

Aluminum	D_Aluminum	Arsenic	D_Arsenic	Barium	D_Barium	Beryllium	D_Beryllium	Cadmium	D_Cadmium
15400	1	3.53	1	192	1	1.29	1	0.595	0
3990	1	1.65	1	75.9	1	0.408	1	0.579	0
12800	1	2.78	1	170	1	1.12	1	0.578	0
11100	1	2.79	1	158	1	0.968	1	0.531	0
10500	1	2.54	1	152	1	0.743	1	0.527	0
4030	1	1.29	1	54.8	1	0.24	1	0.529	0
2390	1	1.2	0	46.9	1	0.198	1	0.557	0
13100	1	0.563	0	188	1	0.995	1	0.623	0
8100	1	2.96	1	176	1	1.08	1	0.727	0
9370	1	0.339	0	163	1	0.938	1	0.779	0
11500	1	1.95	1	135	1	0.912	1	0.309	1
3980	1	1.34	1	52.3	1	0.831	1	0.183	1
20000	1	2.96	1	176	1	1.27	1	0.18	1
12000	1	2.13	1	181	1	0.679	1	0.635	1
7560	1	1.99	1	117	1	0.599	1	0.178	1
21100	1	3.08	1	226	1	1.33	1	0.278	1
19200	1	1.08	1	189	1	0.355	1	0.212	1
6630	1	2.01	1	83	1	0.575	1	0.196	1
9170	1	2.37	1	118	1	0.814	1	0.21	1
4420	1	1.56	1	71.9	1	0.364	1	0.609	0
4640	1	1.27	1	83.3	1	0.423	1	0.122	1
3200	1	3.63	1	49.5	1	0.47	1	0.313	1

Calcium	D_Calcium	Chromium	D_Chromium	Cobalt	D_Cobalt	Copper	D_Copper	Iron	D_Iron
2510	1	17.9	1	7.73	1	8.76	1	17600	1
3090	1	9.14	1	2.99	1	6.46	1	9140	1
2410	1	13.7	1	5.74	1	9.54	1	15300	1
2140	1	17.4	1	5.98	1	8.11	1	14600	1
2510	1	19.2	1	6.12	1	8.89	1	14900	1
5210	1	11	1	2.78	1	6.29	1	11100	1
4970	1	22.5	1	2.05	1	4.09	1	7260	1
2260	1	13.6	1	6.48	1	7.87	1	15800	1
2890	1	13.1	1	5.39	1	7.24	1	6750	1
2930	1	23.2	1	5.62	1	8.55	1	12900	1
1660	1	21.7	1	4.89	1	7.17	1	12300	1
822	1	41.4	1	4.31	1	6.6	1	8160	1
2320	1	23.2	1	6.34	1	8.76	1	18000	1
2300	1	12.1	1	7.86	1	10.8	1	14700	1
1700	1	12.9	1	3.66	1	7.65	1	10300	1
2780	1	15.6	1	7.27	1	10	1	17900	1
2440	1	14.5	1	6.09	1	7.56	1	16000	1
1930	1	11.5	1	3.31	1	6.3	1	10800	1
2690	1	10.5	1	4.37	1	9.14	1	11900	1
2950	1	13.2	1	2.36	1	8.45	1	8980	1
3110	1	12.8	1	3.14	1	6.58	1	8740	1
1550	1	6.34	1	2.21	1	9.11	1	10500	1

Lead	D_Lead	Magnesium	D_Magnesium	Manganese	D_Manganese	Nickel	D_Nickel	Silver	D_Silver
16.4	1	2770	1	408	1	12.9	1	0.595	0
8.09	1	1200	1	202	1	5.04	1	0.579	0
44.7	1	2330	1	344	1	10.6	1	14.7	1
15.8	1	2100	1	345	1	10.3	1	0.531	0
14.7	1	1980	1	370	1	8.67	1	0.527	0
6.88	1	2070	1	238	1	4.83	1	0.529	0
5.89	1	820	1	155	1	4.65	1	0.557	0
16.9	1	2500	1	394	1	1.5	1	0.623	0
19.5	1	1850	1	377	1	9.26	1	0.727	0
150	1	1890	1	376	1	0.849	0	0.779	0
16.4	1	1700	1	315	1	6.8	1	0.203	1
12.4	1	637	1	281	1	4.85	1	0.188	1
16.1	1	2610	1	345	1	10.5	1	0.416	1
35.7	1	2120	1	525	1	6.26	1	0.528	1
18.2	1	1380	1	271	1	6.11	1	0.244	1
16.5	1	3190	1	445	1	11.1	1	0.196	1
14.6	1	2610	1	317	1	3.56	1	0.287	1
28.3	1	1210	1	246	1	6.32	1	0.265	1
12.3	1	1820	1	279	1	7.5	1	0.338	1
15.3	1	1430	1	241	1	7.2	1	0.506	1
45.9	1	1240	1	242	1	4.94	1	0.578	0
63700	1	749	1	177	1	5.23	1	0.743	1

Vanadium	D_Vanadium	Zinc	D_Zinc
34.7	1	36.1	1
17.2	1	27.6	1
30.8	1	37.5	1
30	1	31.6	1
30	1	31.4	1
21.5	1	28.2	1
13.3	1	24	1
32.7	1	29.6	1
11.7	1	30.2	1
24.8	1	108	1
23.4	1	29.2	1
8.99	1	39.5	1
34.6	1	32.9	1
31.3	1	41	1
17.9	1	32	1
34.6	1	36.2	1
29.4	1	30.2	1
18.9	1	42.3	1
23.5	1	29.8	1
12.6	1	27	1
18.8	1	23.5	1
9.99	1	206	1

Aluminum	D_Aluminum	Arsenic	D_Arsenic	Barium	D_Barium	Beryllium	D_Beryllium	Cadmium	D_Cadmium
15400	1	3.53	1	192	1	1.29	1	0.595	0
22900	1	3.18	1	253	1	1.58	1	0.543	0
3990	1	1.65	1	75.9	1	0.408	1	0.579	0
14100	1	3.21	1	195	1	1.16	1	0.573	0
12800	1	2.78	1	170	1	1.12	1	0.578	0
10800	1	3.2	1	158	1	0.939	1	0.591	0
11100	1	2.79	1	158	1	0.968	1	0.531	0
10900	1	1.83	1	214	1	1.33	1	0.559	0
10500	1	2.54	1	152	1	0.743	1	0.527	0
14700	1	2.74	1	181	1	1.18	1	0.55	0
4030	1	1.29	1	54.8	1	0.24	1	0.529	0
13400	1	2.55	1	150	1	0.82	1	0.539	0
2390	1	1.2	0	46.9	1	0.198	1	0.557	0
10100	1	2.31	1	153	1	0.805	1	0.538	0
13100	1	0.563	0	188	1	0.995	1	0.623	0
20400	1	2.51	1	232	1	1.32	1	0.552	0
8100	1	2.96	1	176	1	1.08	1	0.727	0
7630	1	2.46	1	125	1	0.796	1	0.526	0
11700	1	1.12	0	158	1	0.879	1	0.568	0
9370	1	0.339	0	163	1	0.938	1	0.779	0
11500	1	1.95	1	135	1	0.912	1	0.309	1
17600	1	2.73	1	190	1	1.3	1	0.264	1
19800	1	2.85	1	183	1	1.24	1	0.214	1
3980	1	1.34	1	52.3	1	0.831	1	0.183	1
21200	1	3.15	1	186	1	1.18	1	0.257	1
20000	1	2.96	1	176	1	1.27	1	0.18	1
12000	1	2.13	1	181	1	0.679	1	0.635	1
18900	1	2.9	1	183	1	1.34	1	0.203	1

7560	1	1.99	1	117	1	0.599	1	0.178	1
20800	1	2.73	1	223	1	1.17	1	0.256	1
21100	1	3.08	1	226	1	1.33	1	0.278	1
16600	1	3.01	1	174	1	1.02	1	0.162	1
19200	1	1.08	1	189	1	0.355	1	0.212	1
3830	1	1.42	1	106	1	0.312	1	0.538	0
6630	1	2.01	1	83	1	0.575	1	0.196	1
15800	1	3.18	1	170	1	1.09	1	0.186	1
9170	1	2.37	1	118	1	0.814	1	0.21	1
18500	1	2.77	1	163	1	1.21	1	0.18	1
4420	1	1.56	1	71.9	1	0.364	1	0.609	0
3660	1	2.91	1	74.9	1	1.04	1	0.121	1
4640	1	1.27	1	83.3	1	0.423	1	0.122	1
13900	1	3.28	1	173	1	1.56	1	0.226	1
3200	1	3.63	1	49.5	1	0.47	1	0.313	1
15100	1	2.72	1	180	1	1.13	1	0.159	1
6720	1	1.85	1	173	1	0.776	1	0.367	1
1560	1	0.407	1	22.4	1	0.212	1	0.498	0
411	1	1.07	1	13.2	1	0.275	1	0.452	0

Calcium	D_Calcium	Chromium	D_Chromium	Cobalt	D_Cobalt	Copper	D_Copper	Iron	D_Iron
2510	1	17.9	1	7.73	1	8.76	1	17600	1
3600	1	23.4	1	6.28	1	10.2	1	18600	1
3090	1	9.14	1	2.99	1	6.46	1	9140	1
2920	1	13.9	1	7.42	1	8.03	1	16500	1
2410	1	13.7	1	5.74	1	9.54	1	15300	1
3510	1	13.1	1	5.39	1	6.48	1	13100	1
2140	1	17.4	1	5.98	1	8.11	1	14600	1
2680	1	18	1	4.95	1	6.82	1	8060	1
2510	1	19.2	1	6.12	1	8.89	1	14900	1
2790	1	151	1	7.05	1	10.2	1	16900	1
5210	1	11	1	2.78	1	6.29	1	11100	1
1980	1	14.4	1	4.62	1	6.81	1	14500	1
4970	1	22.5	1	2.05	1	4.09	1	7260	1
2450	1	18.4	1	6.2	1	6.44	1	15000	1
2260	1	13.6	1	6.48	1	7.87	1	15800	1
2740	1	14.7	1	6.81	1	8.44	1	18400	1
2890	1	13.1	1	5.39	1	7.24	1	6750	1
1430	1	10.1	1	5.83	1	6.57	1	13300	1
2300	1	12	1	5.36	1	9.73	1	15100	1
2930	1	23.2	1	5.62	1	8.55	1	12900	1
1660	1	21.7	1	4.89	1	7.17	1	12300	1
3110	1	42.5	1	6.76	1	8.85	1	16500	1
2290	1	22.7	1	6.55	1	8.5	1	16700	1
822	1	41.4	1	4.31	1	6.6	1	8160	1
2680	1	13.5	1	5.52	1	9.81	1	16900	1
2320	1	23.2	1	6.34	1	8.76	1	18000	1
2300	1	12.1	1	7.86	1	10.8	1	14700	1
2360	1	12.7	1	5.44	1	7.99	1	15800	1

1700	1	12.9	1	3.66	1	7.65	1	10300	1
2790	1	14	1	7.48	1	10.2	1	17300	1
2780	1	15.6	1	7.27	1	10	1	17900	1
2710	1	13.6	1	5.64	1	8.26	1	15900	1
2440	1	14.5	1	6.09	1	7.56	1	16000	1
3390	1	11.1	1	4.61	1	7.78	1	10100	1
1930	1	11.5	1	3.31	1	6.3	1	10800	1
2440	1	13.6	1	6.21	1	7.71	1	16600	1
2690	1	10.5	1	4.37	1	9.14	1	11900	1
2190	1	18.7	1	5.63	1	8.14	1	16200	1
2950	1	13.2	1	2.36	1	8.45	1	8980	1
4220	1	10.8	1	2.38	1	5.35	1	8490	1
3110	1	12.8	1	3.14	1	6.58	1	8740	1
2480	1	17.4	1	5.16	1	8.1	1	12500	1
1550	1	6.34	1	2.21	1	9.11	1	10500	1
2240	1	15.5	1	6.75	1	8.99	1	14700	1
2930	1	7.14	1	4.72	1	5.26	1	11500	1
471	1	1.66	1	0.601	1	1.35	1	6830	1
207	1	2.75	1	0.363	1	0.784	1	6100	1

Lead	D_Lead	Magnesium	D_Magnesium	Manganese	D_Manganese	Nickel	D_Nickel	Silver	D_Silver
16.4	1	2770	1	408	1	12.9	1	0.595	0
16.8	1	3460	1	349	1	12.6	1	0.543	0
8.09	1	1200	1	202	1	5.04	1	0.579	0
15.3	1	2470	1	429	1	10.9	1	0.573	0
44.7	1	2330	1	344	1	10.6	1	14.7	1
12.6	1	2120	1	338	1	9.69	1	0.591	0
15.8	1	2100	1	345	1	10.3	1	0.531	0
14.5	1	2180	1	326	1	10.5	1	0.559	0
14.7	1	1980	1	370	1	8.67	1	0.527	0
14.7	1	2680	1	383	1	16.8	1	0.55	0
6.88	1	2070	1	238	1	4.83	1	0.529	0
12.1	1	2060	1	345	1	8.06	1	0.539	0
5.89	1	820	1	155	1	4.65	1	0.557	0
12.5	1	1940	1	387	1	9.16	1	0.538	0
16.9	1	2500	1	394	1	1.5	1	0.623	0
16	1	2920	1	355	1	9.86	1	0.552	0
19.5	1	1850	1	377	1	9.26	1	0.727	0
9.94	1	1860	1	365	1	6.92	1	0.526	0
200	1	2230	1	331	1	1.3	0	0.568	0
150	1	1890	1	376	1	0.849	0	0.779	0
16.4	1	1700	1	315	1	6.8	1	0.203	1
15	1	2480	1	365	1	9.28	1	0.286	1
14.2	1	2610	1	329	1	12	1	0.308	1
12.4	1	637	1	281	1	4.85	1	0.188	1
16	1	2730	1	296	1	9.3	1	0.491	1
16.1	1	2610	1	345	1	10.5	1	0.416	1
35.7	1	2120	1	525	1	6.26	1	0.528	1
14.4	1	2700	1	312	1	10.3	1	0.24	1

18.2	1	1380	1	271	1	6.11	1	0.244	1
15.7	1	3080	1	408	1	9.82	1	0.246	1
16.5	1	3190	1	445	1	11.1	1	0.196	1
13.3	1	2660	1	303	1	9.31	1	0.354	1
14.6	1	2610	1	317	1	3.56	1	0.287	1
8.44	1	1830	1	240	1	3.75	1	0.229	1
28.3	1	1210	1	246	1	6.32	1	0.265	1
17.4	1	2460	1	358	1	10.2	1	0.663	1
12.3	1	1820	1	279	1	7.5	1	0.338	1
13.8	1	2390	1	287	1	10.1	1	0.48	1
15.3	1	1430	1	241	1	7.2	1	0.506	1
19.6	1	1070	1	195	1	13.2	1	0.153	1
45.9	1	1240	1	242	1	4.94	1	0.578	0
180	1	1890	1	282	1	11.5	1	0.508	0
63700	1	749	1	177	1	5.23	1	0.743	1
90.6	1	2400	1	364	1	9.15	1	0.515	0
11.6	1	1480	1	614	1	5.92	1	0.308	1
3.68	1	264	1	247	1	1.72	1	0.498	0
25.7	1	157	1	213	1	2.04	1	0.452	0

Vanadium	D_Vanadium	Zinc	D_Zinc
34.7	1	36.1	1
32.6	1	54.5	1
17.2	1	27.6	1
34	1	30.6	1
30.8	1	37.5	1
24.7	1	35.7	1
30	1	31.6	1
11.8	1	36.2	1
30	1	31.4	1
31.4	1	54.3	1
21.5	1	28.2	1
23.9	1	34.7	1
13.3	1	24	1
31.6	1	29.9	1
32.7	1	29.6	1
34.8	1	34.2	1
11.7	1	30.2	1
24.3	1	32.6	1
28.9	1	77.5	1
24.8	1	108	1
23.4	1	29.2	1
33.2	1	30.6	1
31.8	1	32.9	1
8.99	1	39.5	1
32.1	1	31.3	1
34.6	1	32.9	1
31.3	1	41	1
29.7	1	30.8	1

17.9	1	32	1
33.1	1	34.1	1
34.6	1	36.2	1
30.1	1	29.3	1
29.4	1	30.2	1
15.7	1	32.2	1
18.9	1	42.3	1
30.6	1	35.8	1
23.5	1	29.8	1
30.7	1	29.3	1
12.6	1	27	1
14.6	1	33.4	1
18.8	1	23.5	1
26.6	1	24.5	1
9.99	1	206	1
30.9	1	37.2	1
12.2	1	43	1
2.63	1	35.6	1
2.33	1	31.2	1