Table 7. *Geochemical determinations of selected samples from mineral occurrences and deposits in the Sleetmute C-7, C-8, D-7, and D-8 quadrangles, Alaska[a] (Localities shown with squares on sheet 1.)*

Map no.	Field no.	Geologic host unit	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Cd (ppm)	As (ppm)	Sb (ppm)	Fe %	Ba (ppm)	Cr (ppm)	V (ppm)	W (ppm)	La (ppm)	Bi (ppm)	Sm (ppm)	Ce (ppm)	Sc (ppm)	Zr (ppm)	Nb (ppm)	Ta (ppm)	U (ppm)	Th (ppm)	Sn (ppm)	Hg (ppm)	Remarks
1	91BT121c	Kssq	ND	ND	16	7	66	8	78	9	ND	23	ND	3.27	633	94	119	ND	20	7	4.9	58	16	39	10	ND	1.8	5.1	ND	0.232	Ferricrete breccia in siliceous sandstone (Kssq)
2	91GL23	TKgp	ND	0.8	11	28	574	2	10	2	ND	136	279	>10.00	105	63	21	ND	4	ND	- -	- -	- -	- -	- -	- -	- -	- -	21	>50.00	Rhyolite Mercury Prospect—Metacinnabar in trench sample
3	91GL24	TKgp	ND	0.3	17	5	67	ND	6	10	ND	9	ND	4.51	62	87	125	ND	3	ND	- -	- -	- -	- -	- -	- -	- -	- -	12	0.035	Rhyolite Mercury Prospect—Quartz-carbonate vein in TKgp unit
4	90BT43	TKat	ND	ND	14	5	64	3	13	4	ND	33	ND	4.27	1,600	134	37	ND	14	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	0.326	Hematite zone in ash-flow tuff (TKat)
5	90BT47	TKgrt	ND	0.3	25	3	120	ND	15	11	ND	16	ND	8.75	1,300	69	37	ND	20	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	0.065	Ferricrete breccia in coarse-grained tuff (TKgrt)
6	90BT41	TKat	ND	0.3	12	3	57	ND	5	2	ND	ND	ND	1.12	1,600	226	4	ND	3	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	3.221	Limonite flooding in tuffaceous felsite
7	90BT42	TKgd	ND	ND	3	6	90	ND	2	ND	ND	ND	ND	0.94	1,700	20	3	ND	3	ND	- -	- -	- -	- -	- -	- -	- -	- -	7	0.684	Reddish oxide zone in tuffaceous felsite (TKgd)
8	90BT56	TKat	ND	0.2	6	5	175	2	5	ND	ND	ND	ND	5.49	2,800	18	ND	ND	13	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	4.446	Yellow oxide zone in ash-flow tuff (TKat)
9	90GL39	TKvm	ND	0.2	19	9	44	ND	3	7	ND	ND	ND	3.68	1,200	56	33	ND	14	ND	- -	- -	- -	- -	- -	- -	- -	- -	8	0.288	Fault breccia in mafic volcanic (TKvm)
10	82BT120B	TKgrm	ND	ND	16	20	370	ND	ND	10	ND	14	2.6	4.90	1,300	54	- -	ND	29	13	7.1	53	13.0	ND	10	ND	4.2	8.0	ND	0.017	Ferricrete alteration in vesicular volcanic (TKgvm)
11	92BT122A	TKuv	ND	ND	54	6	610	ND	210	45	ND	11	1.7	7.60	1,800	1,000	- -	ND	17	21	4.7	25	26.0	ND	7	ND	2.0	4.1	22	ND	Ferricrete breccia in vitreous volcanic (TKvv)
12	90HA21	TKvip	ND	0.3	20	9	70	2	27	20	ND	16	ND	5.52	930	236	105	ND	10	ND	- -	- -	- -	- -	- -	- -	- -	- -	10	0.137	Sulfide-bearing, fine-grained volcanic
13	90GL55	TKvit	ND	ND	20	6	64	2	25	12	ND	32	ND	3.77	730	150	50	ND	14	ND	- -	- -	- -	- -	- -	- -	- -	- -	6	0.102	Sulfide-bearing contact between syenite and volcanic roof pendant
14	90HA20	TKvit	24	ND	77	26	260	6	51	21	ND	40	2.3	>10.00	1,700	310	- -	2	85	ND	8.7	320	17.0	255	48	2	5.8	21.0	ND	9.233	Gossan in dacite-andesite flows
15	90BT80A	TKsy	8	0.5	6	8	132	ND	4	1	ND	8	9	0.50	170	175	2	ND	13	ND	- -	- -	- -	- -	- -	- -	- -	- -	40	0.569	Jungjuk Creek Prospect—N25W trending tourmaline greisen-like vein fault in syenite below roof pendants of andesite flows; 1.5 m chip channel
	90BT80B	TKsy	ND	0.5	16	15	369	ND	5	2	ND	44	12	0.62	150	168	2	ND	10	ND	- -	- -	- -	- -	- -	- -	- -	- -	32	2.055	Jungjuk Creek Prospect—Same as above; 2 m chip channel
	90BT80C	TKsy	ND	0.5	9	8	172	ND	7	2	ND	ND	5	0.67	100	246	2	ND	11	ND	- -	- -	- -	- -	- -	- -	- -	- -	36	0.488	Jungjuk Creek Prospect—Same as above; 1.5 m chip channel
	90BT80D	TKsy	ND	0.2	12	12	203	ND	7	3	ND	15	10	0.89	210	189	3	ND	8	ND	- -	- -	- -	- -	- -	- -	- -	- -	38	3.436	Jungjuk Creek Prospect—Same as above; 1 m chip channel
16	90HA16	TKdt	ND	0.8	33	37	146	1	27	13	ND	33	ND	4.43	830	82	28	ND	18	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	1.016	Axinite-bearing felsite dikes
17	90HA15	TKdi	ND	0.4	10	24	114	3	26	12	ND	132	10	2.71	950	94	14	ND	19	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	0.317	Felsite dikes with heavy ferricrete gossan
18	90GL43	TKhf	ND	ND	58	11	37	5	79	13	ND	75	ND	3.89	1,000	112	49	ND	11	ND	- -	- -	- -	- -	- -	- -	- -	- -	10	0.315	Shear zone at syenite-hornfels contact
19	90BT77	TKdt	54	1.3	44	40	1,179	3	12	12	3	37	22	6.09	400	58	36	ND	21	ND	- -	- -	- -	- -	- -	- -	- -	- -	17	0.767	Axinite-quartz veins in dacite tuff
20	90BT79	TKsy	ND	6.8	119	2,302	401	2	3	ND	7	924	321	3.29	1,100	136	ND	ND	21	ND	- -	- -	- -	- -	- -	- -	- -	- -	32	13.430	Greisen Prospect—Extensive tourmaline-axinite greisen-like zone in syenite; contains galena
21	90GL47	TKsy	ND	0.3	25	3	120	ND	15	11	ND	16	ND	8.75	1,300	69	37	ND	20	ND	- -	- -	- -	- -	- -	- -	- -	- -	ND	0.065	Chalcopyrite-bearing shear zone in syenite
22	90BT65B	TKsy	ND	0.3	20	8	52	ND	23	9	ND	24	ND	3.52	1,500	152	34	ND	23	ND	- -	- -	- -	- -	- -	- -	- -	- -	18	0.049	Axinite-tourmaline bearing syenite
23	90BT66a	TKsy	1,752	5.9	49	24	15	ND	7	8	7	1,108	82	0.80	ND	312	ND	ND	2	165	- -	- -	- -	- -	- -	- -	- -	- -	22	3.121	Getmuna Creek Prospect—N20E trending, 10-cm-wide chip channel, quartz-arsenopyrite vein in syenite rubble, traced discontinuously for 1 km
	90BT66b	TKsy	221	2.3	219	7	12	1	6	1	1	179	76	0.59	ND	393	2	ND	ND	7	- -	- -	- -	- -	- -	- -	- -	- -	41	0.570	Getmuna Creek Prospect—Same as above; 20 cm chip channel
24	90BT67a	TKsyp	14,500	29.2	75	464	42	ND	6	3	21	>2,000	>2,000	1.34	350	342	4	ND	7	11	- -	- -	- -	- -	- -	- -	- -	- -	ND	11.098	Getmuna Creek Prospect—N15E, 10–20-cm-wide chip channel, quartz-galena vein in syenite; traced discontinuously for 300 m
	90BT67b	TKsyp	267	3.2	56	62	27	1	6	2	ND	98	>2,000	1.10	200	389	7	ND	11	ND	- -	- -	- -	- -	- -	- -	- -	- -	10	2.708	Getmuna Creek Prospect—Same as above; 10 cm wide chip channel
25	92BT130	Kssq	ND	ND	21	5	123	ND	79	ND	ND	15	2.3	4.03	1,000	130	116	ND	29	2	6.0	63	15.0	65	10	ND	3.0	6.8	18	0.247	Ferricrete zone in Kssq sandstone
26	92BT139	Kssq	ND	ND	21	11	210	ND	65	18	ND	12	1.4	4.20	990	100	123	ND	24	ND	4.0	59	12.0	53	6	1	5.0	2.3	18	0.097	Background sample; light gray fine-grained sandstone
27	92BT133	Kss	ND	ND	20	3	210	ND	62	16	ND	5	1.5	4.40	730	100	115	ND	22	ND	3.6	41	11.0	65	8	ND	2.4	5.2	17	0.346	Background sample; medium-grained sandstone
28	90BT91a	TKsyp	ND	ND	17	4	24	ND	9	4	1	237	28	1.57	900	195	13	ND	19	ND	- -	- -	- -	- -	- -	- -	- -	- -	30	0.165	Saddle occurrence—Extensive zone of N20E vertical and N60W vertical joints infilled with tourmaline, axinite, quartz, and ferricrete gossan
	90BT91B	TKsy	514	18.9	40	53	25	ND	13	5	4	642	48	1.60	400	284	21	ND	9	7	- -	- -	- -	- -	- -	- -	- -	- -	13	14.277	Saddle occurrence—Same as above; 1 m chip channel sample
	90BT90	TKsy	ND	0.2	23	10	88	1	32	23	ND	153	ND	4.55	1,100	153	53	ND	11	ND	- -	- -	- -	- -	- -	- -	- -	- -	7	0.812	Saddle occurrence—Same as above; 1.5 m chip channel sample
29	90HA29	TKsy	ND	0.3	11	10	64	1	23	7	ND	34	ND	2.89	1,400	170	52	ND	17	ND	- -	- -	- -	- -	- -	- -	- -	- -	13	0.046	Porphyritic intrusion with black unidentified mineral
30	90GL64	TKhf	113	1.4	171	11	35	ND	12	15	1	171	82	0.67	2,300	166	4	ND	26	2	- -	- -	- -	- -	- -	- -	- -	- -	16	0.656	Tourmaline greisen in felsite dike that intrudes syenite
31	92BT101	Kac	ND	ND	3	10	560	ND	ND	12	ND	13	17	4.70	1,700	ND	63	ND	20	ND	4.8	28	12.0	91	6	ND	1.6	3.0	ND	0.010	Olive colored formfels with ferricrete shears
32	92BT100	Kssq	ND	ND	20	19	360	ND	18	18	ND	95	218	5.30	290	130	120	3	28	ND	5.2	41	12.0	71	8	2	1.7	6.6	23	0.059	Kssq section background
33	91GL32	TKdt	ND	ND	17	10	30	4	31	10	ND	11	1.9	3.80	1,700	110	83	ND	15	ND	3.0	26	11.0	48	21	ND	1.3	3.1	ND	0.295	Reddish vein in thermally altered TKdt
34	91GL27B	TKsy	ND	ND	17	8	210	3	12	12	ND	ND	4.7	5.50	240	73	33	ND	38	ND	6.3	75	17.0	145	23	ND	3.8	10.0	ND	0.725	Fuzzy black alteration zone in andesite
35	92BT124	TKsy	ND	ND	10	13	280	ND	16	18	ND	11	1.5	2.90	1,600	80	28	ND	32	ND	6.0	66	8.8	29	6	1	3.9	9.1	22	0.030	30-m-wide felsic dike in TKsy
36	92GL92	TKvit	ND	ND	23	15	230	ND	33	14	ND	50	9.0	4.00	810	78	116	ND	30	ND	5.1	67	14.0	36	ND	1	3.1	6.9	9	0.279	Ferricrete veined breccia in thermally altered TKvit
37	92BT109	Kssq	ND	ND	19	9	220	ND	45	9	ND	8	6.8	4.10	850	110	117	ND	26	ND	3.8	52	12.0	64	7	1	2.6	5.6	14	0.267	Background sample; medium grained non calcareous sandstone
38	91BT67	Kssq	10	ND	6	ND	6	3	6	ND	ND	6	3.9	0.50	130	11	12	ND	ND	ND	0.4	- -	1.4	ND	ND	ND	ND	ND	ND	0.105	Ferricrete breccia in Kssq sandstone
39	91BT71A	TKhf	ND	ND	22	16	44	4	50	14	ND	113	38.9	6.80	440	220	152	ND	20	ND	4.0	41	17.0	32	11	ND	2.5	5.1	16	0.592	Sue Creek Prospect—Network veins of massive geothite in hornfels range from 3–20 cm wide; mineralized area is 150 m x 300 m
	91BT71B	TKhf	ND	ND	22	15	250	7	82	18	ND	207	48.8	>10.00	310	110	177	102	29	ND	5.7	52	21.0	51	13	ND	4.8	6.9	15	0.599	Sue Creek Prospect—Same as above; 2 m chip channel sample
	91BT71C	TKhf	ND	ND	35	23	270	6	100	13	ND	154	22.1	8.70	400	210	138	27	26	ND	4.5	49	18.0	29	12	ND	3.5	5.8	23	0.568	Sue Creek Prospect—Same as above; 1.5 m chip channel
	91BT71D	TKhf	17	ND	42	33	570	15	170	13	ND	621	337.0	>10.00	600	ND	103	27	17	ND	4.0	25	9.3	8	8	ND	ND	2.2	33	5.115	Sue Creek Prospect—Same as above; 3 m chip channel
	92BT134A	TKhf	ND	ND	76	26	440	3	78	17	ND	199	19.0	>10.00	400	98	136	4	26	ND	6.2	45	19.0	59	11	ND	4.6	5.3	25	0.857	Sue Creek Prospect—Same as above; 3 m chip channel
	92BT134B	TKhf	ND	ND	65	34	570	6	ND	ND	ND	167	69.5	>10.00	210	97	208	6	25	ND	5.6	52	32.0	24	9	ND	3.5	4.3	25	0.616	Sue Creek Prospect—Same as above; 4 m chip channel
	92BT134C	TKhf	ND	ND	21	9	460	3	88	11	ND	788	33.0	>10.00	370	82	111	4	18	ND	3.5	ND	10.0	28	9	ND	1.4	4.0	15	0.474	Sue Creek Prospect—Farthest south sample; 2 m chip channel near metasomatized dike
	92BT134E	TKhf	7	ND	57	11	530	6	60	19	ND	307	67.0	>10.00	320	110	159	37	28	ND	5.7	33	14.0	27	11	ND	6.3	4.3	11	1.401	Sue Creek Prospect—Geothite network in hornfels; 3 m chip channel
	92BT134F	TKhf	ND	ND	41	19	240	3	52	13	ND	139	70.4	9.30	240	110	126	4	18	ND	4.2	ND	10.0	26	9	ND	2.6	3.8	9	0.536	Sue Creek Prospect—Mixed syenite/hornfels zone; no sulfides or Fe oxides recognized
	92BT134G	TKhf	140	ND	35	12	200	3	48	4	ND	165	178.0	>10.00	190	61	102	6	7	ND	2.9	19	6.9	11	11	ND	1.0	ND	10	4.403	Sue Creek Prospect—Near west side hornfels near syenite contact; contains 28 ppm Te
	92BT134H	TKhf	ND	ND	78	14	350	7	91	7	ND	142	110.0	>10.00	680	150	172	2	23	ND	5.3	55	15.0	36	6	ND	3.3	5.1	10	0.468	Sue Creek Prospect—Geothite network; 4 m chip channel
	92BT134I	TKhf	16	ND	37	7	97	ND	ND	3	ND	68	48.5	2.30	680	73	80	6	14	ND	2.9	26	8.3	25	ND	ND	1.9	3.8	8	0.529	Sue Creek Prospect—Geothite network in felsic dike; 2 m chip channel
	92BT134J	TKhf	ND	ND	30	15	83	5	ND	4	ND	93	68.2	>10.00	150	170	128	3	23	ND	5.3	48	13.0	27	9	ND	2.5	5.2	9	0.512	Sue Creek Prospect—Geothite network; 2 m chip channel
	92BT134K	TKhf	ND	ND	39	15	230	3	41	8	ND	218	71.8	>10.00	460	100	131	7	22	ND	5.0	30	12.0	30	9	ND	3.3	5.5	8	0.692	Sue Creek Prospect—Geothite network; 3 m chip channel
	92BT134L	TKhf	ND	ND	19	8	270	2	59	7	ND	245	30.5	7.40	290	72	145	37	21	ND	5.1	40	16.0	31	8	ND	5.7	9.8	19	0.394	Sue Creek Prospect—Geothite network; 3 m chip channel
	92BT134M	TKhf	ND	ND	29	15	250	2	64	8	ND	182	145.0	>10.00	350	85	168	16	27	ND	6.3	62	14.0	33	8	ND	4.5	5.0	14	2.142	Sue Creek Prospect—Geothite network; 2 m chip channel
40	92BT136	TKhf	ND	ND	89	12	350	4	71	13	ND	118	21.8	>10.00	260	ND	81	7	34	ND	7.9	50	19.0	77	13	ND	5.3	9.1	13	0.878	Geothite network similar to prospect #39; grab sample only
41	92BT138	TKhf	ND	ND	14	2	78	ND	49	10	ND	20	15.0	2.50	1,000	140	136	ND	27	ND	4.8	60	14.0	46	8	ND	2.3	5.6	15	0.238	Background sample; hornfels
42	92BT109	Kssq	ND	ND	19	9	220	ND	45	9	ND	23	6.8	4.10	850	110	117	ND	26	ND	3.8	52	12.0	64	7	1	2.6	5.6	19	0.267	Background sample; medium-grained lithic sandstone
43	91BT6a	Qac	ND	ND	6	21	141	ND	7	10	ND	60	2.4	4.60	390	160	15	ND	16	ND	4.0	25	8.7	40	16	ND	1.6	2.7	9	0.165	Background sample; Kus float
44	92GL88	Kaci	ND	ND	5	10	33	ND	73	57	ND	29	ND	4.80	62	180	43	ND	ND	ND	ND	ND	18.0	8	ND	ND	ND	ND	13	0.012	Hydrothermally altered gabbro float
45	91BT36	TKdt	ND	ND	17	18	220	13	16	ND	ND	271	7.8	>10.00	2,400	85	71	ND	22	ND	2.9	33	34.0	134	16	ND	2.8	7.1	ND	3.669	Alteration zone in dacite tuff (TKdt)
46	92HA65	TKdt	ND	ND	46	18	108	ND	180	38	ND	13	1.5	7.20	1,200	560	154	ND	19	2	4.5	48	24.0	87	7	ND	2.2	5.7	9	0.519	Geothite-bearing volcanic tuff
47	92HA66	TKdt	880	ND	15	7	41	ND	68	14	ND	15	6.0	2.60	290	200	50	ND	7	ND	1.6	17	6.3	33	ND	ND	0.8	1.4	8	0.671	Bear Creek occurrence—Chalcedonic breccia in fine-grained mafic volcanic host
48	91BT16	TKgp	9	ND	72	94	66	4	48	16	ND	19	1.8	10.00	920	320	137	86	167	ND	28.3	800	23.0	2,200	17	ND	8.5	51.0	ND	8.461	Mineralized contact zone between granite porphyry and diorite intrusion
49	91BT30	TKgr	ND	ND	33	9	53	52	66	13	ND	5	1.1	4.10	780	160	129	ND	18	ND	4.9	59	15.0	44	15	ND	1.7	4.5	ND	0.128	Gossan in granite with tourmaline flooding; grab sample TKgr unit
50	91HA2	TKgr	ND	ND	9	148	26	4	5	2	ND	17	13.0	1.70	530	7	9	ND	17	ND	3.7	38	3.7	28	18	2	2.3	4.8	ND	0.914	Granite with reddish oxide stains along fractures; TKgr unit
51	91BT30B	TKgr	ND	ND	5	20	210	4	23	ND	ND	9	0.5	0.90	740	8	5	2	14	ND	3.1	27	2.2	21	16	2	3.3	3.6	ND	0.300	Background sample; granite TKgr unit
52	91BT18	TKgp	ND	ND	16	23	56	7	10	4	ND	3	5.0	0.98	2,300	7	12	ND	41	ND	6.7	75	2.3	29	15	ND	2.5	13.0	ND	0.023	Sericitically altered granite porphyry
53a	91BT91B	Kss	ND	ND	22	11	44	4	13	18	ND	1	0.3	4.40	210	200	117	ND	25	ND	4.2	47	18.0	84	9	ND	1.9	3.9	ND	>50.00	Kolmakof Mercury Prospect—Kolmakof Mine; 91C–F from quartz carbonate veins on beach; 91B = 1 m chip channel 30 m east of main zone
	91BT91C	Kss	ND	ND	17	14	27	2	25	12	ND	6	0.6	3.20	280	79	76	ND	16	ND	3.9	28	12.0	44	17	ND	1.9	5.4	ND	1.438	Kolmakof Mercury Prospect—Same as above; 1 m chip channel
	91BT91D	Kss	ND	ND	32	24	52	54	48	28	ND	33	2.4	2.90	410	160	126	ND	26	ND	4.7	47	16.0	50	16	ND	2.2	6.9	ND	0.629	Kolmakof Mercury Prospect—Same as above; 2 m chip channel
	91BT91E	Kss	ND	ND	25	20	43	27	37	13	ND	12	1.9	4.00	490	110	93	3	19	ND	3.6	36	11.0	48	16	ND	2.2	4.2	ND	0.257	Kolmakof Mercury Prospect—Same as above; 2 m chip channel
	91BT91F	Kss	ND	ND	16	8	8	8	16	ND	ND	7	0.7	1.80	6,500	65	67	2	9	2	2.0	19	8.1	18	17	ND	0.7	1.6	ND	0.103	Kolmakof Mercury Prospect—Quartz-carbonate vein in bleached sandstone; 1 m chip channel contains 26 ppm Te
53b	91BT129A	Kss	10,000	45.0	67	36	53	4	35	21	ND	61	2.7	4.60	1,500	290	116	8	20	ND	4.9	1,470	14.0	6.7	13	ND	ND	2.0	ND	>50.00	Kolmakof Mercury Prospect—Jig concentrate at mill; contains 66 pm Te
	91BT129B	Kss	3,240	0.7	91	17	71	9	32	27	ND	14	2.6	6.00	1,200	190	155	4	24	ND	5.6	250	24.0	8.7	13	ND	2.0	6.7	ND	>50.00	Kolmakof Mercury Prospect—Main Kolmakof deposit; from1 m zone in upper pit
	91BT129D	Kss	12	ND	31	13	67	4	51	30	ND	6	0.8	5.60	520	230	138	ND	32	ND	5.6	58	24.0	82	10	ND	2.3	6.3	ND	46.700	Kolmakof Mercury Prospect—2 m chip channel; hanging wall of altered dike
	91BT129E	Kss	9	ND	27	11	55	6	44	17	ND	14	1.4	5.40	1,200	200	124	ND	25	ND	4.8	59	23.0	73	12	ND	2.8	3.2	ND	37.680	Kolmakof Mercury Prospect—1.2 m chip channel; hanging wall
	91BT129G	Kss	ND	ND	18	7	56	6	ND	38	ND	4	0.8	7.20	580	360	117	ND	21	ND	4.3	171	28.0	57	7	ND	ND	2.4	ND	>50.000	Kolmakof Mercury Prospect—Cinnabar-bearing altered mafic dike; 1 m chip channel
	91BT129H	Kss	6	ND	39	13	34	3	140	41	ND	42	1.6	8.50	330	920	147	ND	14	ND	2.7	110	32.0	35	10	ND	1.1	2.5	ND	>50.000	Kolmakof Mercury Prospect—1.4 m chip channel of main dike along beach
	91BT129I	Kss	ND	0.8	45	14	26	5	94	41	ND	27	2.2	7.50	200	940	139	ND	15	ND	2.8	300	32.0	26	10	ND	0.8	3.6	ND	>50.000	Kolmakof Mercury Prospect—2 m chip channel from altered dike west of main Kolmakof dike
	91BT129J	Kss	ND	ND	29	12	64	8	100	55	ND	2	0.7	10.00	740	320	138	ND	35	ND	7.2	55	34.0	169	26	ND	1.2	3.6	ND	17.866	Kolmakof Mercury Prospect—1.5 m chip channel from altered sandstone zone; hanging wall of dike map #53B
54a	92HA60	Kss	ND	ND	31	17	210	ND	89	22	ND	26	7.3	>10.00	1,000	120	150	ND	33	ND	4.4	63	18.0	101	12	ND	3.5	9.3	17	0.227	Kss shale with pyrite concentrations
54b	92HA61	Kss	ND	ND	26	10	250	ND	310	66	ND	17	1.2	8.70	1,400	1,100	172	ND	14	ND	4.2	27	34.0	71	6	ND	1.4	2.6	18	0.025	Altered mafic dike in Kss unit
55	91BT88	Kss	9	ND	16	18	52	5	41	13	ND	2	3.6	5.50	300	97	58	ND	31	ND	4.8	60	15.0	700	15	ND	2.6	6.4	ND	0.874	Altered mafic dike with gossan in Kss unit
56	91BT87	Kssq	8	0.9	41	16	62	11	58	13	ND	13	7.3	4.40	830	110	125	ND	20	ND	4.2	50	11.0	52	11	1	2.3	6.1	ND	0.160	Ferricrete zone in shale section
57	92BT93	TKdi	ND	ND	30	11	610	ND	180	29	ND	16	20.4	6.50	630	610	145	ND	17	ND	3.6	35	22.0	60	7	ND	1.7	5.0	12	0.019	Ferricrete-rich intermediate intrusion(?)
58	92BT92A	TKdi	ND	ND	23	11	350	ND	47	28	ND	16	22.2	5.90	400	370	172	ND	13	ND	3.6	29	21.0	54	5	ND	1.5	2.4	6	0.056	Disseminated sulfides in altered mafic dike
59	91BT29A	Kssf	7	ND	46	16	33	5	100	37	ND	5	2.1	5.60	495	570	128	ND	20	ND	3.7	37	23.0	48	13	ND	2.0	4.5	ND	0.092	Background sample; shale-rich Ksh unit
60	91BT27	Kssq	ND	ND	21	11	47	5	40	ND	ND	13	1.8	4.20	465	140	119	ND	24	ND	3.0	37	17.0	48	11	ND	1.8	4.3	ND	0.047	Quartz-carbonate veins in Kssq unit
61	91BT26	Kssq	7	ND	22	15	63	5	46	20	ND	47	2.0	5.30	364	140	96	ND	22	ND	2.4	35	14.0	59	11	ND	2.2	6.5	ND	0.195	Iron-rich shears in Kssq unit
62	91BT25	Kus	ND	ND	21	13	55	5	46	15	ND	9	2.6	5.00	590	130	116	ND	26	ND	2.8	45	13.0	68	15	ND	2.3	5.6	ND	0.102	Background sample; shale-rich Kus unit
63	91BT76A	Kus	ND	ND	26	11	57	2	34	22	ND	9	6.1	5.00	590	140	90	ND	19	ND	4.0	40	15.0	42	9	ND	1.9