

DRINKING WATER QUALITY - ZIARAT RURAL AREAS

Sr. No	Sample Code	Village	Union Council	Tehsil	Location	Source	Depth (ft)	Water Table Depth (ft)	EC µS/cm	pH	Turbidity NTU	Color	Taste	Odor	TDS	Alk m.mol/l	HCO ₃ mg/l	CO ₃ mg/l	Cl mg/l	SO ₄ mg/l	Ca mg/l	Mg mg/l	Hardness	Na mg/l	K mg/l	NO ₃ mg/l	PO ₄ mg/l	F mg/l	Fe mg/l	As ppb	Pb ppb	Caliform	E.Coli	Safe/ Unsafe
									Permissible Limits (PSCQA)																									
									NGVS	6.5-8.5	5.0	C.Less	Un-Obj	Un-Obj	1000	NGVS	NGVS	NGVS	250	500	NGVS	500	200	NGVS	10.00	NGVS	1.50	0.30	50.00	50.00	+	+	Safe	
1	ZIA-01	Cheena	Zindra	Zirat	Killi Muhammad Khan Karez	Karez		60	555	7.7	0.0	C.Less	Un-Obj	Un-Obj	311	4.20	210	0	21	34	88	17	290	13	1	6.39	0.08	0.33	0.01	0.54	0.51	+	+	Unsafe
2	ZIA-02	Cheena	Zindra	Zirat	Killi Muhammad Khan Cheena	Bore	20	55	531	7.5	89.0	Turbid	Un-Obj	Un-Obj	297	3.40	170	0	21	36	76	12	240	18	1	4.84	0.07	0.35	0.03	0.77	2.11	+	+	Unsafe
3	ZIA-03	Cheena	Zindra	Zirat	Killi Mohd Khan Cheena	Well			932	7.4	13.3	Turbid	Un-Obj	Un-Obj	559	4.60	230	0	53	131	128	24	420	42	2	5.10	0.06	0.31	0.01	0.48	0.43	+	+	Unsafe
4	ZIA-04	Cheena	Zindra	Zirat	Killi Cheena	Well	50	60	490	7.5	0.0	C.Less	Un-Obj	Un-Obj	274	3.20	160	0	35	26	30	33	210	20	1	4.31	0.05	0.36	0.01	0.48	BDL	+	+	Unsafe
5	ZIA-05	Cheena	Zindra	Zirat	Killi Cheena	Well	35	70	525	7.5	0.0	C.Less	Un-Obj	Un-Obj	294	4.00	200	0	14	24	76	17	260	11	1	4.02	0.10	0.36	0.01	0.60	0.48	+	+	Unsafe
6	ZIA-06	Zindra	Zindra	Zirat	Killi Zindra	Karez			448	7.8	0.0	C.Less	Un-Obj	Un-Obj	251	3.10	155	0	31	13	24	17	200	12	1	3.40	0.09	0.37	0.04	0.55	0.62	+	+	Unsafe
7	ZIA-07	Zindra	Zindra	Zirat	Quetta Main Road	T. Well			478	7.6	0.0	C.Less	Un-Obj	Un-Obj	263	3.00	150	0	35	148	48	17	190	13	1	3.80	0.07	0.42	0.03	0.67	BDL	+	+	Unsafe
8	ZIA-08	Zindra	Zindra	Zirat	Killi Peehahoo	Wind Mill			1137	7.8	0.0	C.Less	Un-Obj	Un-Obj	705	5.80	290	0	66	4	80	29	320	126	3	4.60	0.06	0.42	0.01	0.58	1.00	+	+	Unsafe
9	ZIA-09	Zindra	Zindra	Zirat	Killi Peehahoo	Well	110	120	838	7.6	0.1	C.Less	Un-Obj	Un-Obj	486	4.00	200	0	49	139	24	30	185	90	2	5.80	0.08	0.42	0.02	0.42	3.04	+	+	Unsafe
10	ZIA-10	Zindra	Zindra	Zirat	Killi Peehahoo	Well	100	120	960	7.8	0.0	C.Less	Un-Obj	Un-Obj	576	4.00	220	0	53	21	64	29	280	91	2	3.10	0.08	0.40	0.05	0.40	0.54	+	+	Unsafe
11	ZIA-11	Choteer	Choteer	Sanjavi	Choteer Thana Karez	Karez			424	7.8	0.1	C.Less	Un-Obj	Un-Obj	233	3.50	175	0	11	25	60	12	200	10	1	2.40	0.07	0.27	0.06	0.37	0.71	+	+	Unsafe
12	ZIA-12	Choteer	Choteer	Sanjavi	Choteer Thana	Well			475	7.7	0.1	C.Less	Un-Obj	Un-Obj	261	3.60	180	0	14	32	64	18	235	12	1	3.60	0.08	0.26	0.05	0.65	0.32	+	+	Unsafe
13	ZIA-13	Choteer	Choteer	Sanjavi	Main Sanjavi Road Choteer	T. Well			746	7.2	0.0	C.Less	Un-Obj	Un-Obj	433	5.20	260	0	28	22	100	23	345	22	2	13.35	0.06	0.22	0.03	0.52	0.75	+	+	Unsafe
14	ZIA-14	Choteer	Choteer	Sanjavi	Sanjavi Road Choteer	Spring			433	7.9	0.0	C.Less	Un-Obj	Un-Obj	238	3.60	180	0	14	39	64	14	220	12	1	2.08	0.06	0.24	0.04	0.45	0.39	+	+	Unsafe
15	ZIA-15	Choteer	Choteer	Sanjavi	Madressa Molvi Wazir	Hand Pump			986	7.7	0.0	C.Less	Un-Obj	Un-Obj	592	6.20	310	0	60	62	88	36	370	65	3	8.70	0.07	0.82	0.07	0.61	3.56	+	+	Unsafe
16	ZIA-16	Sapzandi	Kawas	Zirat	Killi Sapzandi Karez	Karez			482	7.2	10.8	Turbid	Un-Obj	Un-Obj	265	3.10	155	0	18	822	60	2	160	48	1	0.31	0.08	0.30	0.01	1.48	2.46	+	+	Unsafe
17	ZIA-17	Sapzandi	Kawas	Zirat	Killi Sapzandi	T. Well	40	45	2370	7.9	0.1	C.Less	Un-Obj	Un-Obj	1659	2.60	130	0	90	335	156	39	550	315	5	10.02	0.09	0.32	0.02	1.62	1.89	+	+	Unsafe
18	ZIA-18	Sapzandi	Kawas	Zirat	Killi Sapzandi	Well	70	75	1228	7.7	0.0	C.Less	Un-Obj	Un-Obj	761	4.40	220	0	39	675	96	44	420	100	3	7.60	0.06	0.27	0.05	0.04	BDL	+	+	Unsafe
19	ZIA-19	Sapzandi	Kawas	Zirat	Killi Sapzandi	Well	40	45	2250	7.3	0.0	C.Less	Un-Obj	Un-Obj	1575	5.10	255	0	152	241	164	51	620	250	3	28.05	0.07	0.30	0.03	0.44	BDL	+	+	Unsafe
20	ZIA-20	Sapzandi	Kawas	Zirat	Killi Sapzandi	Well			2040	7.7	60.0	C.Less	Un-Obj	Un-Obj	1428	10.80	540	0	94	49	84	10	610	215	4	16.50	0.08	0.24	0.04	0.89	BDL	+	+	Unsafe
21	ZIA-21	Kawas	Kawas	Zirat	Phe Water Supply Scheme	Well			941	7.3	80.0	C.Less	Un-Obj	Un-Obj	564	5.00	250	0	35	115	88	41	390	51	2	14.10	0.07	0.43	0.01	0.81	2.42	+	+	Unsafe
22	ZIA-22	Kawas	Kawas	Zirat	Killi Kawas	T. Well	350	700	629	7.8	0.0	C.Less	Un-Obj	Un-Obj	365	4.60	230	0	12	45	80	22	290	23	1	5.80	0.06	0.35	0.01	0.47	0.05	+	+	Unsafe
23	ZIA-23	Kawas	Kawas	Zirat	Killi Kawas	Hand Pump	60	65	1421	7.5	4.8	C.Less	Un-Obj	Un-Obj	924	6.40	320	0	87	241	170	35	570	92	14	6.70	0.06	0.42	0.03	0.67	1.42	+	+	Unsafe
24	ZIA-24	Kawas	Kawas	Zirat	Killi Kawas	Hand Pump	65	70	925	7.5	12.3	Turbid	Un-Obj	Un-Obj	555	4.40	220	0	71	99	72	39	415	63	3	20.70	0.08	0.18	0.01	0.48	1.78	+	+	Unsafe
25	ZIA-25	Kawas	Kawas	Zirat	Killi Kawas	Well	60	65	854	7.7	0.3	C.Less	Un-Obj	Un-Obj	495	5.10	255	0	30	81	92	34	370	43	2	14.00	0.06	0.30	0.04	0.55	1.11	+	+	Unsafe
26	ZIA-26	Amahdhone	Amahdhone Kuch	Zirat	amahdhone Main Road	Spring			914	8.1	0.0	C.Less	Un-Obj	Un-Obj	548	5.50	275	0	17	180	48	17	190	124	1	2.90	0.06	0.34	0.05	0.53	1.42	+	+	Unsafe
27	ZIA-27	Amahdhone	Amahdhone Kuch	Zirat	Killi Amahdhone	Well	50	55	816	7.6	7.9	C.Less	Un-Obj	Un-Obj	450	4.00	200	0	26	91	81	22	292	98	2	3.10	0.08	0.30	0.01	0.38	2.39	+	+	Unsafe
28	ZIA-28	Amahdhone	Kath Amahdhone	Zirat	Killi Amahdhone	Spring			452	7.4	0.1	C.Less	Un-Obj	Un-Obj	249	3.40	170	0	14	46	60	12	200	20	1	1.30	0.08	0.41	0.02	0.52	1.95	+	+	Unsafe
29	ZIA-29	Amahdhone	Amahdhone Kuch	Zirat	Howth Karez	Karez			490	7.5	15.2	Turbid	Un-Obj	Un-Obj	274	3.80	190	0	14	51	60	17	220	19	1	2.80	0.09	0.45	0.05	0.45	0.26	+	+	Unsafe
30	ZIA-30	Amahdhone	Amahdhone Kuch	Zirat	Killi Amahdhone	Well			716	7.4	12.4	Turbid	Un-Obj	Un-Obj	415	5.20	260	0	13	66	84	31	340	32	1	3.40	0.08	0.63	0.04	0.84	1.69	+	+	Unsafe

%ages of Sample beyond permissible limit		0.00	30.00	10.00	0.00	6.67	10.00	23.33	0.00	0.00	0.00	0.00	100.00	93.33	100.00							
No. of Sample beyond permissible limit out of 30		0	9	3	0	2	3	7	0	0	0	0	30	28	30							
Min.	20	45	424	7.2	0.0	233	2.60	130	0	11	4	24	2	160	10	1	0.31	0.05	0.18	0.01	0.04	0.05
Average	81	115	883	7.6	10.2	543	4.49	225	0	41	130	80	25	320	68	2	7.09	0.07	0.36	0.03	0.61	1.33
Max.	350	700	2370	8.1	89.0	1659	10.80	540	0	152	822	170	51	620	315	14	28.05	0.10	0.82	0.07	1.62	3.56