

# Supplementary Materials: Distribution and Potential Health Risks of Arsenic, Selenium, and Fluorine in Natural Waters in Tibet, China

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Table S1. Chemical composition of water.

Sample ID	Latitude N	Longitude E	Elevation m	Sampling Point	Classify	As $\mu\text{g/L}$	Se $\mu\text{g/L}$	F mg/L	pH	Ec $\mu\text{s/cm}$	Ca <sup>2+</sup> mg/L	K <sup>+</sup> mg/L	Mg <sup>2+</sup> mg/L	Na <sup>+</sup> mg/L	Cl <sup>-</sup> mg/L	NO <sub>3</sub> <sup>-</sup> mg/L	SO <sub>4</sub> <sup>2-</sup> mg/L	HCO <sub>3</sub> <sup>-</sup> mg/L	CO <sub>3</sub> <sup>2-</sup> mg/L	
1	29.67949	91.43755	3920	No.2 team, Bagaxue village, Dagzê county	stream	0.66	1.07		7.42	101.2	16.0	0.2	1.4	3.0	0.2		1.1	66.3		
2	29.68033	91.43681	3908	No.2 team, Bagaxue village, Dagzê county	stream	0.82	1.21		7.01	109.9	16.4	0.6	1.7	3.6	0.4	1.6	2.9	70.7		
3	29.67691	91.43025	3904	No.2 team, Bagaxue village, Dagzê county	stream	1.19	0.77		5.06	17.8	0.3		0.0					1.0		
4	29.67691	91.43025	3904	No.2 team, Bagaxue village, Dagzê county	stream	1.00	0.79	1.08	6.00	31.1	4.2	0.4	0.6	0.3	0.1	2.7	0.9	9.4		
5	30.47343	91.10217	4279	Dangquka township, Damxung county	shallow well	2.17	1.21	0.31	6.10	239	31.9	1.0	6.5	8.3	6.2	9.3	10.0	123.4		
6	30.49186	91.13394	4280	Jiagen village, Gongtang township, Damxung county	shallow well	0.27			6.33	760	49.7	10.7	14.7	106.9	10.1	12.2	111.0	375.3		
7	30.49091	91.13569	4291	Jiagen village, Gongtang township, Damxung county	deep well	0.69	0.11		6.46	616	67.3	6.3	16.4	50.3	4.4	3.0	60.4	372.2		
8	30.47969	91.11408	4279	No.3 village, Dangquka township, Damxung county	shallow well	2.46	0.15		6.65	245	34.4	0.9	6.6	8.2	20.3	8.9	9.8	113.4		
9	30.48852	91.10932	4282	No.2 village, Dangquka township, Damxung county	shallow well	2.31	0.03		7.01	284	34.3	4.8	10.1	9.6	6.9	12.4	21.3	149.5		
10	30.51441	91.11405	4301	No.1 village, Dangquka township, Damxung county	stream	2.72	0.17		6.83	186.6	25.9	0.4	7.7	1.0	0.3	0.9	28.6	91.5		
11	30.51616	91.07311	4490	No.2 village, Dangquka township, Damxung county	stream	1.42			6.83	113.9	14.8	0.6	1.9	5.1	0.7	8.5	8.4	51.0		
12	30.47683	91.09569	4286	No.3 village, Dangquka township, Damxung county	shallow well	1.28		0.09	6.65	249	38.5	0.9	4.5	10.3	2.5		14.1	161.7		
13	30.41911	91.02541	4279	No.1 team, Qudeng village, Damxung county	stream	2.49	0.07	0.01	6.83	264	32.0	0.5	16.6	1.5	0.1	5.2	10.4	189.0		
14	30.42447	91.02528	4241	Damxung river, Damxung county	stream	7.58	0.07		6.89	225	30.5	0.8	9.4	3.9	0.8	1.0	28.0	121.2		
15	30.43851	91.04348	4239	No.1 team, Qudeng village, Damxung county	stream	2.19	0.09	0.15	7.01	101.4	14.3	0.3	3.1	1.4		2.4	3.3	60.2		
16	30.44931	91.03742	4279	No.2 team, Qudeng village, Damxung county	shallow well	3.64	0.25		6.65	181.1	227.5	4.5	36.4	95.8	470.0	10.8	209.0	128.3		
17	30.46351	91.04348	4329	Qudeng village, Damxung county	stream	4.15	0.05	1.07	7.38	120.7	17.6	0.5	2.9	0.8			19.0	44.9		
18	30.44869	91.07706	4355	No.5 village, Dangquka township, Damxung county	stream	0.85	0.22	0.22	7.28	92.5	11.7	0.8	2.3	2.5	1.2	5.8	4.9	41.9		
19	30.45126	91.10148	4370	No.4 village, Dangquka township, Damxung county	stream	2.27	0.18	0.93	7.26	95.1	13.2	0.4	2.4	1.9		4.2	2.6	52.1		
20	30.45627	91.10915	4346	No.4 village, Dangquka township, Damxung county	stream	2.00		0.88	7.19	159.7	22.8	0.8	4.8	2.2		4.9	5.3	90.7		
21	30.46246	91.12904	4373	No.3 village, Dangquka township, Damxung county	stream	2.02			7.13	205	26.8	1.2	9.0	1.7	0.3	15.4	4.8	118.1		
22	30.49246	91.07141	4304	Damxung grassland station	stream	3.92		0.93	7.23	146.3	20.7	0.6	3.9	0.8			25.4	54.1		
23	30.77219	90.86409	4718	Namtso Lake, Damxung county	lake	37.79		3.72	8.29	1840	7.2	37.5	82.7	323.9	72.0	0.7	236.9	775.0	123	
24	30.77341	90.87121	4732	Namtso village, Namtso township, Damxung county	stream	1.72	0.12	0.41	8.19	291	45.1	0.4	9.0	4.0		0.4	12.5	507.1		
25	30.71374	91.08765	4860	Namtso township, Damxung county	stream	1.27	0.36		8.21	312	44.1	0.0	13.5	1.6	0.4	0.5	38.3	164.8		
26	30.47488	91.10459	4292	Dangquka township, Damxung county	shallow well	2.00		1.42	8.19	168.7	23.2	0.6	5.1	2.9	1.2	7.1	5.6	85.6		
27	30.47058	91.05923	4282	No.6 team, Qudeng village, Damxung county	shallow well	3.43	0.29	7.95	276	38.8	2.6	8.7	4.8	1.4	2.9	27.8	152.4			
28	30.52732	91.05571	4762	Damxung grassland station	stream	6.58	0.54	8.29	55.4	8.6	0.4	0.6	0.9	0.1	1.6	1.2	27.7			
29	30.59011	91.24375	4300	Chongga village, Gongtang township, Damxung county	hot spring	2.96		2.81	7.28	1357	61.7	37.9	10.6	249.5	44.3	1.8	27.6	857.3		
30	30.57067	91.20796	4285	5100 mineral water factory, Damxung county	stream	2.37	0.02	7.84	312	36.0	2.0	11.7	12.6	1.3	2.2	28.4	170.9			
31	30.24004	90.64453	4551	Ningzhong township, Damxung county	stream	0.90	0.33	8.29	37.2	5.6	2.0	0.8	1.2	0.1		2.2	23.4			
32	29.74561	90.80197	3811	Gazhong village, Gurong township, Doilungdêqên county	stream	1.99		0.10	7.95	114.5	17.2		1.4	5.3	0.2		0.4	75.4		
33	29.89467	91.26217	3804	Gandanquguo township, Lhünzhub county	shallow well	1.78	0.10	1.08	7.74	289	49.1	0.4	5.4	4.7	0.8	5.3	11.5	177.0		
34	29.88186	91.10446	3922	Bailang village, Kazi township, Lhünzhub county	stream	1.85	0.00	1.08	8.03	72	10.0	0.1	1.8	1.0	0.1	0.1	8.9	26.6		
35	29.84846	91.12487	4259	Kuixin village, Kazi township, Lhünzhub county	stream	1.88	0.14	0.58	8.23	27.4	3.3	0.1	0.9	0.5	0.5	0.2	1.0	11.4		
36	29.28675	90.89023	3575	Jiazhulin township, Konggar county	shallow well	5.38	0.26	0.66	7.65	294	40.4	1.3	6.5	11.7	4.9	0.3	39.8	134.2		
37	29.18419	90.58175	4457	Yamdruk Lake, Baidi township, Nagarzê county	lake	10.80	0.35	0.53	8.19	2210	8.9	24.0	182.1	272.8	89.1		659.5	518.7	63	

38	29.30444	90.74778	3580	Jina village, Gangdui township, Konggar county	shallow well	2.79	0.15		8.19	473	64.0	1.4	10.8	22.5	10.5	6.2	58.8	216.6	
39	29.32434	90.73518	3533	Jiangtang township, Konggar county	stream	2.59		0.20	8.29	239	37.0	3.4	4.7	5.9	1.6		2.5	146.4	
40	29.65688	91.09348	3645	Lhasa Chengguanqu	shallow well	3.29	0.19	0.03	8.15	307	44.1	1.3	5.6	10.2	8.2	15.3	25.3	137.3	
41	31.64188	92.01565	4590	IGSNRR Nagqu field station, Nagqu county	shallow well	1.24	0.28		8.02	486	42.7	1.1	32.1	17.6	6.4	11.8	21.5	295.9	
42	31.74109	92.07001	4669	Nyima township, Nyainrong county	shallow well	1.78	0.36		7.96	527	81.4	1.0	10.6	11.4	20.3	51.8	36.5	219.7	
43	32.09176	92.27563	4701	Nyainrong township, Nyainrong county	stream	1.78	0.24	0.19	8.10	262	36.5	1.0	8.8	9.3	3.1	0.9	7.7	177.0	
44	32.11638	92.29634	4615	Nongmuju, Nyainrong township, Nyainrong county	shallow well	2.26	0.64	0.22	8.02	345	47.5	0.5	12.3	8.4	1.6	2.7	13.1	214.9	
45	32.11611	92.29387	4634	Nyainrong Town government, Nyainrong county	shallow well	1.55	0.30	0.38	7.97	337	41.1	0.6	14.9	9.6	2.0	3.3	11.8	201.4	
46	31.74058	92.10171	4650	Nyima township, Nyainrong county	hot spring	530.88	0.33	0.57	7.08	2406	68.0	76.2	11.9	501.5	8.4	15.5	35.9	1662.8	
47	32.18366	91.71137	4872	No.4 village, Pana township, Amdo county	deep well	1.69	0.35	3.76	7.68	812	123.0	2.4	17.9	23.2	32.8	8.5	32.4	394.8	
48	32.26283	91.68217	4688	Pana township, Amdo county	shallow well	1.01	0.48	0.03	7.82	525	61.9	1.3	19.7	12.5	35.9	37.8	27.7	177.0	
49	32.15031	91.49541	4605	No.1 village, Cuoma township, Amdo county	shallow well	0.73	0.37		7.69	607	43.6	3.2	23.2	59.8	14.9	66.6	68.4	249.0	
50	32.29791	91.67063	4776	No.1 village, Pana township, Amdo county	stream	3.84	0.29		7.92	505	62.6	1.3	26.2	9.3	0.9	10.6	73.6	247.1	
51	31.26775	92.15899	4418	No.4 village, Luoma township, Nagqu county	shallow well	0.99	0.83	0.03	7.50	1173	134.2	1.6	30.8	53.0	215.6	4.1	64.6	204.4	
52	31.52888	91.41779	4558	Namaqie township, Nagqu county	shallow well	1.24	0.46	0.23	7.79	441	52.0	2.1	13.2	22.0	10.0	38.4	32.6	210.5	
53	31.52958	91.41462	4564	Kasuo village, Namaqie township, Nagqu county	shallow well	2.12	0.44	0.03	7.85	346	41.2	0.8	8.8	20.9	3.6	26.1	20.8	183.1	
54	32.26405	91.68116	4685	Zhuoqing hotel, Amdo county	shallow well	2.68	0.59	0.05	7.73	541	60.1	2.2	24.1	21.1	11.0	12.6	44.3	280.7	
55	32.30079	91.90839	4719	Bangai township, Amdo county	stream	3.15	0.67	0.09	7.92	422	43.5	0.7	27.7	9.7	2.0	20.6	15.4	268.5	
56	32.27495	91.80704	4652	No.3 village, Pana township, Amdo county	shallow well	4.60	0.53	0.03	7.66	653	93.7	3.1	15.7	30.2	6.5	7.8	32.6	405.8	
57	31.48294	92.06634	4504	Nagqu township, Nagqu county	shallow well	1.63	0.48		7.49	1142	113.1	2.9	48.6	66.4	92.6	7.0	106.1	460.7	
58	31.58877	91.48635	4569	No.6 village, Namaqie township, Nagqu county	shallow well	1.98	1.04		7.73	654	53.7	5.8	36.4	24.2	31.3	31.5	51.5	269.7	
59	31.40231	90.83491	4600	Beila township, Bangoin county	shallow well	1.23	0.82		7.96	336	24.8	1.0	22.2	12.9	3.1	20.1	14.9	195.3	
60	31.40948	90.83195	4611	No.13 village, Beila township, Bangoin county	shallow well	1.51	0.52	0.02	7.92	350	38.0	1.2	15.5	15.5	4.3	9.0	15.1	213.6	
61	31.39995	90.01428	4700	Nongmuju, Pubao township, Bangoin county	shallow well	3.17	0.57	0.12	7.60	888	120.2	3.1	20.3	28.5	71.9	2.7	29.0	386.8	
62	31.39719	90.01239	4634	Tianhu hotel, Pubao township, Bangoin county	shallow well	6.41	0.60		7.54	1155	158.5	3.6	24.8	43.7	126.3	42.9	52.9	378.3	
63	31.80412	89.36787	4554	Siling Lake, Bangoin county	lake	54.90	0.62		8.47	13.5	5.4	319.9	160.3	2480.0	650.8	55.4	3166.0	991.6	375
64	32.04361	89.15987	4565	No.10 village, Xiongmei township, Xainza county	shallow well	5.64	1.66	0.65	8.92	934	19.2	12.8	41.7	126.8	49.0	0.7	133.4	381.4	
65	32.31689	89.12064	4716	No.2 village, Duoma township, Shuanghu county	stream	5.42	0.75	0.34	8.83	101.4	17.6	6.1	3.2	0.8	0.2	5.7	1.0	70.7	
66	32.38594	89.15237	4678	Duoma township, Shuanghu county	hot spring	190.28	0.83	2.91	7.88	2918	36.6	30.7	8.6	694.2	25.8		134.4	1928.2	
67	33.19172	88.83189	4882	No.1 village, Yaqu township, Shuanghu county	stream	3.78	0.72	0.03	8.74	346	22.8	2.9	24.8	12.1	9.3	9.1	33.4	173.9	
68	33.25474	88.72942	5213	Shuanghu county	stream	2.64	0.75	0.09	8.47	561	65.6	1.8	21.7	28.4	9.6	6.1	29.3	331.4	
69	32.98881	88.35684	4974	Warixiangqiong village, Gacuo township, Shuanghu county	stream	2.37	0.86	0.15	8.47	500	57.6	1.2	24.4	12.2	6.9	1.3	89.2	213.6	
70	32.33586	87.96647	4730	Kena village, Cuozechuoma township, Shuanghu county	shallow well	4.66	1.13		8.38	386	28.6	1.3	24.1	16.5	7.0	3.0	50.9	177.0	
71	32.05907	87.67558	4738	Konglong village, Cuozechuoma township, Shuanghu county	shallow well	3.52	1.54		8.23	597	20.3	3.3	31.5	69.7	13.9	10.5	48.9	274.6	15
72	32.17016	86.80138	4666	No.4 village, Ejiu township, Nyima county	shallow well	5.01	1.09	0.32	8.18	713	47.2	5.9	32.9	49.9	43.6	23.0	72.0	231.9	
73	32.08131	86.91012	4622	Ejiu township, Nyima county	stream	5.62	0.50	0.16	8.47	581	19.1	2.9	60.6	21.2	13.2	17.5	22.2	320.4	30
74	31.89967	86.19122	4728	Asuo township, Nyima county	stream	3.02	0.85	0.16	8.29	635	61.3	3.7	31.7	28.5	5.3	0.7	144.6	244.1	
75	31.87452	86.06464	4802	Asuo township, Nyima county	shallow well	5.32	0.86	0.05	8.29	439	41.9	1.4	10.4	32.3	18.0	1.2	24.4	197.8	
76	31.49489	86.00066	4885	Juncang township, Nyima county	stream	3.85	0.62	0.09	8.27	633	37.9	5.0	38.2	38.0	34.3	60.7	105.3	133.1	30
77	31.25099	85.96803	4758	Juncang township, Nyima county	stream	2.01	0.82		8.56	221	29.5	0.2	7.5	3.4	1.7	5.5	22.7	83.7	9
78	31.25073	86.01762	4730	Juncang township, Nyima county	shallow well	4.35	0.78	0.21	8.28	326	47.5	1.2	3.9	13.0	6.3		7.5	173.9	
79	31.26075	85.56554	4690	Cishi township, Coqên county	shallow well	3.14	0.62		8.03	682	71.5	3.6	20.4	30.6	39.8	16.5	108.9	152.6	
80	31.01648	85.14951	4603	Coqên hotel, Coqên township, Coqên county	shallow well	2.45	0.75	0.09	8.01	603	66.8	9.0	17.4	18.7	18.5	86.6	161.7	56.3	
81	31.20605	85.04702	4723	Dawa village, Daxiong township, Coqên county	stream	2.50	0.65		8.19	321	51.8	0.8	4.7	6.3	2.3	75.8	36.2	167.8	
82	31.36827	85.09431	4728	Daxiong township, Coqên county	stream	5.30	0.76		8.20	346	50.8	0.7	8.5	7.3	2.5	2.2	57.5	123.4	15
83	31.67109	85.15978	5045	Namuqi village, Dongcuo township, Gêrzê county	stream	6.06	0.92		8.30	232	32.6	0.2	8.2	2.3	1.1	0.5	27.0	115.9	
84	32.09601	84.88024	4449	Dongcuo township, Gêrzê county	shallow well	2.71	0.93		7.86	858	90.9	3.7	39.2	34.3	48.0	1.4	90.3	378.3	
85	32.29728	84.05839	4452	Gêrzê hotel, Gêrzê township, Gêrzê county	shallow well	3.65	1.15	0.19	7.92	653	32.0	3.5	25.2	70.7	47.7	17.2	75.9	228.8	
86	32.35666	83.57181	4459	Wuma township, Gêrzê county	shallow well	4.14	1.19	0.19	8.06	467	41.0	1.4	24.7	22.3	7.7	23.1	40.4	253.2	
87	32.36961	82.89552	4463	Wenbudangang township, Gê'gyai county	stream	108.66	1.13	0.09	8.04	437	37.0	2.1	21.6	21.0	11.5	8.4	43.3	222.7	
88	32.51568	82.46978	4374	Yanhu township, Gê'gyai county	shallow well	139.59	1.05	0.01	8.02	431	18.8	11.5	20.1	38.7	11.4	4.5	36.6	222.7	
89	32.22471	82.26382	4445	Bacuo village, Xiongba township, Gê'gyai county	shallow well	3.85	0.82		7.84	883	104.1	10.7	26.3	41.8	30.3	1.4	225.4	244.1	

90	32.03769	81.92442	4597	Xiongba township, Gè'gyai county	shallow well	131.78	0.99	0.53	8.01	435	41.1	3.0	7.1	36.8	30.7	13.8	24.1	168.3	
91	32.38814	81.14349	4518	Liantong hotel, Gè'gyai township, Gè'gyai county	shallow well	46.73	0.66	0.20	8.19	289	32.4	2.1	4.1	19.8	9.1	7.1	30.2	122.6	
92	32.39631	81.14055	4441	Gè'gyai hotel, Gè'gyai township, Gè'gyai county	deep well	38.44	0.62		8.01	407	45.7	2.5	6.0	24.3	25.1	7.4	38.4	136.8	
93	32.39274	81.14393	4511	Gè'gyai township, Gè'gyai county	shallow well	36.43	0.69		7.97	525	59.4	2.6	7.7	28.5	39.8	38.7	50.4	106.8	
94	32.38818	81.14467	4513	Nongmuju, Gè'gyai township, Gè'gyai county	shallow well	50.93	0.57		8.11	294	34.0	2.2	4.0	19.8	8.8	32.6	29.1	111.2	
95	32.35603	80.42996	4556	Langjiu village, ZuoZuo township, Gar county	shallow well	3.83	1.34	0.02	8.10	367	48.5	0.8	11.4	10.7	4.0	8.9	51.2	155.6	
96	32.45834	80.16478	4365	Shiquanhe township, Gar county	shallow well	272.92	0.81	0.07	8.19	405	34.5	3.1	5.8	41.7	25.3	7.2	45.8	143.4	12
97	32.49143	80.99688	4130	Shiquanhe township, Gar county	shallow well	34.74	0.66	0.67	8.19	386	37.1	2.0	10.7	26.4	16.1	0.2	36.9	177.0	
98	33.39223	79.70455	4264	CAS Ali field station, Rutog county	shallow well	2.32	0.78	0.03	8.14	412	47.8	2.1	11.3	18.2	18.8	7.0	32.4	192.2	
99	33.36821	79.69713	4281	Deru county, Risong township, Rutog county	shallow well	6.57	0.75		8.28	241	18.0	0.9	10.5	15.4	12.6	0.4	10.4	122.0	
100	33.44595	79.81442	4259	Pangong Lake, Rutog county	lake	6.37	0.48		7.92	917	15.5	8.1	50.9	105.1	122.0	1.1	86.0	250.2	30
101	33.12622	79.83547	4359	Risong township, Rutog county	stream	6.86	0.71	0.17	8.66	201	13.9	1.1	10.0	12.1	9.5	0.2	12.7	41.0	30
102	32.10694	80.08226	4293	Gar Zangbo, Kunsha township, Gar county	stream	32.25	0.92		8.51	263	24.1	1.2	8.4	14.2	13.0		29.9	109.8	
103	31.47808	80.43038	4582	Barr Military depot, Menshi township, Gar county	stream	1714.36	1.69	0.16	7.92	3338	51.5	64.8	57.0	505.7	1056.0	1.2	173.9	418.0	144
104	31.47775	79.80508	3712	Xiangxiong hotel, Tuolin township, Zanda county	shallow well	6.27	0.86	3.92	8.65	383	44.9	1.8	16.0	8.6	1.5	9.7	50.5	163.1	
105	31.47569	79.67323	3621	Zhaburang team, Bolin village, Tuolin township, Zanda county	shallow well	4.71	0.86		8.56	344	38.9	1.0	13.2	11.4	0.5	1.9	58.1	152.6	
106	31.58791	79.97025	4582	Daba township, Zanda county	stream	6.07	1.19	0.14	8.48	414	61.8	1.4	10.1	3.9	0.9		109.5	123.9	
107	31.53144	79.98427	4493	Daba township, Zanda county	stream	6.01	1.08		8.57	288	36.4	0.5	12.3	1.4	0.8	1.6	49.6	128.1	
108	31.44842	80.12292	4693	Daba township, Zanda county	stream	5.90	1.67		8.20	782	69.3	8.4	52.9	16.9	5.1	1.4	199.4	302.0	
109	31.17887	80.76011	4450	Menshi township, Gar county	stream	11.96	1.08		8.49	252	30.9	0.9	6.2	10.9	1.6	2.7	30.6	128.1	
110	31.14263	80.90141	4636	Menshi township, Gar county	stream	5.23	0.83	0.01	8.44	297	33.2	0.7	6.9	16.6	0.5	1.0	73.1	97.6	
111	30.29446	81.17593	3905	Ying hotel, Burang township, Burang county	shallow well	6.28	0.59	0.02	8.50	272	30.6	0.5	13.7	1.8	0.3	0.9	44.2	122.0	
112	30.19272	81.27071	3734	Koga Temple, Koga village, Burang township, Burang county	shallow well	7.51	0.67		8.69	112.8	12.1	1.7	3.2	1.1	0.3		34.6	16.4	
113	30.26326	81.18701	3891	Koga reservoir, Koga village, Burang township, Burang county	stream	11.19	0.75	0.15	8.56	174.3	22.9	1.1	4.2	2.3	0.5		45.1	48.8	
114	30.51571	81.20183	4521	Na Munani, Burang township, Burang county	stream	2.60	0.63	0.16	8.70	65.9	9.4	0.8	1.5	0.2		0.2	5.6	29.7	
115	30.77111	81.61502	4612	Huoer township, Burang county	shallow well	13.55	0.74		8.53	127.1	14.9		3.2	4.4	1.2		17.2	51.0	
116	30.68715	81.83231	4752	Huoer township, Burang county	stream	59.65	0.55	0.09	8.88	110.8	10.0		3.1	5.7	2.8	0.1	8.4	21.4	15
117	30.47639	82.63208	4860	Mayum bridge, Huoer township, Burang county	stream	132.25	0.77		8.60	203	24.3	0.8	2.6	10.0	4.7		40.1	63.2	
118	29.82991	83.83768	4624	Payang township, Zhongba county	stream	5.17	0.62	0.24	8.59	249	34.1	0.1	10.4	1.5	0.0	0.5	5.4	149.5	9
119	29.76128	83.93283	4586	Yarlung Tsangpo, Payang township, Zhongba county	stream	21.87	0.80		8.59	1640	21.0	1.5	3.2	6.1	3.0		17.4	82.4	
120	29.76596	84.03356	4593	Larang township, Zhongba county	deep well	6.13	0.65	0.30	8.40	301	39.0	1.0	8.6	8.5	9.6		14.5	158.7	
121	29.54061	84.61996	4600	Lazang township, Saga county	stream	5.48	0.73		8.49	214	33.1	1.1	4.0	2.8	1.2	1.9	29.2	100.7	
122	29.48973	85.10691	4602	Dajiling township, Saga county	stream	0.75	0.91	0.36	8.47	152.3	22.2		3.9	2.2	0.4	0.1	6.4	83.2	
123	29.32845	85.23605	4498	Jijia township, Saga county	shallow well	1.27	0.75		8.35	190.6	29.8		2.9	3.9	0.4	2.2	10.9	102.9	
124	29.41541	85.79741	4914	22 Daoban, Danga township, Saga county	shallow well	1.05	0.98	0.12	8.24	295	37.5	2.1	4.5	5.6	1.8	3.8	61.5	83.7	
125	29.47837	86.03201	4847	Qierye township, Ngamring county	shallow well	37.19	0.89		8.30	22.3	29.3	0.5	4.0	7.1	1.2	7.6	44.0	88.5	
126	29.44063	86.59332	4612	Sangsang township, Ngamring county	stream	1.42	1.26	0.24	8.19	365	54.3	0.7	6.8	10.0	0.2		51.0	170.9	9
127	29.41619	86.72598	4594	Sangsang township, Ngamring county	shallow well	15.84	0.80		7.74	1164	134.2	10.7	40.0	49.1	64.4	0.8	110.2	472.9	
128	29.26535	87.18877	4358	Kaga township, Ngamring county	shallow well	3.19	0.95		8.38	136.6	17.2		1.7	8.3	0.3	109.4	4.3	85.4	
129	29.10438	87.59061	4050	Chawu township, Lhazê county	shallow well	1.68	0.87		8.33	227	37.0		5.6	0.3	0.1	1.8	12.3	131.2	
130	29.08481	88.04132	4275	Resa township, Lhazê county	stream	2.12	1.20		8.36	180	28.7	1.3	2.7	3.5	0.2	0.5	8.2	100.7	
131	29.20959	88.36664	3927	Jiding township, Sa'gya county	shallow well	1.05	1.01		8.01	503	61.7	2.4	19.1	14.6	15.7	4.1	37.6	259.3	
132	29.26424	88.88575	3752	Shanghai guangchang hotel, Xigazê Shi	shallow well	0.62	1.30		8.15	363	44.3		14.8	8.5	3.0	7.6	45.4	170.9	
133	29.31914	89.45338	3777	Nianmu township, Xigazê Shi	shallow well	2.00	0.76		8.39	119.4	14.6		3.4	3.0	0.2	4.7	5.3	60.2	
134	29.29565	89.79108	3790	Qiewa village, Qiewa township, Rinbung county	stream	1.19	0.73		8.52	65.6	9.5	0.2	1.0	0.8	0.0	4.1	0.6	32.8	
135	29.34431	90.17691	3733	Chajiwujiong village, Nyêmo township, Nyêmo county	shallow well	1.45	1.04		8.29	134.1	12.3	2.9	1.6	10.8	0.4		8.8	61.0	
136	29.27712	90.39724	3693	Semai village, Chabala township, Qixi county	stream	1.21	0.78	0.04	8.29	167.4	26.9	1.3	1.9	0.8	0.2	1.0	20.6	72.4	
137	29.34854	90.73802	3580	Qixi township, Qixi county	shallow well	0.48	0.77	0.01	7.92	282	36.0	2.6	5.4	11.2	9.5	1.3	12.2	128.1	
138	29.81261	91.60117	3762	Quniba village, Tangga township, Dagzê county	shallow well	2.26	0.85		8.03	224	27.3	0.8	5.5	6.9	3.5	16.4	30.3	81.5	
139	29.67639	91.34472	3699	CAS Lhasa field station, Deqing township, Dagzê county	shallow well	1.94	1.09		8.04	225	31.0	0.7	3.8	4.6	2.3	1.3	27.4	94.6	
140	29.14301	88.72625	3894	Qumei village, Qumei township, Xigazê Shi	deep well	2.09	0.97		7.69	316	35.1	0.3	12.7	4.0	0.6	6.6	19.2	162.2	
141	29.08451	88.03926	4268	Resa township, Lhazê county	stream	0.64	1.21		7.44	93.6	10.3	0.7	1.3	3.5		0.1	3.9	46.6	

142	29.08753	87.63786	4022	Quxia township, Lhazê county	stream	0.69	0.27	7.24	262	35.2	0.6	4.9	3.3	1.2	45.0	85.9			
143	29.41963	88.20221	3963	Tongmoin village, Tongmoin township, Xaitongmoin county	stream	0.74	0.25	7.35	172.3	22.8	0.8	2.2	5.0		0.9	99.0			
144	29.43179	88.26011	3997	Kaga township, Xaitongmoin county	stream	0.88	0.09	7.47	68.3	7.9	0.6	1.5	1.5	1.0	2.0	35.8			
145	29.39185	89.18049	3844	Aima township, Namling county	deep well	1.09	0.14	7.15	471	60.5	0.9	11.1	8.2	10.2	13.0	16.6	227.6		
146	29.57011	89.07609	3939	Kazi township, Namling county	shallow well	3.49	0.24	7.36	227	25.2	1.3	4.5	7.7	1.4	0.4	29.9	89.8		
147	29.67834	89.09525	4008	Namling township, Namling county	deep well	3.35	0.47	7.29	282	35.9	1.2	4.3	7.7	5.8	13.6	16.5	125.1		
148	29.16664	89.09251	3863	Ladong village, Bazha township, Bainang county	stream	0.62	0.31	7.51	85.3	9.2	0.0	2.6	1.6		3.2	1.7	37.1		
149	28.90892	89.60262	3929	Gyangzê township, Gyangzê county	shallow well	0.84	0.48	7.19	589	78.9	1.1	15.6	9.9	4.4	13.2	118.2	202.4		
150	28.85531	89.94089	4333	Longma township, Gyangzê county	stream	0.50	2.41	7.39	440	56.2	0.8	12.1	8.0		0.8	104.7	136.1		
151	28.96846	90.59535	4483	Azha village, Azha township, Nagarzê county	deep well	0.87	3.90	7.36	416	59.6	0.4	5.3	10.1	3.5	13.1	44.4	178.8		
152	28.96875	90.39787	4472	Nagarzê township, Nagarzê county	shallow well	0.67	0.65	7.4	294	37.6	0.6	6.6	4.5		1.2	60.1	88.1		
153	29.11245	90.35468	4450	Baidi township, Nagarzê county	stream	1.04	0.97	7.53	187.1	29.7	0.2	5.5	7.8	0.8	5.8	22.8	100.3		
154	29.83301	91.73849	3818	Maizhokunggar township, Maizhokunggar county	shallow well	0.68	0.64	7.32	245	26.9	0.3	3.5	2.7		2.9	17.4	85.9		
155	29.25534	91.34026	3578	Zhatang township, Chanang county	deep well	1.64	0.44	7.32	215	25.1	1.2	4.6	6.4	2.5	1.7	24.0	85.9		
156	29.23157	91.76402	3568	Tsetang township, Nêdong county	shallow well	2.30	0.53	0.09	7.1	480	62.6	0.9	11.2	11.4	2.5	2.3	155.9	95.6	
157	29.26184	92.01968	3561	Sangri township, Sangri county	stream	0.31	0.33	0.15	7.44	89.4	11.1	0.8	1.4	1.7	0.3	13.3	33.2		
158	29.14079	92.51851	3341	Gunzhuba village, Lasui township, Gyaca county	stream	0.81	0.26	0.01	7.46	200	24.1	0.2	5.5	2.2		40.9	52.4		
159	29.14018	92.59493	3253	Anrao township, Gyaca county	stream	2.17	0.56	0.77	7.44	150.8	21.2	1.7	1.4	1.0		0.3	17.1	52.4	
160	29.73957	92.66541	3283	Gyaca township, Gyaca county	stream	0.65	0.51	1.13	7.36	133.2	16.9	1.2	2.2	1.4		27.4	34.9		
161	29.06685	92.83597	3196	Zhongda township, Nang county	stream	1.55	0.57	0.32	7.4	241	27.1	0.1	8.1	2.3		56.8	67.6		
162	29.04585	93.07296	3017	Nang county	stream	1.52	0.91	0.09	7.35	391	50.3	0.3	10.6	3.7		109.0	100.3		
163	29.11601	93.87061	2949	Lilong township, Mainling county	stream	0.76	0.66	1.00	7.58	100.3	12.7	0.6	2.1	0.9		16.2	28.8		
164	29.21217	94.21288	2929	Mainling township, Mainling county	stream	0.43	0.19		7.55	52.6	6.7	0.6	0.9	0.6		3.8	23.6		
165	29.66028	94.35618	2990	Bayi township, Nyingchi county	shallow well	0.53	0.18		7.49	26.7	2.8	0.5	0.3	0.9		0.4	13.4		
166	29.74402	94.72646	3374	Segrila, Lulang township, Nyingchi county	stream	1.15	0.01		7.43	40.4	4.8	1.1	0.7	1.7		0.9	22.5		
167	30.01672	95.00294	2085	Pailong township, Nyingchi county	stream	0.47	0.56	0.20	7.19	179.9	25.2	3.7	2.9	2.6		44.2	51.0		
168	30.09988	95.07988	2108	Tongmai township, Bomê county	stream	1.83	0.64		7.28	779	126.3	2.4	22.2	4.0	1.4	344.0	108.3		
169	29.86223	95.76201	2729	Zhamu township, Bomê county	stream	3.89	0.26		7.49	120.3	20.0	1.7	1.5	0.6		4.5	71.5		
170	29.62532	96.26837	3213	Yupu township, Bomê county	stream	2.94	0.62	0.22	7.43	143.2	21.5	1.2	3.1	2.0		12.7	73.2		
171	29.50488	96.75553	3901	Ranwu township, Baxoi county	stream	1.21	0.74		7.52	140.6	18.5	0.3	5.6	0.9		10.3	85.4		
172	30.05331	96.91911	3245	Baima township, Baxoi county	stream	2.10	0.99	0.26	7.35	266	41.7	0.4	3.7	3.1		87.8	58.0		
173	29.91343	96.67656	3848	Jida village, Jida township, Baxoi county	stream	0.43	0.50		7.44	144.2	22.6	0.7	2.7	2.2		3.1	86.8		
174	29.81439	96.70023	4044	Wangba village, Jida township, Baxoi county	stream	0.73	0.61	0.68	7.53	182.9	26.2	0.6	5.3	1.5		30.2	77.6		
175	30.03059	97.01591	3163	Lagen village, Lagen township, Baxoi county	stream	1.38	0.73		7.5	237	34.3	0.6	4.4	6.8	0.3	28.6	118.1		
176	30.20721	97.29258	4101	Bangda township, Baxoi county	stream	0.31	0.76	0.48	7.65	300	36.0	0.5	16.4	1.3	1.2	14.7	184.4		
177	30.55135	97.10326	4342	Bangda Airport, Yiqing township, Baxoi county	stream	0.44	0.39	0.12	7.53	913	45.8	0.6	12.3	1.6	3.6	18.8	190.5		
178	30.72493	97.34712	3241	Jitang township, Chagyab county	stream	1.08	0.43		7.61	156.6	18.7	1.0	4.0	3.1		0.9	7.3	79.3	
179	31.14276	97.17107	3258	Chengguan township, Qamdo county	shallow well	4.51	0.75		7.42	469	72.2	2.6	31.4	24.3	21.0	32.5	134.6	249.3	
180	31.08167	96.99352	4075	Eluo township, Qamdo county	stream	0.85	0.82		7.57	314	88.6	1.9	71.2	8.6	0.4	1.1	356.5	245.9	
181	31.11235	96.80036	3751	Binda township, Riwoqê county	stream	0.54	0.48	0.45	7.65	135.3	17.2	1.2	8.2	2.5	0.7	8.9	83.7		
182	31.21318	96.59985	3800	Sangduo township, Riwoqê county	stream	0.43	0.67		7.4	681	57.1	2.2	21.5	7.7	6.5	16.0	36.9	241.5	
183	31.36919	96.50452	3898	Daguo village, Riwoqê township, Riwoqê county	stream	0.69	0.46		7.66	89.6	11.3	0.6	2.4	2.3	0.8	6.1	41.9		
184	31.15722	96.4748	4040	Kamaduo township, Riwoqê county	stream	2.92	0.52		7.44	686	43.9	6.7	68.3	8.5	4.8	2.9	17.7	530.9	
185	31.23968	95.91679	3691	Jueen township, Dêngqên county	stream	0.86	0.52		7.86	295	11.0	0.6	32.4	3.7	0.5	0.8	5.4	184.4	
186	31.41528	95.59089	3860	Dêngqên township, Dêngqên county	shallow well	0.67	0.45		8.61	306	1.2	0.3	49.2	1.4	0.6	1.6	0.7	88.5	93
187	31.53981	95.27037	3937	Sezha township, Dêngqên county	stream	0.77	0.87	0.03	8.2	353	6.3	0.6	47.5	4.2	1.4	2.0	7.3	208.0	27
188	31.60257	95.08666	3785	Chidu township, Dêngqên county	stream	1.53	1.03	1.30	7.82	488	40.6	1.6	38.5	5.6	2.6	4.6	41.3	300.4	
189	31.64357	94.77876	4095	Bada township, Dêngqên county	stream	0.71	0.87	0.16	7.81	381	45.8	1.1	18.6	5.5	1.4	80.8	142.2		
190	31.56051	94.64866	3884	Rongbu township, Sog county	stream	1.74	0.64	0.22	7.9	361	40.1	0.7	20.9	5.4	2.4	52.5	183.6		
191	31.83898	94.43583	4134	Yaan township, Baqên county	stream	2.33	0.66		7.87	304	49.5	1.4	8.7	2.3	3.4	36.9	163.1		
192	31.91932	94.05301	4062	Laxi township, Baqên county	shallow well	1.80	0.47		7.32	867	105.7	13.4	25.3	38.4	38.5	26.0	62.0	453.4	
193	31.88797	93.78441	4032	Yala township, Sog county	stream	0.68	0.96		7.88	390	25.0	0.8	35.1	7.6	2.8	5.0	295.9		

194	31.89696	93.79501	4017	Yala township, Sog county	shallow well	1.00	0.65		7.53	812	54.6	3.5	44.6	60.0	7.2	16.8	26.0	535.8
195	31.76091	93.61981	4076	Zhala township, Biru county	stream	0.70	2.33	0.99	7.77	389	45.2	0.5	18.3	10.1	0.5	3.3	31.6	226.3
196	31.80332	92.83865	4256	Xiaqu township, Biru county	shallow well	0.58	1.26		7.45	844	104.7	4.0	32.4	28.8	6.8	9.8	144.5	406.0
197	31.74631	92.74621	4242	Daqian township, Nagqu county	stream	0.82	0.88		7.82	296	40.7	1.3	10.5	5.6			18.2	178.3
198	31.69697	92.42686	4589	Kongma township, Nagqu county	stream	0.52	0.50	0.20	7.36	768	104.1	1.9	29.5	16.9	29.5	0.9	25.8	527.8
199	31.31639	91.87416	4513	No.14 village, Luoma township, Nagqu county	shallow well	1.02	0.69		7.53	349	42.2	1.1	8.4	14.2	11.0	33.5	18.8	154.4
200	31.02165	91.67982	4657	Xiare village, Xiangmao township, Nagqu county	shallow well	1.74	0.51		7.57	702	100.4	1.1	11.6	18.3	43.7	109.2	29.4	232.4
201	30.82639	91.62546	4673	Gulu township, Nagqu county	shallow well	1.64	0.56		7.62	625	97.7	1.6	8.9	17.1	31.7	66.6	50.8	247.1
202	30.52467	91.29064	4347	Longren township, Damxung county	shallow well	0.90	0.45		7.8	290	46.7	0.7	8.3	2.3		5.3	7.1	188.3
203	30.08216	90.55382	4274	Yangbajing township, Damxung county	stream	1.93	0.30		7.4	478	45.7	9.0	7.3	32.8	33.8	55.6	34.5	152.6
204	29.96441	91.71323	4013	Dêqên township, Doilungdêqên county	stream	0.68	0.59	0.74	7.67	157.2	24.0	0.9	2.4	3.0		1.9	22.0	66.3

Note: \* Blank stand for below the apparatus detection limit.