

ALASKAN GEOLOGY BRANCH  
TECHNICAL DATA FILE

Table 13. Rare element content in parts per million of selected stream sediments, western Seward Peninsula

[Analysts: U. S. Geological Survey, see footnotes]

Lab No.	Sample No.	Location	1/ Be	2/ Be	3/ Sn	2/ Sn	2/ W	4/ W	2/ Cu	2/ Pb	5/ Zn	2/ As	2/ Nb	2/ B	2/ Li
284581	60-ASn-17	Camp Creek, Lost River area	120	70	80	70	40	40	15	70	0	0	0	300	1500
284582	60-ASn-18	Camp Creek, Lost River area	160	100	140	200	70	70	15	70	0	0	0	200	1000
284591	60-ASn-30	Tin Creek, Lost River area	15	5	50	50	<10	<10	10	70	0	0	0	0	0
284592	60-ASn-31	Lost River	<3	0	<10	0	<10	<10	7	d <sup>6/</sup>	0	0	0	0	0
284595	60-ASn-34	Camp Creek, Lost River area	140	150	160	150	20	20	150	15	0	1500	0	100	0
284598	60-ASn-37	Lost River	41	30	1100	700	70	70	150	150	300	3000	0	150	3000
284603	60-ASn-42	Cassiterite Creek, Lost River area	<3	1.5	<10	0	<10	<10	10	15	0	0	0	0	0
284604	60-ASn-43	Cassiterite Creek, Lost River area	3	0	<10	0	<10	<10	7	0	0	0	0	0	0
284609	60-ASn-50	Lost River	<3	0	20	0	<10	<10	15	0	0	0	0	0	0
284610	60-ASn-51	Lost River	<3	0	20	0	<10	<10	7	0	0	0	0	0	0
284612	60-ASn-53	Lost River	<3	10	<10	300	<10	<10	30	70	0	0	0	100	300
284612	60-ASn-54	Mint River, southwest side of Brooks Mountain	16	15	100	150	20	20	30	70	0	0	0	150	150
284619	60-ASn-61	Crystal Creek, a tributary of Lost River	12	15	110	150	<10	<10	30	150	0	0	15	150	150
284632	60-ASn-81	Boulder Creek, Cape Mountain area	10	15	40	15	10	<10	15	30	0	0	d	15	15
284638	60-ASn-87	Small stream, southwest side of granite, Cape Mountain area	9	15	40	15	<10	10	30	30	0	0	15	15	150
284648	60-ASn-97	Quartz Creek, Ear Mountain area	10	7	50	70	<10	<10	30	30	0	0	15	700	150
284665	60-ASn-116	Krueger Creek, Ear Mountain area	3	0	10	15	<10	<10	30	d	0	0	0	150	0

1/ Direct reading spectrograph, by Charles Annell and Harold Westley.

2/ Semiquantitative spectrographic analyses by John C. Hamilton, R. G. Havens, and Barbara Tobin.

3/ Tin determined spectrophotometrically by dithiol method after separation of tin by distillation, by Dorothy Ferguson and Claude Huffman.

4/ Tungsten determined spectrophotometrically by Dorothy Ferguson and Claude Huffman.

5/ 0 means only below detection limit of 200 ppm, in semiquantitative spectrographic analyses.

6/ d = barely detected, concentration uncertain.