ANALYTICAL RESULTS FOR SAMPLES COLLECTED DURING THE 2003 FIELD SEASON

Analytical and sample data collected during the 2003 Aniak Mining District field season are presented in table 1. In addition to the analytical results, the following information may be listed in the table; map number, sample number, location name, sample type, sample method, sample site, quadrangle, township/range/section, latitude, and longitude. Results are listed by map number and shown on plate 1.

ABBREVIATIONS

Sample type:

R	rock	S	sediment
SL	soil		

Sampling method (Rock chip):

C	continuous chip	Rep	representative chip
G	grab	S	select
PC	pan concentrate	SC	spaced chip
PL	placer	SS	stream sediment
RC	random chip	Slu	sluice concentrate

Sample site:

DC	drill cuttings	OC	outcrop
FL	float	RC	rubblecrop
MD	mine dump	TP	trench, pit, or cut
MT	mine tailings	UG	underground workings

OTHER INFORMATION

Quadrangle:

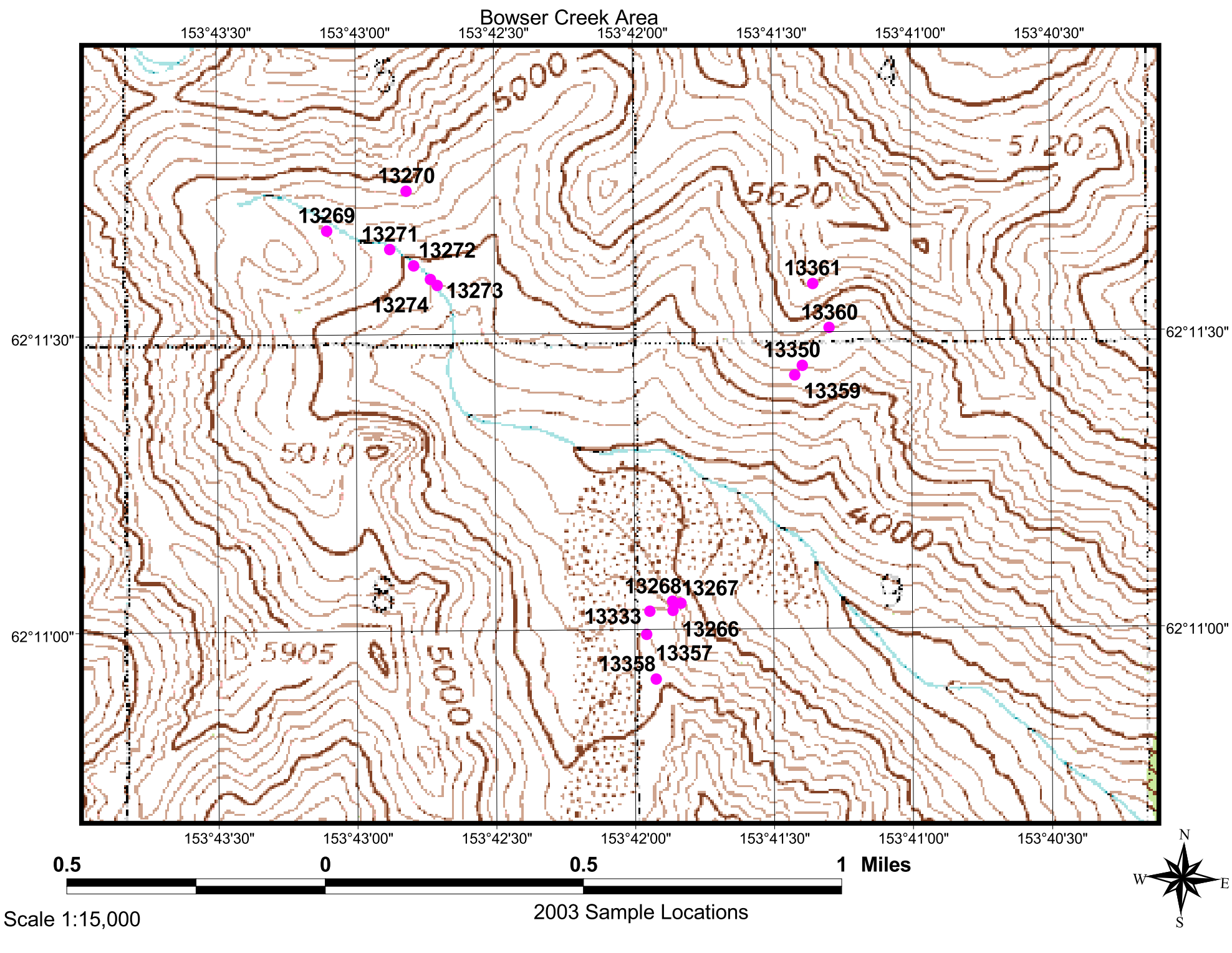
Represents the 1:63,360 scale U.S. Geological Survey topographic map.

Township/Range/Section:

All northern townships are within the Seward Meridian.
All southern townships are within the Kateel River Meridian.

Latitude and Longitude:

Collected and reported in NAD 83.


Bowser Creek Area
153°43'30"
153°43'00"
153°42'30"
153°42'00"
153°41'30"
153°41'00"
153°40'30"
62°11'30"
62°11'00"
5000
5120
5620
5010
5905
4000
13270
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1 Miles
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Scale 1:15,000
2003 Sample Locations

Mapno.	Samplen o.	Location name	Type	Method	Site	Quadrangle	Township/Range/Se ction	Latitude	Longitude	Ag ppm	Al pct	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe pct	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm
122	13269	Bowser Creek headwaters	R	S	FL	Mcgrath A2	T24N R24W Sec 5	62.19467	-153.720779	105	0.09	1220	0.008	<10	340	0.06	269	0.08	2170	3.03	77.7	10	0.08	1940	>15	1.56	0.29	<0.02	0.3	4.97
122	13270	Bowser Creek headwaters	R	S	OC	Mcgrath A2	T24N R24W Sec 5	62.19578	-153.71595	10.55	1.33	5.6	0.002	<10	540	0.1	11.6	0.14	86.6	7.42	6.3	33	0.79	142	4.95	9.38	0.07	0.05	0.12	0.053
122	13271	Bowser Creek headwaters	R	S	OC	Mcgrath A2	T24N R24W Sec 5	62.19414	-153.71696	198	0.1	11.8	0.006	<10	310	<0.05	728	0.03	24.6	2.46	132	11	0.11	4340	>15	0.23	0.43	<0.02	0.1	0.089
123	13272	Bowser Creek headwaters	R	S	OC	Mcgrath A2	T24N R24W Sec 5	62.19368	-153.71551	170	0.05	2.6	0.008	<10	30	<0.05	168	0.05	793	0.95	192	11	0.06	10200	>15	0.67	0.64	<0.02	0.16	1.65
123	13273	Bowser Creek headwaters	R	G	OC	Mcgrath A2	T24N R24W Sec 5	62.19313	-153.7141	1.48	2.21	14.1	<0.001	<10	840	0.38	1.4	2.21	2.79	17.8	9.3	62	0.37	38.8	2.46	6.78	0.16	0.1	0.32	0.014
123	13274	Bowser Creek headwaters	R	Rep	OC	Mcgrath A2	T24N R24W Sec 5	62.1933	-153.71451	0.72	2.26	3.4	<0.001	<10	1390	0.33	0.93	1.8	2.07	10.4	5.6	45	0.44	39.2	2.18	5.75	0.06	0.16	0.44	<0.005
126	13266	Bowser Creek main	R	SC	OC	Mcgrath A2	T24N R24W Sec 7	62.18397	-153.69991	18.8	0.32	30.7	0.251	<10	<10	0.21	625	8.73	817	2.05	183	25	0.12	584	3.58	0.68	0.24	0.1	0.6	2.16
126	13267	Bowser Creek main	R	G	OC, MD	Mcgrath A2	T24N R24W Sec 7	62.18416	-153.69941	1240	0.12	7470	0.115	<10	<10	0.12	6.32	1.89	1400	2.19	23.3	29	0.11	2220	>15	2.19	0.21	0.05	2.68	0.998
126	13268	Bowser Creek main	R	C	OC	Mcgrath A2	T24N R24W Sec 7	62.18422	-153.69991	821	0.32	1285	0.054	<10	40	<0.05	0.52	10.3	957	1.25	10.4	42	0.47	1285	11.25	1.72	0.12	0.13	1.46	0.627
126	13333	Bowser Creek main	R	S	OC	Mcgrath A2	T24N R24W Sec 9	62.18395	-153.701309	33.4	1.38	15.5	0.146	<10	210	0.45	262	4.39	1150	6.06	215	22	0.24	3250	11.8	3.42	0.36	0.22	0.3	3.36
126	13357	Bowser Creek main	R	Rep	RC	Mcgrath A2	T24N R24W Sec 9	62.18329	-153.701492	65.6	2.26	9.6	0.004	<10	110	0.87	117.5	8.73	161	8.76	25.9	35	0.29	1480	3.24	5.05	0.37	0.32	0.43	0.076
126	13358	Bowser Creek main	R	G	OC	Mcgrath A2	T24N R24W Sec 9	62.18204	-153.700928	0.66	5.46	2.8	0.002	<10	1020	0.94	0.72	2.75	1.62	8.65	10.8	34	1.6	78.1	2.89	9.14	0.07	0.11	0.8	0.006
125	13350	Bowser Creek NE	R	C	OC	Mcgrath A2	T24N R24W Sec 9	62.19084	-153.691986	100	0.17	8.6	1.145	<10	10	0.13	976	4.56	1940	1.54	433	8	0.14	632	6.89	0.69	0.62	0.14	2.97	5.04
125	13359	Bowser Creek NE	R	SC	OC	Mcgrath A2	T24N R24W Sec 9	62.19057	-153.692474	66.7	0.15	3.2	0.372	<10	<10	0.2	399	0.63	1025	1.77	121	5	0.09	701	4.36	0.7	0.27	0.13	0.5	0.808
124	13360	Bowser Creek NE	R	C	OC	Mcgrath A2	T24N R24W Sec 4	62.1919	-153.690384	84.5	0.4	3.3	0.663	<10	10	0.19	307	1.1	826	4.52	74.4	18	0.05	523	4.94	1.51	0.47	0.22	0.46	2.05
124	13361	Bowser Creek NE	R	C	OC	Mcgrath A2	T24N R24W Sec 4	62.19314	-153.69136	69.6	1.73	3.3	1.09	<10	10	0.51	328	4.8	1415	8.47	229	14	0.06	10900	8.84	4.99	0.52	0.11	0.19	0.645

Sample no.	K pct	La ppm	Li ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti pct	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
13269	0.03	1.5	0.2	0.02	2400	0.83	<0.01	0.06	3.4	70	3140	0.001	0.008	1.1	<0.001	>10	14.45	0.5	42.9	36	5.1	<0.01	1.76	0.4	<0.01	0.08	0.11	<1	<10	0.59	**21.2%**	<0.5
13270	0.04	3.3	29.2	1.14	588	1.36	0.05	<0.05	3.8	560	425	<0.001	<0.005	3.7	<0.001	1.28	6.51	6.2	3.1	<5	5.5	<0.01	0.14	6.2	<0.01	0.04	1.02	75	<10	3.9	6970	1.1
13271	0.06	1.2	0.4	0.02	97	0.92	<0.01	0.12	4.2	80	1235	<0.001	0.008	2.1	<0.001	9.68	8.7	0.2	43.8	28	2.1	<0.01	3.9	0.4	<0.01	0.03	0.05	<1	<10	0.92	2190	<0.5
13272	0.04	0.4	0.1	0.01	1230	0.22	<0.01	0.12	8.1	30	2170	0.001	0.009	1.4	<0.001	9.48	43.3	0.1	95.7	37	2	<0.01	2.02	<0.2	<0.01	0.07	<0.05	<1	<10	0.37	81100	<0.5
13273	0.06	8.7	15.5	0.99	709	2.46	0.2	0.25	21.2	610	57.6	0.001	0.005	3.3	0.001	0.6	1.72	2.7	0.7	<5	58.7	<0.01	0.04	4	0.13	0.04	0.44	43	<10	7.47	321	1.4
13274	0.14	4.7	22	0.79	303	0.96	0.24	0.35	5.5	690	22	<0.001	<0.005	6.6	<0.001	0.74	0.69	2.2	0.5	10	154	<0.01	0.02	1.3	0.11	0.05	0.26	27	10	5.32	214	2.8
13266	<0.01	0.8	1.4	0.26	1570	0.75	<0.01	0.15	18.9	200	157.5	0.001	<0.005	0.4	0.001	5.03	1.28	0.9	44.3	9	83.3	<0.01	14.2	0.3	0.03	0.02	0.18	7	<10	1.32	87200	1.4
13267	0.03	1.1	2.5	0.04	3430	2.49	<0.01	0.12	8.3	40	**13.95%**	<0.001	0.008	1.9	0.003	>10	2220	0.7	25.4	61	39.6	<0.01	1.56	0.2	<0.01	0.57	0.33	<1	<10	0.44	**16.2%**	1.1
13268	0.08	0.6	3.5	0.09	4180	4.42	<0.01	0.12	9.7	140	74100	<0.001	<0.005	4.8	0.002	>10	1135	1	15.1	35	293	<0.01	0.14	1.1	0.01	0.37	0.5	3	<10	0.68	**11.1%**	2.5
13333	0.01	2.4	18.2	0.95	3730	2.33	<0.01	0.4	21.4	320	128.5	0.002	<0.005	1.1	0.001	5.48	1.28	2.4	47.5	9	66.5	<0.01	0.94	1.3	0.09	0.09	0.2	33	<10	6.36	**10.6%**	2.8
13357	0.02	3.9	27.5	1.59	2350	1.56	<0.01	0.09	25.3	500	401	<0.001	<0.005	1.7	<0.001	0.83	1.26	3.6	7.9	<5	204	<0.01	0.91	1.8	0.14	0.11	0.35	47	<10	6.06	15500	3.9
13358	0.17	3.9	29.2	1.13	341	1.06	0.31	0.1	6.4	890	26.5	<0.001	0.006	12.8	<0.001	0.96	0.72	3.2	0.6	<5	102	<0.01	0.04	0.6	0.15	0.16	0.11	51	<10	4.37	216	1.8
13350	<0.01	0.7	0.7	0.04	2070	0.4	<0.01	0.24	19	190	2230	0.001	0.006	0.4	<0.001	9	3.27	0.9	89	26	36.1	0.01	13.1	0.4	0.04	0.17	0.14	2	<10	1.02	**20.4%**	1.8
13359	<0.01	0.8	0.7	0.15	1415	0.52	<0.01	0.14	6.8	220	1475	<0.001	0.005	0.3	<0.001	6.26	0.91	0.7	42.8	11	15.2	<0.01	8.22	0.5	0.05	0.19	0.12	3	<10	1.04	**10.65%**	2.2
13360	0.01	1.7	1.3	0.16	1355	1.22	<0.01	0.37	20.5	350	5810	0.001	0.006	0.4	<0.001	5.96	2.19	1.5	49.2	17	40.9	<0.01	5.72	1	0.09	0.15	0.21	14	<10	3.02	78000	2.8
13361	<0.01	4.2	6.1	1.24	5840	1.3	<0.01	0.06	19.8	230	89	0.002	0.005	0.2	<0.001	6.83	0.66	1.8	50.8	12	64	<0.01	4.53	1.7	0.04	0.03	0.29	20	<10	5.56	**12.9%**	1.5