Table 2.— Linear correlation coefficients among logarithms of the concentrations of Hg, Cu, Pb, Zn, Ag, As, Sb, Te, and Cd in soils in the Coeur d'Alene District, Shoshone County, Idaho

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		2	59	63	24	-12	18	-14	63
Cu	131		22	3	25	41	24	-13	1
Pb	130	133		56	48	17	61	5	61
Zn	131	134	133		36	-17	17	-1	75
Ag	130	132	131	132		19	33	7	24
As	38	41	41	41	40		26	-29	-14
Sb	117	119	119	119	118	38		1	25
Te	25	25	24	25	25	8	20		15
Cd	129	132	131	132	130	40	117	240	

Monzonite, soils 134 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		-3	16	17	4	9	31	1	25
Cu	734		7	3	18	7	26	-1	6
Pb	577	787		45	22	11	37	10	41
Zn	738	972	791		22	10	32	4	56
Ag	737	971	790	975		15	27	-4	14
As	317	500	471	501	501		20	5	-1
Sb	665	851	677	853	852	424		-1	41
Te	308	333	286	335	334	174	290		4
Cd	696	932	783	934	933	495	815	326	

Wallace, soils 976 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		-15	19	-1	-2	16	14	9	20
Cu	526		15	10	26	-13	4	17	4
Pb	252	312		51	30	6	47	4	53
Zn	527	602	313		29	9	34	-17	52
Ag	527	602	313	603		7	32	-4	3
As	151	217	187	217	217		12	30	-6
Sb	502	561	278	562	562	189		2	35
Te	250	264	139	264	264	97	256		-2
Cd	455	527	308	528	528	211	489	238	

St. Regis, soils 603 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		-33	1	-1	-18	16	10	5	29
Cu	279		17	8	24	4	8	-24	13
Pb	137	209		60	12	35	41	3	48
Zn	278	365	209		28	14	27	-17	56
Ag	278	365	209	365		11	9	-6	26
As	88	174	133	174	174		18	5	5
Sb	270	342	193	341	341	152		6	28
Te	92	96	59	95	95	32	95		2
Cd	235	322	205	321	321	168	299	83	

Revett, soils 366 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		-13	24	19	8	21	4	-1	15
Cu	245		31	36	41	14	53	-31	52
Pb	166	230		65	46	15	52	-4	53
Zn	245	315	230		59	20	43	-39	49
Ag	239	308	228	308		23	43	-20	43
As	80	145	124	145	143		6	-3	2
Sb	234	299	216	299	292	137		-40	42
Te	59	63	40	63	61	21	61		-17
Cd	234	303	221	303	297	141	288	61	

Burke, soils 316 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		17	42	42	14	-14	14	6	47
Cu	412		46	43	42	30	17	16	34
Pb	393	509		63	54	17	20	12	59
Zn	414	536	510		41	22	14	3	60
Ag	410	531	505	534		16	11	-10	32
As	250	372	363	373	370		1	4	6
Sb	375	486	462	489	484	327		6	17
Te	81	112	106	112	111	76	108		10
Cd	407	528	502	531	526	371	481	112	

Prichard, soils 539 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		28	55	24	-10	25	55	8	44
Cu	39		23	-26	-18	2	53	18	10
Pb	39	118		36	-8	8	27	-17	54
Zn	39	125	118		27	29	-7	-38	48
Ag	39	125	118	125		32	-23	7	7
As	36	119	112	119	119		-11	-16	14
Sb	39	87	83	87	87	81		8	26
Te	10	38	34	38	38	34	28		-10
Cd	39	125	118	125	125	119	87	38	

Belt, soils 125 samples

	Hg	Cu	Pb	Zn	Ag	As	Sb	Te	Cd
Hg		-10	29	23	3	7	11	-3	30
Cu	2383		23	13	27	11	17	-1	17
Pb	1710	2314		56	35	16	25	3	51
Zn	2389	3066	2320		32	19	17	-2	57
Ag	2377	3051	2310	3059		15	16	1	23
As	967	1575	1438	1577	1571		5	10	3
Sb	2218	2761	2043	2766	2752	1355		2	23
Te	835	941	697	942	938	444	867		4
Cd	2212	2886	2284	2891	2877	1552	2592	892	

All formations, soils 3,076 samples[1]

Key to table

R x 100
No. of valid pairs of observations

[1] Total also includes samples from Striped Rock Formation and Belt undifferentiated, if not shown separately, and samples unclassified with respect to formation.