

ATAL BHUJAL YOJANA (AtalJal)

State : HARYANA

**Department : IRRIGATION & WATER
RESOURCE DEPARTMENT**

BLOCK : Mahendragarh

DISTRICT : Mahendragarh

YEAR : 2024-2025

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

HYDROGEOLOGICAL REPORT

(YEAR: 2024-25)

STATE	:	Haryana
DISTRICT	:	Mahendragarh
BLOCK	:	Mahendragarh
BLOCK HQ	:	Mahendragarh

A	GENERAL INFORMATION				
1.	Geographical Area	:	38205		
2.	No. of Gram Panchayat	:	63		
3.	No. of Towns	:	1		
4.	No. of Villages	:	71		
5.	Population (Census 2011)	:	Male	Female	Total
		:	78260	70941	149201
6.	Rainfall (mm) (2023)	:	Monsoon	Non-Monsoon	Annual
		:	326	324	649
7.	River Basin	:	Yamuna river basin		
8.	Major Soil Type	:	Sandy Soil		

B	LAND USE (2023-24)				
1.	Forest Area (Ha)	:	316		
2.	Culturable Area (Ha)	:	29022		
3.	Net sown Area (Ha)	:	27379		
4.	Gross Cropping Area (Ha)	:	53013		

C	CROPPING PATTERN (As in 2023-24)				
1.	Major Crops grown	:	Kharif	Rabi	Summer
		:	Bajra	Wheat	Pulses
		:	Gawar	Mustard	Tomato
		:	Cotton	Oilseeds	Vegetable
				Perennial	NA

D	IRRIGATION FACILITIES (As in 2023-24)				
1.	Net Irrigation Area (Ha)	:	26470		
2.	Gross irrigated area (Ha)	:	32261		
3.	Area under irrigation (Ha) source wise	:	DW	BW/TW	Tanks/Ponds
		:	0	24357	0
				Canals	Others
				1971	0

E	GEOLOGY & HYDROGEOLOGY				
1.	Predominant Rock type	:	Fine sand with silt (Aeolian formation), Quartzite, Phyllite, Schist		
2.	Major Geological Formation	:	Newer Alluvium and Alwar group/ formation		
3.	Important water bearing formation	:	Coarse grain sand& fractured/jointed rocks		
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		
		1	2	0	3	5	4	105	114		
2	Monitoring mechanism (Nos.)	:	Manual			DWLR			Telemetry		
		CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	CGWB	SGWB	Atal Jal	
		6	6	87	0	0	18	0	0	18	
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)		17.98/Nanagwas_31619				242.1/Pal_31626				
	Post-monsoon (Oct/Nov 2024)		14.01/Daroli Jat_31582				238.05/Pal_31626				
6	Seasonal WL fluctuation range (m)	:	Minimum/ Village				Maximum/ Village				
		-1.5/Kurhawata_31611				7.74/Bucholi_31576					

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
		1	2	0	3	4	5	61	70
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							

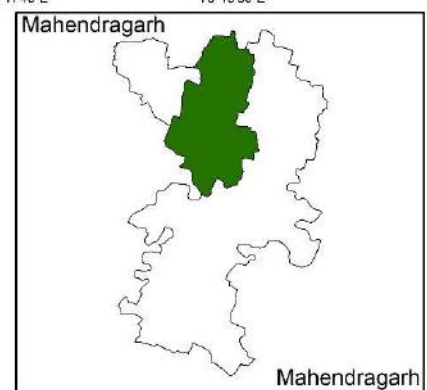
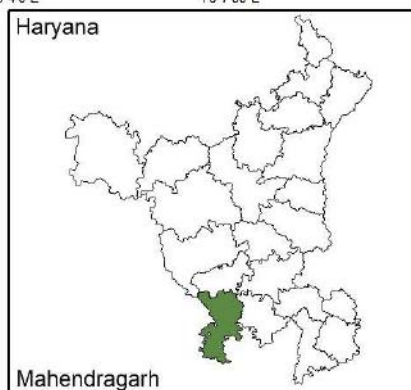
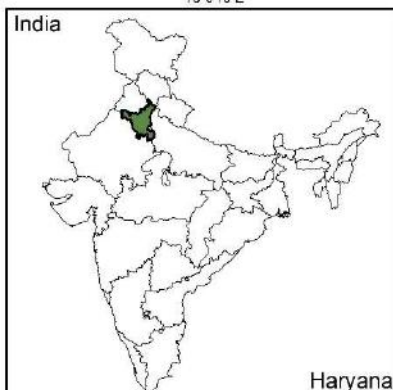
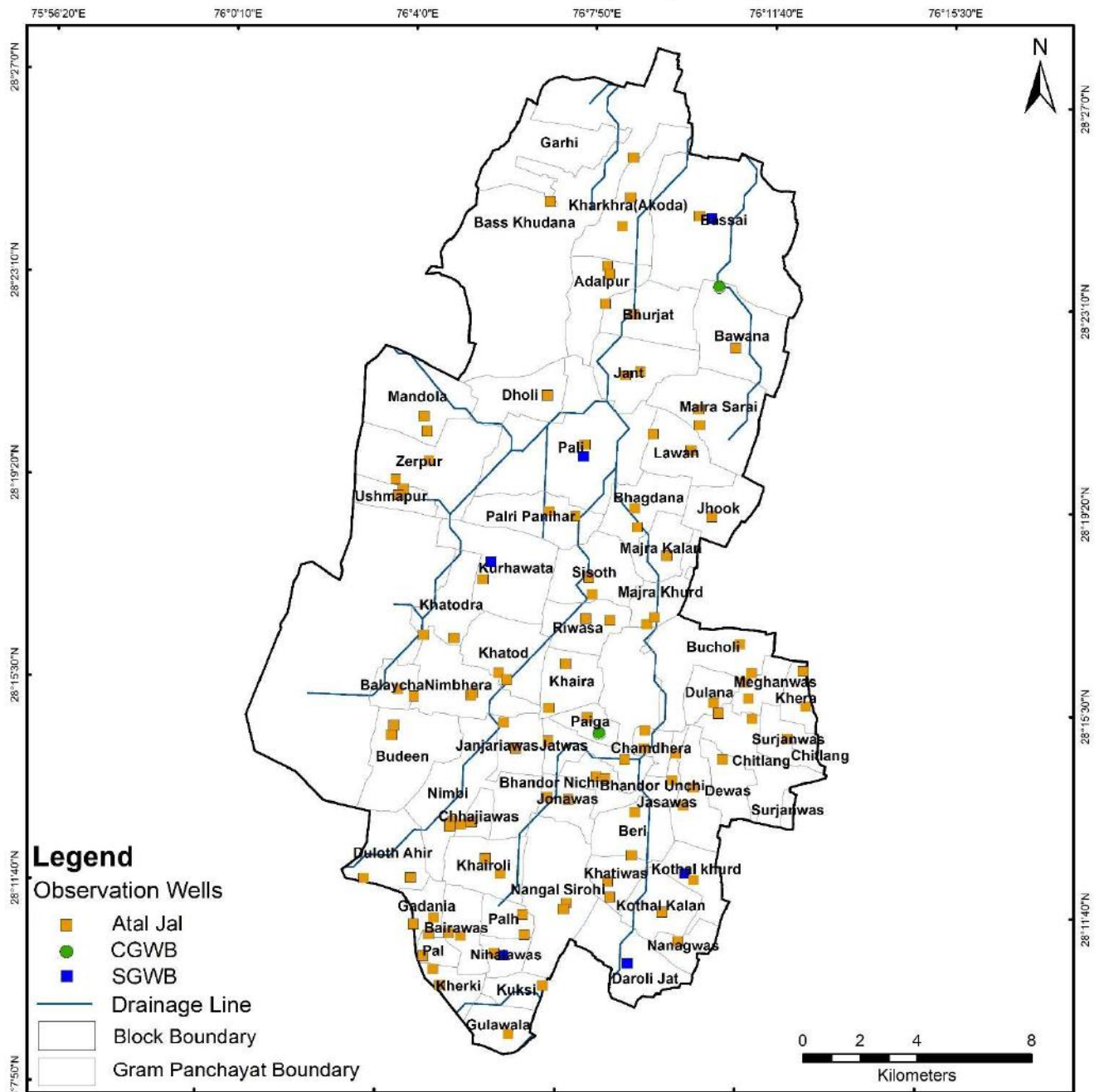
H. GROUND WATER RESOURCES								
1.	Latest assessment year	:	2023					
2.	Assessment Unit	:	Block					
3.	Annual extractable GW resource (ha.m)	:	3335.8					
4.	Current annual GW extraction (ha.m)	:	4362.5					
5.	Net GW availability for future use (ha.m)	:	0.0					
6.	Stage of GW extraction (%)	:	127.8 %					
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
								Critical

I WATER-RELATED SCHEMES			
1.	Schemes with a bearing on ground water, bearing implemented in the block/taluk		
	Centrally Sponsored/Central Sector Scheme	i)	PMKSY
		ii)	MGNREGA
		iii)	RKVY
		iv)	NAQUIM
		v)	JJM
		vi)	NHP
	State Scheme	i)	State Plan Scheme for providing assistance on adopting water saving technologies (2402)
		ii)	MPMV

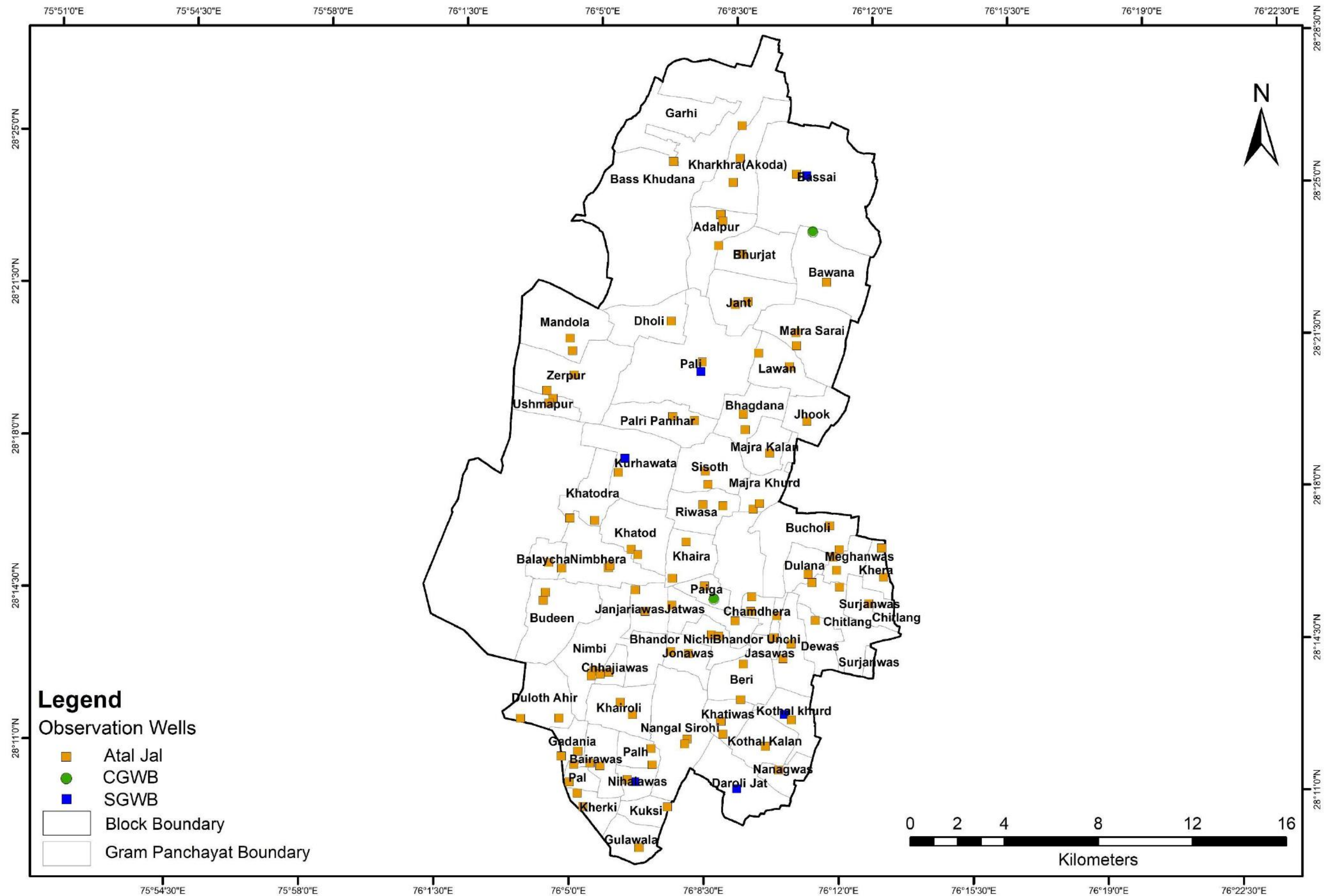
J GROUND WATER RELATED ISSUES			
1.	GROUND WATER RELATED ISSUES OF THE BLOCK		
	i) Issues related to GW Availability		Ground water depletion issues due to over extraction of groundwater for agriculture and other uses
	ii) Issues related to GW quality		Groundwater contamination issues in many villages
	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

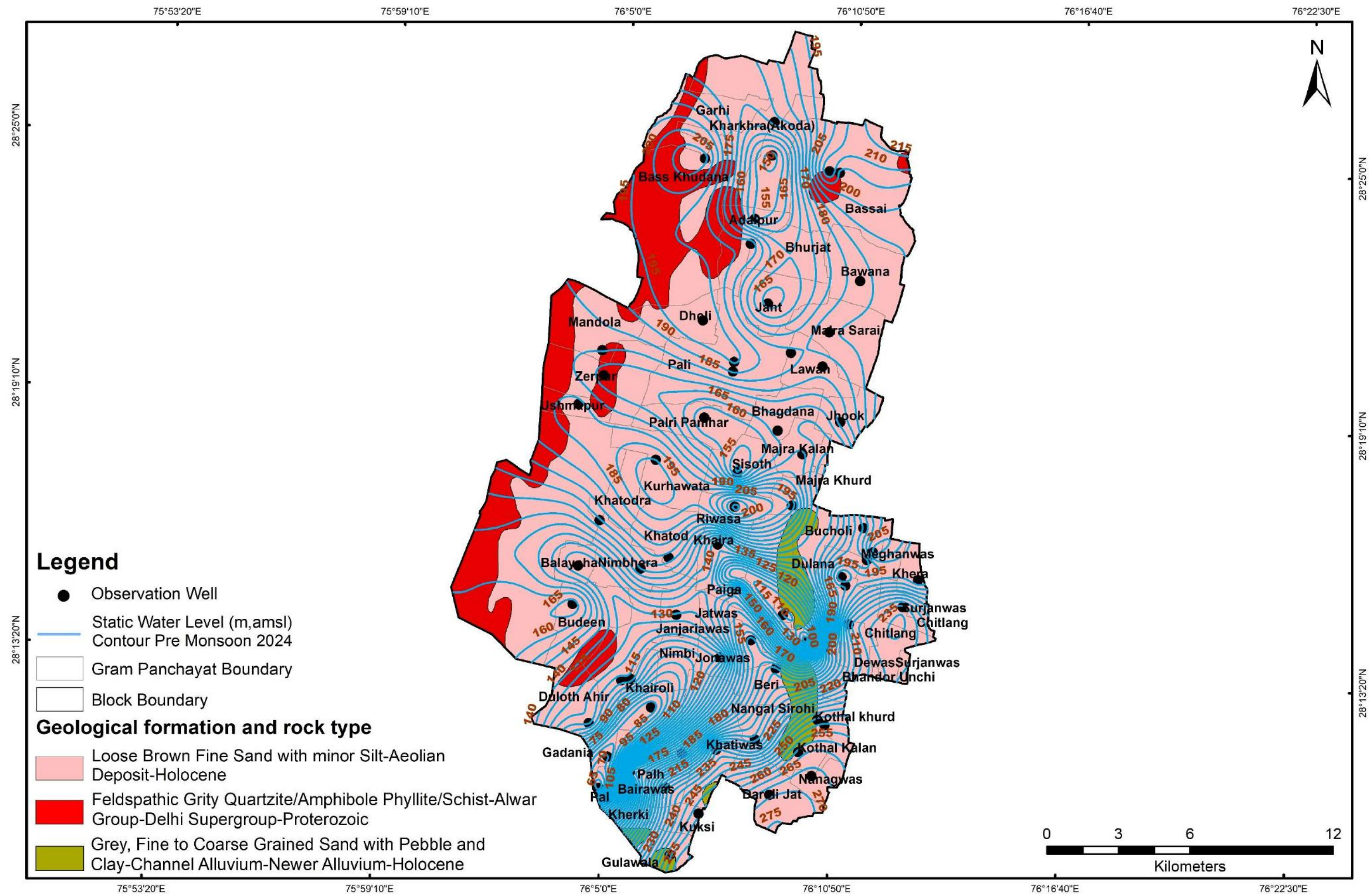
Location Map of Block- Mahendragarh, District- Mahendragarh, Haryana



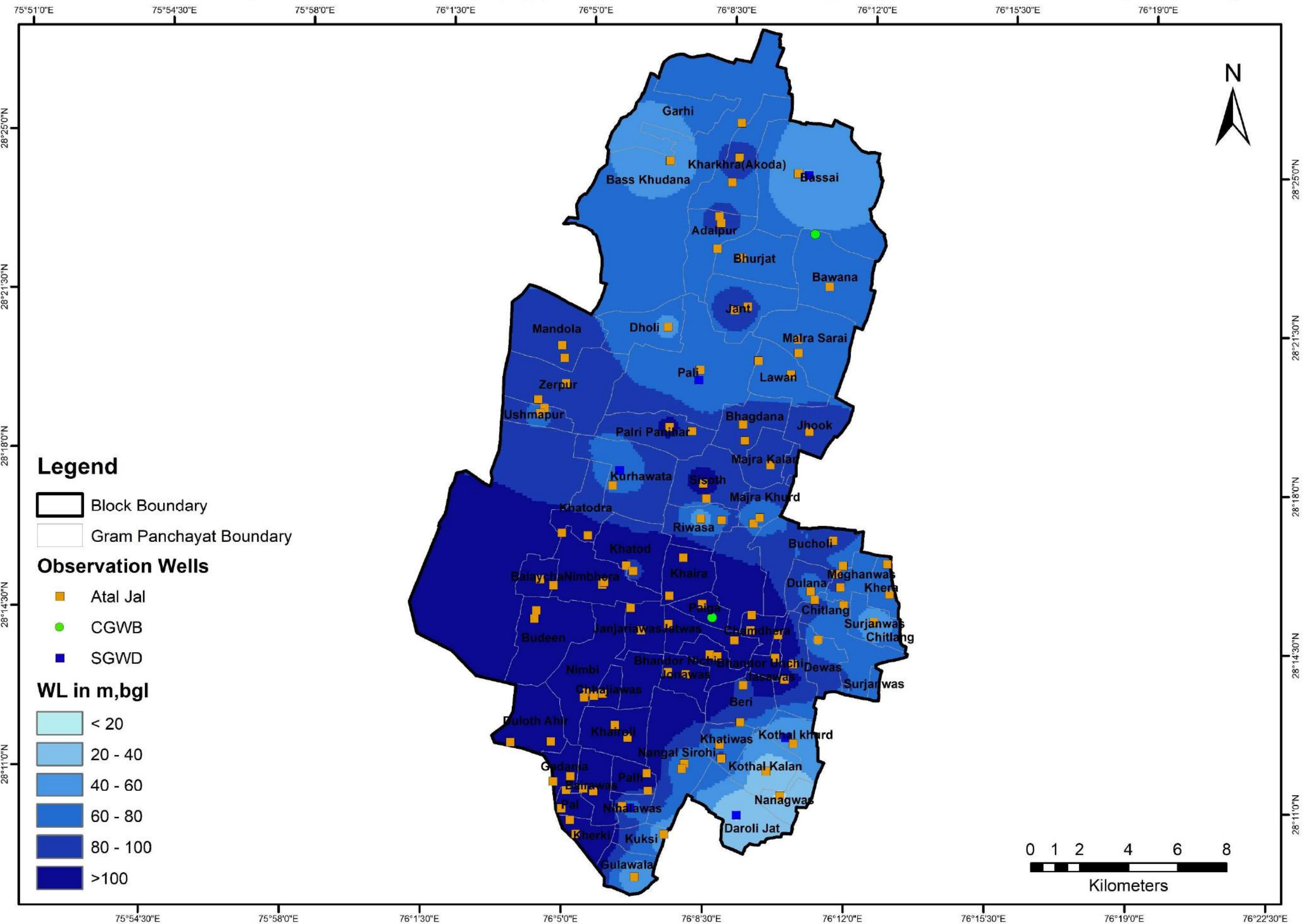
Location of Observation Wells for Monitoring Water Levels and Water Quality, Block-Mahendragarh, District- Mahendragarh, Haryana



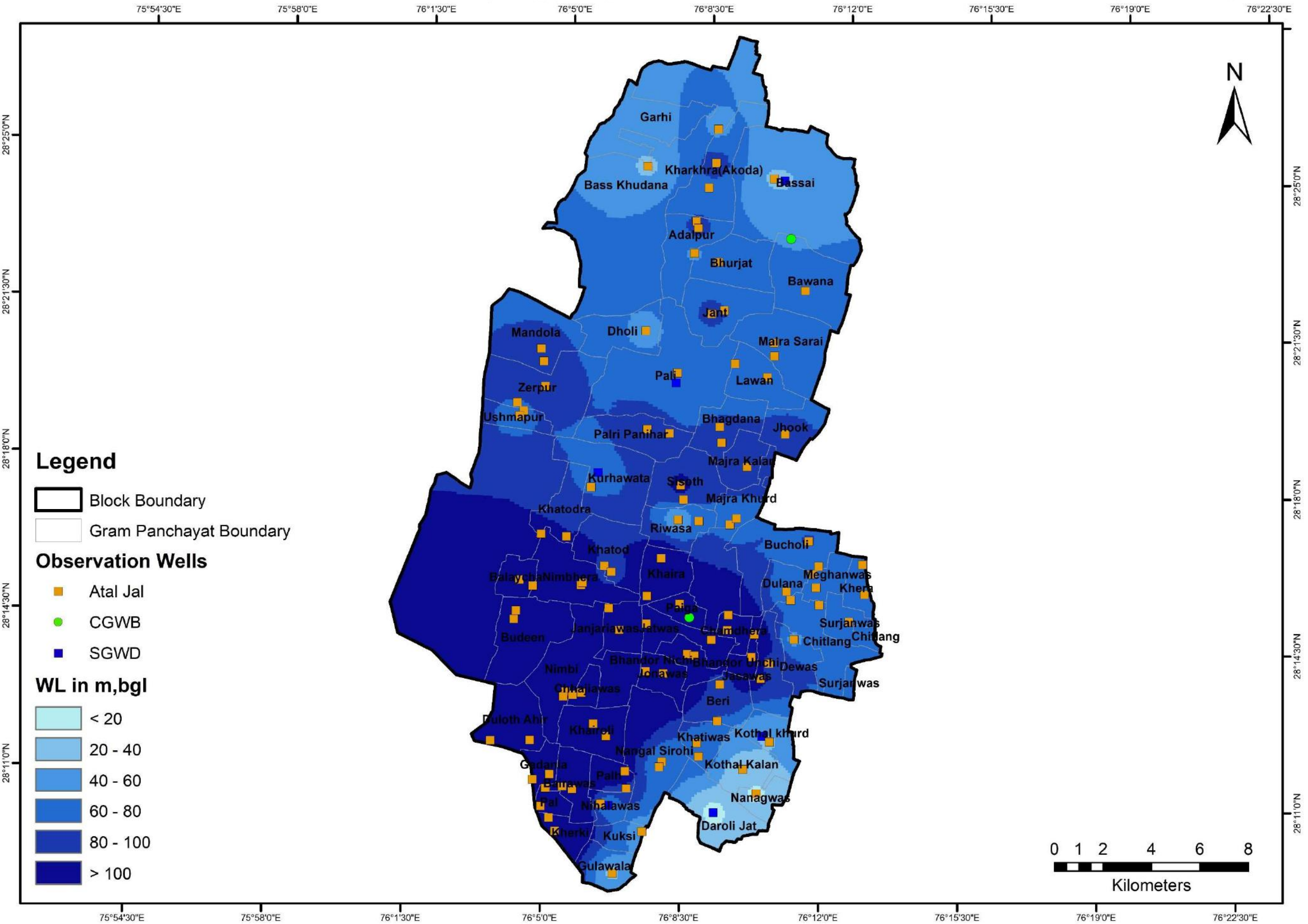
Hydrogeological Map, Block- Mahendragarh, District- Mahendragarh, Haryana



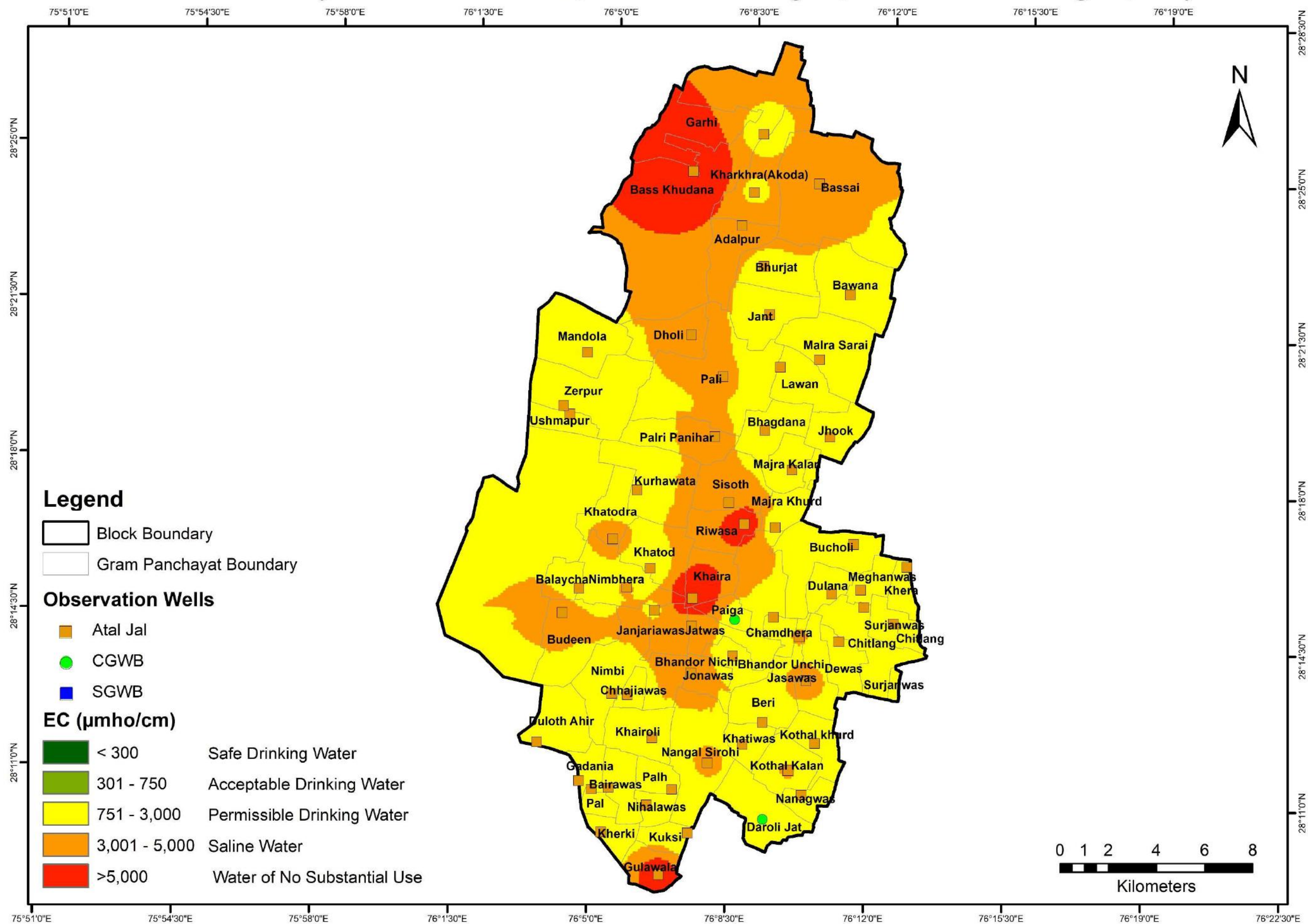
Pre Monsoon 2024 Depth to Water Level (m,bgl) Map, Block- Mahendragarh, District - Mahendragarh, Haryana



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



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



ANNEXURE: I
BASIC DATA OF MONITORING WELLS

State		Haryana			District		Mahendragarh			Block		Mahendragarh			
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-06-069-00524-00031562-005	Adalpur_31562	Adalpur	Shiv Mandir Campus On Road	28.3925	76.1387	Bore Well	247	Semi Confined to Confined	0.40	135	0.20	WL	Manual	Atal Jal-Private
2.	T.W_HRY_M.GARH_M.GARH_ADALPUR_1	Adalpur_31562	Adalpur	Neer By Govt School	28.3950	76.1378	Tube Well	248	Confined	0.45	267	0.20	WQ	Manual	Atal Jal
3.	GWL-06-069-00524-00031563-001	Bairawas_31563	Bairawas	Near Shiv Mandir	28.1820	76.0951	Bore Well	292	Semi Confined to Confined	0.30	250	0.20	WL	Manual	Atal Jal-Private
4.	T.W_HRY_M.GARH_M.GARH_BAIRAWAS_1	Bairawas_31563	Bairawas	Gaav Ki East Firni	28.1828	76.0909	Tube Well	290	Confined	0.30	234	0.20	WQ	Manual	Atal Jal
5.	GWL-06-069-00524-00031565-001	Balaycha_31565	Balaycha	Baba Bramhchari Mandir	28.2590	76.0694	Bore Well	276	Semi Confined to Confined	0.60	198	0.20	WL	Manual	Atal Jal-Private
6.	T.W_HRY_M.GARH_M.GARH_BALAYCHA_1	Balaycha_31565	Balaycha	Near By Ram Singh Tibara Farm Me	28.2570	76.0752	Tube Well	276	Confined	0.43	207	0.20	WQ	Manual	Atal Jal
7.	HR_GW_577	Bass Khudana_265058	Bass khudana	Govt. Middle School Bass Khudana	28.4295	76.1455	Piezometer	241	Unconfined to Semi-confined	0.50	90	0.10	Both	Telemetric	Atal Jal
8.	HR_GW_558	Bassai_31569	Bassai	Govt. Girls High School Bassai	28.4119	76.1698	Piezometer	254	Confined	0.50	100	0.10	Both	Telemetric	Atal Jal
9.	HR_GW_559	Bawana_31570	Bawana	Govt. Senior Seacondary School Bawana	28.3707	76.1847	Piezometer	253	Semi-Confined To Confined	0.50	83	0.10	Both	Telemetric	Atal Jal
10	GWL-06-069-00524-00031571-001	Beri_31571	Beri	Near Govt School	28.2231	76.1554	Bore Well	282	Semi Confined to Confined	0.30	120	0.20	WL	Manual	Atal Jal-Private
11.	T.W_HRY_M.GARH_M.GARH_BERI_1	Beri_31571	Beri	Near By Govt School	28.2095	76.1548	Tube Well	277	Confined	0.30	238	0.20	WQ	Manual	Atal Jal
12	GWL-06-069-00524-00031572-001	Bhagdana_31572	Bhagdana	On Road Near Anil Yadav Home	28.3130	76.1521	Bore Well	260	Semi Confined to Confined	0.50	200	0.20	WL	Manual	Atal Jal-Private
13	T.W_HRY_M.GARH_M.GARH_BAGDANA_1	Bhagdana_31572	Bhagdana	Near By Pahadi	28.3189	76.1510	Tube Well	258	Confined	0.35	237	0.20	WQ	Manual	Atal Jal
14	GWL-06-069-00524-00031573-001	Bhandor Nichi_31573	Bhandor Nichi	Behind Govt School On Road	28.2334	76.1443	Bore Well	277	Semi Confined to Confined	0.15	140	0.20	WL	Manual	Atal Jal-Private
15	T.W_HRY_M.GARH_M.GARH_BHANDOR NICHI_1	Bhandor Nichi_31573	Bhandor Nichi	Farm Me	28.2339	76.1411	Tube Well	276	Confined	0.26	220	0.20	WQ	Manual	Atal Jal
16	GWL-06-069-00524-00031574-001	Bhandor Unchi_31574	Bhandor Unchi	Mata Durga Mandir	28.2316	76.1757	Bore Well	285	Semi Confined to Confined	0.30	130	0.15	WL	Manual	Atal Jal-Private
17	T.W_HRY_M.GARH_M.GARH_BHANDOR UNCHI_1	Bhandor Unchi_31574	Bhandor Unchi	Near By C.L. School Farm	28.2258	76.1724	Tube Well	278	Confined	0.30	204	0.15	WQ	Manual	Atal Jal

18	GWL-06-069-00524-00031575-001	Bhurjat_31575	Bhurjat	Rajveer Bore Well	28.3830	76.1375	Bore Well	251	Semi Confined to Confined	0.50	130	0.20	WL	Manual	Atal Jal-Private
19	T.W_HRY_M.GARH_M.GARH_BHURJAT_1	Bhurjat_31575	Bhurjat	Holi Vala Mohlla	28.3801	76.1477	Tube Well	248	Confined	0.50	207	0.20	WQ	Manual	Atal Jal
20	HR_GW_572	Bucholi_31576	Bucholi	Govt.Sr. Sec.School Buchholi	28.2774	76.1903	Piezometer	274	Semi Confined to Confined	0.50	116	0.10	Both	Telemetric	Atal Jal
21	GWL-06-069-00524-00031576-001	Bucholi_31576	Bucholi	Near By Jal Ghar	28.2684	76.1949	Bore Well	271	Semi Confined to Confined	0.50	120	0.20	WL	Manual	Atal Jal-Private
22	GWL-06-069-00524-00031577-001	Budeen_31577	Budeen	On Sodah Pahadi Road	28.2444	76.0678	Bore Well	283	Semi Confined to Confined	0.30	306	0.20	WL	Manual	Atal Jal-Private
23	T.W_HRY_M.GARH_M.GARH_BUDEEN_1	Budeen_31577	Budeen	Near By Aanghan Wari	28.2476	76.0685	Tube Well	280	Confined	0.30	189	0.20	WQ	Manual	Atal Jal
24	GWL-06-069-00524-00031579-001	Chamdhera_31579	Chamdhera	On Road Near Leelaram Home	28.2434	76.1575	Bore Well	274	Semi Confined to Confined	0.50	200	0.20	WL	Manual	Atal Jal-Private
25	T.W_HRY_M.GARH_M.GARH_CHAMDEHRA_1	Chamdhera_31579	Chamdhera	Gaav Ki Firni West Side	28.2490	76.1578	Tube Well	271	Confined	0.35	238	0.20	WQ	Manual	Atal Jal
26	GWL-06-069-00524-00031578-001	Chhajiawas_31578	Chajjiyawas	Baba Ji Ka Kua	28.2171	76.0937	Bore Well	283	Semi Confined to Confined	0.20	285	0.20	WL	Manual	Atal Jal-Private
27	T.W_HRY_M.GARH_M.GARH_CHAJJIAWAS_1	Chhajiawas_31578	Chajjiyawas	Gaav Ki Firni South Side	28.2180	76.0974	Tube Well	281	Confined	0.20	223	0.20	WQ	Manual	Atal Jal
28	GWL-06-069-00524-00031580-001	Chitlang_31580	Chitlang	Near Shahid Smarak Backside	28.2554	76.1836	Tube Well	273	Semi Confined to Confined	0.20	142	0.20	WL	Manual	Atal Jal-Private
29	T.W_HRY_M.GARH_M.GARH_CHITLANG_1	Chitlang_31580	Chitlang	Nadi Ka Digg	28.2540	76.1957	Tube Well	270	Confined	0.20	203	0.20	WQ	Manual	Atal Jal
30	HR_GW_579	Dewas_31583	Dewas	Govt. High School Dewas	28.2409	76.1857	Piezometer	275	Unconfined To Semi-Confined	0.50	73	0.10	Both	Telemetric	Atal Jal
31	HR_GW_563	Dholi_31586	Dholi	Govt. Middle School Dholi	28.3535	76.1183	Piezometer	256	Confined	0.50	95	0.10	Both	Telemetric	Atal Jal
32	HR_GW_580	Dulana_31588	Dulana	Govt. Senior Seacondary School Dulana	28.2586	76.1818	Piezometer	273	Unconfined To Semi-Confined	0.50	89	0.10	Both	Telemetric	Atal Jal
33	GWL-06-069-00524-00031589-001	Duloth Ahir_31589	Duloth Ahir	Infront Devendrasingh House	28.1997	76.0766	Bore Well	290	Semi Confined to Confined	0.20	295	0.20	WL	Manual	Atal Jal-Private
34	T.W_HRY_M.GARH_M.GARH_DULOTH AHIR_1	Duloth Ahir_31589	Duloth Ahir	Shiv Mandir	28.1990	76.0600	Tube Well	291	Confined	0.20	200	0.20	WQ	Manual	Atal Jal
35	GWL-06-069-00524-00031590-001	Gadania_31590	Gadania	Harijan Basti Near Anil House	28.1873	76.0853	Bore Well	293	Semi Confined to Confined	0.30	312	0.20	WL	Manual	Atal Jal-Private
36	T.W_HRY_M.GARH_M.GARH_GADANIA_1	Gadania_31590	Gadania	Gav Ki Firni	28.1852	76.0783	Tube Well	291	Confined	0.30	190	0.20	WQ	Manual	Atal Jal
37	HR_GW_566	Garhi_31592	Garhi	Govt. Primary School Garhi	28.4147	76.1165	Piezometer	246	Unconfined To Semi-Confined	0.50	74	0.10	Both	Telemetric	Atal Jal
38	HR_GW_567	Gulawala_245952	Gulawala	Govt. Middle School Gulawala	28.1515	76.1135	Piezometer	293	Semi-Confined To Confined	0.50	130	0.10	Both	Telemetric	Atal Jal
39	GWL-06-069-00524-00031593-001	Janjariawas_31593	Janjariawas	Menpal S/O Bhikharam	28.2419	76.1121	Bore Well	275	Semi Confined to Confined	0.50	190	0.20	WL	Manual	Atal Jal-Private

40	T.W_HRY_M.GARH_M.GARH_JHANJHARIAWAS_1	Janjariawas_31593	Janjariawas	Near By Govt School	28.2498	76.1075	Tube Well	275	Confined	0.50	204	0.20	WQ	Manual	Atal Jal
41	GWL-06-069-00524-00031594-001	Jant_31594	Jant	Jal Ghar	28.3608	76.1458	Bore Well	255	Semi Confined to Confined	0.60	160	0.20	WL	Manual	Atal Jal-Private
42	T.W_HRY_M.GARH_M.GARH_JANT_1	Jant_31594	Jant	Govt School	28.3622	76.1510	Tube Well	254	Confined	0.55	241	0.20	WQ	Manual	Atal Jal
43	GWL-06-069-00524-00031596-001	Jasawas_31596	Jasawas	G.M.S	28.2337	76.1681	Bore Well	277	Semi Confined to Confined	0.50	250	0.25	WL	Manual	Atal Jal-Private
44	T.W_HRY_M.GARH_M.GARH_JASAWAS_1	Jasawas_31596	Jasawas	Gav Ki Firni	28.2421	76.1690	Tube Well	276	Confined	0.50	190	0.23	WQ	Manual	Atal Jal
45	GWL-06-069-00524-00031597-001	Jatwas_31597	Jatwas	Water Supply Station	28.2395	76.1510	Bore Well	274	Semi Confined to Confined	0.20	225	0.20	WL	Manual	Atal Jal-Private
46	T.W_HRY_M.GARH_M.GARH_JATWAS_1	Jatwas_31597	Jatwas	Near By Monu Farmhouse	28.2446	76.1234	Tube Well	273	Confined	0.30	203	0.20	WQ	Manual	Atal Jal
47	HR_GW_568	Jhook_31598	Jhook	Govt Girl Middle School Jhook	28.3172	76.1786	Piezometer	262	Semi-Confined To Confined	0.50	108	0.10	Both	Telemetric	Atal Jal
48	GWL-06-069-00524-00031599-001	Jonawas_31599	Jonawas	Jal Ghar	28.2264	76.1315	Bore Well	282	Semi Confined to Confined	0.30	310	0.20	WL	Manual	Atal Jal-Private
49	T.W_HRY_M.GARH_M.GARH_JONAWAS_1	Jonawas_31599	Jonawas	Near By Aanghnwari	28.2269	76.1239	Tube Well	281	Confined	0.33	28	0.20	WQ	Manual	Atal Jal
50	GWL-06-069-00524-00031600-001	Khaira_31600	Khaira	Hanuman Mandir Ke Pass	28.2691	76.1286	Bore Well	269	Semi Confined to Confined	0.50	250	0.20	WL	Manual	Atal Jal-Private
51	T.W_HRY_M.GARH_M.GARH_KHAIRA_1	Khaira_31600	Khaira	Neer By Shubham Fuels	28.2549	76.1233	Tube Well	273	Confined	0.50	193	0.20	WQ	Manual	Atal Jal
52	GWL-06-069-00524-00031601-001	Khairoli_31601	Khairoli	Ghotiya Ka Rasta	28.2066	76.1029	Bore Well	286	Semi Confined to Confined	0.40	312	0.20	WL	Manual	Atal Jal-Private
53	T.W_HRY_M.GARH_M.GARH_KHAROLI_1	Khairoli_31601	Khairoli	Near By Bus Stand	28.2022	76.1084	Tube Well	285	Confined	0.40	244	0.20	WQ	Manual	Atal Jal
54	GWL-06-069-00524-00031602-001	Kharkhra(Akoda)_31602	Kharkhra Akoda	On Road To Bassai	28.4170	76.1451	Bore Well	245	Semi Confined to Confined	0.50	140	0.20	WL	Manual	Atal Jal-Private
55	T.W_HRY_M.GARH_M.GARH_KHARKHARA_1	Kharkhra(Akoda)_31602	Kharkhra(Akoda)	Near By Maharaj Mandir	28.4077	76.1425	Tube Well	246	Confined	0.50	241	0.20	WQ	Manual	Atal Jal
56	GWL-06-069-00524-00031603-001	Khatiwas_31603	Khatiwas	Phool Chand Nmbardar Ghar Ke Samne	28.1961	76.1477	Bore Well	284	Semi Confined to Confined	0.60	175	0.20	WL	Manual	Atal Jal-Private
57	T.W_HRY_M.GARH_M.GARH_KHATIWAS_1	Khatiwas_31603	Khatiwas	Out Side Farm Me	28.2010	76.1466	Tube Well	287	Confined	0.60	241	0.20	WQ	Manual	Atal Jal
58	GWL-06-069-00524-00031604-001	Khatod_31604	Khatod	Swami Ki Dhani	28.2633	76.1079	Bore Well	269	Semi Confined to Confined	0.30	250	0.20	WL	Manual	Atal Jal-Private
59	T.W_HRY_M.GARH_M.GARH_KHATOD_1	Khatod_31604	Khatod	Near By Vijay Athletics Academy	28.2654	76.1049	Tube Well	273	Confined	0.30	220	0.20	WQ	Manual	Atal Jal
60	GWL-06-069-00524-00031605-001	Khatodra_31605	Khatodra	Ex Sarpanch House Ke Samne	28.2764	76.0778	Bore Well	271	Semi Confined to Confined	0.30	225	0.20	WL	Manual	Atal Jal-Private
61	T.W_HRY_M.GARH_M.GARH_KHATODRA_1	Khatodra_31605	Khatodra	Rs Yadav Farmhouse	28.2758	76.0885	Tube Well	268	Confined	0.30	244	0.20	WQ	Manual	Atal Jal

62	GWL-06-069-00524-00031536-001	Khera_31536	Khera	Near Main Road Pe Gav Ke Bahar Bhqtte Ke Pass	28.2586	76.2145	Bore Well	266	Semi Confined to Confined	0.20	120	0.20	WL	Manual	Atal Jal-Private
63	T.W_HRY_M.GARH_M.GARH_KHERA_1	Khera_31536	Khera	Near By Grewal	28.2696	76.2131	Tube Well	269	Confined	0.20	210	0.20	WQ	Manual	Atal Jal
64	GWL-06-069-00524-00031606-001	Kherki_31606	Kherki	Infront Of Chaukidar House	28.1712	76.0858	Bore Well	291	Semi Confined to Confined	0.50	325	0.20	WL	Manual	Atal Jal-Private
65	T.W_HRY_M.GARH_M.GARH_KHERKI_1	Kherki_31606	Kherki	Gaav Ki Sauth Side Fir I	28.1662	76.0885	Tube Well	293	Confined	0.55	284	0.20	WQ	Manual	Atal Jal
66	HR_GW_584	Kothal Kalan_31609	Kothal Kalan	Govt. Senior Seacondary School Kothal Kalan	28.1920	76.1663	Piezometer	282	Unconfined To Semi-Confined	0.50	53	0.10	Both	Telemetric	Atal Jal
67	HR_GW_585	Kothal khurd_31607	Kothal Khurd	Govt. Middle School Kothal Khurd	28.2025	76.1771	Piezometer	287	Unconfined To Semi-Confined	0.50	58	0.10	Both	Telemetric	Atal Jal
68	HR_GW_586	Kuksi_31610	Kuksi	Govt. Primary School Kuksi	28.1673	76.1250	Piezometer	291	Unconfined To Semi-Confined	0.50	60	0.10	Both	Telemetric	Atal Jal
69	T.W_HRY_M.GARH_M.GARH_KURHAWATA_1	Kurhawata_31611	Kurhawata	Outside Farm Me	28.2947	76.0980	Tube Well	262	Confined	0.50	253	0.20	WQ	Manual	Atal Jal
70	HR_GW_573	Lawan_31612	Lawan	Govt.Primary School Lawan	28.3426	76.1565	Piezometer	257	Semi Confined to Confined	0.50	119	0.10	Both	Telemetric	Atal Jal
71	GWL-06-069-00524-00031612-001	Lawan_31612	Lawan	Bus Stand	28.3379	76.1701	Bore Well	257	Semi Confined to Confined	0.50	120	0.20	WL	Manual	Atal Jal-Private
72	HR_GW_587	Majra Kalan_31614	Majra kalan	Govt. Middle School	28.3044	76.1631	Piezometer	262	Unconfined to Semi-confined	0.50	107	0.10	Both	Telemetric	Atal Jal
73	GWL-06-069-00524-00031615-001	Majra Khurd_31615	Marala Khurd	Shiv Mqndir Ke Pass	28.2848	76.1595	Tube Well	266	Semi Confined to Confined	0.20	135	0.20	WL	Manual	Atal Jal-Private
74	T.W_HRY_M.GARH_M.GARH_MAJRA KHURD_1	Majra Khurd_31615	Majra Khurd	Baba Arjunnath Tampal	28.2825	76.1569	Tube Well	269	Confined	0.20	267	0.20	WQ	Manual	Atal Jal
75	GWL-06-069-00524-00031617-002	Malra Sarai_31617	Marala Sarai	Panchayt Tube Well Near Trarnce Faranwr	28.3509	76.1724	Tube Well	257	Semi Confined to Confined	0.20	135	0.20	WL	Manual	Atal Jal-Private
76	T.W_HRY_M.GARH_M.GARH_MALRA SARAI_1	Malra Sarai_31617	Malra Sarai	Kakra Road Near By	28.3460	76.1728	Tube Well	257	Confined	0.20	260	0.20	WQ	Manual	Atal Jal
77	GWL-06-069-00524-00031618-001	Mandola_31618	Mandola	On Road Near Pipal Tree	28.3407	76.0760	Bore Well	270	Semi Confined to Confined	0.40	140	0.20	WL	Manual	Atal Jal-Private
78	T.W_HRY_M.GARH_M.GARH_MANDOLA_1	Mandola_31618	Mandola	Gav Ki Firni	28.3453	76.0747	Tube Well	275	Confined	0.34	238	0.20	WQ	Manual	Atal Jal
79	GWL-06-069-00524-00031541-001	Meghanwas_31541	Meghqnwas	Panchayati Bor Balaji Dham Ke Pass	28.2654	76.1923	Tube Well	271	Semi Confined to Confined	0.30	150	0.20	WL	Manual	Atal Jal-Private
80	T.W_HRY_M.GARH_M.GARH_MEGHANWAS_1	Meghanwas_31541	Meghanwas	Bala Ji Mandir	28.2604	76.1941	Tube Well	270	Confined	0.45	201	0.20	WQ	Manual	Atal Jal
81	HR_GW_589	Nanagwas_31619	Nanagwas	Govt. Primary School Nanagwas	28.1830	76.1724	Piezometer	284	Unconfined To Semi-Confined	0.50	55	0.10	Both	Telemetric	Atal Jal
82	GWL-06-069-00524-00031621-001	Nangal Sirohi_31621	Nangal Sirohi	Post Office Vali Gali	28.1917	76.1313	Bore Well	289	Semi Confined to Confined	0.40	250	0.20	WL	Manual	Atal Jal-Private

83	T.W_HRY_M.GARH_M.GARH_NANGALSIROHI_1	Nangal Sirohi_31621	Nangal Sirohi	Gav Ki Firni	28.1936	76.1323	Tube Well	286	Semi Confined	0.40	301	0.20	WQ	Manual	Atal Jal
84	T.W_HRY_M.GARH_M.GARH_NIHALAWAS_1	Nihalawas_31623	Nihalawas	Near By Roshan Farmhouse	28.1770	76.1073	Tube Well	289	Confined	0.50	320	0.20	WQ	Manual	Atal Jal
85	GWL-06-069-00524-00031624-001	Nimbhera_31624	Nimbhera	Khatodra Road Karishan Ka Bore	28.2588	76.0961	Bore Well	271	Semi Confined to Confined	0.20	235	0.20	WL	Manual	Atal Jal-Private
86	T.W_HRY_M.GARH_M.GARH_NIMBIHERA_1	Nimbhera_31624	Nimbehera	Near By Dav Narayan Tampal	28.2580	76.0954	Tube Well	272	Confined	0.20	299	0.20	WQ	Manual	Atal Jal
87	GWL-06-069-00524-00031625-001	Nimbi_31625	Nimbi	Pani Ki Tanki Chhattri	28.2164	76.0898	Bore Well	285	Semi Confined to Confined	0.60	265	0.20	WL	Manual	Atal Jal-Private
88	T.W_HRY_M.GARH_M.GARH_NIMBI_1	Nimbi_31625	Nimbi	Near By S K Bhargarh Advocate	28.2182	76.0908	Tube Well	285	Confined	0.60	301	0.20	WQ	Manual	Atal Jal
89	GWL-06-069-00524-00031627-001	Paiga_31627	Paiga	Baba Narsinghdas	28.2524	76.1372	Bore Well	275	Semi Confined to Confined	0.30	150	0.20	WL	Manual	Atal Jal-Private
90	GWL-06-069-00524-00031626-001	Pal_31626	Pal	Bus Stand	28.1753	76.0821	Bore Well	292	Semi Confined to Confined	0.50	310	0.20	WL	Manual	Atal Jal-Private
91	T.W_HRY_M.GARH_M.GARH_PAL_1	Pal_31626	Pal	Near By Amar Singh Sarpanch	28.1820	76.0838	Tube Well	290	Confined	0.50	277	0.20	WQ	Manual	Atal Jal
92	GWL-06-069-00524-00031628-001	Palh_31628	Palh	Panchayati Kuan	28.1895	76.1170	Bore Well	286	Semi Confined to Confined	0.30	218	0.20	WL	Manual	Atal Jal-Private
93	T.W_HRY_M.GARH_M.GARH_PALH_1	Palh_31628	Palh	Near By Shyam Farmhouse	28.1831	76.1178	Tube Well	288	Confined	0.30	247	0.20	WQ	Manual	Atal Jal
94	HR_GW_590	Pali_31629	Pali	Govt. Senior Seacondary School Pali	28.3383	76.1323	Piezometer	259	Semi-Confined To Confined	0.50	92	0.10	Both	Telemetric	Atal Jal
95	GWL-06-069-00524-00031630-001	Palri Panihar_31630	Palripanihar	Animal Hospital	28.3169	76.1206	Bore Well	261	Semi Confined to Confined	0.50	200	0.20	WL	Manual	Atal Jal-Private
96	T.W_HRY_M.GARH_M.GARH_PALRIPANIHARA_1	Palri Panihar_31630	Palri Panihar	Near By Dav Narayan Tampal	28.3158	76.1300	Tube Well	260	Confined	0.50	290	0.20	WQ	Manual	Atal Jal
97	GWL-06-069-00524-00031633-001	Riwasa_31633	Riwasa	Pond'S Ke Pass	28.2835	76.1351	Bore Well	264	Semi Confined to Confined	0.30	180	0.20	WL	Manual	Atal Jal-Private
98	T.W_HRY_M.GARH_M.GARH_REWASA_1	Riwasa_31633	Riwasa	Near By Sk Bhargav Advocate	28.2833	76.1438	Tube Well	268	Confined	0.33	305	0.20	WQ	Manual	Atal Jal
99	GWL-06-069-00524-00031636-001	Sisoth_31636	Sisoth	Hoshiar Sarpanch Bore Well	28.2966	76.1356	Bore Well	261	Semi Confined to Confined	0.40	160	0.20	WL	Manual	Atal Jal-Private
10	T.W_HRY_M.GARH_M.GARH_SISOTH_1	Sisoth_31636	Sisoth	Shyam Farmhouse	28.2913	76.1370	Tube Well	262	Confined	0.40	284	0.20	WQ	Manual	Atal Jal
10	HR_GW_574	Surjanwas_31557	Surjanwas	Govt. Senior Seacondary School Surjanwas	28.2482	76.2084	Piezometer	275	Semi-Confined To Confined	0.50	64	0.10	Both	Telemetric	Atal Jal
10	GWL-06-069-00524-00031642-001	Ushmapur_31642	Ushmapur	Krishna Mandir	28.3201	76.0667	Bore Well	264	Semi Confined to Confined	0.30	130	0.20	WL	Manual	Atal Jal-Private
10	T.W_HRY_M.GARH_M.GARH_USHMAPUR_1	Ushmapur_31642	Ushmapur	Farm House	28.3221	76.0684	Tube Well	264	Confined	0.30	271	0.20	WQ	Manual	Atal Jal

10	GWL-06-069-00524-00031643-001	Zerpur_31643	Zerpur	Hari Singh Home	28.3314	76.0771	Bore Well	265	Semi Confined to Confined	0.50	170	0.20	WL	Manual	Atal Jal-Private
10	T.W_HRY_M.GARH_M.GARH_ZERPUR_1	Zerpur_31643	Zerpur	Near By Chattri	28.3251	76.0656	Tube Well	266	Confined	0.50	297	0.20	WQ	Manual	Atal Jal
10	W282310076104001	Bawana_31570	Buwana	Buwana-Pz	28.3897	76.1778	Piezometer	248	Unconfined to Semi Confined	0.60	118	0.15	WL	Manual	CGWB
10	W281800076130001	Buchawas_31518	Buchawas	Buchawas	28.3000	76.2167	Tube Well	272	Alluvium	0.60	130	0.20	WQ	Manual	CGWB
10	W281024076092301	Daroli Jat_31582	Deroli Ahir	Deroli Ahir	28.1733	76.1564	Hand Pump	274	Alluvium	0.70	35	0.15	Both	Manual	CGWB
10	Khe_28.376_76.233	Kheri_31537	Kheri Talwana	Kheri Talwana	28.3765	76.2336	Step Well	251	Alluvium	0.50	95	0.10	WQ	Manual	CGWB
11	W281355076101001	Paiga_31627	Jassawas	Jassawas	28.2475	76.1414	Tube Well	282	Alluvium	0.95	155	0.13	WQ	Manual	CGWB
11	Ban_29.909_76.732	Banana	Banana	Banana	29.9092	76.7322	Tube Well	251	Alluvium	0.62	NA	0.15	WQ	Manual	CGWB
11	Ba_28.411_76.174	Bassai_31569	Basai	Near Water Supply Office -Dcb	28.4114	76.1743	Tube Well	242.18	Aeolian Alluvium (Silt/Sand) & Hard Formation	0.70	80	0.25	WL	Manual	SGWD
11	De_28.1_75_76.155	Daroli Jat_31582	Deroli Jat	Near Shiv Mandir -Dw	28.1753	76.1547	Dug Well	288	Aeolian Alluvium (Silt/Sand) & Hard Formation	1.00	30	0.20	WL	Manual	SGWD
11	Ko_28.204_76.174	Kothal khurd_31607	Kothal Khurd	Near Of Approach Road -Dcb	28.2045	76.1739	Dug Well	278.62	Aeolian Alluvium (Silt/Sand) & Hard Formation	1.25	47	2.00	WL	Manual	SGWD
11	Ku_28.3_76.101	Kurhawata_31611	Kurawata	At The End Of Road From Mahendergarh To Kurawata -Gb	28.3002	76.1006	Tube Well	258.98	Aeolian Alluvium (Silt/Sand) & Hard Formation	0.70	200	0.25	WL	Manual	SGWD
11	Ni_28.1_76_76.11	Nihalawas_31623	Nihalawas	In The Center Of Village -Gb	28.1764	76.1105	Tube Well	284.82	Aeolian Alluvium (Silt/Sand) & Hard Formation	0.70	160	0.25	WL	Manual	SGWD
11	Pa_28.335_76.132	Pali_31629	Pali	In The Front Of Panchayat Ghar -Gb	28.3346	76.1320	Tube Well	255.12	Aeolian Alluvium (Silt/Sand) & Hard Formation	0.70	76	0.25	WL	Manual	SGWD

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

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

S.No.	Observation Point	Source	Well Types	Co-ordinate		Water Level (m)																			
				Latitude	Longitude	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
						Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
1	Bass Khudana_265058	Atal Jal	Piezometer	28.4295	76.1455	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58.9	85.1	63.7	57.8
2	Bassai_31569	Atal Jal	Piezometer	28.4119	76.1698	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.65	40.6	39.9	38.13
3	Bawana_31570	Atal Jal	Piezometer	28.3707	76.1847	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	61.9	59.1	64.89	61.1
4	Dewas_31583	Atal Jal	Piezometer	28.2409	76.1857	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54.25	53.78	56.89	53.38
5	Dholi_31586	Atal Jal	Piezometer	28.3535	76.1183	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.76	62.5	56.91	53.8
6	Dulana_31588	Atal Jal	Piezometer	28.2586	76.1818	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.9	80.73	72.99	69.87
7	Garhi_31592	Atal Jal	Piezometer	28.4147	76.1165	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.01	38.16	40.22	37.1
8	Gulawala_245952	Atal Jal	Piezometer	28.1515	76.1135	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.02	44.43	44.1	37.02
9	Jhook_31598	Atal Jal	Piezometer	28.3172	76.1786	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.5	81.94	85.67	83.56
10	Kothal Kalan_31609	Atal Jal	Piezometer	28.1920	76.1663	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.1	24.7	24.57	24.64
11	Kothal khurd_31607	Atal Jal	Piezometer	28.2025	76.1771	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.5	41.95	41.53	39.12
12	Kuksi_31610	Atal Jal	Piezometer	28.1673	76.1250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.62	38.55	42.05	40.05
13	Majra Kalan_31614	Atal Jal	Piezometer	28.3044	76.1631	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.45	92.75	93.63	90.06
14	Nanagwas_31619	Atal Jal	Piezometer	28.1830	76.1724	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.9	17.72	17.98	16.23
15	Pali_31629	Atal Jal	Piezometer	28.3383	76.1323	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	62.85	61.7	63.7	59.7
16	Surjanwas_31557	Atal Jal	Piezometer	28.2482	76.2084	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.17	43.48	42.89	59.7
17	Adalpur_31562	Atal Jal	Bore Well	28.3925	76.1387	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.67	91.4	91.25	86.5
18	Bairawas_31563	Atal Jal	Bore Well	28.1820	76.0951	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92	91.09	96.1	97.02
19	Balaycha_31565	Atal Jal	Bore Well	28.2590	76.0694	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	141.3	140.83	140.32	137.38
20	Beri_31571	Atal Jal	Bore Well	28.2231	76.1554	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.4	91.1	94.02	88.88
21	Bhagdana_31572	Atal Jal	Bore Well	28.3130	76.1521	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92.2	92.5	92.58	87.1
22	Bhandor Nichi_31573	Atal Jal	Bore Well	28.2334	76.1443	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100.2	99.45	99.2	97.96
23	Bhandor Unchi_31574	Atal Jal	Bore Well	28.2316	76.1757	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92.2	92.3	91.27	86.23
24	Bhurjat_31575	Atal Jal	Bore Well	28.3830	76.1375	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	60.9	60.3	63.57	58.03
25	Bucholi_31576	Atal Jal	Piezometer	28.2774	76.1903	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.62	80.88
26	Bucholi_31576	Atal Jal	Bore Well	28.2684	76.1949	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	62.5	61.9	64.1	62.85
27	Budeen_31577	Atal Jal	Bore Well	28.2444	76.0678	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	117.26	116.15	116.1	113.13
28	Chamdhera_31579	Atal Jal	Bore Well	28.2434	76.1575	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	169.2	168.94	164.51
29	Chhajiawas_31578	Atal Jal	Bore Well	28.2171	76.0937	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	167.25	166.15	164.8	159.4
30	Chitlang_31580	Atal Jal	Tube Well	28.2554	76.1836	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82	82.15	80.93	77.83
31	Duloth Ahir_31589	Atal Jal	Bore Well	28.1997	76.0766	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	172.85	172.22	168.56	162.3
32	Gadania_31590	Atal Jal	Bore Well	28.1873	76.0853	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	230.2	229.2	228.2	224.01
33	Janjariawas_31593	Atal Jal	Bore Well	28.2419	76.1121	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	141.86	142.35	140.9	136.43
34	Jant_31594	Atal Jal	Bore Well	28.3608	76.1458	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92.1	91.47	91.65	85.1
35	Jasawas_31596	Atal Jal	Bore Well	28.2337	76.1681	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	190.9	188.17	181.97
36	Jatwas_31597	Atal Jal	Bore Well	28.2395	76.1510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140.12	138.75	136.88	132.45

S.No.	Observation Point	Source	Well Types	Co-ordinate		Water Level (m)																			
				Latitude	Longitude	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
						Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
37	Jonawas_31599	Atal Jal	Bore Well	28.2264	76.1315	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	167.75	166.05	161.56
38	Khaira_31600	Atal Jal	Bore Well	28.2691	76.1286	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	132.65	130.85	128.32	123.34
39	Khairoli_31601	Atal Jal	Bore Well	28.2066	76.1029	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	218.75	217.42	214.5	211.05
40	Kharkhra(Akoda)_31602	Atal Jal	Bore Well	28.4170	76.1451	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97.56	97.6	96.6	90.1
41	Khatiwas_31603	Atal Jal	Bore Well	28.1961	76.1477	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.31	83.15	82.08	78.05
42	Khatod_31604	Atal Jal	Bore Well	28.2633	76.1079	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	98.1	96.85	96.51	94.12
43	Khatodra_31605	Atal Jal	Bore Well	28.2764	76.0778	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	103.1	102.75	101.72	100.02
44	Khera_31536	Atal Jal	Bore Well	28.2586	76.2145	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75	74.9	74.85	73.02
45	Kherki_31606	Atal Jal	Bore Well	28.1712	76.0858	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192	190.76	187.3	183.02
46	Lawan_31612	Atal Jal	Piezometer	28.3426	76.1565	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71.3	65.49
47	Lawan_31612	Atal Jal	Bore Well	28.3379	76.1701	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.6	74.97	74.93	72.48
48	Majra Khurd_31615	Atal Jal	Tube Well	28.2848	76.1595	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	72.45	72.45	72.26	70.35
49	Malra Sarai_31617	Atal Jal	Tube Well	28.3509	76.1724	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.25	67.95	67.9	65.11
50	Mandola_31618	Atal Jal	Bore Well	28.3407	76.0760	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.2	88.2	89.75	85.93
51	Meghanwas_31541	Atal Jal	Tube Well	28.2654	76.1923	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91	90.67	89.73	82.85
52	Nangal Sirohi_31621	Atal Jal	Bore Well	28.1917	76.1313	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66	65.8	64.2	62.01
53	Nimbhera_31624	Atal Jal	Bore Well	28.2588	76.0961	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	108.85	105.7	105.8	101.8
54	Nimbi_31625	Atal Jal	Bore Well	28.2164	76.0898	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	169.8	167.65	167.42	164.1
55	Paiga_31627	Atal Jal	Bore Well	28.2524	76.1372	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	125	124.85	125.7	121.98
56	Pal_31626	Atal Jal	Bore Well	28.1753	76.0821	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	246.3	244.8	242.1	238.05
57	Palh_31628	Atal Jal	Bore Well	28.1895	76.1170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115.2	114.437	112.3	106.08
58	Palri Panihar_31630	Atal Jal	Bore Well	28.3169	76.1206	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	106.1	104.71	104.55	100.5
59	Riwasa_31633	Atal Jal	Bore Well	28.2835	76.1351	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.1	47.52	47.6	40.77
60	Sisoth_31636	Atal Jal	Bore Well	28.2966	76.1356	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	112.8	111.62	111.65	105.9
61	Ushmapur_31642	Atal Jal	Bore Well	28.3201	76.0667	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.75	78.1	77.83	76.48
62	Zerpur_31643	Atal Jal	Bore Well	28.3314	76.0771	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.6	92.95	92.13	88.12
63	Bawana_31570	CGWB	Piezometer	28.3897	76.1778	48.66	50	51.8	51.25	52.7	53.84	55.3	56.1	NA	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
64	Bassai_31569	SGWD	Tube Well	28.4114	76.1743	26.67	29.1	30.5	29.77	30.27	30.27	32.77	32.47	34.27	33.27	33.67	34.07	35.07	35.27	35.27	34.77	39.94	39.2	39.07	38.77
65	Daroli Jat_31582	SGWD	Dug Well	28.1753	76.1547	19.6	20.4	21.3	22.65	24.15	24.15	25.6	23.6	25.1	22.4	22.8	23.2	24.9	25.3	25.4	24.5	25.2	25.4	19	14.01
66	Kothal khurd_31607	SGWD	Dug Well	28.2045	76.1739	17.8	17.1	18.45	18	17.5	17.5	19	18.7	18.8	17.3	17.5	17.8	18.85	19.5	19.2	18.9	19.1	19.2	Dry	Dry
67	Kurhawata_31611	SGWD	Tube Well	28.3002	76.1006	49.2	49.7	50.45	51.5	52	52	60	59.5	61.5	60	60.5	61	62.5	63	68	67	68	68.5	66	67.5
68	Nihalawas_31623	SGWD	Tube Well	28.1764	76.1105	96.7	97.1	98.5	100	110.5	110.5	112	110	112	111	111.2	111.7	112.8	113	113	112	113	113.2	71.2	67.02
69	Pali_31629	SGWD	Tube Well	28.3346	76.1320	34.25	34.3	34.8	35.5	35.8	35.8	37.5	37.2	39	38	38.5	39	39.5	40	40	39.5	41	42	63.7	60.9

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

State	Haryana				District	Mahendragarh					Block				Mahendragarh					
Month of Collection of sample for WQ monitoring*															May/June					
Gram Panchayat	Source	Type of well	Latitude	Longitude	Year	pH	EC	TDS	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	F	NO ₃	
Adalpur_31562	Atal Jal	Tube Well	28.395	76.1378	2024	8.72	5051	3246	597.9	140.4	60.08	852	44	23.19	447.7	186.1	993.7	2.6	123	
Bairawas_31563	Atal Jal	Tube Well	28.1828	76.0909	2024	5.96	835	501	92.77	20.64	10.01	131	7	0.006	69.99	46.66	155.3	0.41	25.5	
Balaycha_31565	Atal Jal	Tube Well	28.257	76.0752	2024	7.94	1559	878	164.9	37.15	17.52	230	12	1.064	128.9	81.86	269.1	0.71	39	
Banana	CGWB	Tube Well	29.9092	76.7322	2015	8.25	1667	ND	166.0	35.6	19.0	335.0	6.5	0.0	312.0	207.0	302.0	0.70	47.00	
Banana	CGWB	Tube Well	29.9092	76.7322	2016	7.62	1885	ND	209.0	48.0	21.0	321.0	6.0	0.0	294.0	152.0	328.0	0.50	68.00	
Banana	CGWB	Tube Well	29.9092	76.7322	2017	8.35	901	ND	250.0	42.0	35.0	105.0	3.4	24.0	159.0	212.0	63.0	0.10	1.00	
Banana	CGWB	Tube Well	29.9092	76.7322	2018	Sample not collected from this location														
Banana	CGWB	Tube Well	29.9092	76.7322	2019	8.06	3490	ND	760.0	156.0	90.0	458.0	11.0	0.0	268.0	81.0	982.0	0.30	74.00	
Banana	CGWB	Tube Well	29.9092	76.7322	2020	Sample not collected from this location														
Banana	CGWB	Tube Well	29.9092	76.7322	2021	Sample not collected from this location														
Banana	CGWB	Tube Well	29.9092	76.7322	2022	Sample not collected from this location														
Banana	CGWB	Tube Well	29.9092	76.7322	2023	Sample not collected from this location														
Banana	CGWB	Tube Well	29.9092	76.7322	2024	Sample not collected from this location														
Bass Khudana_265058	Atal Jal	Piezometer	28.4295	76.1455	2023	7.94	2210	1524	640	210	26.21	240	120	0.0	720.0	72	390	1.2	25	
Bass Khudana_265058	Atal Jal	Piezometer	28.4295	76.1455	2024	7.75	2051	1251	535.9	147.3	40.83	143	14	2.6	497.3	150.3	268	0.7	64.5	
Bassai_31569	Atal Jal	Piezometer	28.4119	76.1698	2023	7.53	4580	2880	1190	370	60	440	80	0.0	1110.0	170	760	2.77	0	
Bassai_31569	Atal Jal	Piezometer	28.4119	76.1698	2024	7.15	4265	2677	1145	311.4	89.32	306	30	1.4	1068.6	370.5	565.8	2.5	129.5	
Bawana_31570	Atal Jal	Piezometer	28.3707	76.1847	2023	7.56	2250	1350	429.3	128.2	26.51	348.7	38.12	0.0	273.7	109.9	475	2.03	57.15	
Bawana_31570	Atal Jal	Piezometer	28.3707	76.1847	2024	7.8	2075	1269	535.9	147.3	40.83	145	14	3.0	507.0	153.2	268	0.8	65.5	
Beri_31571	Atal Jal	Tube Well	28.2095	76.1548	2024	8.27	2564	1612	298.9	70.18	30.04	423	22	4.026	226	34.2	496.9	1.31	65	
Bhagdana_31572	Atal Jal	Tube Well	28.3189	76.151	2024	6.97	1346	779	144.3	33.02	15.02	204	11	0.096	109.9	72.64	238.1	0.63	35.5	
Bhandor Nichi_31573	Atal Jal	Tube Well	28.2339	76.1411	2024	6.08	1444	825	154.6	37.15	15.02	216	11	0.014	120	76.92	248.4	0.67	37	
Bhandor Unchi_31574	Atal Jal	Tube Well	28.2258	76.1724	2024	8.54	3767	2382	443.3	103.2	45.06	625	33	11.08	329.1	105.6	724.6	1.9	92.25	
Bhurjat_31575	Atal Jal	Tube Well	28.3801	76.1477	2024	6.36	2362	1318	247.4	57.79	25.04	346	18	0.041	190	122.9	403.7	1.07	54.5	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2015	8.02	4360	ND	644.0	89.0	103.0	800.0	6.5	0.0	351.0	684.0	708.0	0.56	432.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2016	8.13	3487	ND	418.0	35.0	80.0	617.0	4.5	0.0	233.0	353.0	677.0	0.51	298.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2017	8.05	1663	ND	822.0	37.0	177.0	46.0	5.0	0.0	244.0	336.0	253.0	1.49	11.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2018	7.87	5170	ND	1301.0	168.0	214.0	595.0	3.6	0.0	354.0	1201.0	730.0	0.15	29.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2019	Sample not collected from this location														
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2020	8.18	3610	ND	410.3	44.1	73.0	672.0	2.7	0.0	366.1	0.0	836.6	0.00	0.49	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2021	8.44	3692	ND	443.3	41.3	82.7	660.0	2.5	46.8	174.5	291.0	893.3	0.69	28.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2022	8.32	2951	ND	230.0	32.0	36.0	570.0	7.0	62.0	317.0	1.9	724.0	1.20	110.00	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2023	8.13	304	ND	120.0	36.0	7.3	24.5	3.7	0.0	146.4	0.0	35.5	0.44	1.55	
Buchawas_31518	CGWB	Tube Well	28.3	76.2167	2024	8.87	11720	0	980.8	28.06	221.3	2375	14	172.8	424.7	1357	2850	0.68	22	
Bucholi_31576	Atal Jal	Pizeometer	28.2774	76.1903	2024	8.25	1281	826	346.8	96.79	25.52	94	9	5.516	324.5	84.9	178.7	0.3	45.25	
Budeen_31577	Atal Jal	Tube Well	28.2476	76.0685	2024	6.61	4519	2817	525.7	123.8	52.57	739	38	0.153	399.8	145.8	859.2	2.26	107.8	
Chamdhera_31579	Atal Jal	Tube Well	28.249	76.1578	2024	8.04	1380	840	154.6	37.15	15.02	220	11	1.237	118.7	78.35	258.8	0.68	37.5	
Chhajiawas_31578	Atal Jal	Tube Well	28.218	76.0974	2024	6.77	1698	1097	206.2	49.54	20.02	288	15	0.089	159.9	102.3	331.2	0.89	46.75	
Chitlang_31580	Atal Jal	Tube Well	28.254	76.1957	2024	8.16	1844	1164	216.5	49.54	22.53	305	16	2.31	167.6	108.5	352	0.95	49	
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2015	8.55	414	ND	144.0	26.7	19.0	45.0	0.6	6.5	215.0	30.0	13.7	0.46	1.09	
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2016	8.67	458	ND	209.0	26.0	35.0	30.0	0.5	36.0	159.0	27.0	28.0	0.57	7.00	

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
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2017	7.56	5920	ND	1571.0	104.0	318.0	757.0	7.0	0.0	342.0	790.0	1271.0	0.74	392.00
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2018	8.54	663	ND	258.0	27.0	46.0	64.0	1.0	13.0	341.0	44.0	21.0	1.14	19.00
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2019	8.8	580	ND	220.0	12.0	46.0	70.7	2.7	72.0	183.0	6.7	56.0	1.96	14.00
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2020	8.56	606	ND	220.2	28.1	36.5	44.0	1.0	36.0	256.3	0.0	14.2	1.61	14.00
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2021	8.8	535	ND	185.5	16.5	35.1	61.0	0.8	78.0	206.2	0.0	14.2	2.41	8.50
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2022	8.52	606	ND	180.0	20.0	32.0	60.0	2.0	50.0	178.0	12.0	28.0	2.70	21.00
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2023	8.44	830	ND	210.0	32.0	31.6	120.0	1.0	48.0	378.2	0.0	35.5	2.20	12.23
Daroli Jat_31582	CGWB	Hand Pump	28.1733	76.1564	2024	7.97	2295	0	150.1	11.9	29.26	480	2.43	Nil	1001	105	171.9	2.5	19
Dewas_31583	Atal Jal	Piezometer	28.2409	76.1857	2023	7.82	1090	686.7	217.1	70.99	9.67	170	18.58	0.0	166.6	53.56	230.4	1.16	27.86
Dewas_31583	Atal Jal	Piezometer	28.2409	76.1857	2024	7.98	1082	614	262.7	71.54	20.42	70	7	2.2	247.7	52.2	129	0	35.5
Dholi_31586	Atal Jal	Piezometer	28.3535	76.1183	2023	7.25	4930	3228	1360	450	55.18	505	260	0.0	1520.0	152	830	2.45	55
Dholi_31586	Atal Jal	Piezometer	28.3535	76.1183	2024	7.41	4834	2717	1156	315.6	89.33	310	30	2.6	1087.4	377.2	575.7	2.6	131.3
Dulana_31588	Atal Jal	Piezometer	28.2586	76.1818	2023	7.81	942	584	197.4	67.05	7.27	137.9	15.08	0.0	166.6	43.47	187.6	1.36	22.59
Dulana_31588	Atal Jal	Piezometer	28.2586	76.1818	2024	7.43	914	592	252.2	67.33	20.42	68	7	0.6	239.4	48.4	129	0	34.75
Duloth Ahir_31589	Atal Jal	Tube Well	28.199	76.06	2024	7	2308	1376	257.7	57.79	27.54	361	19	0.188	199.8	12.1	424.4	1.11	56.5
Gadania_31590	Atal Jal	Tube Well	28.1852	76.0783	2024	6.96	2848	1714	319.6	74.3	32.55	450	23	0.214	249.8	43.2	527.9	1.39	68.5
Garhi_31592	Atal Jal	Piezometer	28.4147	76.1165	2023	7.42	12460	7026	2940	930	150	1070	200	0.0	2760.0	420	1920	1.82	0
Garhi_31592	Atal Jal	Piezometer	28.4147	76.1165	2024	7.28	11335	6572	2806	761.7	219.5	750	74	4.7	2635.3	972.4	1390	7.3	306.5
Gulawala_245952	Atal Jal	Piezometer	28.1515	76.1135	2023	7.34	7610	4598	660	210	31.67	1950	370	0.0	520.0	32	3960	2.27	20
Gulawala_245952	Atal Jal	Piezometer	28.1515	76.1135	2024	6.91	6883	4109	1755	475.5	137.8	469	46	1.3	1648.7	591.6	873.5	4.3	194.5
Janjariawas_31593	Atal Jal	Tube Well	28.2498	76.1075	2024	8.08	2794	1650	309.3	70.18	32.54	433	23	2.712	237.3	36.8	507.2	1.34	66.25
Jant_31594	Atal Jal	Tube Well	28.3622	76.151	2024	7.47	1574	975	185.6	41.28	20.03	256	13	0.388	139.6	90.82	300.2	0.79	42.25
Jasawas_31596	Atal Jal	Tube Well	28.2421	76.169	2024	6.6	3252	1948	360.8	82.56	37.55	511	27	0.105	279.9	65.3	600.4	1.58	76.75
Jatwas_31597	Atal Jal	Tube Well	28.2446	76.1234	2024	6.8	3057	1942	360.8	82.56	37.55	509	26	0.166	279.8	64	590	1.58	76.75
Jhook_31598	Atal Jal	Piezometer	28.3172	76.1786	2023	8.29	1610	949.9	286.2	90.71	14.49	248.7	27.19	0.0	178.5	78.42	332.5	1.61	40.76
Jhook_31598	Atal Jal	Piezometer	28.3172	76.1786	2024	8.58	1506	842	357.3	96.79	28.07	96	9	12.2	328.1	86.8	178.7	0.3	46
Jonawas_31599	Atal Jal	Tube Well	28.2269	76.1239	2024	6.55	4786	2892	536	123.8	55.08	759	39	0.14	419.9	153.6	879.9	2.32	110.3
Khaira_31600	Atal Jal	Tube Well	28.2549	76.1233	2024	7.29	10938	6937	1289	301.4	130.2	1820	95	1.833	998.2	530.3	2122	5.5	201.5
Khairoli_31601	Atal Jal	Tube Well	28.2022	76.1084	2024	8.04	3007	1859	340.2	82.56	32.54	488	25	2.783	267.2	56.2	569.3	1.51	73.75
Kharkhra(Akoda)_31602	Atal Jal	Tube Well	28.4077	76.1425	2024	5.89	2445	1513	278.3	66.05	27.54	397	21	0.016	220	25.1	465.8	1.23	61.5
Khatiwās_31603	Atal Jal	Tube Well	28.201	76.1466	2024	6.22	2644	1717	319.6	74.3	32.55	450	23	0.039	250	43.2	527.9	1.39	68.5
Khatod_31604	Atal Jal	Tube Well	28.2654	76.1049	2024	8.75	491	314	61.85	12.38	7.51	82	4	2.643	47.22	29.26	93.16	0.25	19
Khatodra_31605	Atal Jal	Tube Well	28.2758	76.0885	2024	9.12	3557	1966	360.8	86.69	35.05	516	27	34.7	248.5	66.6	600.4	1.59	77.5
Khera_31536	Atal Jal	Tube Well	28.2696	76.2131	2024	8.71	1895	1214	226.8	53.66	22.53	318	17	8.196	161.9	113.2	372.7	0.99	51
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2015	8.63	2110	ND	67.0	13.0	8.4	522.0	6.8	48.0	752.0	204.0	165.0	11.50	13.83
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2016	8.78	1911	ND	44.0	8.8	5.4	422.0	1.5	97.0	552.0	97.0	147.0	5.43	12.70
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2017	8.31	2811	ND	323.0	33.0	58.0	535.0	5.0	60.0	671.0	200.0	400.0	11.61	42.00
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2018	8.55	1677	ND	129.0	22.0	18.0	356.0	1.3	52.0	630.0	42.0	167.0	2.09	15.00
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2019	8.36	2960	ND	620.0	56.0	117.0	432.0	18.0	36.0	146.0	213.0	822.0	0.47	15.00
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2020	Sample not collected from this location													
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2021	8.94	1440	ND	82.5	8.3	15.0	315.0	5.2	140.4	507.7	0.0	99.3	4.68	4.80
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2022	8.58	792	ND	90.0	8.0	17.0	142.0	2.0	62.0	305.0	4.8	21.0	4.00	6.00
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2023	8.39	1502	ND	350.0	40.0	60.0	195.0	2.0	36.0	354.0	84.0	220.0	1.80	1.00
Kheri_31537	CGWB	Step Well	28.3765	76.2336	2024	8.95	1443	0	110.1	7.936	21.94	300	1.36	72	427.1	95	123.8	3	12
Kherki_31606	Atal Jal	Tube Well	28.1662	76.0885	2024	8.19	1397	773	144.3	33.02	15.02	203	11	1.601	108.3	71.99	238.1	0.63	35
Kothal Kalan_31609	Atal Jal	Pizeometer	28.192	76.1663	2024	8.11	3102	1964	840.7	227.2	66.36	224	22	9.567	780.5	260.9	416.9	1.6	97
Kothal khurd_31607	Atal Jal	Pizeometer	28.2025	76.1771	2024	6.94	1602	1030	441.4	117.8	35.73	118	12	0.336	409.7	115.7	218.4	0.5	54.5

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
Kuksi_31610	Atal Jal	Piezometer	28.1673	76.125	2023	7.59	1102	650.2	217.1	74.94	7.28	156.1	17.07	0.0	172.6	49.22	211.4	1.27	25.59
Kuksi_31610	Atal Jal	Piezometer	28.1673	76.125	2024	7.23	1087	632	273.2	71.54	22.97	72	7	0.4	249.6	55.1	129	0	36.5
Kurhawata_31611	Atal Jal	Tube Well	28.2947	76.098	2024	8.4	900	572	103.1	24.77	10.01	150	8	1.889	78.03	53.29	176	0.47	28
Lawan_31612	Atal Jal	Pizeometer	28.3426	76.1565	2024	7.53	2202	1318	557	151.5	43.39	150	15	1.688	528.3	160.9	277.9	0.9	67.75
Majra Kalan_31614	Atal Jal	Piezometer	28.3044	76.1631	2023	8.18	1250	787.5	207.2	69.02	8.47	214.1	23.41	0.0	125.0	67.45	285	1.48	35.09
Majra Kalan_31614	Atal Jal	Piezometer	28.3044	76.1631	2024	8.18	1173	704	304.7	79.96	25.52	80	8	4.0	276.0	65.7	148.9	0	39.75
Majra Khurd_31615	Atal Jal	Tube Well	28.2825	76.1569	2024	6.49	1702	981	185.6	41.28	20.03	257	13	0.041	140	91.47	300.2	0.8	42.75
Malra Sarai_31617	Atal Jal	Tube Well	28.346	76.1728	2024	8.06	2025	1240	226.8	53.66	22.53	325	17	1.943	178	115.6	383	1.01	51.75
Mandola_31618	Atal Jal	Tube Well	28.3453	76.0747	2024	8.49	1675	1037	195.9	45.41	20.03	272	14	4.357	145.6	96.66	320.9	0.84	44.5
Meghanwas_31541	Atal Jal	Tube Well	28.2604	76.1941	2024	9	3038	1740	319.6	74.3	32.55	456	24	23.5	228.1	45.8	527.9	1.41	69.5
Nanagwas_31619	Atal Jal	Piezometer	28.183	76.1724	2023	8.55	2990	1794	542.7	197.2	12.22	455.4	49.79	32.0	345.1	143.6	617.5	2.31	74.65
Nanagwas_31619	Atal Jal	Piezometer	28.183	76.1724	2024	8.8	2891	1808	767.1	210.4	58.7	206	20	43.3	688.8	235.9	387.1	1.5	90
Nangal Sirohi_31621	Atal Jal	Tube Well	28.1936	76.1323	2024	6.36	3396	1958	360.8	86.69	35.05	514	27	0.06	279.9	65.3	600.4	1.59	77.25
Nihalawas_31623	Atal Jal	Tube Well	28.177	76.1073	2024	8.07	709	423	82.47	16.51	10.02	111	6	0.663	59.29	39.39	124.2	0.34	22.75
Nimbhera_31624	Atal Jal	Tube Well	28.258	76.0954	2024	7.8	3072	1737	319.6	74.3	32.55	456	24	1.483	248.5	45.8	527.9	1.41	69.25
Nimbi_31625	Atal Jal	Tube Well	28.2182	76.0908	2024	7.35	1356	834	154.6	37.15	15.02	219	11	0.253	119.7	77.7	258.8	0.68	37.5
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2015	8.48	877	ND	55.0	13.3	5.0	212.0	2.5	6.5	390.0	72.0	55.0	1.83	19.00
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2016	8.96	952	ND	66.0	22.0	2.7	185.0	2.2	60.0	344.0	BDL	63.0	0.43	19.00
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2017	8.27	1991	ND	635.0	79.0	106.0	250.0	2.1	0.0	305.0	356.0	309.0	0.85	143.00
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2018	8.62	936	ND	86.0	22.0	7.8	189.0	1.9	26.0	420.0	4.0	69.0	1.24	15.00
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2019	8.45	2340	ND	650.0	44.0	131.0	290.0	9.0	60.0	159.0	218.0	574.0	0.81	0.20
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2020	8.34	2510	ND	280.2	36.1	46.2	472.0	4.2	24.0	219.7	271.0	538.8	0.90	0.61
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2021	8.87	1230	ND	113.4	8.3	22.5	245.0	2.1	109.2	317.3	0.0	156.0	2.30	7.20
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2022	8.26	2140	ND	290.0	28.0	54.0	352.0	12.0	0.0	368.0	127.0	432.0	1.30	0.50
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2023	8.03	1700	ND	270.0	52.0	34.0	260.0	3.2	0.0	451.4	0.0	319.5	1.40	9.47
Paiga_31627	CGWB	Tube Well	28.2475	76.1414	2024	8.25	1930	0	180.1	15.87	34.15	370	2.86	Nil	329.5	272	295.7	1	14
Pal_31626	Atal Jal	Tube Well	28.182	76.0838	2024	7.32	1146	659	123.7	28.9	12.51	173	9	0.177	89.81	61.47	196.7	0.53	31
Palh_31628	Atal Jal	Tube Well	28.1831	76.1178	2024	6.63	1969	1113	206.2	49.54	20.02	292	15	0.064	159.9	103.8	341.6	0.9	47.25
Pali_31629	Atal Jal	Piezometer	28.3383	76.1323	2023	7.56	3270	2270	950	320	38.63	355	180	0.0	1070.0	108	580	0.75	40
Pali_31629	Atal Jal	Piezometer	28.3383	76.1323	2024	7.76	3266	1914	819.7	223	63.81	218	21	4.2	765.8	253.2	407	1.6	94.75
Palri Panihar_31630	Atal Jal	Tube Well	28.3158	76.13	2024	8.67	3708	2145	402	94.94	40.06	563	29	13.63	296.7	83.5	652.1	1.72	83.75
Riwasaa_31633	Atal Jal	Tube Well	28.2833	76.1438	2024	7.17	7140	3972	742.2	173.4	75.1	1042	54	0.793	569.2	253.6	1211	3.2	148.5
Sisoth_31636	Atal Jal	Tube Well	28.2913	76.137	2024	7.96	4465	2545	474.2	111.5	47.56	668	35	3.172	366.8	121.2	776.4	2.04	98
Surjanwas_31557	Atal Jal	Piezometer	28.2482	76.2084	2023	7.85	2230	1405	345.4	106.5	19.3	387.4	42.36	0.0	220.2	122.1	522.5	1.94	63.5
Surjanwas_31557	Atal Jal	Piezometer	28.2482	76.2084	2024	8.05	2101	1164	493.9	134.7	38.28	133	13	5.0	465.0	136.8	248.2	0.7	60.75
Ushmapur_31642	Atal Jal	Tube Well	28.3221	76.0684	2024	8.66	1101	626	113.4	28.9	10.01	164	9	3.867	86.07	58.35	186.3	0.51	30
Zerpur_31643	Atal Jal	Tube Well	28.3251	76.0656	2024	6.61	928	596	113.4	24.77	12.52	156	8	0.034	89.96	55.49	186.3	0.48	29

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
Mahendragarh_69	Mahendragarh_524	Atal Jal	Adalpur_31562	28.395	76.1378	ND	ND	ND	ND	5051
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bairawas_31563	28.1828	76.0909	ND	ND	ND	ND	835
Mahendragarh_69	Mahendragarh_524	Atal Jal	Balaycha_31565	28.257	76.0752	ND	ND	ND	ND	1559
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bass Khudana_265058	28.4295	76.1455	ND	ND	ND	2210	2051
Mahendragarh_69	Mahendragarh_524	SGWB	Bassai	28.3762	76.2653	3000	3000	2800	2700	2800
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bassai_31569	28.4119	76.1698	ND	ND	ND	4580	4265
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bawana_31570	28.3707	76.1847	ND	ND	ND	2250	2075

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
Mahendragarh_69	Mahendragarh_524	Atal Jal	Beri_31571	28.2095	76.1548	ND	ND	ND	ND	2564
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bhagdana_31572	28.3189	76.151	ND	ND	ND	ND	1346
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bhandor Nichi_31573	28.2339	76.1411	ND	ND	ND	ND	1444
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bhandor Unchi_31574	28.2258	76.1724	ND	ND	ND	ND	3767
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bhurjat_31575	28.3801	76.1477	ND	ND	ND	ND	2362
Mahendragarh_69	Mahendragarh_524	Atal Jal	Bucholi_31576	28.2774	76.1903	ND	ND	ND	ND	1281
Mahendragarh_69	Mahendragarh_524	Atal Jal	Budeen_31577	28.2476	76.0685	ND	ND	ND	ND	4519
Mahendragarh_69	Mahendragarh_524	Atal Jal	Chamdhera_31579	28.249	76.1578	ND	ND	ND	ND	1380
Mahendragarh_69	Mahendragarh_524	Atal Jal	Chhajiawas_31578	28.218	76.0974	ND	ND	ND	ND	1698
Mahendragarh_69	Mahendragarh_524	Atal Jal	Chitlang_31580	28.254	76.1957	ND	ND	ND	ND	1844
Mahendragarh_69	Mahendragarh_524	SGWB	Deroli Jat	28.3636	76.3142	1900	1900	2200	2100	2200
Mahendragarh_69	Mahendragarh_524	Atal Jal	Dewas_31583	28.2409	76.1857	ND	ND	ND	1090	1082
Mahendragarh_69	Mahendragarh_524	Atal Jal	Dholi_31586	28.3535	76.1183	ND	ND	ND	4930	4834
Mahendragarh_69	Mahendragarh_524	Atal Jal	Dulana_31588	28.2586	76.1818	ND	ND	ND	942	914
Mahendragarh_69	Mahendragarh_524	Atal Jal	Duloth Ahir_31589	28.199	76.06	ND	ND	ND	ND	2308
Mahendragarh_69	Mahendragarh_524	Atal Jal	Gadania_31590	28.1852	76.0783	ND	ND	ND	ND	2848
Mahendragarh_69	Mahendragarh_524	Atal Jal	Garhi_31592	28.4147	76.1165	ND	ND	ND	12460	11335
Mahendragarh_69	Mahendragarh_524	Atal Jal	Gulawala_245952	28.1515	76.1135	ND	ND	ND	7610	6883
Mahendragarh_69	Mahendragarh_524	Atal Jal	Janjariawas_31593	28.2498	76.1075	ND	ND	ND	ND	2794
Mahendragarh_69	Mahendragarh_524	Atal Jal	Jant_31594	28.3622	76.151	ND	ND	ND	ND	1574
Mahendragarh_69	Mahendragarh_524	Atal Jal	Jasawas_31596	28.2421	76.169	ND	ND	ND	ND	3252
Mahendragarh_69	Mahendragarh_524	Atal Jal	Jatwas_31597	28.2446	76.1234	ND	ND	ND	ND	3057
Mahendragarh_69	Mahendragarh_524	Atal Jal	Jhook_31598	28.3172	76.1786	ND	ND	ND	1610	1506
Mahendragarh_69	Mahendragarh_524	Atal Jal	Jonawas_31599	28.2269	76.1239	ND	ND	ND	ND	4786
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khaira_31600	28.2549	76.1233	ND	ND	ND	ND	10938
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khairoli_31601	28.2022	76.1084	ND	ND	ND	ND	3007
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kharkhra(Akoda)_31602	28.4077	76.1425	ND	ND	ND	ND	2445
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khatiwas_31603	28.201	76.1466	ND	ND	ND	ND	2644
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khatod_31604	28.2654	76.1049	ND	ND	ND	ND	491
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khatodra_31605	28.2758	76.0885	ND	ND	ND	ND	3557
Mahendragarh_69	Mahendragarh_524	Atal Jal	Khera_31536	28.2696	76.2131	ND	ND	ND	ND	1895
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kherki_31606	28.1662	76.0885	ND	ND	ND	ND	1397
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kothal Kalan_31609	28.192	76.1663	ND	ND	ND	ND	3102
Mahendragarh_69	Mahendragarh_524	SGWB	Kothal Khurd	28.3331	76.301	4900	3900	3500	3300	3400
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kothal khurd_31607	28.2025	76.1771	ND	ND	ND	ND	1602
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kuksi_31610	28.1673	76.125	ND	ND	ND	1102	1087
Mahendragarh_69	Mahendragarh_524	SGWB	Kurahwata	28.2916	76.28	3000	2900	2600	2600	2700
Mahendragarh_69	Mahendragarh_524	Atal Jal	Kurhawata_31611	28.2947	76.098	ND	ND	ND	ND	900
Mahendragarh_69	Mahendragarh_524	Atal Jal	Lawan_31612	28.3426	76.1565	ND	ND	ND	ND	2202
Mahendragarh_69	Mahendragarh_524	Atal Jal	Majra Kalan_31614	28.3044	76.1631	ND	ND	ND	1250	1173
Mahendragarh_69	Mahendragarh_524	Atal Jal	Majra Khurd_31615	28.2825	76.1569	ND	ND	ND	ND	1702
Mahendragarh_69	Mahendragarh_524	Atal Jal	Malra Sarai_31617	28.346	76.1728	ND	ND	ND	ND	2025
Mahendragarh_69	Mahendragarh_524	Atal Jal	Mandola_31618	28.3453	76.0747	ND	ND	ND	ND	1675
Mahendragarh_69	Mahendragarh_524	Atal Jal	Meghanwas_31541	28.2604	76.1941	ND	ND	ND	ND	3038
Mahendragarh_69	Mahendragarh_524	Atal Jal	Nanagwas_31619	28.183	76.1724	ND	ND	ND	2990	2891
Mahendragarh_69	Mahendragarh_524	Atal Jal	Nangal Sirohi_31621	28.1936	76.1323	ND	ND	ND	ND	3396

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
Mahendragarh_69	Mahendragarh_524	SGWB	Nihalawas	28.3586	76.2484	2300	2500	2400	2700	2800
Mahendragarh_69	Mahendragarh_524	Atal Jal	Nihalawas_31623	28.177	76.1073	ND	ND	ND	ND	709
Mahendragarh_69	Mahendragarh_524	Atal Jal	Nimbhera_31624	28.258	76.0954	ND	ND	ND	ND	3072
Mahendragarh_69	Mahendragarh_524	Atal Jal	Nimbi_31625	28.2182	76.0908	ND	ND	ND	ND	1356
Mahendragarh_69	Mahendragarh_524	Atal Jal	Pal_31626	28.182	76.0838	ND	ND	ND	ND	1146
Mahendragarh_69	Mahendragarh_524	Atal Jal	Palh_31628	28.1831	76.1178	ND	ND	ND	ND	1969
Mahendragarh_69	Mahendragarh_524	SGWB	Pali	28.3329	76.3055	2700	2700	2800	2800	2900
Mahendragarh_69	Mahendragarh_524	Atal Jal	Pali_31629	28.3383	76.1323	ND	ND	ND	3270	3266
Mahendragarh_69	Mahendragarh_524	SGWB	Palri	28.2879	76.2214	3100	3000	2800	2800	2900
Mahendragarh_69	Mahendragarh_524	Atal Jal	Palri Panihar_31630	28.3158	76.13	ND	ND	ND	ND	3708
Mahendragarh_69	Mahendragarh_524	Atal Jal	Riwasa_31633	28.2833	76.1438	ND	ND	ND	ND	7140
Mahendragarh_69	Mahendragarh_524	Atal Jal	Sisoth_31636	28.2913	76.137	ND	ND	ND	ND	4465
Mahendragarh_69	Mahendragarh_524	Atal Jal	Surjanwas_31557	28.2482	76.2084	ND	ND	ND	2230	2101
Mahendragarh_69	Mahendragarh_524	Atal Jal	Ushmapur_31642	28.3221	76.0684	ND	ND	ND	ND	1101
Mahendragarh_69	Mahendragarh_524	Atal Jal	Zerpur_31643	28.3251	76.0656	ND	ND	ND	ND	928