.0	13.2	58.6	220.0	8.0	108.0	419.2	27.0	146.6	0.59	22.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2022	8.76	1470	ND	270.0	14.0	57.1	217.0	7.2	72.0	429.0	136.0	71.0	0.52	18.00	
Balbera	CGWB	Tube Well	30.0248	76.3946	2023	8.95	1530	ND	250.0	28.0	43.8	249.9	9.7	48.0	610.0	0.0	156.2	0.10	22.19	
Balbera	CGWB	Tube Well	30.0248	76.3946	2024	8.56	1220	0	180.1	12.02	36.48	190	8	72	378.3	BDL	99.26	0.9	16	
Baupur_30521	Atal Jal	Piezometer	30.107	76.3793	2023	8.05	1109	690.9	297.1	82.9	21.28	125	25	0.0	256.9	33.85	230.4	1.48	25.56	
Baupur_30521	Atal Jal	Piezometer	30.107	76.3793	2024	7.36	1006	584	263.4	67.81	22.85	60	7	0.5	239.5	85.11	115.9	0.72	15.3	
Bhagal_30522	Atal Jal	Tube well	30.0651	76.4184	2024	8.28	832	513	304.7	75.75	28.07	58	8	0.442	246.6	48.37	190.2	0.48	14.04	
Bhatia_30523	Atal Jal	Pizeometer	30.0597	76.244	2024	7.29	1208	706	319.9	82.88	27.42	73	8	0.532	289.5	102.9	138.7	0.87	18.4	
Bhuna_30524	Atal Jal	Tube well	29.974	76.3121	2024	8.22	1105	617	367.8	92.58	33.18	69	10	1.834	295.3	58.26	232.4	0.58	16.5	
Bhunsla_30525	Atal Jal	Tube well	30.0993	76.4497	2024	7.02	728	447	262.7	67.33	22.97	50	7	1.033	214.2	42.24	169	0.42	12.52	
Bichian_30526	Atal Jal	Piezometer	30.0079	76.4256	2023	8.37	913	621.8	267.4	74.6	19.94	115	20	0.0	232.2	30.44	206.6	1.6	22.99	
Bichian_30526	Atal Jal	Piezometer	30.0079	76.4256	2024	7.87	872	498	225.8	56.51	20.56	51	6	1.4	203.5	72.53	98.81	0.62	13.1	
Chaba_30527	Atal Jal	Tube well	30.1107	76.2688	2024	7.49	1175	701	420.3	105.2	38.28	79	11	0.491	337.1	66.22	264.1	0.66	18.42	
Chanchak_30528	Atal Jal	Tube well	30.0315	76.2556	2024	8.13	1104	678	409.8	101	38.28	76	11	17.49	308.8	63.96	253.5	0.64	17.92	
Chhanan jattan_30529	Atal Jal	Tube well	30.1504	76.4177	2024	8.57	853	522	315.3	75.75	30.62	59	8	0.059	251.4	49.23	190.2	0.49	14.24	
Daba_30530	Atal Jal	Tube well	30.0988	76.2837	2024	8.92	986	627	378.3	92.58	35.73	70	10	0.265	301.7	59.23	232.4	0.59	16.7	
Dandota_30531	Atal Jal	Pizeometer	30.0868	76.3802	2024	8.08	1258	798	366.9	94.18	31.99	82	9	3.729	326.3	116.2	157.7	0.99	20.7	
Dera Bazigar_30532	Atal Jal	Piezometer	30.0619	76.3526	2023	8.38	1116	676.4	290.9	81.2	21.27	125	20	0.0	251.9	33.08	225.6	1.43	25.01	
Dera Bazigar_30532	Atal Jal	Piezometer	30.0619	76.3526	2024	7.53	1048	624	282.2	71.58	25.13	64	7	0.8	259.2	90.91	123.5	0.77	16.3	
Dera Gobind Singh Nagar_265388	Atal Jal	Tube well	30.1534	76.2152	2024	8.52	809	468	283.7	67.33	28.07	53	7	1.213	224.2	44.17	169	0.44	13.02	
Duserpur_30533	Atal Jal	Pizeometer	30.0303	76.2649	2024	8.12	972	535	244.6	60.28	22.85	55	6	2.726	217.2	77.9	106.4	0.66	14.05	
Gaggarpur_30534	Atal Jal	Pizeometer	30.1317	76.4094	2024	8.25	1900	1081	498.6	124.3	45.7	112	12	7.439	437.6	169.1	212.8	1.35	27.95	
Garhi Nazir_30535	Atal Jal	Pizeometer	30.1283	76.2043	2024	7.83	574	333	150.5	37.67	13.71	34	4	0.858	134.1	48.55	66.5	0.42	8.9	
Gurunanak Nagar_266752	Atal Jal	Tube well	30.1601	76.4226	2024	7.08	803	459	273.2	67.33	25.52	52	7	0.924	220.1	43.31	169	0.43	12.82	
Hansu Majra_30536	Atal Jal	Pizeometer	30.0018	76.2233	2024	8.02	1501	907	413.9	105.5	36.55	94	10	3.691	371.3	143.3	178.6	1.13	23.5	
Harigarh Kingon_30537	Atal Jal	Tube well	30.0607	76.3753	2024	8.4	1251	726	430.8	105.2	40.83	82	11	19.99	329.4	68.47	264.1	0.68	19.04	
Hemu Majra_30538	Atal Jal	Tube well	30.0458	76.2737	2024	7	2556	1605	956.3	235.7	89.32	180	25	1.661	771.4	153.5	591.6	1.52	39.64	
Kasouli_30541	Atal Jal	Pizeometer	30.1189	76.4165	2024	7.88	1318	749	348.1	86.65	31.99	77	8	2.21	307.8	109.1	148.2	0.93	19.5	
Kemheri_30540	Atal Jal	Tube well	30.1325	76.3555	2024	8.98	943	565	336.3	84.16	30.63	63	9	0.28	271.8	53.31	211.3	0.53	15.26	
Khambhera_30542	Atal Jal	Tube well	30.0999	76.3108	2024	7.89	1415	832	493.9	122	45.93	93	13	1.6	399.1	78.58	306.4	0.78	21.48	

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
Kharal_30543	Atal Jal	Pizeometer	30.0896	76.3583	2024	8.59	1444	817	376.3	94.18	34.27	84	9	12.25	323	119	161.5	1.01	21.2
Kharaudi_30545	Atal Jal	Pizeometer	30.0148	76.3209	2024	7.5	1022	657	301	75.35	27.41	68	7	0.803	269.2	95.65	129.2	0.82	17.15
Kharkara_30544	Atal Jal	Pizeometer	29.9667	76.2882	2024	8.29	1249	809	366.9	94.18	31.99	83	9	6.14	328.9	117.8	159.6	1.01	21
Kheri Daban_30546	Atal Jal	Pizeometer	30.0246	76.2329	2024	7.69	1194	736	338.7	86.65	29.7	76	8	1.404	303.6	107.2	144.4	0.91	19.15
Khushal Majra_30547	Atal Jal	Pizeometer	30.0684	76.3099	2024	8.05	1379	761	348.1	86.65	31.99	79	9	3.322	311.7	110.8	150.1	0.94	19.8
Lalpur_30548	Atal Jal	Tube well	30.0465	76.2837	2024	8.21	2547	1490	893.2	218.8	84.21	167	23	11.8	705.8	142.8	549.3	1.41	37
Landaheri_30549	Atal Jal	Pizeometer	30.1585	76.4031	2024	7.52	1039	655	301	75.35	27.41	68	7	0.84	269.1	95.43	129.2	0.81	17.1
Mahmoodpur_30550	Atal Jal	Pizeometer	30.1323	76.2308	2024	7.21	712	422	197.6	48.98	18.28	44	5	0.267	174.7	61.45	83.61	0.53	11.15
Majri_30551	Atal Jal	Tube well	29.9799	76.2373	2024	7.77	1112	667	399.3	96.79	38.28	75	10	0.105	321.2	62.99	243	0.63	17.62
Mangra_30554	Atal Jal	Tube well	30.1077	76.415	2024	7.05	1022	576	346.8	84.16	33.18	65	9	6.254	271.1	54.39	211.3	0.54	15.48
Manjheri_245954	Atal Jal	Pizeometer	30.1013	76.4324	2024	7.66	1345	824	376.3	94.18	34.27	85	9	1.461	338.5	120.1	163.4	1.02	21.4
Mastgarh_30553	Atal Jal	Tube well	29.961	76.2483	2024	8.39	1076	652	388.8	96.79	35.73	73	10	19.57	294.1	61.59	243	0.62	17.3
Nanakpura_30556	Atal Jal	Tube well	29.9643	76.3204	2024	8.76	785	487	294.2	71.54	28.07	55	8	10.09	224.2	46	179.6	0.46	13.44
Nandgarh_30555	Atal Jal	Pizeometer	30.0501	76.2996	2024	7.72	1294	798	366.9	94.18	31.99	82	9	1.628	328.4	116.2	157.7	0.99	20.7
Paprala_30557	Atal Jal	Pizeometer	30.1356	76.4277	2024	6.93	990	608	282.2	71.58	25.13	63	7	0.2	249.8	88.55	119.7	0.76	15.9
Peedal_30558	Atal Jal	Pizeometer	29.9958	76.342	2024	6.82	323	177	84.67	18.84	9.14	18	2	0.047	74.95	25.75	34.2	0.22	4.95
Ram Nagar_30559	Atal Jal	Tube well	29.9572	76.3552	2024	8.43	1199	733	441.4	109.4	40.83	82	11	13.01	339.8	69.23	274.7	0.69	19.24
Ratta Khera Karam_30560	Atal Jal	Piezometer	30.119	76.4396	2023	8.26	1093	727.3	312.7	87.3	22.6	135	25	0.0	271.7	35.6	242.3	1.32	26.91
Ratta Khera Karam_30560	Atal Jal	Piezometer	30.119	76.4396	2024	7.91	1061	671	310.5	79.11	27.42	69	8	2.1	272.9	97.69	133	0.83	17.5
Ratta Khera Lukman_30561	Atal Jal	Pizeometer	30.0828	76.2627	2024	7.83	1018	614	282.2	71.58	25.13	63	7	1.621	253.4	89.41	121.6	0.76	16.05
Rewar Jagir_30562	Atal Jal	Piezometer	30.0034	76.391	2023	8.31	2290	1565	673	187.8	49.19	290	50	0.0	578.0	76.59	520.2	1.42	57.9
Rewar Jagir_30562	Atal Jal	Piezometer	30.0034	76.391	2024	8.15	2070	1289	592.7	150.7	52.55	133	14	7.0	523.0	199.2	254.6	1.6	34.8
Samana Malikpur_30552	Atal Jal	Pizeometer	30.1227	76.2477	2024	7.95	1226	751	348.1	86.65	31.99	77	8	2.597	307.4	109.4	148.2	0.93	19.5
Sarakpur_30563	Atal Jal	Piezometer	30.1121	76.4506	2023	8.04	1139	698.5	300.4	83.8	22.6	130	25	0.0	261.8	34.18	232.8	1.28	25.83
Sarakpur_30563	Atal Jal	Piezometer	30.1121	76.4506	2024	7.88	1100	634	291.6	75.35	25.13	65	7	1.9	258.1	92.31	125.4	0.79	16.55
Sarola_245953	Atal Jal	Pizeometer	30.0999	76.2951	2024	7.62	608	348	159.9	41.44	13.71	36	4	0.568	144.4	50.7	68.4	0.43	9.25
Seon Majra_30564	Atal Jal	Pizeometer	30.0437	76.2486	2024	7.9	1530	965	442.2	113	38.84	100	11	2.987	397	151.9	190	1.2	25
Shadipur_30565	Atal Jal	Piezometer	30.1122	76.2392	2023	8.2	868	575.9	285.1	74.9	23.91	110	20	0.0	237.1	29.89	159.1	0.71	19.58
Shadipur_30565	Atal Jal	Piezometer	30.1122	76.2392	2024	7.65	803	468	216.4	52.74	20.56	48	5	0.8	194.2	68.12	93.11	0.58	12.35
Shahid Bhagat Singh_266755	Atal Jal	Tube well	30.1661	76.4342	2024	7.02	935	567	336.3	84.16	30.63	64	9	0.059	273	53.53	211.3	0.53	15.26
Sihali_245955	Atal Jal	Pizeometer	30.1258	76.4362	2024	7.14	1576	913	423.3	105.5	38.84	94	10	0.487	374.5	144.4	180.5	1.13	23.65
Sinh_30566	Atal Jal	Piezometer	30.0744	76.3895	2023	8.29	1228	657.8	282.9	78.9	19.95	120	20	0.0	247.0	32.2	218.5	1.83	24.33
Sinh_30566	Atal Jal	Piezometer	30.0744	76.3895	2024	8	1147	663	301	75.35	27.41	68	7	2.6	272.4	96.61	131.1	0.83	17.3
Sultania Kartarpur_30568	Atal Jal	Pizeometer	30.002	76.2694	2024	7.66	1609	909	413.9	105.5	36.55	94	10	1.611	373.4	143.8	178.6	1.13	23.55
Tatiana_30569	Atal Jal	Pizeometer	30.0904	76.3258	2024	7.76	643	387	178.7	45.21	15.99	40	4	0.865	159.1	56.4	76	0.48	10.25
Theh Banera_30570	Atal Jal	Piezometer	30.0282	76.4167	2023	8.64	1038	677.7	291.4	81.3	21.27	125	20	0.0	251.9	33.19	225.6	1.33	25.06
Theh Banera_30570	Atal Jal	Piezometer	30.0282	76.4167	2024	8.41	999	585	272.8	67.81	25.13	60	7	5.8	234.2	85.22	115.9	0.72	15.3
Theh Butana_30571	Atal Jal	Pizeometer	29.9801	76.262	2024	8.21	924	553	254	64.04	22.85	57	6	3.506	226.5	80.59	108.3	0.68	14.5
Theh Mukerian_30572	Atal Jal	Pizeometer	29.9807	76.3392	2024	6.82	742	464	216.4	52.74	20.56	48	5	0.118	189.9	67.58	91.21	0.57	12.25
Theh Newal_30573	Atal Jal	Piezometer	29.9939	76.3674	2023	8.14	2570	1700	730.8	204	54.5	315	55	0.0	627.4	83.19	562.9	1.74	62.88
Theh Newal_30573	Atal Jal	Piezometer	29.9939	76.3674	2024	7.74	2364	1490	686.8	173.3	61.69	154	17	3.2	611.8	228.3	294.5	1.85	40

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
Kaithal_66	Guhla_505	SGWB	Agondh	29.9917	76.2486	500	600	700	700	900
Kaithal_66	Guhla_505	Atal Jal	Agondh_30516	29.9921	76.2508	ND	ND	ND	ND	1052
Kaithal_66	Guhla_505	Atal Jal	Azimgarh_30517	30.1432	76.2176	ND	ND	ND	802	706

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
Kaithal_66	Guhla_505	SGWB	Badsui	30.0711	76.3666	800	800	800	1000	1000
Kaithal_66	Guhla_505	Atal Jal	Badsui_30519	30.0709	76.3637	ND	ND	ND	ND	928
Kaithal_66	Guhla_505	SGWB	Balbehra	30.0258	76.3918	750	800	800	1000	1000
Kaithal_66	Guhla_505	Atal Jal	Balbehra_30520	30.0259	76.3882	ND	ND	ND	ND	1384
Kaithal_66	Guhla_505	SGWB	Baopur	30.107	76.3738	1300	1300	1200	900	1000
Kaithal_66	Guhla_505	Atal Jal	Baupur_30521	30.107	76.3793	ND	ND	ND	1109	1006
Kaithal_66	Guhla_505	SGWB	Bhagal	30.0638	76.4202	750	700	700	900	900
Kaithal_66	Guhla_505	Atal Jal	Bhagal_30522	30.0651	76.4184	ND	ND	ND	ND	832
Kaithal_66	Guhla_505	Atal Jal	Bhatia_30523	30.0597	76.244	ND	ND	ND	ND	1208
Kaithal_66	Guhla_505	SGWB	Bhatian (Reported)	30.0557	76.2447	700	700	800	800	900
Kaithal_66	Guhla_505	SGWB	Bhuna	29.9781	76.3142	1100	1000	1000	900	800
Kaithal_66	Guhla_505	Atal Jal	Bhuna_30524	29.974	76.3121	ND	ND	ND	ND	1105
Kaithal_66	Guhla_505	Atal Jal	Bhunsla_30525	30.0993	76.4497	ND	ND	ND	ND	728
Kaithal_66	Guhla_505	SGWB	Bhusala	30.0991	76.4498	600	600	600	800	900
Kaithal_66	Guhla_505	SGWB	Bichhian	30.0073	76.424	950	1000	1000	900	1000
Kaithal_66	Guhla_505	Atal Jal	Bichian_30526	30.0079	76.4256	ND	ND	ND	913	872
Kaithal_66	Guhla_505	SGWB	Chaba	30.1111	76.2688	550	500	700	900	900
Kaithal_66	Guhla_505	Atal Jal	Chaba_30527	30.1107	76.2688	ND	ND	ND	ND	1175
Kaithal_66	Guhla_505	Atal Jal	Chanchak_30528	30.0315	76.2556	ND	ND	ND	ND	1104
Kaithal_66	Guhla_505	SGWB	Cheeka	30.0473	76.3312	700	700	800	800	900
Kaithal_66	Guhla_505	Atal Jal	Chhanan jattan_30529	30.1504	76.4177	ND	ND	ND	ND	853
Kaithal_66	Guhla_505	Atal Jal	Daba_30530	30.0988	76.2837	ND	ND	ND	ND	986
Kaithal_66	Guhla_505	Atal Jal	Dandota_30531	30.0868	76.3802	ND	ND	ND	ND	1258
Kaithal_66	Guhla_505	Atal Jal	Dera Bazigar_30532	30.0619	76.3526	ND	ND	ND	1116	1048
Kaithal_66	Guhla_505	Atal Jal	Dera Gobind Singh Nagar_265388	30.1534	76.2152	ND	ND	ND	ND	809
Kaithal_66	Guhla_505	Atal Jal	Duserpur_30533	30.0303	76.2649	ND	ND	ND	ND	972
Kaithal_66	Guhla_505	Atal Jal	Gaggarpur_30534	30.1317	76.4094	ND	ND	ND	ND	1900
Kaithal_66	Guhla_505	Atal Jal	Garhi Nazir_30535	30.1283	76.2043	ND	ND	ND	ND	574
Kaithal_66	Guhla_505	SGWB	Gulha	30.0401	76.3001	850	1000	1000	900	900
Kaithal_66	Guhla_505	Atal Jal	Gurunanak Nagar_266752	30.1601	76.4226	ND	ND	ND	ND	803
Kaithal_66	Guhla_505	Atal Jal	Hansu Majra_30536	30.0018	76.2233	ND	ND	ND	ND	1501
Kaithal_66	Guhla_505	Atal Jal	Harigarh Kingon_30537	30.0607	76.3753	ND	ND	ND	ND	1251
Kaithal_66	Guhla_505	SGWB	HarigarhKingan	30.0601	76.3721	850	800	900	1900	1000
Kaithal_66	Guhla_505	Atal Jal	Hemu Majra_30538	30.0458	76.2737	ND	ND	ND	ND	2556
Kaithal_66	Guhla_505	SGWB	Jodwa	30.1505	76.4179	500	800	800	1100	1000
Kaithal_66	Guhla_505	Atal Jal	Kasouli_30541	30.1189	76.4165	ND	ND	ND	ND	1318
Kaithal_66	Guhla_505	Atal Jal	Kemheri_30540	30.1325	76.3555	ND	ND	ND	ND	943
Kaithal_66	Guhla_505	Atal Jal	Khambhera_30542	30.0999	76.3108	ND	ND	ND	ND	1415
Kaithal_66	Guhla_505	Atal Jal	Kharal_30543	30.0896	76.3583	ND	ND	ND	ND	1444
Kaithal_66	Guhla_505	Atal Jal	Kharaudi_30545	30.0148	76.3209	ND	ND	ND	ND	1022
Kaithal_66	Guhla_505	Atal Jal	Kharkara_30544	29.9667	76.2882	ND	ND	ND	ND	1249
Kaithal_66	Guhla_505	Atal Jal	Kheri Daban_30546	30.0246	76.2329	ND	ND	ND	ND	1194
Kaithal_66	Guhla_505	Atal Jal	Khushal Majra_30547	30.0684	76.3099	ND	ND	ND	ND	1379
Kaithal_66	Guhla_505	SGWB	KhushalMajra	30.0702	76.3124	700	600	600	800	700
Kaithal_66	Guhla_505	Atal Jal	Lalpur_30548	30.0465	76.2837	ND	ND	ND	ND	2547
Kaithal_66	Guhla_505	Atal Jal	Landaheri_30549	30.1585	76.4031	ND	ND	ND	ND	1039

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
Kaithal_66	Guhla_505	SGWB	Machherheri	29.9803	76.4217	450	600	800	700	800
Kaithal_66	Guhla_505	Atal Jal	Mahmoodpur_30550	30.1323	76.2308	ND	ND	ND	ND	712
Kaithal_66	Guhla_505	SGWB	Mahmudpur	30.1317	76.2328	500	500	700	600	800
Kaithal_66	Guhla_505	SGWB	Majri	29.9855	76.2381	550	700	700	700	800
Kaithal_66	Guhla_505	Atal Jal	Majri_30551	29.9799	76.2373	ND	ND	ND	ND	1112
Kaithal_66	Guhla_505	Atal Jal	Mangra_30554	30.1077	76.415	ND	ND	ND	ND	1022
Kaithal_66	Guhla_505	Atal Jal	Manjheri_245954	30.1013	76.4324	ND	ND	ND	ND	1345
Kaithal_66	Guhla_505	SGWB	Mast Garh	29.9608	76.2507	450	400	600	800	800
Kaithal_66	Guhla_505	Atal Jal	Mastgarh_30553	29.961	76.2483	ND	ND	ND	ND	1076
Kaithal_66	Guhla_505	Atal Jal	Nanakpura_30556	29.9643	76.3204	ND	ND	ND	ND	785
Kaithal_66	Guhla_505	Atal Jal	Nandgarh_30555	30.0501	76.2996	ND	ND	ND	ND	1294
Kaithal_66	Guhla_505	Atal Jal	Paprala_30557	30.1356	76.4277	ND	ND	ND	ND	990
Kaithal_66	Guhla_505	SGWB	Peedal	30.0011	76.3428	1000	1300	1400	1300	1300
Kaithal_66	Guhla_505	Atal Jal	Peedal_30558	29.9958	76.342	ND	ND	ND	ND	323
Kaithal_66	Guhla_505	Atal Jal	Ram Nagar_30559	29.9572	76.3552	ND	ND	ND	ND	1199
Kaithal_66	Guhla_505	Atal Jal	Ratta Khera Karam_30560	30.119	76.4396	ND	ND	ND	1093	1061
Kaithal_66	Guhla_505	Atal Jal	Ratta Khera Lukman_30561	30.0828	76.2627	ND	ND	ND	ND	1018
Kaithal_66	Guhla_505	SGWB	RattaKheraKhurana	30.1184	76.4401	550	500	700	800	1000
Kaithal_66	Guhla_505	SGWB	Rewar	30.0238	76.3856	1550	1700	1600	1400	1300
Kaithal_66	Guhla_505	Atal Jal	Rewar Jagir_30562	30.0034	76.391	ND	ND	ND	2290	2070
Kaithal_66	Guhla_505	Atal Jal	Samana Malikpur_30552	30.1227	76.2477	ND	ND	ND	ND	1226
Kaithal_66	Guhla_505	Atal Jal	Sarakpur_30563	30.1121	76.4506	ND	ND	ND	1139	1100
Kaithal_66	Guhla_505	Atal Jal	Sarola_245953	30.0999	76.2951	ND	ND	ND	ND	608
Kaithal_66	Guhla_505	SGWB	SeoMajra	30.0457	76.2472	900	900	1000	900	800
Kaithal_66	Guhla_505	Atal Jal	Seon Majra_30564	30.0437	76.2486	ND	ND	ND	ND	1530
Kaithal_66	Guhla_505	Atal Jal	Shadipur_30565	30.1122	76.2392	ND	ND	ND	868	803
Kaithal_66	Guhla_505	Atal Jal	Shahid Bhagat Singh_266755	30.1661	76.4342	ND	ND	ND	ND	935
Kaithal_66	Guhla_505	Atal Jal	Sihali_245955	30.1258	76.4362	ND	ND	ND	ND	1576
Kaithal_66	Guhla_505	SGWB	Sinh	30.072	76.3841	650	900	800	700	1000
Kaithal_66	Guhla_505	Atal Jal	Sinh_30566	30.0744	76.3895	ND	ND	ND	1228	1147
Kaithal_66	Guhla_505	SGWB	Sultania	30.0002	76.2839	700	600	700	1100	900
Kaithal_66	Guhla_505	Atal Jal	Sultania Kartarpur_30568	30.002	76.2694	ND	ND	ND	ND	1609
Kaithal_66	Guhla_505	Atal Jal	Tatiana_30569	30.0904	76.3258	ND	ND	ND	ND	643
Kaithal_66	Guhla_505	Atal Jal	Theh Banera_30570	30.0282	76.4167	ND	ND	ND	1038	999
Kaithal_66	Guhla_505	Atal Jal	Theh Butana_30571	29.9801	76.262	ND	ND	ND	ND	924
Kaithal_66	Guhla_505	Atal Jal	Theh Mukerian_30572	29.9807	76.3392	ND	ND	ND	ND	742
Kaithal_66	Guhla_505	Atal Jal	Theh Newal_30573	29.9939	76.3674	ND	ND	ND	2570	2364