Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES																		
Field site	**Subsample**	**Material**	**Au**	**Ag**	**Al**	**As**	**Ba**	**Be**	**Bi**	**Ca**	**Cd**	**Ce**	**Co**	**Cr**	**Cs**	**Cu**	**Fe**	**Ga**
Units—			**µg/g**	**µg/g**	**wt %**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**wt %**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**wt %**	**µg/g**
CC2	22CC02SB	Bulk		0.16	4.88	5.2	488.0	0.65	0.05	1.35	0.12	24.6	7.2	75	1.00	26.2	2.27	10.80
	22CC02SC	>2mm		0.14	5.08	8.4	531.8	0.55	0.05	1.25	0.14	13.25	7.4	89	0.95	28.6	2.70	11.15
	22CC02SF	<2mm		0.14	6.66	5.8	662.8	0.85	0.09	1.70	0.16	31.3	8.8	94	1.55	30.8	2.55	14.85
	23CC02SB	Bulk	0.011	0.12	6.19	6.2	500	0.88	0.04	1.61	0.1	25.1	9.2	70	1.17	30.4	2.33	13.4
CC3	21CC03SB	Bulk		0.82	5.57	9	485.5	0.8	0.07	1.55	0.18	26.6	9.4	123	1.25	29.8	2.77	12.15
CC4	21CC04SB	Bulk		0.60	5.57	8.8	460.5	0.6	0.07	1.7	0.16	24.5	9	105	0.9	35.6	3.11	11.45
CC5	21CC05SMS	Bedrock		0.46	3.17	6.2	542.7	0.55	0.05	0.17	0.08	15.1	2.6	112	0.9	19.2	1.68	7
CC6	21CC06SG	Bedrock		0.40	6.52	1	650.1	0.9	0.05	0.72	<0.02	16.95	2.2	57	0.7	8.8	0.88	17.85
CC7	21CC07SB	Bulk		0.30	5.42	4.4	407	0.65	0.05	1.35	0.12	14.75	6.4	126	0.85	23	2.09	10.5
CC8	21CC08SC	>2mm		0.28	5.27	4	471.5	0.75	0.07	1.35	0.1	13.85	5.6	133	0.8	22.2	2.43	10.4
	21CC08SF1	<2mm		0.24	5.59	3.2	479	0.75	0.1	1.2	0.14	17.6	6	156	1.05	22.8	1.91	10.95
	21CC08SF2	<2mm	<0.005	0.09	6.5	4.1	540	0.91	0.06	1.43	0.15	21.9	8	95	1.28	40.8	2.29	14
CC9	21CC09NT	Bedrock		0.30	7.30	1.6	867.2	1.35	0.05	1.3	0.12	26.8	4	51	3.5	13.6	1.49	15.05
CC10	21CC10SB	Bulk		0.22	6.29	7.4	444	0.85	0.06	2	0.12	16.65	12.3	168	1.45	34	3.67	12.85
	22CC10SB	Bulk		0.08	7.08	9.2	582.9	0.75	0.08	2.20	0.14	20.7	15.2	103	1.85	38.0	3.85	15.85
	22CC10SC	>2mm		0.08	7.28	10.8	489.6	0.70	0.08	2.40	0.12	14.45	16.5	84	1.70	40.8	4.41	15.65
	22CC10SF1	<2mm		0.08	6.96	8.0	664.8	0.85	0.06	1.85	0.10	38.5	12.7	137	1.75	30.4	3.01	15.35
	22CC10SF2		0.006	0.07	6.98	7.3	530	0.94	0.04	2.02	0.13	46.1	11.7	150	1.56	33.1	3.12	14.6
	23CC10SB	Bulk		0.09	7.66	11.7	450	0.85	0.09	2.45	0.14	23.5	16.9	103	1.88	41.3	4.39	16.35
	23CC10SF	<2mm	<0.005	0.06	6.75	8.5	460	0.91	0.04	1.97	0.1	48.4	12.6	160	1.66	35.4	3.37	14.65
	23CC10SM	<2>63mm	<0.005	0.05	6.76	9	470	0.85	0.06	2.11	0.13	43.7	11.6	147	1.52	31.9	3.25	14.35
CC11	21CC11SB	Bulk		0.22	5.86	7.8	406	0.7	0.07	2.5	0.22	17.4	7.7	160	0.8	30.6	3.13	12.4
	21CC11SC	>2mm		0.24	5.83	7.6	403.5	0.55	0.07	2.9	0.18	11.75	10.5	162	0.75	31.2	3.69	12.95
	21CC11SF1	<2mm		0.22	5.57	9.8	459.5	0.75	0.1	1.65	0.14	31.4	5.1	163	0.9	30.4	2.1	10.5
	21CC11SF2	<2mm	0.041	0.3	5.81	11.7	490	0.81	0.09	1.69	0.15	45.9	6.6	112	1.1	41.2	2.26	12.9
	22CC11SB	Bulk		0.12	6.45	8.4	500.5	0.60	0.07	2.80	0.24	39.9	11.5	77	1.00	35.6	3.52	14.95
	22CC11SC	>2mm		0.16	5.89	6.6	471.5	0.55	0.06	3.10	0.22	13.70	10.4	84	0.90	32.2	3.56	14.75
	22CC11SF1	<2mm		0.20	5.94	10.0	665.4	0.80	0.08	1.55	0.14	85.9	9.0	131	1.30	33.2	2.56	14.35
	22CC11SF2	<2mm	0.027	0.17	6.26	10.6	520	0.89	0.06	1.8	0.12	94.8	8.3	106	1.2	33.5	2.88	13.95

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Table 4. Concentrations of major and minor eleme																		
Field site	Subsample	Material	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Units—			µg/g	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
CC2	22CC02SB	Bulk	0.15	0.7	0.030	0.62	13.5	14.4	0.83	285	0.85	1.45	1.8	23.0	220	5.5	19.4	<0.002
	22CC02SC	>2mm	0.15	0.9	0.035	0.57	8.0	14.8	0.81	275	1.65	1.45	1.9	27.4	320	6.0	19.6	<0.002
	22CC02SF	<2mm	0.20	0.7	0.040	1.08	17.0	19.6	0.82	300	1.25	2.00	2.5	25.4	210	10.0	32.0	<0.002
	23CC02SB	Bulk	0.14	0.9	0.035	1.07	13.1	14.6	0.72	295	0.51	1.76	2.3	22.6	210	7.9	33.1	0.003
CC3	21CC03SB	Bulk	0.25	0.8	0.04	0.87	13.5	20	0.93	345	1.7	1.5	3.1	24.8	230	7	25.2	<0.002
CC4	21CC04SB	Bulk	0.25	0.8	0.035	0.81	12.5	17.2	1.15	395	0.95	1.59	2.3	20.6	230	5.5	17.3	<0.002
CC5	21CC05SMS	Bedrock	0.1	0.9	0.02	0.68	8.5	19.6	0.53	100	2.1	1.04	2.4	19.6	400	4.5	23.2	<0.002
CC6	21CC06SG	Bedrock	0.15	0.6	0.005	3.71	8	9.8	0.79	115	1	1.86	2.3	2.6	110	6.5	65.1	<0.002
CC7	21CC07SB	Bulk	0.2	0.6	0.03	0.82	8	12.8	0.65	240	1.9	1.77	1.9	18.6	170	4.5	18.2	<0.002
CC8	21CC08SC	>2mm	0.15	0.8	0.03	0.74	8	14	0.94	285	0.85	1.7	2.4	20	280	5	20.2	<0.002
	21CC08SF1	<2mm	0.15	0.5	0.02	1.02	9.5	14.2	0.64	255	2.2	1.64	2.2	16	180	6	25.8	<0.002
	21CC08SF2	<2mm	0.11	0.8	0.025	1.11	11.1	17.8	0.7	315	0.88	1.56	2.4	18.7	280	9.2	35.3	0.003
CC9	21CC09NT	Bedrock	0.2	3.6	0.025	1.76	13.5	23.8	0.3	330	2	2.51	6.2	5.6	80	12.5	46.8	<0.002
CC10	21CC10SB	Bulk	0.2	1	0.035	0.96	8.5	31	1.15	505	1.8	1.57	2.9	39	250	5.5	23.3	<0.002
	22CC10SB	Bulk	0.25	0.9	0.050	0.91	11.5	39.8	1.12	535	1.20	1.57	2.8	46.4	300	11.5	32.6	<0.002
	22CC10SC	>2mm	0.25	0.9	0.050	0.73	8.5	43.8	1.35	550	1.15	1.63	2.7	48.2	320	7.5	28.0	<0.002
	22CC10SF1	<2mm	0.20	0.8	0.040	1.11	21.0	34.0	0.72	440	1.20	1.85	3.2	38.0	250	8.5	33.6	<0.002
	22CC10SF2		0.18	1.1	0.035	1.18	22.3	27.3	0.75	450	0.8	1.75	3	32.4	260	10.1	37.6	0.003
	23CC10SB	Bulk	0.09	1.4	0.057	1.02	11.6	43.2	1.42	610	0.97	1.59	3.2	51.4	350	7.8	38.2	<0.002
	23CC10SF	<2mm	0.16	1.1	0.037	1.06	23.2	30.5	0.82	459	1.24	1.53	2.8	38.2	290	7.7	35.9	0.002
	23CC10SM	<2>63mm	0.17	1	0.04	1.08	20.9	26.3	0.79	481	0.75	1.6	2.5	33.1	270	7.6	35.5	0.002
CC11	21CC11SB	Bulk	0.2	0.8	0.04	0.75	9	15.2	1.13	415	1.2	1.5	2.2	22.6	200	5	16.6	<0.002
	21CC11SC	>2mm	0.25	0.9	0.045	0.64	6.5	15.8	1.47	505	0.95	1.52	2.2	33.4	240	4.5	14.1	<0.002
	21CC11SF1	<2mm	0.2	0.5	0.03	1	16.5	13.2	0.66	245	3.5	1.82	1.5	15.8	180	6.5	22.3	<0.002
	21CC11SF2	<2mm	0.13	0.8	0.035	1.02	22.3	14.4	0.65	276	2.06	1.68	2	17.9	240	9.3	31.3	0.003
	22CC11SB	Bulk	0.25	0.8	0.045	0.65	21.0	17.8	1.15	480	1.15	1.55	2.2	31.4	340	6.5	19.9	<0.002
	22CC11SC	>2mm	0.20	0.9	0.055	0.51	8.5	16.6	1.17	465	1.15	1.02	2.1	33.6	240	5.5	19.0	<0.002
	22CC11SF1	<2mm	0.25	0.7	0.035	0.98	44.5	16.6	0.73	325	1.80	1.77	2.4	30.0	230	10.5	30.1	<0.002
	22CC11SF2	<2mm	0.22	0.8	0.036	1.08	45.7	16	0.81	351	1.01	1.72	2.4	20.8	250	10.8	33.4	0.003

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Table 4. Concentrations of major and minor eleme																		
Field site	**Subsample**	**Material**	**S**	**Sb**	**Se**	**Sn**	**Sr**	**Ta**	**Te**	**Th**	**Ti**	**Tl**	**U**	**V**	**W**	**Y**	**Zn**	**Zr**
Units—			**wt %**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**wt %**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**	**µg/g**
CC2	22CC02SB	Bulk	<0.01	0.40	<1	0.6	146.0	0.05	<0.05	4.8	0.16	0.14	0.8	84	0.4	7.9	50	22.5
	22CC02SC	>2mm	<0.01	0.40	<1	0.6	108.5	<0.05	<0.05	2.2	0.19	0.14	0.9	101	0.3	10.8	56	30.5
	22CC02SF	<2mm	<0.01	0.30	<1	1.0	241	0.05	0.05	6.8	0.20	0.22	0.9	88	0.5	8.8	64	21.0
	23CC02SB	Bulk	0.01	0.56	2	1	227	0.18	0.08	3.7	0.175	0.19	0.8	80	1	9.8	48	21.7
CC3	21CC03SB	Bulk	<0.01	0.75	<1	0.6	153.5	0.35	0.05	3.8	0.2	0.18	0.9	113	1.1	8.7	58	26.5
CC4	21CC04SB	Bulk	<0.01	0.75	<1	0.4	144.5	0.2	0.05	2.6	0.21	0.16	0.7	122	1	7.6	58	23.5
CC5	21CC05SMS	Bedrock	0.03	0.65	<1	0.2	29	0.2	0.05	2	0.11	0.16	1.2	81	0.4	6.3	42	34
CC6	21CC06SG	Bedrock	<0.01	0.1	<1	1	243	0.2	0.05	2.4	0.08	0.3	0.5	17	2.7	5.5	12	11.5
CC7	21CC07SB	Bulk	0.01	0.5	<1	0.8	163	0.2	<0.05	2.2	0.15	0.12	0.6	74	0.7	8.1	38	16
CC8	21CC08SC	>2mm	0.01	0.5	<1	0.4	130	0.2	0.05	2.4	0.17	0.14	0.9	104	0.6	7.8	44	26
	21CC08SF1	<2mm	<0.01	0.4	<1	0.4	211	0.2	0.05	2.8	0.14	0.14	0.7	66	0.6	5.3	40	15
	21CC08SF2	<2mm	0.01	0.5	2	0.9	225	0.2	0.07	3.3	0.167	0.19	0.9	73	0.9	8.3	47	17.8
CC9	21CC09NT	Bedrock	<0.01	0.8	<1	0.8	208	0.6	<0.05	8	0.2	0.36	2.8	40	1.5	8.4	44	126
CC10	21CC10SB	Bulk	0.02	0.65	<1	0.4	209	0.25	0.1	3	0.24	0.18	0.8	141	1.7	8.1	64	30.5
	22CC10SB	Bulk	0.02	0.35	<1	0.8	204	0.05	<0.05	5.6	0.26	0.20	0.9	148	0.6	10.4	74	32.5
	22CC10SC	>2mm	0.03	0.40	<1	1.2	171.5	0.10	<0.05	4.2	0.27	0.18	0.9	164	0.7	11.7	76	29.5
	22CC10SF1	<2mm	0.01	0.55	<1	0.8	282	0.15	<0.05	6.8	0.21	0.22	0.9	107	0.9	8.4	60	27.5
	22CC10SF2		0.02	0.78	2	1.1	293	0.21	0.06	4.6	0.214	0.21	0.9	110	1.3	10.5	56	28.4
	23CC10SB	Bulk	0.03	0.82	2	0.8	203	0.23	0.07	3.2	0.317	0.22	1	166	1.4	14.1	71	38.7
	23CC10SF	<2mm	0.02	0.68	2	1	255	0.2	0.07	3.9	0.217	0.18	0.9	118	1.6	10.7	55	28.3
	23CC10SM	<2>63mm	0.02	0.7	2	0.9	271	0.19	0.07	3.6	0.2	0.2	0.8	114	1.5	10.1	52	25.1
CC11	21CC11SB	Bulk	0.01	0.7	<1	0.4	128	0.2	0.1	2.4	0.2	0.14	0.7	138	0.6	7.4	56	25
	21CC11SC	>2mm	0.01	0.6	<1	0.6	140	0.2	0.05	2	0.22	0.12	0.7	150	0.7	9.3	58	29
	21CC11SF1	<2mm	<0.01	0.6	<1	0.2	235	0.15	0.2	3.2	0.13	0.18	0.6	77	0.5	5.4	42	15.5
	21CC11SF2	<2mm	0.01	0.73	2	1	239	0.17	0.18	3.8	0.139	0.2	0.8	75	1	8.6	45	18.5
	22CC11SB	Bulk	<0.01	0.55	<1	2.6	176.5	0.10	<0.05	4.8	0.22	0.14	0.8	142	0.5	11.2	66	26.0
	22CC11SC	>2mm	<0.01	0.45	<1	0.8	147.5	0.05	<0.05	3.2	0.21	0.14	0.8	157	0.5	10.1	60	30.0
	22CC11SF1	<2mm	<0.01	0.45	<1	1.4	218	0.10	0.05	7.8	0.18	0.20	0.8	88	0.6	9.4	56	20.5
	22CC11SF2	<2mm	0.01	0.76	3	1.2	235	0.21	0.14	5.8	0.191	0.19	0.9	100	1.2	11.2	52	20.7

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Units—			µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g
	23CCC11SB	Bulk		0.19	6.36	11.4	410	0.62	0.09	2.46	0.24	25	10.3	118	0.82	31	3.44	13.25
	23CCC11SM1	<2>63mm		0.24	6.77	15.2	580	0.93	0.12	1.87	0.22	31.1	10.4	38	1.4	35.8	3.48	14.85
	23CCC11SM2	<2>63mm	0.027	0.19	6.6	16.2	560	1.02	0.09	1.87	0.21	30.3	10.4	93	1.52	40.5	2.81	15.6
CC12	23CC12SB	Bulk	0.05	0.42	6.69	7	270	1.67	0.3	1.55	0.19	46.1	14	63	2.36	102.5	1.92	14.7
CC13	21CC13SB	Bulk		0.20	6.62	6.6	210	0.4	0.22	1.45	0.04	8.5	11.1	171	0.85	85	3.13	12.4
	21CC13SC	>2mm		0.20	6.99	6.2	174	0.55	0.16	1.65	0.1	8.2	14.1	165	0.8	110.5	3.71	12.55
	21CC13SF	<2mm	0.013	0.20	6.42	7.8	541.1	0.75	0.22	1.85	0.14	13.55	15.8	202	1.15	143.1	2.98	11.75
	21CC13NT	Bedrock		0.30	6.71	2.4	777.2	1.5	0.32	1.05	0.18	29.8	2.7	59	4	50.2	2.65	14.1
CC14	21CC14SB	Bulk		0.22	5.29	5.4	544.3	0.75	0.09	1.5	0.16	18.8	9.5	143	1.3	42.8	3.5	12.75
	21CC14SC	>2mm		0.26	5.10	5.6	560.3	0.8	0.15	1.45	0.14	18.4	9.1	146	1.25	50	3.41	12.15
	21CC14SF	<2mm		0.22	6.22	7	425	0.75	0.14	1.5	0.14	22.2	13.8	237	1.2	61.6	4.21	14.4
CC15	21CC15SBCS	Bulk	0.013	0.26	7.34	7.2	412	0.85	0.14	1.45	0.08	25	11.5	109	1.65	57.8	3.54	16.35
	21CC15SBFS	Bulk	0.005	0.50	5.30	5.2	413.5	0.7	0.07	1.25	0.06	23	6.5	146	1.05	27.2	2.43	10.2
	21CC15SBC	Bulk		0.44	6.03	5.2	441.5	0.65	0.07	1.3	0.06	28.3	9.6	162	1.05	28.2	2.4	10.65
CC16	21CC16SB	Bulk		0.30	5.88	5.8	411	0.7	0.09	1.4	0.08	23.3	10.8	114	1.15	39.2	3.22	13.45
	21CC16SC	>2mm		0.36	5.90	4.4	327.5	0.55	0.08	1.6	0.08	18.35	9.8	131	0.85	30.4	3.59	11.35
	21CC16SF	<2mm		0.32	6.78	6.6	427.5	0.8	0.12	1.35	0.12	25	13.3	177	1.4	46.2	3.21	13.9
CC17	21CC17SB	Bulk		0.26	6.00	4.4	299	0.65	0.1	2.7	0.1	12.05	11.5	156	0.9	44	4.2	13.75
	21CC17SC	>2mm		0.28	5.91	4.8	338.5	0.7	0.09	2.1	0.1	13.15	9.6	133	0.85	37.6	3.59	12.6
	21CC17SF	<2mm		0.28	6.47	7.4	385.5	0.75	0.13	1.6	0.14	16.2	14.3	143	1.45	57	4	14.75
CC18	21CC18SB	Bulk		0.24	6.13	4.2	344	0.85	0.07	2.3	0.14	170.5	7.9	179	0.65	25.2	2.82	14.45
	22CC18SB	Bulk		0.10	6.27	3.2	517.2	0.80	0.16	2.10	0.10	65.0	10.2	139	1.15	23.4	2.76	14.80
	22CC18SC	>2mm		0.24	6.76	2.8	352.5	0.70	0.23	2.10	0.06	13.15	9.3	119	0.70	33.4	2.37	14.40
	22CC18SF	<2mm	0.063	0.16	6.42	2.4	609.2	0.95	0.17	1.85	0.08	93.9	9.8	127	1.35	19.0	2.85	15.70
	23CCC18SB	Bulk		0.16	6.94	2.4	490	0.91	0.07	2.06	0.1	74.2	10.6	210	1.14	16.4	3.14	15
	23CCC18SM	<2>63mm	<0.005	0.09	6.81	3.1	500	0.93	0.05	2	0.1	26.4	9.4	35	1.17	17.2	2.73	13.8
CC19	21CC19SB	Bulk		0.26	6.08	1.6	631.1	0.95	0.07	1.6	0.1	19.55	8.6	152	1.7	17	2.08	14.5
CC20	22CC20SB	Bulk		0.17	5.89	10.3	370	0.69	0.08	1.8	0.12	21.3	13.4	100	1.53	36.6	4	13.7
	22CC20SC	>2mm		0.18	6.02	5.0	477.0	0.65	0.07	2.30	0.12	19.50	12.4	81	1.10	34.6	3.74	14.30
	22CC20SF	<2mm		0.12	7.44	16.0	505.9	0.90	0.11	1.20	0.12	26.0	18.2	113	2.85	54.2	4.04	16.70

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Units—			µg/g	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
	23CCC11SB	Bulk	0.12	1	0.039	0.68	12.4	17.2	1.38	523	0.81	2.14	1.7	28	280	7.4	20.9	0.002
	23CCC11SM1	<2>63mm	0.14	0.9	0.05	1.18	15	20.4	1.06	431	1.11	2.12	2.6	27.1	250	11	34.1	0.002
	23CCC11SM2	<2>63mm	0.16	1	0.046	1.16	15.1	19.6	1.02	399	1.52	1.85	3	27.1	210	10.6	39.5	0.003
CC12	23CC12SB	Bulk	0.1	1.6	0.047	0.46	28.5	99.8	0.35	179	2.16	1.62	3.2	39	650	62.5	27	<0.002
CC13	21CC13SB	Bulk	0.15	0.5	0.065	0.68	4	38.2	1.97	400	2.85	1.61	1.8	27.2	10	31.5	10.3	0.002
	21CC13SC	>2mm	0.15	0.5	0.065	0.56	4	41.4	2.48	465	2.5	1.53	1.5	35	30	9.5	8.8	0.002
	21CC13SF	<2mm	0.15	0.5	0.06	0.73	7	45.4	1.66	360	2.2	1.56	1.9	27.8	40	22.5	14.5	0.002
	21CC13NT	Bedrock	0.15	3.6	0.025	1.97	14	22.4	0.3	325	2.6	2.32	6	7.8	50	16	57.1	<0.002
CC14	21CC14SB	Bulk	0.25	1.2	0.045	0.71	13	24.2	1.32	385	2.05	0.93	3.2	33	200	8	24.2	<0.002
	21CC14SC	>2mm	0.2	1.2	0.05	0.65	11.5	24.2	1.28	340	2.05	0.8	3.1	34.4	170	8	23.8	<0.002
	21CC14SF	<2mm	0.25	1.1	0.065	0.69	12.5	32.2	1.62	550	1.3	1.23	2.9	36.2	190	12.5	16.2	<0.002
CC15	21CC15SBCS	Bulk	0.2	1.4	0.07	0.73	11	51.8	1.16	410	1.4	1.77	4.9	32.4	130	7	20.4	<0.002
	21CC15SBFS	Bulk	0.2	0.8	0.035	0.83	11.5	25.2	0.73	265	2.45	1.37	2.2	18.4	140	5	22.1	<0.002
	21CC15SBC	Bulk	0.2	0.9	0.04	1.04	13	23.2	0.61	370	1.25	1.59	2.6	17.2	100	6.5	23.7	<0.002
CC16	21CC16SB	Bulk	0.3	1.2	0.04	0.71	11.5	35.4	1.11	435	2.05	1.65	3.4	30.6	230	5.5	21.2	<0.002
	21CC16SC	>2mm	0.25	1	0.04	0.63	9.5	28	1.46	480	2.05	1.67	2.6	28.6	220	4	16.7	<0.002
	21CC16SF	<2mm	0.25	1.1	0.045	0.86	11.5	41.6	1.02	550	1.45	1.71	3.4	28	140	6.5	22.4	<0.002
CC17	21CC17SB	Bulk	0.2	0.9	0.05	0.56	6.5	33.8	1.52	495	1	1.32	2.2	35	210	6.5	11.4	<0.002
	21CC17SC	>2mm	0.25	0.9	0.06	0.55	7	28.4	1.45	465	0.9	1.59	2.7	28.2	280	5	13.5	<0.002
	21CC17SF	<2mm	0.25	1.1	0.06	0.74	8.5	60.8	1.45	470	1.45	1.73	3.1	47.6	260	11	18.9	<0.002
CC18	21CC18SB	Bulk	0.35	0.7	0.045	0.79	67	12.2	0.97	430	2.95	2.55	2.4	18.6	220	6	14.9	<0.002
	22CC18SB	Bulk	0.25	0.5	0.040	0.91	33.5	18.8	1.01	365	1.65	2.08	2.1	31.8	230	25.5	26.8	<0.002
	22CC18SC	>2mm	0.20	0.6	0.030	0.54	7.5	13.2	1.01	365	0.85	2.70	1.3	23.0	200	942	14.5	<0.002
	22CC18SF	<2mm	0.30	0.6	0.030	1.05	49.0	22.0	0.91	350	0.50	2.16	2.4	23.6	240	75.5	31.5	<0.002
	23CCC18SB	Bulk	0.18	0.6	0.035	1.11	35	16.5	1.16	428	0.52	2.6	1.9	26.3	260	8.8	29.5	0.002
	23CCC18SM	<2>63mm	0.12	0.5	0.033	1.12	13.2	15.1	1.12	375	0.45	2.49	2	26.2	220	7.8	29.5	<0.002
CC19	21CC19SB	Bulk	0.15	0.4	0.025	1.2	11	23.2	0.89	325	1.05	2	3.2	22	160	9	35.6	<0.002
CC20	22CC20SB	Bulk	0.1	1.5	0.048	0.66	14.4	46.6	1.24	418	0.73	1.1	3	43.3	280	8.3	29.2	<0.002
	22CC20SC	>2mm	0.20	0.9	0.050	0.51	15.5	23.6	1.39	455	0.65	0.97	1.9	36.2	240	7.0	21.4	<0.002
	22CC20SF	<2mm	0.30	1.2	0.065	0.88	14.0	94.0	0.94	355	0.70	1.37	1.5	49.8	220	12.5	36.7	<0.002

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Units—			wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
	23CCC11SB	Bulk	0.02	0.67	<1	0.8	158.5	0.09	<0.05	3.1	0.24	0.15	0.9	140	0.4	9.8	80	24.2
	23CCC11SM1	<2>63mm	0.01	0.66	<1	1.6	233	0.13	0.09	3.8	0.22	0.25	1	104	0.6	10.3	78	22.1
	23CCC11SM2	<2>63mm	0.01	0.83	2	1.5	229	0.24	0.15	3.7	0.207	0.24	1	95	1	12.7	66	24.3
CC12	23CC12SB	Bulk	0.37	0.82	4	1.4	295	0.26	0.13	4.4	0.207	0.19	1.9	88	3.1	51.5	83	44.1
CC13	21CC13SB	Bulk	0.37	1.65	<1	0.6	155.5	0.15	0.45	0.8	0.21	0.08	0.4	159	4.4	6.4	50	15.5
	21CC13SC	>2mm	0.49	0.55	<1	0.6	160	0.15	0.4	0.8	0.21	0.08	0.4	161	4.3	7.9	60	14.5
	21CC13SF	<2mm	0.96	1	<1	0.6	280	0.15	0.45	1	0.19	0.1	0.5	149	4.8	9	62	14.5
	21CC13NT	Bedrock	0.01	0.9	<1	0.8	174.5	0.6	<0.05	9	0.16	0.48	3.5	35	2.5	8.5	64	148.5
CC14	21CC14SB	Bulk	<0.01	0.65	<1	0.6	75.6	0.25	0.05	3.2	0.23	0.18	1.2	160	0.8	10.6	62	44
	21CC14SC	>2mm	<0.01	0.75	<1	0.6	73	0.25	0.05	3.4	0.22	0.18	1.2	166	0.9	9.2	64	47
	21CC14SF	<2mm	0.01	0.65	<1	0.8	109.5	0.3	0.15	2.6	0.27	0.16	1	159	1.3	12.4	70	36.5
CC15	21CC15SBCS	Bulk	<0.01	0.65	<1	0.8	139	0.45	0.1	3.8	0.39	0.18	1.4	145	1.9	10.8	66	47
	21CC15SBFS	Bulk	<0.01	0.45	<1	0.6	136	0.2	0.05	2.6	0.16	0.14	0.8	107	0.7	6.4	42	27.5
	21CC15SBC	Bulk	<0.01	0.45	<1	0.4	151	0.2	0.05	3	0.21	0.14	0.8	98	0.8	7	40	29.5
CC16	21CC16SB	Bulk	<0.01	0.6	<1	0.6	130.5	0.3	0.1	3.2	0.24	0.16	1.1	126	0.9	10	54	39.5
	21CC16SC	>2mm	<0.01	0.55	<1	0.4	79.7	0.2	0.05	2.4	0.25	0.12	0.9	146	0.9	9.5	56	30.5
	21CC16SF	<2mm	<0.01	0.6	<1	0.6	148.5	0.3	0.1	3.2	0.27	0.18	1.1	125	1.3	9.3	56	36.5
CC17	21CC17SB	Bulk	0.01	0.6	<1	0.4	106.5	0.2	0.1	1.8	0.24	0.1	0.7	161	0.8	9.1	62	29
	21CC17SC	>2mm	0.01	0.65	<1	0.6	112.5	0.2	0.05	2	0.23	0.1	0.7	153	1.1	9.2	52	31.5
	21CC17SF	<2mm	0.01	0.7	<1	0.6	129.5	0.25	0.15	2.4	0.28	0.14	1	148	1.1	11.6	70	35
CC18	21CC18SB	Bulk	0.02	0.4	<1	1.6	207	0.25	0.05	8.6	0.19	0.1	1.2	93	0.9	13.1	52	15.5
	22CC18SB	Bulk	0.01	0.55	<1	1.0	252	0.05	<0.05	8.6	0.19	0.18	0.9	87	5.2	9.2	52	13.5
	22CC18SC	>2mm	0.01	4.20	<1	0.8	201	<0.05	<0.05	4.0	0.15	0.10	0.5	88	0.7	10.2	42	15.5
	22CC18SF	<2mm	0.01	0.95	<1	1.4	281	0.05	<0.05	15.8	0.20	0.20	1.2	90	3.2	9.7	56	11.5
	23CCC18SB	Bulk	0.01	0.37	<1	1.2	289	0.09	<0.05	8.5	0.22	0.18	1.1	100	1.7	10.4	52	10.6
	23CCC18SM	<2>63mm	0.01	0.25	<1	1.3	280	0.07	<0.05	3.6	0.19	0.18	0.6	73	0.4	7.9	48	8.8
CC19	21CC19SB	Bulk	<0.01	0.4	<1	0.6	288	0.3	<0.05	4	0.19	0.24	0.8	60	0.7	5.5	48	8.5
CC20	22CC20SB	Bulk	<0.01	0.87	2	1.5	106	0.22	0.08	2.8	0.304	0.17	1.2	154	1.1	15.8	64	40.6
	22CC20SC	>2mm	<0.01	0.45	1	1.0	93.3	0.05	0.05	5.6	0.24	0.16	1.0	156	0.3	11.5	68	36.5
	22CC20SF	<2mm	<0.01	0.15	1	0.8	157.5	<0.05	0.05	7.4	0.30	0.22	1.5	138	0.1	16.8	82	45.0

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Units—			µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g
CC21	22CC21SB	Bulk		0.11	6.47	5.6	270	0.62	0.08	2.36	0.13	15.25	14	82	0.81	34.4	3.76	13
	22CC21SC	>2mm		0.16	6.13	8.0	478.5	0.70	0.09	1.70	0.14	17.90	10.3	76	1.15	38.2	3.47	14.10
	22CC21SF	<2mm		0.10	6.20	5.6	508.2	0.80	0.09	1.35	0.12	27.2	12.4	100	1.40	43.4	2.93	14.10
CC22	22CC22SB	Bulk		0.1	6.31	5.9	440	0.86	0.1	1.48	0.1	32.2	11.1	77	1.18	40.3	3.02	13.6
	22CC22SC	>2mm		0.14	6.33	5.6	501.9	0.75	0.09	1.55	0.12	17.20	12.2	80	1.10	47.0	3.53	14.10
	22CC22SF	<2mm	0.014	0.10	5.86	5.2	615.1	0.85	0.09	1.30	0.10	50.4	10.3	104	1.30	38.2	2.66	13.70
CC23	22CC23SB	Bulk	0.006	0.10	6.85	5.4	623.7	0.90	0.08	1.60	0.14	26.2	12.9	89	1.60	39.2	2.92	15.45
CC24	22CC24SB	Bulk		0.18	5.59	8.7	390	0.73	0.08	1.99	0.19	27.8	8.4	83	1.13	31.4	2.75	12.85
	22CC24SC	>2mm		0.18	5.57	7.0	560.2	0.65	0.09	2.30	0.20	20.4	10.0	72	1.20	41.0	3.09	13.75
	22CC24SF	<2mm	0.048	0.18	6.65	14.0	650.5	1.00	0.10	1.70	0.24	50.5	11.5	111	1.75	43.2	3.08	15.65
CC25	22CC25SC	>2mm		0.12	6.37	3.8	588.8	0.75	0.06	1.75	0.16	13.75	9.5	77	0.95	28.2	2.83	13.95
	22CC25SF	<2mm	<0.005	0.10	7.03	2.6	658.1	1.00	0.07	1.75	0.24	30.2	13.6	174	2.00	27.6	2.92	16.90
CC26	22CC26SB	Bulk		0.17	6.41	10.2	450	0.79	0.08	1.84	0.21	23.9	8.7	85	1.21	31.2	2.88	13.35
	22CC26SC	>2mm		0.18	5.13	7.8	660.4	0.65	0.06	1.65	0.14	15.70	8.1	79	1.00	30.0	2.86	11.65
	22CC26SF	<2mm		0.20	6.76	12.6	674.8	1.00	0.11	1.60	0.22	29.9	10.5	102	1.75	41.8	2.79	15.70
CC29	22CC29SB	Bulk		0.26	6.32	11.4	673.5	0.80	0.09	1.80	0.18	20.3	7.3	77	1.25	45.2	2.56	14.35
	22CC29SC	>2mm		0.40	6.53	15.2	489.9	0.75	0.09	1.95	0.18	13.55	11.4	87	0.95	37.6	3.09	14.20
	22CC29SFA	<63mm		1.22	6.39	16.6	675.6	1.00	0.16	1.60	0.16	44.0	6.2	106	1.30	47.8	2.11	14.20
	23CCC29SB	Bulk		0.12	6.58	3.9	420	0.64	0.06	2.5	0.15	19.2	10.9	165	0.94	29.5	3.03	13.9
	23CCC29SM	<2>63mm	<0.005	0.11	6.78	2.7	510	0.91	0.07	1.96	0.12	24.1	8.3	30	1.14	16.6	2.98	14.15
CC30	22CC30SB	Bulk		0.22	4.98	4.6	658.6	0.75	0.06	1.40	0.12	13.70	8.1	62	1.05	27.2	2.32	11.15
	22CC30SC	>2mm		0.20	5.08	6.2	675.6	0.70	0.06	0.92	0.14	14.20	7.9	71	1.15	29.2	2.48	11.10
	22CC30SF	<2mm	0.015	0.18	5.30	4.2	609.2	0.80	0.04	1.25	0.10	13.70	6.4	79	1.05	20.2	1.74	11.15
	23CCC30SB	Bulk		0.14	5.71	5.7	540	0.68	0.05	1.21	0.1	13.8	7.7	124	1.17	21.3	1.9	12.1
	23CCC30SM	<2>63mm	0.028	0.13	5.64	6	530	0.7	0.05	1.25	0.09	14.6	7	23	1.12	21.4	2.58	11.5
CC31	23CC31SB	Bulk		0.06	7.02	9.1	390	0.83	0.07	2.47	0.11	21.9	14.6	131	1.62	33.3	3.97	14.4
	23CC31SF	<2mm	2.36	0.07	6.36	8.6	420	0.78	0.06	2.09	0.11	51.4	12.3	158	1.54	28.3	3.31	14.2
	23CC31SM	<2>63mm	<0.005	0.07	6.36	8.3	430	0.84	0.06	2	0.11	81.5	12.2	158	1.52	27.7	3.34	14.6
CC32	23CC32SB	Bulk	0.012	0.09	7.07	4.3	580	1.18	0.09	2.08	0.16	22.4	14	90	2.12	22.7	3.23	18.65

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Units—			µg/g	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
CC21	22CC21SB	Bulk	0.08	1.1	0.044	0.52	8.1	32.1	1.6	613	0.68	1.88	2.4	35.6	270	6.9	18.4	<0.002
	22CC21SC	>2mm	0.20	0.9	0.060	0.60	10.5	28.4	1.18	445	0.95	1.59	2.2	35.4	320	6.5	23.3	<0.002
	22CC21SF	<2mm	0.20	0.8	0.045	0.80	14.0	33.0	0.77	430	1.35	1.43	1.5	30.0	210	17.5	25.8	<0.002
CC22	22CC22SB	Bulk	0.1	1.1	0.046	0.83	16.4	31.9	0.87	431	0.81	1.52	2.5	23.6	210	7.2	27.4	<0.002
	22CC22SC	>2mm	0.25	0.9	0.055	0.63	10.0	27.4	1.13	495	0.85	1.56	2.0	29.8	250	6.5	22.4	<0.002
	22CC22SF	<2mm	0.20	0.8	0.045	0.85	26.5	25.6	0.71	355	1.00	1.50	2.1	25.0	210	7.5	26.5	<0.002
CC23	22CC23SB	Bulk	0.25	0.9	0.050	0.97	13.5	33.2	0.87	450	0.70	1.80	2.8	27.6	210	8.0	32.0	<0.002
CC24	22CC24SB	Bulk	0.1	1	0.041	0.74	13.6	19.2	0.96	360	1.05	1.36	2.5	28.3	310	7.9	26.5	<0.002
	22CC24SC	>2mm	0.20	0.9	0.060	0.63	11.5	15.0	1.06	425	0.50	1.14	2.3	29.4	350	6.5	25.2	<0.002
	22CC24SF	<2mm	0.20	0.8	0.050	0.95	27.0	19.8	1.05	455	0.85	1.80	3.4	29.6	310	10.5	33.3	<0.002
CC25	22CC25SC	>2mm	0.15	0.9	0.045	0.72	8.5	14.2	1.02	390	0.75	2.00	2.3	28.4	420	5.5	23.6	<0.002
	22CC25SF	<2mm	0.20	0.7	0.045	1.08	17.0	22.6	1.11	505	6.45	1.91	3.4	60.8	390	8.0	41.8	0.002
CC26	22CC26SB	Bulk	0.07	0.9	0.039	0.8	12.6	18.8	1.08	404	0.84	1.76	2.7	23.9	330	7.8	26.5	<0.002
	22CC26SC	>2mm	0.20	0.8	0.040	0.56	9.5	17.4	0.95	325	1.10	1.23	2.4	34.2	450	5.5	19.6	<0.002
	22CC26SF	<2mm	0.20	0.8	0.045	1.01	17.0	20.0	0.91	385	0.70	1.85	2.7	27.0	310	11.0	34.3	<0.002
CC29	22CC29SB	Bulk	0.20	0.7	0.045	0.84	11.5	16.6	0.88	305	1.05	1.87	2.0	24.6	290	10.0	27.4	<0.002
	22CC29SC	>2mm	0.20	0.7	0.050	0.68	8.0	15.0	1.30	430	1.55	1.98	2.0	32.6	260	9.5	22.8	<0.002
	22CC29SFA	<63mm	0.20	0.5	0.045	1.08	24.5	14.6	0.53	260	1.70	2.10	1.9	23.6	240	12.5	31.3	<0.002
	23CCC29SB	Bulk	0.11	0.7	0.037	0.89	9.6	15.9	1.19	502	0.53	2.06	1.5	25.8	330	7.2	23.7	<0.002
	23CCC29SM	<2>63mm	0.11	0.5	0.032	1.18	12.6	16.3	0.96	359	0.62	2.49	2.3	24.3	220	8.6	30.3	0.002
CC30	22CC30SB	Bulk	0.15	1.0	0.030	0.76	8.5	13.2	0.55	265	0.55	1.54	1.6	42.0	320	6.0	24.3	<0.002
	22CC30SC	>2mm	0.20	1.1	0.040	0.70	9.0	14.0	0.60	270	1.00	1.62	1.6	47.8	290	5.5	24.4	<0.002
	22CC30SF	<2mm	0.15	0.7	0.025	0.84	8.5	12.4	0.48	255	0.85	1.71	1.5	28.2	190	6.0	24.1	<0.002
	23CCC30SB	Bulk	0.09	0.7	0.028	1.07	7.6	15.1	0.58	255	0.76	1.9	1.7	24.2	190	7.2	30.2	0.002
	23CCC30SM	<2>63mm	0.11	0.7	0.027	1.06	7.9	13.9	0.57	267	0.58	1.92	2.1	21.1	180	6.7	28.6	<0.002
CC31	23CC31SB	Bulk	0.09	1.1	0.049	0.85	11.5	38.5	1.2	545	1	1.33	2.8	46.2	370	5.9	29.8	<0.002
	23CC31SF	<2mm	0.1	1.1	0.042	0.98	26.5	27.2	0.77	438	0.7	1.52	2.6	35.9	220	7.4	32.7	<0.002
	23CC31SM	<2>63mm	0.14	1.1	0.042	1	40	27.1	0.75	434	1.04	1.58	2.7	35.1	230	7.6	34	<0.002
CC32	23CC32SB	Bulk	0.09	1.1	0.047	1.46	10.1	25	1.34	563	0.71	2.24	4.2	31.8	280	10	39.1	<0.002

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Units—			wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
CC21	22CC21SB	Bulk	<0.01	0.67	2	1.4	105.5	0.19	0.06	2.1	0.286	0.12	0.8	149	0.7	12.5	57	29.2
	22CC21SC	>2mm	<0.01	0.30	1	1.0	118.5	0.05	0.05	3.6	0.24	0.16	1.0	135	0.4	11.4	68	33.5
	22CC21SF	<2mm	<0.01	0.40	<1	0.8	175.0	<0.05	0.05	4.8	0.20	0.18	0.8	96	0.3	9.0	56	26.5
CC22	22CC22SB	Bulk	<0.01	0.63	2	1.2	168.5	0.19	0.09	3	0.225	0.19	0.9	112	0.9	11.7	49	28.5
	22CC22SC	>2mm	<0.01	0.25	1	0.8	133.5	0.05	0.05	4.8	0.22	0.16	1.0	124	0.3	10.8	62	32.0
	22CC22SF	<2mm	<0.01	0.40	<1	0.8	186.0	0.05	0.05	4.8	0.17	0.20	0.9	94	0.6	9.5	52	26.5
CC23	22CC23SB	Bulk	<0.01	0.25	<1	1.6	194.0	0.05	<0.05	6.6	0.24	0.22	1.0	103	0.3	9.7	62	33.5
CC24	22CC24SB	Bulk	0.01	0.89	2	1.2	145.5	0.19	0.07	3.2	0.213	0.17	1.1	112	0.8	12.9	52	27
	22CC24SC	>2mm	<0.01	0.45	1	1.2	122.5	0.05	<0.05	3.8	0.23	0.18	1.1	137	0.3	12.0	64	35.0
	22CC24SF	<2mm	<0.01	0.55	1	1.2	203	0.15	0.05	8.2	0.23	0.24	1.4	105	0.8	11.9	76	26.5
CC25	22CC25SC	>2mm	<0.01	0.50	<1	0.8	166.5	0.10	0.05	3.8	0.22	0.18	1.0	116	0.5	11.4	56	30.5
	22CC25SF	<2mm	<0.01	0.30	<1	1.0	232	0.05	<0.05	7.2	0.24	0.28	1.3	92	0.8	11.2	78	19.0
CC26	22CC26SB	Bulk	0.01	0.71	2	1.5	162	0.21	0.06	3.4	0.206	0.2	1	107	0.7	12.8	61	26.5
	22CC26SC	>2mm	0.01	0.55	1	0.6	103.5	0.05	<0.05	2.6	0.19	0.16	1.0	113	0.4	12.6	64	31.0
	22CC26SF	<2mm	<0.01	0.45	1	1.0	212	0.05	0.05	7.4	0.21	0.26	1.2	95	0.4	11.4	74	27.0
CC29	22CC29SB	Bulk	0.03	0.55	1	1.0	208	0.05	0.10	4.8	0.18	0.24	0.9	102	0.5	8.4	58	25.5
	22CC29SC	>2mm	0.02	0.40	1	0.8	162.0	0.05	0.05	4.4	0.21	0.18	0.8	128	0.6	10.1	64	25.0
	22CC29SFA	<63mm	<0.01	0.75	1	1.6	279	0.05	0.25	6.0	0.12	0.24	0.8	55	0.5	6.4	52	15.0
	23CCC29SB	Bulk	0.04	0.4	<1	0.9	258	0.09	<0.05	2.6	0.22	0.15	0.6	124	0.4	9.7	58	14.6
	23CCC29SM	<2>63mm	0.01	0.41	<1	1.3	302	0.1	<0.05	3.5	0.16	0.2	0.6	63	0.4	7.6	47	11.2
CC30	22CC30SB	Bulk	<0.01	0.40	<1	0.6	160.5	<0.05	<0.05	2.6	0.18	0.16	0.8	87	0.3	8.9	52	36.5
	22CC30SC	>2mm	<0.01	0.50	<1	1.0	134.5	<0.05	<0.05	3.2	0.19	0.18	1.0	96	0.3	10.8	54	41.0
	22CC30SF	<2mm	<0.01	0.35	<1	0.8	200	<0.05	<0.05	3.2	0.13	0.18	0.7	66	0.3	6.6	44	22.0
	23CCC30SB	Bulk	<0.01	0.42	<1	0.8	218	0.06	<0.05	2.1	0.16	0.21	0.7	70	0.5	7	42	17.1
	23CCC30SM	<2>63mm	<0.01	0.4	<1	1.1	219	0.09	<0.05	2.1	0.15	0.2	0.6	66	0.4	5.9	42	18.7
CC31	23CC31SB	Bulk	0.02	0.72	1	0.8	168.5	0.2	0.07	2.8	0.261	0.18	1	153	1.3	14.2	64	34.1
	23CC31SF	<2mm	0.01	0.65	2	0.8	235	0.21	0.06	5.9	0.225	0.19	1	126	1.8	10.7	49	26.2
	23CC31SM	<2>63mm	0.01	0.65	2	0.7	240	0.21	0.07	8	0.228	0.19	1.2	128	1.7	11.4	48	26.2
CC32	23CC32SB	Bulk	<0.01	0.45	2	1.2	269	0.36	0.05	3.7	0.302	0.3	1.1	114	0.8	13.1	70	23.8

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Units—			µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g
CC33	23CC33SB	Bulk	0.031	0.14	7.15	8.6	410	0.95	0.09	1.74	0.19	24.7	17	88	1.85	43.2	3.86	17.15
CC34	23CC34SB	Bulk	0.008	0.13	6.95	6.7	420	0.92	0.11	1.32	0.36	23.8	13.6	71	1.45	43	3.18	14.8
CC35	23CC35SB	Bulk	0.042	0.16	8.99	15.2	380	1.09	0.42	1.1	0.12	30.5	16	98	3.95	101.5	3.49	20.6
CC36	23CC36SB	Bulk		0.12	6.16	9.5	370	0.54	0.06	2.57	0.16	14.45	10.9	106	0.71	24.9	3.21	13.4
	23CC36SM	<2>63mm		0.14	5.09	6.5	460	0.66	0.05	1.26	0.1	12.95	5	19	0.88	20	2.49	10.45

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Units—			µg/g	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
CC33	23CC33SB	Bulk	0.11	1.6	0.051	0.92	12.3	40	1.33	535	0.68	1.91	3.6	43	360	9.1	37.9	<0.002
CC34	23CC34SB	Bulk	0.09	1.5	0.05	0.85	12.4	35.9	0.95	470	0.76	1.41	4.5	25.5	370	25.8	32.9	<0.002
CC35	23CC35SB	Bulk	0.1	1.8	0.08	0.88	15	116	1.08	328	3.38	1.7	4.1	39.1	200	11.3	37.6	0.002
CC36	23CC36SB	Bulk	0.12	1	0.051	0.6	7.5	15.9	1.18	585	0.63	1.83	1.4	26	260	5	18.9	0.004
	23CC36SM	<2>63mm	0.1	0.5	0.023	0.89	7.2	12.8	0.49	207	0.69	1.72	1.8	15.9	170	6.2	24.2	<0.002

Table 4. Concentrations of major and minor elements in dredge tailings and sediment samples, determined by ICP-MS and ICP-AES

Field site	Subsample	Material	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Units—			wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	wt %	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
CC33	23CC33SB	Bulk	0.01	0.74	2	0.9	171.5	0.28	0.08	3.8	0.306	0.22	1.3	153	1	16.4	67	41.5
CC34	23CC34SB	Bulk	0.06	1.01	2	1	212	0.3	0.08	3	0.298	0.24	1.1	129	1.7	13.3	79	39.2
CC35	23CC35SB	Bulk	0.04	1.02	3	1.2	188	0.32	0.38	4.1	0.372	0.26	1.7	174	5.5	18.9	80	45.4
CC36	23CC36SB	Bulk	0.01	0.43	<1	0.9	167.5	0.06	0.05	1.8	0.21	0.13	0.6	133	0.4	10	54	24.7
	23CC36SM	<2>63mm	0.01	0.4	<1	1.1	205	<0.05	<0.05	2.1	0.11	0.17	0.6	61	0.3	5.1	36	15