

Ground Water Quality-2016-17

Location & distance from red mud pond	Bore well in staff colony (0.5 km)			Yamnapur open well (0.5 km)			Kangrali bore well (1.5km)			Muttanati bore well (1.0 km)			Baswankol open well (1.5 km)			Behind CPBP Bore well		
	Parameter	pH	Alk mg/l	TDS mg/l	pH	Alk mg/l	TDS mg/l	pH	Alk mg/l	TDS mg/l	pH	Alk mg/l	TDS mg/l	pH	Alk mg/l	TDS mg/l	pH	Alk mg/l
S 10500 -1992 limit	6.5-8.5	-	500	6.5-8.5	-	500	6.5-8.5	-	500	6.5-8.5	-	500	6.5-8.5	-	500	6.5-8.5	-	500
Apr-16	7.22	231.1	348	6.97	161.8	372	6.69	161.8	360	6.23	92.4	364	6.75	173.3	396	NA	NA	NA
May-16	7.29	229	244	6.85	171	276	6.67	160	404	6.63	91	152	6.83	207	288	7.47	229	280
Jun-16	7.14	262.8	340	6.47	170	484	6.62	171	344	6.8	126	284	6.73	175	348	7.39	274	324
Jul-16	6.94	229	248	6.63	137.1	372	6.72	148.5	460	6.9	114.3	132	6.56	137.1	240	NA	NA	NA
Aug-16	7.00	274	324	6.63	171.2	476	6.7	182.7	480	6.93	125.6	184	6.6	171.2	300	NA	NA	NA
Sep-16	6.9	239.7	284	6.72	148.4	490	6.71	171	464	6.95	102.7	172	6.53	137	136	NA	NA	NA
Oct-16	6.75	239.7	400	6.57	148.4	480	6.6	148.4	488	6.14	114.2	236	6.34	137	368	NA	NA	NA
Nov-16	6.77	260	268	6.66	152	380	7	152	492	7.19	108	252	6.95	217	396	NA	NA	NA
Dec-16	6.84	282	380	6.6	151.8	312	6.67	162.7	484	6.68	119.3	268	7.15	162.7	212	7.45	249	320
Jan-17	6.7	292.8	304	6.6	162.7	356	6.48	173.5	484	6.38	86.8	172	6.74	195	368	7.41	217	428
Feb-17	6.91	271	336	6.56	151.8	336	6.72	162.7	496	6.69	75.9	196	6.87	195.2	400	7.49	239	316
Mar-17	7	277	368	6.68	166	444	6.93	166	484	6.63	104	204	7.14	166	300	NA	NA	NA
Average	7.0	257.3	320.3	6.7	157.7	398.2	6.7	163.4	453.3	6.7	105.0	218.0	6.8	172.8	312.7	7.44	241.5	333.6
Max	7.3	292.8	400.0	7.0	171.2	490.0	7.0	182.7	496.0	7.2	126.0	364.0	7.2	217.0	400.0	7.49	274.0	428.0
Min	6.7	229.0	244.0	6.5	137.1	276.0	6.5	148.4	344.0	6.1	75.9	132.0	6.3	137.0	136.0	7.39	216.8	280.0

NM = Not Monitored
NA= Not Available