

	11	66	1.08	1.07	4	111
	12	785	1.36	0.92		
1981	1	2750				
	2	553	1.63	1.28		
	3	2048	1.75	1.39		
	4	147				
	5	63	1.76	1.96	4.8	78
	6	22	1.25	1.45		
	7	30	0.96	1.3		
	8	24	0.80	1.29		
	9	28	1.09	1.44		
	10	321				
	11	2665	1.26	1.28		
	12	2728	0.98	1.31		
1982	1	14570				
	2	8252	1.69	0.85		
	3	14847	1.69			
	4	34299	1.50	0.7	4.4	111
	5	796	1.21	0.85		
	6	466	1.59	0.9		
	7	210				
	8	191				
	9	388	1.01	0.9	3.2	89
	10	482				
	11	3036	1.76	1.04		
	12	6251	1.31	0.65		
1983	1	25620				
	2	32095	1.51	0.65		
	3	49406	1.38	0.75	4.8	125
	4	11231				
	5	9115	1.24	0.5		
	6	1091	1.06	0.6	3.2	91
	7	808				
	8	706				
	9	992				
	10	667	1.54	1.15		
	11	5689	0.86	0.79		
	12	10885				
1984	1	3257	1.20	0.65		
	2	2153				
	3	1939	1.47	0.85		
	4	1123	1.84	0.6		
	5	969	1.58	0.95		
	6	777				
	7	777	1.10			
	8	740				
	9	731	1.03	0.8		
	10	777				
	11	2773	1.05	0.75		
	12	1470	1.24	0.55		
1985	1	1035				

	2	2390		
	3	2894	1.58	0.7
	4	878	1.16	0.75
	5	648	1.35	1.2
	6	624		
	7	649	1.02	0.65
	8	647		
	9	578	1.00	0.65
	10	834		
	11	1257		
	12	1206	1.05	0.75
1986	1	1717	1.30	0.79
	2	42384	1.54	0.4
	3	26756	1.99	0.7
	4	1876	1.39	0.5
	5	1018	1.78	0.8
	6	757	0.94	0.4
	7	716	0.86	0.4
	8	688	0.80	0.4
	9	810	1.36	0.5
	10	721	1.22	0.95
	11	742	1.10	0.85
	12	909	1.23	0.6
1987	1	1286	1.21	0.64
	2	2810	1.12	
	3	1563	1.68	
	4	546	1.35	
	5	573	1.19	
	6	597	1.07	
	7	514	0.92	
	8	505	0.87	
	9	481		
	10	729	1.01	
	11	693	1.05	
	12	1653	1.17	
1988	1	2115	1.37	
	2	672	1.44	
	3	595	1.50	
	4	483	1.45	
	5	277	1.48	
	6	219	1.13	
	7	221	1.00	
	8	136	0.89	
	9	150		
	10	153	1.08	
	11	376	1.22	
	12	1016		
1989	1	605	1.23	
	2	507	1.46	
	3	1613		
	4	285		

	5	160							
	6	81							
	7	51							
	8	53							
	9	129							
	10	567							
	11	541							
	12	214							
1990	1	944							
	2	1671							
	3	449							
	4	156							
	5	811		0	0.89		0.42	8.6	123
	6	117		0.32	0.39		0.34	7.1	133
	7	84		0.23	0			6.8	128
	8	40							
	9	90		0.38	0		0.00	6.0	117
	10	89		0.613	0		0.21	6.2	119
	11	112							
	12	527		0.41	0		0.00	7.2	129
1991	1	121		0.37	0		0.32	6.7	145
	2	686							
	3	7172		0	0		0.56	6.7	133
	4	256		0	0		0.00	6.3	112
	5	100		0.14	0.08		0.38	8.3	122
	6	69		0.2	0.09		0.18	8.2	145
	7	37		0.17	0.09		0.18	8.0	142
	8	25		0.14	0.07		0.14	6.9	107
	9	21		0.25	0.13		0.26	7.0	114
	10	256							
	11	189		0.3	0.11		0.21	5.6	94
	12	1409		0.44	0.11		0.22	6.8	133
1992	1	931		0.36	0.09		0.18	8.3	152
	2	9545		0.23	0.12		0.24	17.9	147
	3	2225		0.56	0.09		0.18	14.2	109
	4	272							
	5	117		0.35	0.08		0.16	8.0	97
	6	91		0.22	0.12		0.17	5.9	69
	7	59		0.34	0.12		0.01	5.7	119
	8	21		0.39	0.11		0.16	7.2	109
	9	14							
	10	73		0.37	0.12		0.18	2.9	119
	11	60		0.51	0.21		0.30	5.9	121
	12	2498		0.42	0.12		0.19	7.5	115
1993	1	19128		0.47	0.12		0.20	5.7	130
	2	14699		0.39	0.06		0.09	5.5	109
	3	6563		0.32	0.06		0.10	5.7	118
	4	1039	99	0.283	0	2318 39264	0.00	5.0	103
	5	392	89	0.11	0	2345 31983	0.25	6.0	88
	6	363	91	0.29	1.19	2716 42295	0.22	6.7	102
	7	171	92	0.44	0.95	2511 51868	0.22	5.8	127

	8	107		89	0.47	0.93	1738	39214	0.17	3.9	103
	9	100		81	0	0.96	1945	35649	0.20	4.5	103
	10	267		75	0	2.12	1884	37629	0.37	4.3	104
	11	502		75	0	1.77	1863	38878	0.31	4.2	104
	12	1013									
1994	1	867		61	0.52	0.37	2334	47567	0.21	5.9	116
	2	3598		48	0.55	1.01	2554	44452	0.19	6.3	120
	3	519		88	0.59	1.08	1996	39971	0.23	4.4	102
	4	533		82	0.47	0.97	2177	45764	0.17	5.3	111
	5	598									
	6	170		90	0.47		1930	46351	0.30	4.4	109
	7	111									
	8	115									
	9	93		60	0.38		1308	31199	0.30	2.4	85
	10	288		83	0.34		1452	45605	0.15	3.0	112
	11	965									
	12	719		84	0.32	0.82	2314	53760	0.18	5.9	121
1995	1	23498		59	0.295	0.65	2371	49599	0.23	6.0	122
	2	4049	1.57	98	0.38	0.84	2047	53127	0.25	4.9	125
	3	45104		76	0.33	0.65	2305	58803	0.32	4.5	131
	4	5080	1.44	78	0.27	0.67	2207	56301	0.28	4.2	127
	5	3621									
	6	1133	0.93	90	0.165	0.53	1666	37698	0.19	3.6	97
	7	573		69	0.215	0.44	2223	47776	0.17	5.3	112
	8	364		48	0.21	0.43	1869	32695	0.29	4.3	91
	9	361	1.14	56	0.22	0.46	2022	34850	0.20	5.2	95
	10	430		80	0.265	0.49	2206	50117	0.18	5.7	124
	11	358									
	12	3710		76	0.29	0.48	2160	60481	0.16	4.9	136
1996	1	6329		85	0.22	0.52	2215		0.22	5.2	
	2	19587	1.84	96	0.25	0.57	2284	58975	0.24	4.9	142
	3	13854		98	0.34	0.65	2304	51787	0.40	4.6	122
	4	2412	1.45	86	0.355	0.58	1957	61349	0.33	4.0	152
	5	2218									
	6	601	1.00	79	0.215	0.44	1581	44358	0.26	3.4	121
	7	442									
	8	411									
	9	291	1.11	84	0.14	0.34	1529	44590	0.17	3.3	118
	10										
	11										
	12			70	0.14	0.41	2163	38553	0.20	4.9	104
1997	1		1.43	75	0.3	0.53			0.49		115
	2		1.49	92	0.5	1.07			0.55		134
	3			53	0.46	0.4			0.34		117
	4		1.12	86	0.28	0.53			0.36		95
	5										
	6		1.69	93	0.42	0.78			0.35		117
	7										
	8										
	9		0.88	54	0.23	0.52			0.32		82
	10		1.04	59	0.27	0.5			0.33		95

	11									
	12	1.25	84	0.23	0.5			0.35		123
1998	1	1.36	94	0.19	0.5	57634	0.23			135
	2	1.52	87	0.19	0.45	21795	0.47			136
	3	1.40	91	0.35	0.41	60737	0.33			135
	4	1.32	81	0.49	0.45	59049	0.33			137
	5									
	6	1.27	67	0.42	0.42	56161	0.29			137
	7									
	8									
	9	0.71	78	0.34	0.45	41290	0.24			108
	10	0.85	74	0.33	0.55	47502	0.34			113
	11									
	12	1.26	71	0.39	0.58	56126	0.30			129
1999	1	1.43	89	0.26	0.5	2202	3.4	0.18	4.3	118
	2	1.45	91	0.2	0.42	2249	4.9	0.42	4.4	114
	3	1.48	92	0.2	0.39	2016	4.7	0.19	3.9	111
	4	1.55	96	0.23	0.45	2179	5.1	0.20	4.1	120
	5	1.13	71	0.17	0.31	1646	3.7	0.25	3.1	100
	6	1.22	68	0.23	0.37	1542	3.9	0.24	3.0	103
	7									
	8									
	9	0.98	32	0.16	0.3	1633	3.4	0.19	3.5	95
	10									
	11	1.26	61	0.2		2036	4.5		4.5	110
	12	1.48	95	0.3		2401	5.3		5.3	123
2000	1	1.40	87	0.44		2333	5.4		5.1	139
	2	1.50	83	0.39		2519	5.9		5.3	142
	3	1.40	84	0.33		2302	5		4.9	129
	4	1.50	92	0.35		2266	5.25		4.5	134
	5									
	6	1.10	60	0.27		1740	3.7		3.3	105
	7									
	8									
	9	1.00	70	0.31		1661	3.5		3.3	98
	10									
	11	0.90	66	0.28		1489	3.5		2.9	89
	12	1.20	61	0.37		1877	4.3		3.8	104
2001	1	1.30	59	0.35		2057	4.9		4.1	119
	2	1.20	68	0.27		2189	5.1		5.0	116
	3		71	0.55		2372	5.3		4.9	121
	4	1.40	88	0.54		2225	5.6		4.7	123
	5		79	0.41		2116	6.1		4.2	131
	6	1.10	61	0.36		1577	2.9		3.0	90
	7									
	8									
	9	0.90	41	0.48		1686	2.6		2.9	76
	10	1.00	61	0.43		1680	2.7		3.2	83
	11									
	12	1.30	84	0.47		2284	3.5		4.4	102
2002	1	1.0	55	0.3		1419	31667		2.1	91.5

2	1.3	62	0.4	1631	41629	2.6	120.1
3	1.5	96	0.3	1580	48709	2.6	128.0
4	1.2	86	0.3	1348	41362	1.8	109.1
5	1.3	80	0.3	1519	43317	2.2	115.0
6	1.2	89	0.3	1393	36564	2.0	95.1
7							
8							
9	0.9	65	0.2	1261	32374	1.8	90.6
10	0.9	41	0.3	1298	30700	1.8	84.9
11							
12	1.3	77	0.5	1703	50614	2.5	138.5
2003							
1	1.7	95	0.65	2990	69990	2.5	188.3
2	1.5	53	0.58	2715	64084	1.4	179.6
3	1.1	79	0.46	2843	66547	2.1	184.4
4	1.4	50	0.47	2614	60254	1.7	167.3
5	1.2	48	0.47	2247	52422	0.7	144.4
6	1.3	56	0.50	2470	56055	1.1	158.8
7							
8							
9	1.0	25	0.41	2245	50345	0.6	157.9
10	0.8	39	0.41	1894	42871	0.1	132.2
11							
12	1.0	48	0.47	2295	50946	1.5	152.0

DATA (concentration in ug/g)

Cu Hcl	Cu TOT	Fe Hcl	Fe TOT	Hg	Mn Hcl	Mn TOT	Ni Hcl	Ni TOT	Pb Hcl
25.6		5502			1044				
26.9	50.1	5386	48100		799	1202			
32.9	46.2	6056	44300		491	878			
29.0	51.5	7307	32700		780	1050			
35.5	55.6	7355	31800		585	826			
34.8	63.4	6468	41400	0.32	364	613		65	
14.1	21.8	5006			321				
11.2	24.8	4783	27700	0.28	792	950		42.5	
41.8	56.7	6443	43500		804	1627			
28.1	36.2	7327	18100		1012	561			
63.0	61.0	13846	57500	0.45	713	1046		56.5	
54.0	74.2	12767	71800	0.56	1488	1634		99.6	
46.0	65.3	4721	51600	0.45	812	1088		78.3	
54.4	69.1	9840	71100		684	1457			
46.5	49.1	10085	41600		278	536			
33.7	57.2	7342	72900	0.35	283	647		69.8	
45.9	70.0	9043	50200		549	924			
38.1	50.6	7500	13600		850	1088			
38.1	59.7	7228	46800	0.44	887	1155		74.4	
45.3	69.0	8906	48500		1004	1234			
46.8	63.5	10370	37700		788	932			
53.9	77.9	10436	56900	0.42	1063	1463		88.5	
110.0	115.0	10196	59400		901	1240			
48.9	83.1	8690	41000	0.41	413	690		81.2	
52.9	92.4	8074	45170		313	630			
52.2	76.1	9102	39130		245	543			
39.9	64.2	8226	38640		500	749			
42.3	60.4	9168	38430		611	963			
62.6	150.0	9646	79500	0.38	967	2400		74.5	
43.1	76.6	6134	41907		990	1108			
50.9	80.7	6744	42664	0.36	614	777		79	
56.6	85.4	6608	44070	0.32	529	712		78.8	
59.1	87.8	7636	50952	0.41	597	776		88.1	
45.3	65.9	6729	42992		457	656			
50.7	66.8	6133	41673		531	787			
39.0	58.4	6395	45136	0.29	477	820		71.1	
39.2	53.5	6244	34937		526	703			
42.4	54.0	5908	36017		650	869			

38.2	55.3	6923	39197	0.38	945	1117	78.1
45.0	56.4	8223	49924		1112	1370	
50.3	74.0	9527	50200		1555	1770	
65.5	82.0	9612	55100		1297	1516	
59.6	91.4	8563	55680	0.46	1245	1244	99.7
40.0	64.4	7790	42080		345	526.7	
32.5	60.5	5882	40500		511	631	
37.1	61.4		35640			543.5	
45.6	79.6	6259	44450		344	1193	
52.1		8186	54660		1539	1737	
48.6		7066	48120		789	996.2	
40.4		7572	53610		908	1082	
40.3	76.8	6938	52230		959	1094	
33.7	66.0	7053	45800	0.39	428	648.9	87.6
32.6		6520	39540		360	539.2	
46.0	72.2	7902	50515		655	900.2	
30.2	56.3	7296	32218	0.36	382		72.4
29.7		6913			620		
28.0		7247			797		
27.4		6054			694		
23.2		5064		0.38	556		91.4
	63.3	5739	28761		881	546	
25.0	51.3	5810	25580	0.33	438	665	80
38.1	67.4	8293	32256		985	1114	
36.3	66.9	6358	30337		1077	589	
25.3	56.0	7102	35062		1071	697	
23.8	55.9	6720			791		
32.8	55.1	5380	29786		853	628	
20.9	44.1	4008	27236		1231	686	
33.3	55.9	5679	30543		838	567	
21.6	48.8	7124	28971		262	316	
25.1		5715			557		
52.5	57.7	8804	37822		1302	1122	

35.0	57.3	7206	28749	1315	852
26.5	39.5	6245	28737	833.9	708
29.7	59.8	7749	30435	1260	851
24.5	32.9	5906	29167	961	489
22.0	37.7	5606	29630	732	406
22.7	44.5	6184	34745	946	1072
26.0	47.8	6371	36311	958	1175
31.0	69.3	7000	53787	809	1254
30.5	56.5	6422	44420	975	1114
24.3	55.6	6864	42548	1175	1394
18.7	28.2	4379	23244	664	544
20.0	39.2	6028	36656	684	652
18.3	41.1	5810	31027	772	988
16.0	37.3	5987	37361	730	1058
27.7	52.6	7485	35145	1513	1869
24.1	55.2	6948	39221	1345	1432.8
25.8	46.2	7166	25478	1376	1503.6
26.7	57.9	7595	44850	1449	1776.6
24.2	53.9	6902	42416	1246	1716.3
25.2	49.0	6774	37841	986	1137
22.9	54.7	7671	45340	1453	1917.1
19.1	57.8	9005	48966	920	1247
14.2	52.4	6474	35051	354.7	627.1
20.7	47.3	7815	37212	885.1	1171.9
17.6	32.1	5796	35256	519.8	783.5
15.7	34.6	5932	32283	552.8	787.9
19.5	37.7	5349	29294	745.1	902.5
26.3	44.5	6761	35220	1225.2	1382.9
23.2	51.8	6543	41457	1303.3	1708.5
34.0	63.9	8410	52994	1248.8	1537.2
32.3	48.0	8433	38043	1471	1370.8
28.4	56.5	8527	47771	1304.1	1516.7
26.3	56.7	8462	44601	710.1	875.9
32.6	59.3	10133	49223	890.9	1126.9
22.3	46.7	7543	39184	665.7	836.7
21.0	43.0	6810	36199	550.3	791.9
19.2	44.0	6603	38156	544.9	836.4
25.7	56.9	6791	44243	955.2	1162
29.6	56.7	8431	48427	1338.6	1552.2
28.3	56.3	6841	51346	951.8	1391.6
28.8	59.4	8734	51645	921.4	1389.4
32.4	57.0	9392	48906	1520.9	1566.9
29.5	55.6	9808	48230	769.2	900.5

21.1	47.8	7485	41322	428.5	606.9			
25.1	46.0	8508	36351	616.7	699.2			
22.5	22.7	7142	20527	1023	631.1			
20.6	49.5	5642	44233	1149.1	1526.9			
26.1	48.5	7929	45307	1291.3	1426.6			
27.1	57.2	6806	52249	1250	1544.3			
27.2	62.5	7223	55843	1188.2	1505.2			
23.7	56.9	8199	47553	802.4	1219.8	10.41	110.57	31.45
18.8	52.4	7193	42842	433.7	780	9.81	98.66	26.34
19.0	45.8	6664	44538	623.6	1035.9	9.36	99.86	24.82
21.6	44.0	6816	42063	774.8	1037.8	9.06	95.03	28.33
19.8	42.6	6038	44035	970	1523.2	7.89	101.54	23.77
23.4	51.8	7013	42529	908.9	1243.1	9.27	100.81	27.73
26.9	59.5	7229	46209	1088.6	1483.3	9.34	110.71	33.37
30.9	64.4	7479	47411	1226	1529.1	10.82	117.03	40.15
26.3	55.7	6962	41766	1174.6	1500.6	11.71	98.94	34.88
25.0	49.6	8130	46324	787.9	1105.5	10.87	103.57	30.87
28.8	51.2	8773	48734	876.7	1075.2	12.19	107.1	37.29
23.9	48.8	7609	45400	628.5	938.5	10.77	96.45	28.53
21.1	43.5	7022	39868	553.7	802.9	9.72	90.2	28.6
21.1	42.6	7399	41693	505.6	817.3	10	85.55	26.02
20.6	43.6	6068	40592	637.7	979.8	8.17	87.3	25.32
25.3	58.8	7433	53364	1414	1843.5	9.77	116.98	33.07
28.5	64.9	8264	56886	1232.7	1724.1	10.79	125.86	35.08
27.4	60.5	6642	54664	1133.5	1662.9	10.16	122.34	33.96
48.7	54.7	14924	48852	1523.3	1163.9	21.06	109.56	59.68
24.7	52.5	8018	46584	1399.5	1743.6	11.13	106.89	30.51
19.8	35.5	6077	28851	807.9	844.4	8.76	66.14	26.73
21.2	50.9	6648	42452	663.9	946.1	8.57	101.11	30.71
19.6	45.4	6650	36921	728	952.5	9.82	81.3	25.92
21.1	47.3	4884	39546	1275.4	1632.8	6.14	90.92	28.6
26.0	57.5	6711	45069	1786.8	2176.1	8.28	107.08	33.76
28.8	48.7	7847	41015	1450.6	1452.3	10.23	91.64	33.86
29.5	54.2	7292	45419	1261.4	1385.8	10.7	101	38.79
22.4	50.7	5016	41600	1067.7	1335.5	8.64	91	30.81
23.3	47.6	5280	40162	1291.3	1541.6	9.25	94	30.73
19.1	54.5	4944	40770	1100.7	1453.6	8.443	97	29.098
23.2	42.8	6231	36170	617.3	789.6	9.492	86	28.854
23.0	46.0	5964	39465	1178.204	1396.583	9.617	95	29.776
24.0	51.0	5505	77874	747.323	1078.971	8.997	102	29.958

16.0	34.0	3751	37833		728.834	990.965	5.716	85	26.186
18.0	28.0	4340	39273		450.548	738.2	7.514	90	27.027
18.0	30.0	4718	37978		524.636	792.469	7.146	86	26.002
18.0	32.0	4307	37865		536.987	795.341	6.579	85	26.287
20.0	51.0	5494	75127		730.546	1053.934	8.1	97	30.283
22.0	53.0	6380	47706	0.34	870.55	1202.762	8.601	107	34.099
19.0	44.0	4709	52683		722.261	1012.692	7.201	90	27.657
21.0	49.0	5418	53691	0.23	450.862	714.513	8.088	92	28.397
18.0	43.0	4603	41745		508.487	796.742	7.32	94	27.995
13.0	33.0	3304	33819	0.33	520.651	863.252	4.551	78	17.573
15.0	38.0	3447	38370		862.041	1154.818	4.876	85.224	22.461
20.0	45.0	5807	40900		1131.342	1277.548	7.962	95	29.775
20.0	49.0	5800	48911		865.61	1177.583	9.527	99	27.341
19.0	48.0	4536	73196	0.42	934.203	1232.152	8.111	97	27.793
24.0	56.0	4680	79405		673.404	1005.358	10.427	108	27.983
22.0	50.0	4192	72878	0.34	457.331	765.777	9.685	103	23.78
14.0	33.0	3623	33577	0.29	425.528	685.186	6.306	78.236	19.581
18.0	44.0	4993	61088		706.656	960.538	8.088	98.109	27.714
18.0	35.0	4153	37040	0.3	357.696	640.072	7.957	84.066	22.711
17.0	36.0	4735	37424	0.3	594.244	888.713	8.224	87	23.769
18.0	45.0	5032	39811		870	1147	8.388	90	26.85
20.0	43.0	4974	74303		999	1308	7.822	107	28.643
18.6		5171		0.33	885		8.3		27.807
20.0	50.0	4864	72278	0.3	1077	1463	8.5	109	30.046
24.0	46.0	4891	71222	0.29	1129	1201	10	95	31.718
20.0	51.0	4112	64713	0.26	465	829	8.1	102	25.644
15.0	38.0	3660	37494	0.21	347	663	6.3	83	20.843
15.0	36.0	3710	34431	0.22	406	684	5.6	78	21.23
19.0	39.0	5037	40942	0.28	834	1175	7.6	97	25.892
16.7	44.1		53042	0.3		895		86.1	
24.5	52.5		81476	0.39		1089		116	
18.1	44.1		41520	0.41		975		93	
15.8	32.5		34786	0.29		801		77.9	
19.4	53.3		46840	0.38		1093		109	
14.1	29.9		31127	0.26		646		72.5	
15.7	34.7		36452	0.3		763		82.5	

18.0	54.8		42901	0.31		974		97.4	
21.3	50.0		54780	0.34		1226		108	
23.6	52.0		45603	0.28		1073		98	
25.1	52.0		45033	0.34		884		103	
19.1	47.0		44043	0.3		941		97	
17.9	44.0		42268	0.32		613		91	
14.5	34.0		33597	0.26		599		71	
17.3	41.0		38556	0.34		825		86	
20.0	50.0		45262	0.38		1123		102	
18.3	49.5	4258	5.4	0.41	736	1013	7.3	91.3	24.9
21.5	48.7	5235	7.6	0.25	710	997	8.2	91.2	24.3
18.5	44.7	4304	6.9	0.34	791	1046	7.3	85.9	23.5
17.7	48.9	4071	5.0	0.3	924	1238	6.8	97.9	24.2
15.4	37.0	3517	3.7	0.24	385	685	5.6	82.9	19.2
17.0	40.2	3427	3.7	0.34	382	722	5.9	85.9	19.2
14.0	33.7	3795	3.3	0.25	661	909	6.3	77	19.7
16.4	42.7	4458	3.8	0.34	1013	1310	7.6	91.3	22.6
19.0	50.0	5172	4.3	0.33	1323	1596	8.8	104	25
20.0	45.0	5124	4.5	0.33	1162	1638	7.18	103	20.1
22.8	50.0	5597	4.6	0.29	969	1380	8.64	104.5	20.4
21.6	43.7	5068	4.3	0.29	646	979	8.18	97.2	19.7
19.3	45.1	4508	4.4	0.29	895	1284	7.69	98.1	18.8
15.2	34.1	4064	3.6	0.3	360	638	6.15	80.5	15.8
15.2	30.9	4033	3.4	0.27	569	821	5.84	76.2	16.7
13.6	26.7	3680	3.3	0.26	650	934	5.53	72.4	17.3
17.0	33.0	4190	3.9	0.3	826	1215	6.29	84.2	19.1
16.6	38.3	4571	4.2	0.29	963	1360	6.77	93.9	20.7
21.7	39.0	5978	4.2	0.43	417	732	10.2	97.1	21
20.2	39.9	5460	4.4		954	1300	8.72	95.7	22.9
17.9	38.7	5202	4.3	0.31	1138	1586	7.51	93	21
17.8	41.0	4537	4.4		562	944	6.89	93.5	20.3
14.4	28.3	3642	3.3	0.27	472	767	5.55	75.6	17.6
11.6	25.5	3976	3.4		665	976	5.44	76	17.4
13.9	27.2	3886	3.3	0.35	613	896	6.08	75	16.7
15.8	34.0	4895	3.7	0.27	976	1358	6.66	83.8	19.3
11.9	32.4	3419.1	33253.4	0.26	624.5	933.9	5.3	74.5	15.8

12.9	40.1	3634.3	41631.9	0.31	890.0	1341.0	5.5	93.5	18.2
13.6	46.5	3451.1	43366.4	0.34	871.4	1450.6	5.2	97.9	16.4
12.2	38.6	3109.0	38053.7		418.5	802.3	5.0	84.6	15.5
15.4	41.3	3536.8	39314.9	0.28	459.0	809.8	5.5	88.2	17.3
12.8	35.6	3408.9	35278.8		372.0	687.7	5.2	78.6	14.8
11.6	32.7	3192.7	32596.6	0.25	398.5	727.4	5.1	72.7	13.8
11.9	32.0	3412.6	31911.3		422.4	695.2	5.6	71.2	13.9
15.8	42.7	3404.0	40771.8	0.4	863.6	1347.7	5.5	91.7	19.0
24.4	43.7	6164.5	49451	0.24	1009.1	1491.8	7.7	104.3	17.8
19.8	36.7	5861.8	45644	0.29	994.8	1410.7	6.9	95.7	16.8
22.8	41.1	6334.2	48030		543.7	897.6	7.8	101.2	18.4
20.2	36.9	5845.5	45400	0.30	509.5	868.2	7.0	94.8	16.8
17.7	31.0	5113.4	41454		515.2	849.1	6.2	85.6	15.8
21.2	36.4	5284.3	44205	0.31	446.9	776.9	6.3	91.1	16.6
16.1	28.2	4975.9	39258	0.29	422.1	721.2	6.2	79.8	14.8
12.7	22.1	4273.5	35438		564.1	865.8	5.5	71.9	13.8
15.6	27.6	4838.3	39963	0.27	589.1	942.5	6.1	81.7	14.9

Pb TOT	Se	V Hcl	V TOT	Zn Hcl	Zn TOT
				45.1	
				29.7	119
				40.6	122
				47.3	166
				58.7	109
34.3			47.9	48.7	118
				29.5	59.8
19.8			32.7	26.2	39.4
				56	89.7
				64.2	54.2
34.5			40.5	101	152
65.1			83.4	87.9	172
54.6			59.2	69.8	132
				65.7	173
				56.4	94.9
39.3			55.4	59	112
				64.4	135
				54.8	125
40.2				49.6	170
				70.1	159
48.8			68.8	65.6	123
				79.5	156
48			58.7	76.4	162
				56.9	150
				61.3	164
				66.8	135
				72.2	127
				92.9	134
39.9			55.1	57.1	350
				54.8	164
57.9			93.4	61.4	178
54.5			86.6	89.4	182
60.8			94.2	74.1	168
				54.6	125
				51.6	125
38.9			57.9	43	169
				54.8	119
				49.3	125

45.9	82.9	72.8	124
		62.7	143
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		72.2	190
		87.7	156
61.4	88.5	80.4	191
		65.8	130
		51.4	128
		59.3	125
		54.9	153
		73.9	174
		76.6	152
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		69.7	176
		57.2	169
50.3	88.6	59.3	136
		52.8	106
			155.2
39.6	62.8	48.5	
		47	
		76.6	
<hr/>			
		51.6	
51.2	98.4	40.7	
		59.2	188
39	64.3	42.1	132
		60.6	167
		58.3	164
		45.3	194
<hr/>			
		51.7	320.8
		60.1	189.8
		46.1	132
		56.6	148
		52.5	137.2
		41.8	
		79.3	160.9
<hr/>			

70	164.59
53.1	121.8
158.6	163

45.5	114
------	-----

72.6	117.3
------	-------

46.7	106.8
------	-------

45.9	130.8
------	-------

72.4	155.3
------	-------

62.8	177.2
------	-------

58.4	142.5
------	-------

33.2	88.7
------	------

45.6	138.5
------	-------

41.1	121.3
------	-------

0.1	
-----	--

53.9	137.1
------	-------

63.3	156.4
------	-------

49.2	109.2
------	-------

58.3	150.5
------	-------

47.2	132
------	-----

52.1	134.4
------	-------

61.5	152.9
------	-------

70.9	155.1
------	-------

45.7	270.3
------	-------

59.2	306.3
------	-------

47.9	0.4
------	-----

49.6	115.1
------	-------

49.3	114.6
------	-------

0.8	
-----	--

54.4	0.7
------	-----

64.6	161.8
------	-------

89.4	123.8
------	-------

76.1	134.2
------	-------

0.2	
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117	0.9
-----	-----

44.1	120.4
------	-------

101.8	
-------	--

53.2	262.5
------	-------

56.7	0.4
------	-----

51.3	207
------	-----

55.8	159.4
------	-------

71	182.82
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164.09	
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73.7	158.73
------	--------

			63.5	131.71
			72.5	121.17
			43.1	
			36.5	137.61
			68	134.84
			55.6	165.34
			113.39	170.12
36.65	15.61	106.01	61.8	162.88
29.4	12.91	115.59	58.02	148.3
25.45	12.28	103.52	50.65	148.13
34.25	12.55	95.66	51.41	142.28
29.86	10.48	85.26	46.67	147.15
31.88	14.17	118.9	48.45	147.15
35.09	15.9	133.85	57.23	164.41
40.77	16.94	117.1	70.61	179.58
38.61	15.4	95.97	59.39	152.94
38.61	15.84	94.01	55.87	155.42
37.82	15.89	118.72	68.53	152.33
33.15	13.53	118.68	54.91	125.23
34.2	12.02	84.89	54.85	103.04
33.96	11.68	92.39	53.21	131.75
30.86	10.32	78.4	55.7	115.2
46.46	15.46	130.08	58.69	100.07
51	16.57	72.13	72.13	167.02
50.74	14.52	118.5	48.94	166.11
48.19	28.44	92.2	121.06	160.27
40.65	14.42	79.43	63.22	153.53
22.47	11.5	60.74	51.68	103.28
34.26	11.82	114.52	54.57	146.77
29.96	11.44	106.53	50.24	126.81
29.31	9.02	97.14	44.41	133.38
41.48	13.61	110.6	60.81	193.71
43.21	16.35	97.26	67.94	139.8
49.46	15.16	115.02	61.27	156.74
34.62	13.6	92.55	46.88	143.46
34.75	12.35	99.99	51.73	135.94
39.769	11.695	75.601	55.82	150.17
38.035	12.233	66.506	52.61	125.75
38.723	12.929	78.733	58	138
38.339	12.637	100.491	55	136

37.574		9.312	82.167	36	115
39.346		10.274	80.089	42	116
37.897		10.204	81.012	43	117
38.3		9.935	82.139	41	119
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41.261		13.593	96.462	48	148
49.036		14.738	95.479	53	156
36.531		11.023	79.911	46	137
36.732		12.05	88.794	51	134
40.086		10.534	87.705	46	136
31.105		6.802	65.845	29	106
35.568		7.385	93.275	35	126
42.277		13.293	105.736	49	145
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50.193		12.894	104.401	50	149
40.874		11.193	97.506	48	145
41.372		12.934	115.643	47	157
40.035		10.635	113.221	45	143
38.024		6.632	74.419	34	112
39.628		9.997	76.003	45.978	131.543
36.593		7.921	59.058	41	117
36.731		8.57	62.537	43	117
36.426		9.772	92.651	46	138
37.091		10.53	102.527	46	148
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	0.5	10.6		47	
44.45	0.6	11.8	104	49	166
39.858	0.6	13	95	57	141
45.378	0.5	10	103	44	150
37.564	0.3	7.2	85	39	125
37.558	0.3	6.7	88	33	115
41.328	0.4	9.9	67	45	139
<hr/>					
	0.5		97.3	37.5	134
	0.4		97.2	48.8	154
	0.2		95	40.6	133
	0.4		73.3	37	103
	0.4		78.9	50.2	159
	0.3		51.7	35.5	104
	0.3		65.2	38.7	114

	0.4		94.3	42.8	138
	0.5		102	50.1	147
	0.6		109	50.8	151
	0.6		102	50	149
	0.5		113	41.6	137
	0.5		108	40.1	133
	0.3		84	34.1	108
	0.3		91	40.5	121
	0.4		105	46.5	142
49.3	0.4	10.6	89.7	39.9	132
40.4	0.7	11.8	82.1	40.6	134
40.1	0.6	10	72.7	40.4	126
48.1	0.5	11	94.7	39.3	138
41.7	0.4	8.1	71.1	32.5	115
45.1	0.3	7.1	71.4	31.2	119
41.5	0.2	6.8	64.2	34.9	106
45.5	0.3	9.1	81.2	39.4	124
50.3	0.4	11.5	92.6	47.2	142
32.9	0.4	11.78	122.9	41.1	139
33.7	0.5	13.08	131.2	46.1	148
30.9	0.4	11.82	117.2	44.4	136
31.1	0.5	11.07	124.4	41.2	138
25	0.3	8.05	95.9	35.8	110
24.7	0.3	7.99	91	33.6	103
25.2	0.3	7.05	73.4	27.9	82.3
28.8	0.3	8.73	86	31.5	97.3
32	0.3	9.76	103	30.6	104
31.9	0.4	15.1	101	36.4	98.7
33.6		12	104	42.9	113
32.1	0.4	10.8	110	37.9	108
32.9		10.2	121	38.6	112
23.8	0.3	7.36	70	31.2	107
24.5		7.67	71.8	29.1	94.6
23	0.3	8.13	71.3	28.2	93.7
27.2	0.3	10.4	81.5	37.5	122
23.7	0.3	7.2	70.1	28.8	95.4

29.9	0.4	9.2	85.4	32.1	124.1
31.9	0.4	8.6	93.6	32.8	132.4
27.0		6.9	86.4	29.4	110.6
27.8	0.4	7.8	87.2	34.8	116.2
24.8		6.7	76.2	30.5	102.6
22.7	0.3	5.8	68.7	28.0	92.6
21.2		6.1	66.3	28.0	91.5
30.8	0.3	8.4	130.2	33.7	124.3
35.0	0.48	12.7	165.7	55.3	158.8
30.8	0.38	11.3	152.2	50.1	140.6
33.7		12.6	158.6	55.1	151.8
30.9	0.42	10.6	151.6	51.8	139.1
28.4		9.0	139.5	46.0	119.8
31.3	0.45	9.2	145.8	51.5	133.7
26.2	0.26	8.2	127.1	44.0	112.4
23.6		7.1	120.0	36.8	98.5
25.1	0.27	8.6	131.9	42.8	114.7