



ATAL BHUJAL YOJANA (Atal Jal)

State : Maharashtra

**Department : Ground Water Surveys And
Development Agency**

HYDROGEOLOGICAL REPORT

BLOCK : Khanapur

DISTRICT : Sangli

YEAR : 2020

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

DATE OF DISCLOSURE: ...25/11/2020

HYDROGEOLOGICAL REPORT

(YEAR : 2019-20)

STATE	:	Maharashtra
DISTRICT	:	Sangli
BLOCK/TALUKA	:	Khanapur
BLOCK/TALUK HQs	:	Vita

A GENERAL INFORMATION					
1.	Geographical area (Ha)	:	71597.22		
2.	No. of Gram Panchayats	:	56		
3.	No. of towns	:	2		
4.	No. of villages	:	66		
5.	Population (2011)	:	Male	Female	Total
			59931	61994	121925
6.	Rainfall (mm) (Average)	:	Monsoon	Non-monsoon	Annual
			463.69 mm.	180.48 mm.	644.17 mm.
7.	River basin	:	2 Basins (Krishna - KR and Bhima - BM)		
8.	Major soil types	:	Black Soil		

B LAND USE			
1.	Forest area (Ha)	:	7659.7
2.	Cultivable area (Ha)	:	49147.82
3.	Net sown area (Ha)	:	45177.5
4.	Gross cropped area (Ha)	:	48276.3

C CROPPING PATTERN (As in 2019-20)						
1.	Major crops grown	:	Kharif	Rabi	Summer	Perennial
			Maiz	Jawar	Maiz	Sugarcane
			Jawar	Wheat	Groundnut	
			Millet	Maiz		
			Toor	Gram		
			Moong	Karadai		
			Groundnut			
			Soyabean			
			Uarad			

D IRRIGATION FACILITIES (As in 2019-20)							
1.	Net irrigated area (Ha)	:	4552.3				
2.	Gross irrigated area (Ha)	:	5047.2				
3.	Area under irrigation (Ha) (Source-wise)	:	DW	BW/TW	Tanks/Ponds	Canals	Others
			3959.7		270.7	316.9	5

E		GEOLOGY & HYDROGEOLOGY	
1.	Predominant rock type	:	Hard Rock (Basalt)
2.	Major geological formations	:	Basalt (Deccan Trap)
3.	Important water-bearing formations	:	Fractured Jointed Basalt
4.	Status of coverage under NAQUIM	:	Not Covered.

F		GROUND WATER CONDITIONS						
1.	No. of wells used for Water Level (WL) monitoring.	:	Open wells			BW/TW/ PZ		
			CGWB	SGWD	Total	CGWB	SGWD	Total
			7	9	16			
2.	Monitoring mechanism (Nos.)	:	Manual		DWLR		Telemetry	
			CGWB	SGWD	CGWB	SGWD	CGWB	SGWD
			7	9				
3.	Monitoring frequency	:	Agency	No. of times monitored/year				
			CGWB	4				
			SGWD	4				
4.	Period of water level data availability.	:	Agency	Period of WL data availability (From - To)				
				From (year)		To (year)		
			CGWB	2015		2019		
			SGWD	2015		2019		
5.	Water level range (m.bgl)	:	Minimum/Village			Maximum/Village		
	Pre-monsoon (Year 2019)		7.0/Sulewadi			12.90/Mahuli		
	Post-monsoon (Year 2019)		0.80/Sulewadi			6.60/Mahuli		
6.	Seasonal WL fluctuation range (m)	:	Minimum/ Village			Maximum/ Village		
			3.5/Bhood			9.9/Balvadi		

G		GROUND WATER QUALITY						
1.	No. of wells used for Water Quality (WQ) monitoring.	:	Open Wells			BW/TW/ PZ		
			CGWB	SGWD	Total	CGWB	SGWD	Total
			7	9	16			
2.	Monitoring frequency	:	Agency	No. of times monitored/year				
			CGWB	2				
			SGWD	2				
3.	Period of water quality data availability	:	Agency	Period of WQ data availability (Years)				
			CGWB	2015-19				
			SGWD	2015 to 2019				
4.	Parameters analysed	:	Agency	Parameters Analysed				
			CGWB	Temperature, pH, EC, TDS, Total Hardness, Alkalinity, Calcium, Chloride, Nitrate, Sulphate, Fluoride, Iron.				
			SGWD	Temperature, pH, EC, TDS, Total Hardness, Alkalinity, Calcium, Chloride, Nitrate, Sulphate, Fluoride, Iron.				
5.	Known ground water quality issues, if any	:	--					

H. GROUND WATER RESOURCES						
1.	Latest assessment year		2017			
2.	Assessment Unit		Watershed			
3.	Annual extractable GW resource (ha.m)		14667.15			
4.	Current annual GW extraction (ha.m)		4900.16			
5.	Net GW availability for future use (ha.m)		8312.45			
6.	Stage of GW extraction (%)		33.40			
7.	Category of block/taluk/(2017)		Safe			
8.	Category of block/taluk/ in previous assessments		2013	2011	2009	2004
			Safe	Safe	Safe	Safe

I WATER-RELATED SCHEMES				
1.	Schemes with a bearing on ground water, being implemented in the block / taluk.			
	Centrally Sponsored /Central Sector Schemes	i)	Jal Jeevan Mission	
		ii)	MGNREGA	
			PMKSY	
	State Schemes	i)	Dr. Babasaheb Ambedkar Krushi Swavalamban Yojana	

J GROUND WATER RELATED ISSUES				
1.	Ground water related issues of the block/			
	i) Issues related to GW availability	:	1) The area of the taluka is draught prone with less rainfall recharge. 2) Increased number of bore wells with increased depth. 3) In absence of adequate rainfall, the non-command zone faces more scarcity of water; while, in case of the command areas, the rotations of the lift irrigation schemes govern the short-term availability of the groundwater to the wells.	
	ii) Issues related to GW quality	:	1) There are no serious or drastic issues of the GW quality except some sporadic increased levels of the nitrates during year 2019-20	
	iii) Other issues if any.	:	--	

TABLE-01

BASIC DATA OF WATER LEVEL (WL)/WATER QUALITY (WQ) WELLS LOCATIONS

STATE-MAHARASHTRA, DISTRICT-SANGLI, TALUKA-KHANAPUR

Sl. No	Well No.	Village Name	Long.	Lat.	Type of well (DW/BW/TW/PZ)	Reduced Level (m.amsl)	Aquifer tapped	Height of measuring point (m.agl)	Depth (m.bgl)	Diameter (m)	Purpose of monitoring (WL / WQ / WL & WQ)	Monitoring mechanism (Manual/ DWLR/ Telemetry)	Agency
1	W171756074431601	Balvadi	74.7211111	17.2988889	DW	545	FJB	0	10.7	3	WL	Manual	SGWD
2	W171259074263501	Bhalwani	74.4432778	17.1568468	DW	620	FJB	0	11.4	2.5	WL	Manual	SGWD
3	W172422074370001	Bhaurayachiwadi	74.6166667	17.4061111	DW	768	FJB	0	11.1	3	WL	Manual	SGWD
4	W172009074411501	Bhood	74.6875000	17.3358333	DW	782	FJB	0	9.9	3	WL	Manual	SGWD
5	W171512074391001	Ghoti Kh.	74.6517778	17.2541944	DW	844	FJB	0	10.45	4.1	WL	Manual	SGWD
6	W171207074322801	Karve	74.5396111	17.1998333	DW	634	FJB	0	10.8	3.5	WL	Manual	SGWD
7	W172423074321701	Mahuli	74.5380556	17.4063889	DW	682	FJB	0	11.9	3	WL	Manual	SGWD
8	W171615074341501	Sulewadi	74.5708333	17.2708333	DW	715	FJB	0	10.1	3.7	WL	Manual	SGWD
9	W172231074353001	Vejegaon	74.5913611	17.3768611	DW	782	FJB	0	14.8	3	WL	Manual	SGWD

TABLE-01-Continued

Sl. No	Well No.	Village Name	Long.	Lat.	Type of well (DW/BW/TW/PZ)	Reduced Level (m.amsl)	Aquifer tapped	Height of measuring point (m.agl)	Depth (m.bgl)	Diameter (m)	Purpose of monitoring (WL WQ / WL & WQ)	Monitoring mechanism (Manual/ DWLR/Telemetry)	Agency
1	W171300074490001	Palashi	74.8167	17.2167	DW	410.92	VB		15		WL & WQ	Manual	CGWB
2	W171305074490501	Palashi-1	74.8181	17.2181	DW	840.6	VB		16		WL & WQ	Manual	CGWB
3	W171553074430701	Khanapur	74.7186	17.2647	DW	839	VB		8.6		WL & WQ	Manual	CGWB
4	W171700074320001	Vita	74.5333	17.2833	DW	684.54	VB		8.2		WL & WQ	Manual	CGWB
5	W171900074440001	Menganwadi	74.7333	17.3167	DW	835	VB		9.26		WL & WQ	Manual	CGWB
6	W171940074313501	Ghanwad_Anandp	74.5264	17.3278	DW	672	VB		14		WL & WQ	Manual	CGWB
7	W172400074320001	Mahuli	74.5333	17.4	DW	680.82	VB		14		WL & WQ	Manual	CGWB

TABLE-02													
WATER LEVEL (WL) DATA OF MONITORING WELLS-SGWD													
STATE-MAHARASHTRA, DISTRICT-SANGLI, TALUKA-KHANAPUR													
Sr.No.	Well ID	Well Type	Village	May-15	Oct-15	May-16	Oct-16	May-17	Oct-17	May-18	Oct-18	May-19	Oct-19
1	W171756074431601	DW	Balvadi	8.1	6.9	10	7.5	9.1	8.7	9.35	9.3	10.5	1.6
2	W171259074263501	DW	Bhalwani	4.9	3.8	4.95	4.3	3.4	3.7	3.7	4	7.96	1.9
3	W172422074370001	DW	Bhaurayachiwadi	6.8	6.3	7.2	5.7	6.7	5.3	7.05	7.2	8.3	4.5
4	W172009074411501	DW	Bhood	5.8	4.95	7.1	4.65	6.7	4.6	5.3	4.7	7	3.5
5	W171512074391001	DW	Ghoti Kh.	8.3	3.4	8.4	2.9	9.6	5.5	7.5	7.2	10.4	2.7
6	W171207074322801	DW	Karve	8.3	6.25	7.6	3.8	9.3	6.4	9.3	5.7	9.3	3.9
7	W172423074321701	DW	Mahuli	9.8	6.3	7.8	5.3	9.5	5.9	11	10.2	12.9	6.6
8	W171615074341501	DW	Sulewadi	5.1	3.4	4.85	3.55	6.7	2.4	6.1	3.2	7	0.8
9	W172231074353001	DW	Vejegaon	7.4	7.9	13.5	5.4	14.1	5.6	13.5	5.4	7.2	4.2

TABLE-02-Continued													
WATER LEVEL (WL) DATA OF MONITORING WELLS-CGWB													
STATE-MAHARASHTRA, DISTRICT-SANGLI, TALUKA-KHANAPUR													
Sr.No.	Well ID	Well Type	Village	May-15	Nov-15	May-16	Nov-16	May-17	Nov-17	May-18	Nov-18	May-19	Nov-19
1	W171300074490001	DW	Palashi										
2	W171305074490501	DW	Palashi-1		13.3	7	5.7	16	4.2	13	9.2	14.3	2.3
3	W171553074430701	DW	Khanapur				5.1	8.59	4.7		8.59	8.5	3.1
4	W171700074320001	DW	Vita										
5	W171900074440001	DW	Menganwadi										
6	W171940074313501	DW	Ghanwad_Anandpur	10.3	3	9		11.8	3.65	0.8	3.5	7.6	1.8
7	W172400074320001	DW	Mahuli										

TABLE-03- Continued

WATER QUALITY (WQ) DATA OF MONITORING STATIONS-SGWD																		
STATE-MAHARASHTRA, DISTRICT-SANGLI, TALUKA-KHANAPUR																		
Sr. No.	Name of Village	Type of Source	Year	Sample Testing Date	Temp	pH	EC	TDS (mg/L)	Alkalinity (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (mg/L)	Sulphate (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Ca (mg/L)	Mg (mg/L)	Remark
1	BALAWADI (BH.)	OPENWELL	16-17	07.11.2016	27	8	1144	732	220	90	0.2	68	2	380	0.00	NA	NA	UNFIT
2	BALAWADI (BH.)	DEEP TUBEWELL	16-17	07.11.2016	27	9	1317	843	360	110	0.4	13	7	420	0.00	NA	NA	FIT
3	BALAWADI (BH.)	DEEP TUBEWELL	16-17	31.12.2016	27	7	1520	973	580	150	0.2	9	4	400	0.01	NA	NA	FIT
4	BALAWADI (BH.)	DEEP TUBEWELL	17-18	14.06.2017	21	8	1269	812	380	70	0.8	21	2	440	0.00	NA	NA	FIT
5	BALAWADI (BH.)	OPENWELL	17-18	14.06.2017	21	8	1266	810	360	60	0.7	22	2	460	0.00	NA	NA	FIT
6	BALAWADI (BH.)	OPENWELL	17-18	2.01.2018	23	8	1697	1086	440	100	0.3	15	77	580	0.00	NA	NA	FIT
7	BALAWADI (BH.)	DEEP TUBEWELL	17-18	2.01.2018	23	8	1936	1239	360	80	0.3	0	95	798	0.00	NA	NA	UNFIT
8	BALAWADI (BH.)	DEEP TUBEWELL	18-19	06.04.2018	31	8	773	495	219	27	0.1	0.00	9	278	0.00	NA	NA	FIT
9	BALAWADI (BH.)	OPENWELL	18-19	06.04.2018	31	8	913	584	283	25	0.0	31	11	298	0.00	NA	NA	FIT
10	BALAWADI (BH.)	DEEP TUBEWELL	18-19	23.01.2019	25	8	1531	980	261	217	0.2	28	66	462	0.58	NA	NA	FIT
11	BALAWADI (BH.)	OPENWELL	18-19	23.01.2019	24	8	1538	984	162	170	0.1	21	115	531	0.14	NA	NA	FIT
12	BALAWADI (BH.)	DEEP TUBEWELL	19-20	22.05.2019	36	8	1153	532	312	112	0.4	8	42	185	0.2	NA	NA	FIT
13	BALAWADI (BH.)	OPENWELL	19-20	22.05.2019	36	8	865	377	54	182	0.4	13	54	150	0.6	NA	NA	FIT
14	BALAWADI (BH.)	OPENWELL	19-20	6.01.2020	25	8	1063	525	104	157	0.8	33	128	112	0.2	NA	NA	FIT
15	BALAWADI (BH.)	DEEP TUBEWELL	19-20	6.01.2020	26	8	1358	682	217	88	0.5	8	139	241	0.5	NA	NA	FIT
16	BHALAWANI	OPENWELL	16-17	31.12.2016	27	8	2892	1851	340	120	0.7	45	12	1420	0.01	NA	NA	UNFIT
17	BHALAWANI	DEEP TUBEWELL	16-17	31.12.2016	27	8	1577	1009	360	110	0.6	44	9	580	0.01	NA	NA	FIT
18	BHALAWANI	DEEP TUBEWELL	16-17	23.08.2016	27	7	1100	704	428	104	0.4	21	64	209	0.33	NA	NA	FIT
19	BHALAWANI	OPENWELL	16-17	23.08.2016	27	9	1014	649	139	140	0.1	28	37	312	0.22	NA	NA	FIT
20	BHALAWANI	DEEP TUBEWELL	17-18	14.06.2017	22	7	1843	1180	548	86	0.8	4	166	493	0.2	NA	NA	FIT
21	BHALAWANI	DEEP TUBEWELL	17-18	15.06.2017	28	8	1816	1162	340	110	0.2	22	14	740	0.01	NA	NA	UNFIT
22	BHALAWANI	OPENWELL	17-18	15.06.2017	28	7	927	593	300	50	0.2	13	1	300	0.00	NA	NA	FIT
23	BHALAWANI	DEEP TUBEWELL	17-18	03.03.2018	31	7	1227	785	340	60	0.8	88	2	380	0.00	NA	NA	UNFIT
24	BHALAWANI	DEEP TUBEWELL	17-18	14.03.2018	33	7	1036	663	320	50	0.1	29	2	340	0.00	NA	NA	FIT
25	BHALAWANI	DEEP TUBEWELL	18-19	21.04.2018	35	8	1486	951	364	132	0.1	17	5	529	0.03	NA	NA	FIT
26	BHALAWANI	OPENWELL	18-19	21.04.2018	35	8	781	500	143	150	0.1	40	54	121	0.07	NA	NA	FIT
27	BHALAWANI	DEEP TUBEWELL	18-19	25.01.2019	25	8	754	388	128	118	0.1	12	16	166	0.1	NA	NA	FIT
28	BHALAWANI	OPENWELL	18-19	25.01.2019	25	8	463	251	93	68	1.2	1	21	77	0.3	NA	NA	FIT
29	BHALAWANI	DEEP TUBEWELL	19-20	09.05.2019	35	8	663	424	190	39	0.6	9	23	189	0.00	NA	NA	FIT
30	BHALAWANI	DEEP TUBEWELL	19-20	22.05.2019	36	8	538	296	83	54	0.5	29	79	69	0.1	NA	NA	FIT

30	BHALAWANI	DEEP TUBEWELL	19-20	22.05.2019	36	8	538	296	83	54	0.5	29	79	69	0.1	NA	NA	FIT
31	BHALAWANI	OPENWELL	19-20	6.01.2020	25	7	1563	1000	160	280	0.5	36	13	540	0.02	NA	NA	FIT
32	BHOOD	OPENWELL	16-17	04.01.2017	27	8	741	384	128	96	0.9	25	25	166	1	NA	NA	FIT
33	BHOOD	OPENWELL	16-17	26.08.2016	27	8	765	356	210	86	0.4	38	18	175	0.5	NA	NA	FIT
34	BHOOD	OPENWELL	17-18	23.06.2017	24	8	1159	584	198	203	0.1	38	28	193	0.1	NA	NA	FIT
35	BHOOD	OPENWELL	17-18	19.01.2018	26	8	1189	576	151	193	0.5	28	18	202	0.2	NA	NA	FIT
36	BHOOD	DEEP TUBEWELL	19-20	06.07.2019	25	8	1754	817	238	265	0.4	37	92	215	0.5	NA	NA	FIT
37	BHOOD	DEEP TUBEWELL	19-20	26.12.2019	25	8	1324	643	290	88	0.2	35	79	189	0.1	NA	NA	FIT
38	GHOTI (KH.)	OPENWELL	16-17	08.11.2016	27	8	1103	554	311	61	0.2	38	50	129	0.3	NA	NA	FIT
39	GHOTI (KH.)	OPENWELL	16-17	08.11.2016	27	8	1587	728	435	34	0.2	38	55	215	0.4	NA	NA	FIT
40	GHOTI (KH.)	DEEP TUBEWELL	16-17	10.08.2016	27	8	1268	650	238	82	0.4	23	90	241	0.2	NA	NA	FIT
41	GHOTI (KH.)	DEEP TUBEWELL	17-18	09.06.2017	22	8	973	623	340	70	0.2	38	3	260	0.00	NA	NA	FIT
42	GHOTI (KH.)	DEEP TUBEWELL	17-18	22.02.2018	28	8	938	600	340	60	0.2	26	3	260	0.00	NA	NA	FIT
43	GHOTI (KH.)	OPENWELL	17-18	22.02.2018	28	8	1997	1278	560	70	0.4	97	13	720	0.02	NA	NA	UNFIT
44	GHOTI (KH.)	DEEP TUBEWELL	18-19	21.04.2018	35	8	936	599	360	70	0.2	26	3	240	0.00	NA	NA	FIT
45	GHOTI (KH.)	DEEP TUBEWELL	18-19	07.02.2019	27	8	1256	804	320	60	0.6	18	4	480	0.00	NA	NA	FIT
46	GHOTI (KH.)	OPENWELL	18-19	07.02.2019	27	8	1167	747	340	50	0.7	19	4	420	0.00	NA	NA	FIT
47	GHOTI (KH.)	OPENWELL	19-20	29.5.2019	38	8	1231	788	360	60	0.6	18	4	440	0.00	NA	NA	FIT
48	GHOTI (KH.)	OPENWELL	19-20	31.12.2019	25	7	1466	938	420	90	0.4	18	8	520	0.00	NA	NA	FIT
49	GHOTI (KH.)	DEEP TUBEWELL	19-20	31.12.2019	25	8	791	506	122	30	0.6	24	33	295	0.00	NA	NA	FIT
50	KARVE	OPENWELL	16-17	29.12.2016	27	8	719	460	140	40	0.6	24	41	221	0.00	NA	NA	FIT
51	KARVE	DEEP TUBEWELL	16-17	29.12.2016	27	8	663	424	108	40	0.6	24	50	195	0.00	NA	NA	FIT
52	KARVE	OPENWELL	16-17	29.12.2016	27	8	673	431	130	40	0.6	24	57	182	0.00	NA	NA	FIT
53	KARVE	OPENWELL	16-17	02.09.2016	27	8	2538	1624	593	310	0.9	45	193	670	0.05	NA	NA	UNFIT
54	KARVE	OPENWELL	17-18	12.06.2017	28	8	1034	662	220	34	0.7	35	28	383	0.03	NA	NA	FIT
55	KARVE	DEEP TUBEWELL	17-18	12.06.2017	24	8	1194	764	321	47	1.1	42	52	380	0.00	NA	NA	FIT
56	KARVE	OPENWELL	17-18	16.06.2017	21	8	1391	890	234	150	0.3	36	17	496	0.30	NA	NA	FIT
57	KARVE	OPENWELL	17-18	2.01.2018	23	8	1108	709	115	112	0.3	27	78	372	0.57	NA	NA	FIT
58	KARVE	DEEP TUBEWELL	17-18	2.01.2018	23	8	1248	799	162	103	0.4	20	26	502	0.33	NA	NA	FIT
59	KARVE	DEEP TUBEWELL	18-19	06.04.2018	31	8	1598	1023	240	100	0.2	25	6	680	0.00	NA	NA	UNFIT

60	KARVE	DEEP TUBEWELL	18-19	06.04.2018	31	8	1066	682	240	110	0.2	29	7	340	0.02	NA	NA	FIT
61	KARVE	OPENWELL	18-19	06.04.2018	31	8	917	587	240	90	0.1	6	4	280	0.00	NA	NA	FIT
62	KARVE	DEEP TUBEWELL	18-19	24.01.2019	25	8	1134	726	340	120	0.2	26	7	320	0.00	NA	NA	FIT
63	KARVE	OPENWELL	18-19	24.01.2019	26	8	778	498	250	60	0.4	22	7	220	0.00	NA	NA	FIT
64	KARVE	DEEP TUBEWELL	19-20	09.05.2019	36	7	1102	705	360	50	0.1	8	1	380	0.00	NA	NA	FIT
65	KARVE	OPENWELL	19-20	09.05.2019	35	7	1133	725	360	50	0.1	8	1	400	0.00	NA	NA	FIT
66	KARVE	DEEP TUBEWELL	19-20	17.12.2019	25	8	956	612	320	80	0.2	8	3	280	0.00	NA	NA	FIT
67	KARVE	OPENWELL	19-20	17.12.2019	25	8	1128	722	314	95	0.1	10	0	379	0.00	NA	NA	FIT
68	MAHULI	OPENWELL	16-17	09.01.2017	27	8	1175	752	367	63	0.2	10	18	391	0.00	NA	NA	FIT
69	MAHULI	DEEP TUBEWELL	16-17	09.01.2017	27	7	1622	1038	436	86	0.7	50	8	582	0.00	NA	NA	UNFIT
70	MAHULI	OPENWELL	16-17	26.08.2016	27	8	788	504	197	33	1.4	12	0	289	0.00	NA	NA	FIT
71	MAHULI	DEEP TUBEWELL	17-18	03.06.2017	21	8	875	560	120	46	1.1	22	48	321	0.00	NA	NA	FIT
72	MAHULI	OPENWELL	17-18	01.06.2017	21	8	1036	663	224	47	0.1	38	14	380	0.00	NA	NA	FIT
73	MAHULI	DEEP TUBEWELL	17-18	02.02.2018	27	8	1019	652	139	164	0.2	0.00	33	322	0.08	NA	NA	FIT
74	MAHULI	OPENWELL	17-18	02.02.2018	27	8	1445	925	178	296	0.1	8	32	433	0.04	NA	NA	FIT
75	MAHULI	DEEP TUBEWELL	18-19	27.04.2018	34	8	961	549	194	134	0.2	8	55	211	0.2	NA	NA	FIT
76	MAHULI	OPENWELL	18-19	27.04.2018	34	8	629	403	247	128	0.4	32	47	106	0.1	NA	NA	FIT
77	MAHULI	DEEP TUBEWELL	18-19	02.02.2019	27	8	754	365	104	41	0.3	13	39	198	0.5	NA	NA	FIT
78	MAHULI	OPENWELL	18-19	02.02.2019	27	8	1745	806	207	102	0.5	27	172	292	0.2	NA	NA	FIT
79	MAHULI	DEEP TUBEWELL	19-20	18.06.2019	32	8	2339	1497	631	150	BDL	42	130	748	0.1	NA	NA	UNFIT
80	MAHULI	OPENWELL	19-20	18.06.2019	32	7	1561	999	420	180	0.2	41	3	460	0.00	NA	NA	FIT
81	MAHULI	DEEP TUBEWELL	19-20	14.01.2020	25	8	1217	779	380	80	0.3	14	7	400	0.00	NA	NA	FIT
82	MAHULI	OPENWELL	19-20	15.01.2020	25	7	1692	1083	530	101	0.2	36	64	515	0.00	NA	NA	FIT
83	MAHULI	OPENWELL	19-20	15.01.2020	25	8	602	385	221	29	0.3	3	12	159	0.00	NA	NA	FIT
84	VEJEGAON	OPENWELL	16-17	13.12.2016	27	8	705	451	226	33	0.9	16	12	204	0.00	NA	NA	FIT
85	VEJEGAON	DEEP TUBEWELL	16-17	13.12.2016	27	8	756	484	280	39	1.0	0.00	10	217	0.00	NA	NA	FIT
86	VEJEGAON	OPENWELL	16-17	26.08.2016	27	8	788	504	162	81	0.2	39	118	119	0.47	NA	NA	FIT
87	VEJEGAON	DEEP TUBEWELL	17-18	02.06.2017	22	8	1030	659	166	75	0.2	39	103	293	0.58	NA	NA	FIT
88	VEJEGAON	OPENWELL	17-18	02.06.2017	22	7	1194	542	226	75	0.4	40	42	299	0.4	NA	NA	FIT
89	VEJEGAON	Hand Pump with Duel Pump	17-18	02.06.2017	22	8	906	580	258	123	0.5	7	40	167	0.8	NA	NA	FIT
90	VEJEGAON	DEEP TUBEWELL	17-18	02.06.2017	22	7	1147	658	226	107	0.4	6	40	361	0.4	NA	NA	FIT

91	VEJEGAON	DEEP TUBEWELL	17-18	14.03.2018	33	7	1257	536	258	59	0.4	BDL	5	282	0.1	NA	NA	FIT
92	VEJEGAON	OPENWELL	17-18	14.03.2018	33	8	854	547	226	64	0.4	15	70	229	0.2	NA	NA	FIT
93	VEJEGAON	DEEP TUBEWELL	17-18	14.03.2018	33	8	1764	837	279	177	0.1	48	100	353	0.6	NA	NA	UNFIT
94	VEJEGAON	Hand Pump with Duel Pump	17-18	14.03.2018	33	8	784	316	93	88	1.1	8	53	181	0.6	NA	NA	FIT
95	VEJEGAON	OPENWELL	18-19	27.04.2018	34	8	1408	901	480	120	0.3	11	5	420	0.00	NA	NA	FIT
96	VEJEGAON	DEEP TUBEWELL	18-19	27.04.2018	34	8	727	465	200	48	0.5	6	28	213	0.00	NA	NA	FIT
97	VEJEGAON	DEEP TUBEWELL	18-19	02.02.2019	26	8	1813	1160	510	93	0.4	29	249	433	0.00	NA	NA	FIT
98	VEJEGAON	OPENWELL	18-19	02.02.2019	26	7	1427	913	535	108	0.3	45	98	291	0.01	NA	NA	UNFIT
99	VEJEGAON	DEEP TUBEWELL	19-20	30-01-2019	29	8	1336	855	489	82	0.0	34	12	384	0.00	NA	NA	FIT
100	VEJEGAON	DEEP TUBEWELL	19-20	05.06.2019	38	8	1052	673	237	39	0.1	35	20	387	0.00	NA	NA	FIT
101	VEJEGAON	OPENWELL	19-20	06.06.2019	38	8	909	582	224	51	0.9	38	19	289	0.00	NA	NA	FIT
102	VEJEGAON	DEEP TUBEWELL	19-20	06.06.2019	38	8	2297	1470	265	810	0.0	11	65	375	0.04	NA	NA	FIT
103	VEJEGAON	DEEP TUBEWELL	19-20	17.02.2020	25	8	2802	1793	143	999	0.0	33	36	589	0.26	NA	NA	FIT
104	VEJEGAON	DEEP TUBEWELL	19-20	17.02.2020	25	8	1113	712	206	148	0.1	37	127	227	0.08	NA	NA	FIT
105	VEJEGAON	DEEP TUBEWELL	19-20	17.02.2020	25	8	1250	800	242	179	0.0	12	108	306	0.13	NA	NA	FIT
106	VEJEGAON	OPENWELL	19-20	17.02.2020	25	8	1220	781	139	124	0.4	35	96	393	0.25	NA	NA	FIT

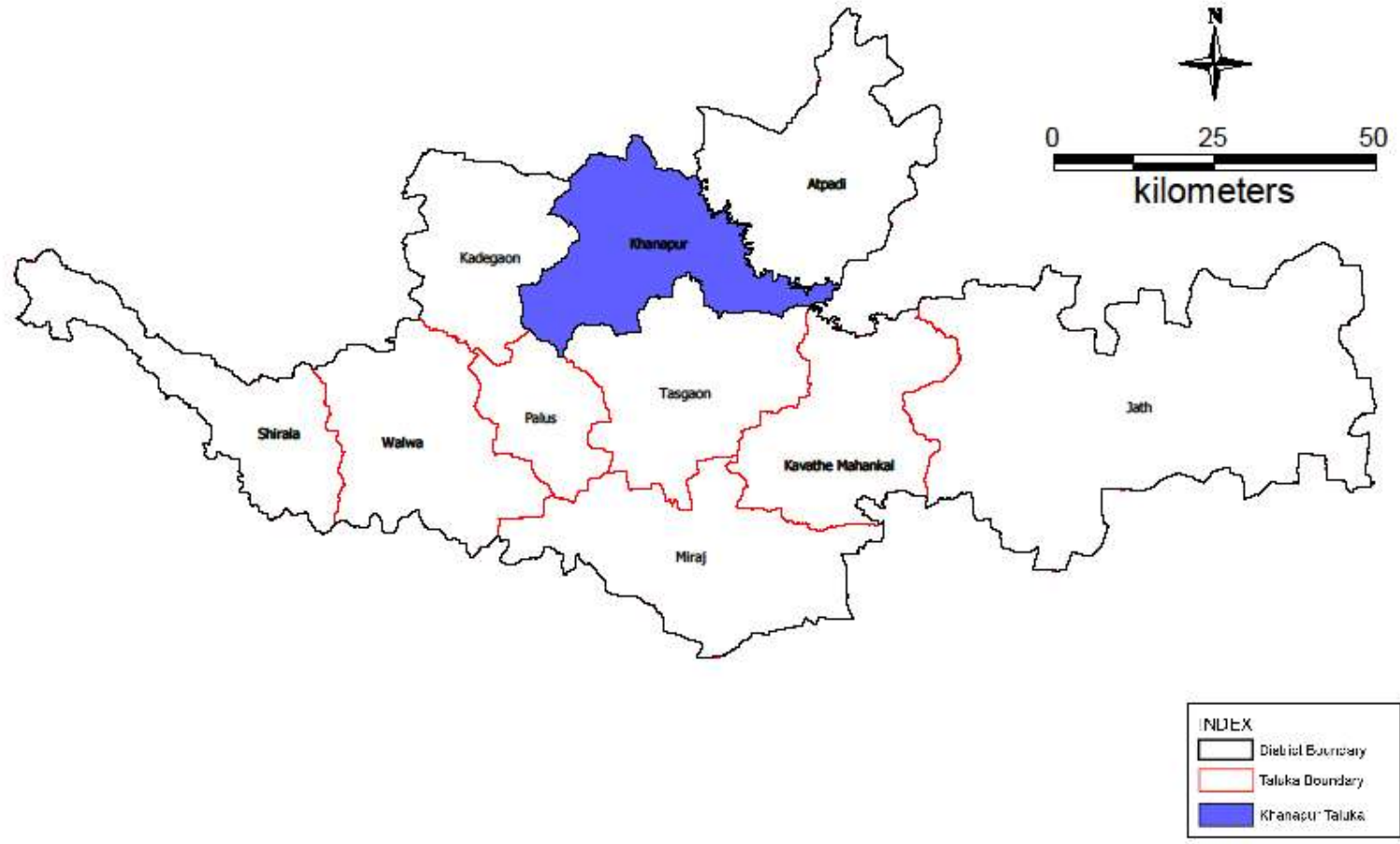
TABLE-03- Continued

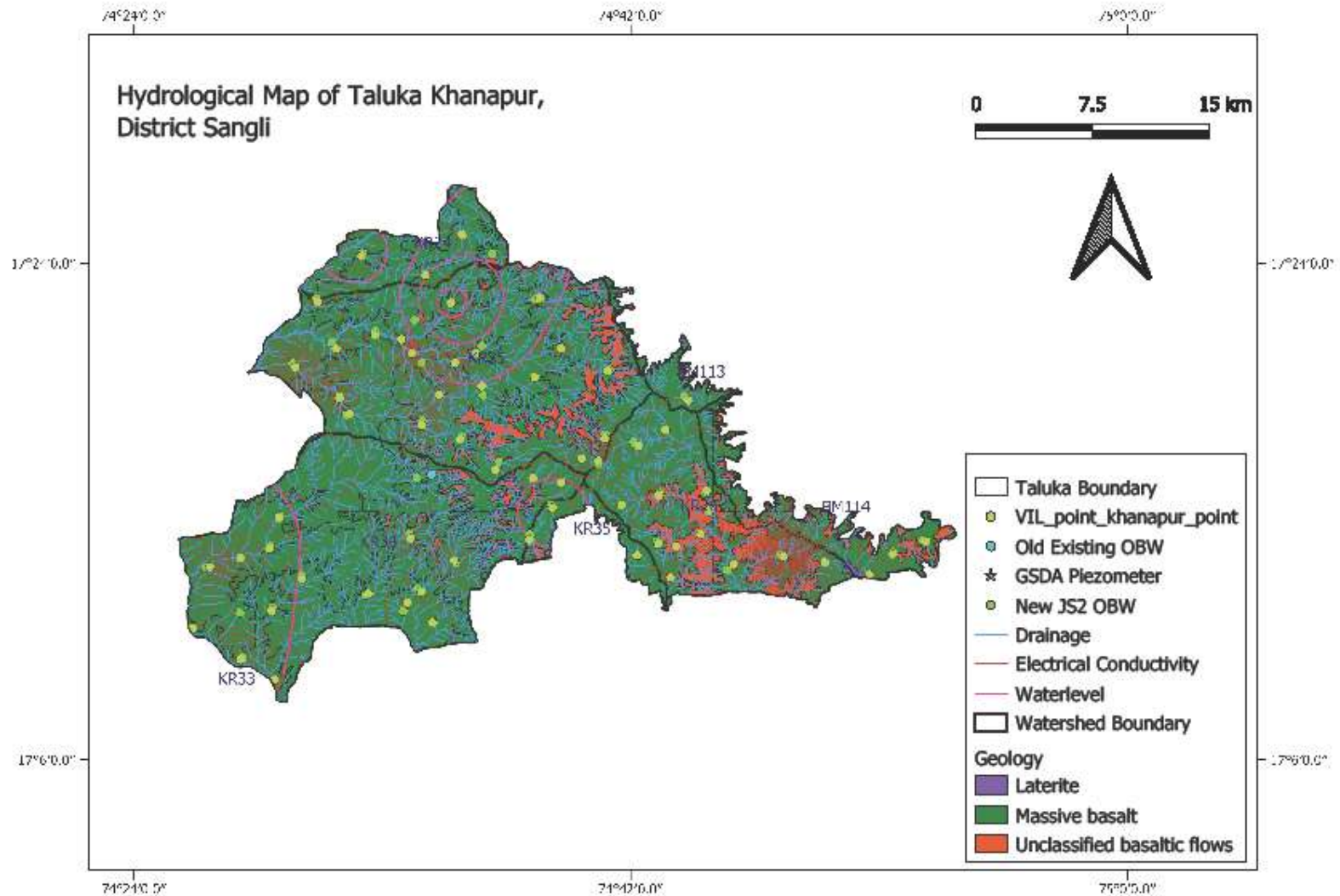
WATER QUALITY (WQ) DATA OF MONITORING STATIONS-CGWB

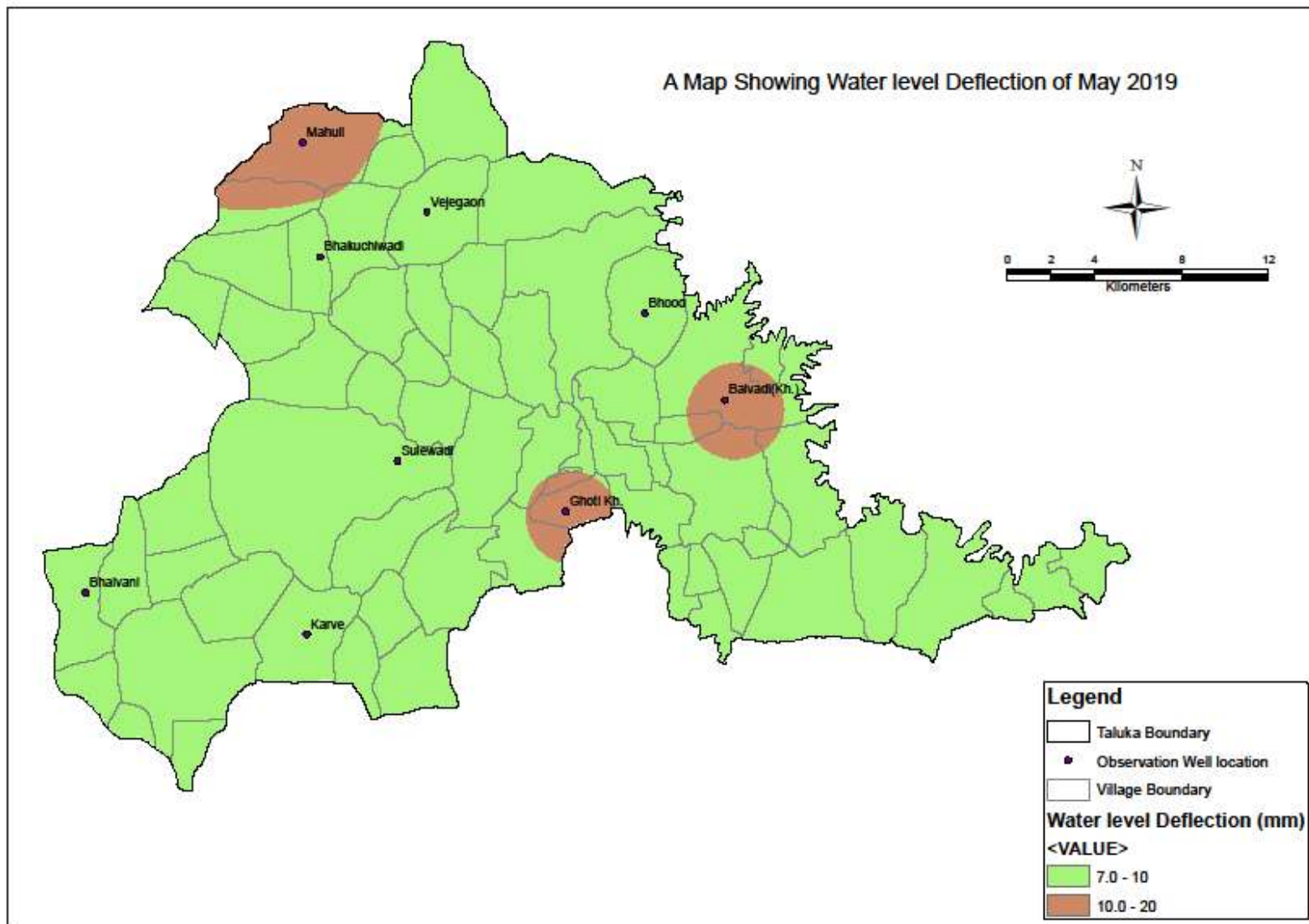
STATE-MAHARASHTRA, DISTRICT-SANGLI, TALUKA-KHANAPUR

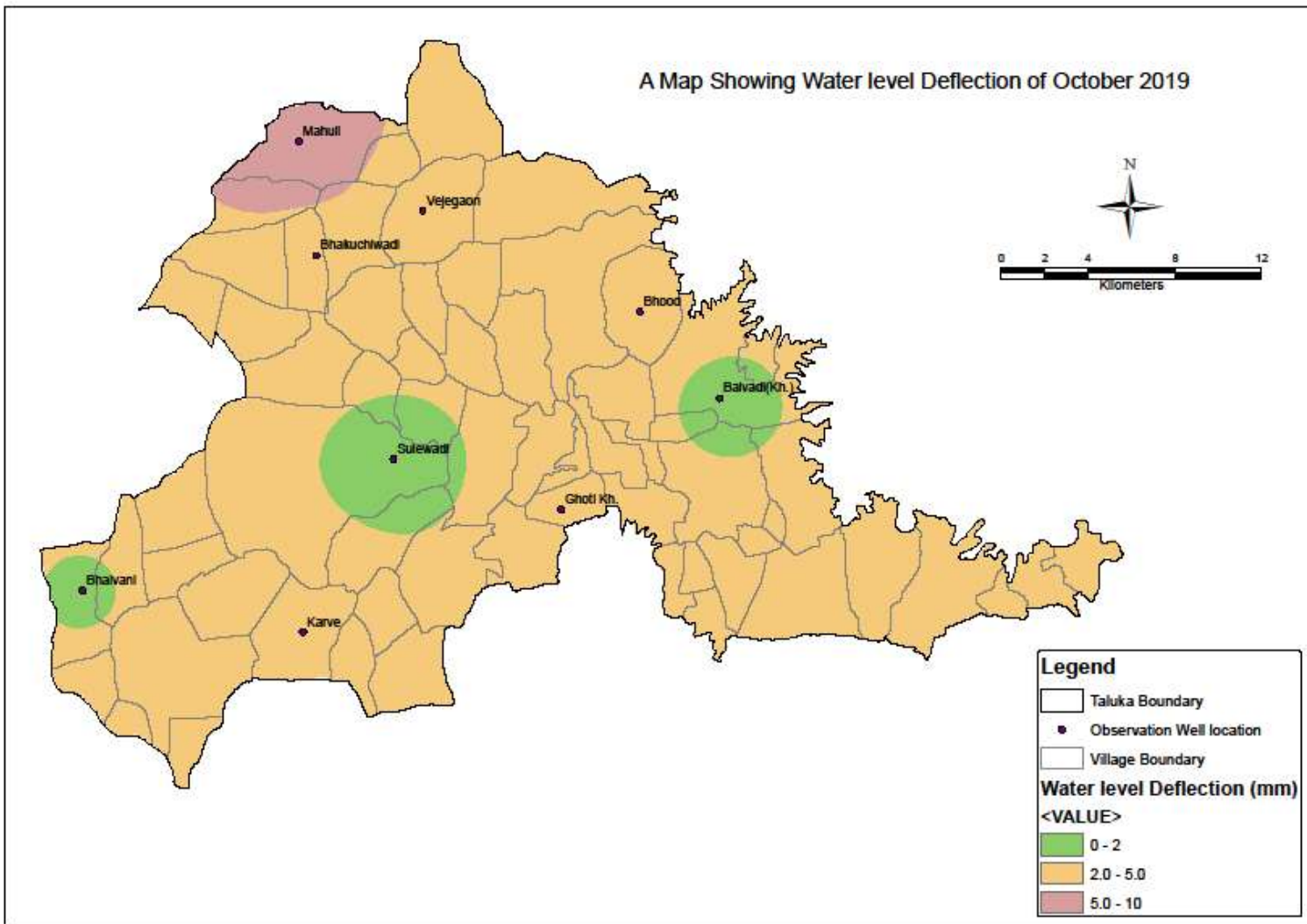
Sr.No.	Well No./Locaton	Well Type	Village	Date of Testing	Temp	EC (µS/cm)	pH										
								Ca	Mg	Na	K	HCO3	CL	SO4	NO3	F	
1	W171305074490501	DW	Palashi-1	21-05-2017		1177	7.9	57	41.04	94	1.5	268	125	50	82	0.1	
2	W171305074490501	DW	Palashi-1	21-05-2016		1341	8.2	132	39.79	62	5.5	420	131	130	7	0.36	
3	W171940074313501	DW	Ghanwad_Anandpur	21-05-2017		545	8	43	31.05	21	2.7	262	21	13	10	0.55	
4	W171940074313501	DW	Ghanwad_Anandpur	21-05-2015		845	7.6	94	31.72	60	1.11	256	110	70	23	0.12	
5	W171940074313501	DW	Ghanwad_Anandpur	21-05-2015													
6	W171940074313501	DW	Ghanwad_Anandpur	21-05-2016		846	8.1	72	41.18	40	2.3	415	69	24	39	0.25	

A Map Showing Location of Khanapur Taluka in District Sangli









A Map Showing Distribution of Electrical Conductivity (Premonsoon) in Year 2019 Taluka Khanapur, District Sangli

