

Table 3.

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ANALYSES OF STREAM SEDIMENT SAMPLES FROM THE YAKUTAT QUADRANGLE, ALASKA

Analyses by semiquantitative spectrographic methods except for gold, which was analyzed by atomic absorption methods. Analysts: J. Curry, W. Campbell, L. Martinez, R. Miller, S. Rikard, R. Ripp, and J. Viets.

Remarks: Fe, Mg, Ca, and Ti are reported in percent; all other elements in parts per million. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, and so forth. G = greater than 10 percent or greater than the value shown. N = not detected at limit of detection or at value shown. L = detected, but below limit of determination or below value shown. Looked for but not found: As, Bi, Cd, Sb, W.

U. All are stream sediment samples except 67Apr-76C, which is a black beach sand.

Sample No.	Au	PERCENT				Mn	Ag	P	Ba	Be	Ca	Cr	Cu	Li	Mo	Ni	Nb	Pb	Se	Sn	Sr	V	Y	Zn	Zr
		Fe	Mg	Ca	Ti																				
67Apr-76B	N(0.2)	7	7	5	3	700	N	N	N	N	20	150	170	N	N	N	100	15	70	20	70	300	20	N	70
-76C	0.5	7	7	5	3	1500	N	N	N	15	300	30	30	N	15	70	10	15	15	30	1000	30	N	1500	
67Apr-76A	L(0.1)	7	1.5	1.5	.3	700	N	30	700	1	10	70	20	20	N	15	50	15	10	N	300	150	10	N	150
-76E	L(0.1)	3	1.5	1.5	.3	300	N	30	700	1	10	70	20	L	N	15	30	15	10	N	500	150	10	N	200
-76F	L(0.2)	3	1.5	1.5	.5	500	N	30	700	1	15	70	15	30	L	15	30	10	15	N	500	150	20	N	100
-76G	L(0.1)	5	2	1.5	.5	700	N	70	700	1	15	100	30	30	L	15	50	15	15	N	300	150	30	L	150
-76H	L(0.1)	3	1.5	1.5	.3	700	N	30	700	1	10	70	10	20	N	10	30	10	15	N	300	100	15	L	100
-76I	L(0.1)	7	2	2	.5	700	N	30	700	L	15	70	20	L	N	10	70	L	15	N	300	150	15	N	100
-76J	L(0.1)	15	5	5	1	1000	N	30	700	L	50	300	200	20	L	30	150	30	30	N	500	300	30	L	300
-76K	L(0.1)	2	1	1.5	.15	700	N	N	700	1	10	30	15	50	N	L	20	15	7	N	200	50	15	L	100
-76L	L(0.1)	10	3	3	.7	1500	N	L	500	L	20	200	30	L	L	20	70	10	30	N	300	150	30	L	70
-76M	L(0.1)	3	1.5	1.5	.3	700	N	30	700	1	10	70	10	L	N	10	30	L	15	N	300	150	15	L	70
-76N	L(0.1)	3	1.5	1.5	.3	700	N	30	700	1	10	70	20	L	L	10	30	L	15	N	300	150	15	L	70
-76O	L(0.1)	15	5	5	1	2000	N	N	70	N	70	200	200	N	L	L	100	L	50	N	300	300	30	L	200
-76P	L(0.1)	5	1	2	.5	700	N	15	500	1.5	9	30	10	20	N	L	15	10	7	N	L	150	15	N	300
-76Q	L(0.1)	7	2	3	.7	2000	N	N	300	N	10	150	30	20	N	L	30	L	20	N	300	200	30	N	150
-76R	L(0.1)	10	3	5	.7	2000	N	10	700	N	15	200	50	50	N	L	70	L	30	N	700	300	50	N	300
CRAMK-4	L(0.1)	5	1.5	1.5	.5	700	N	50	1000	1.5	15	70	70	50	N	15	50	30	15	V	300	150	30	L	300
-5	L(0.1)	5	1.5	1.5	.5	700	N	30	1000	1.5	15	70	20	70	N	10	50	15	15	N	500	150	30	L	200
-6	L(0.1)	5	1.5	1	.3	700	N	50	700	1.5	15	70	70	50	N	10	50	30	15	N	300	100	30	L	200
-7	L(0.1)	5	1.5	.7	.5	500	N	30	1000	1	10	70	30	70	N	10	50	20	15	N	300	150	30	L	200
-8	L(0.1)	5	1.5	.7	.3	300	N	30	1000	1	15	70	20	30	N	10	50	20	15	N	300	150	20	L	70
-9	L(0.1)	7	1.5	1	.5	1000	N	50	1000	1	15	70	70	20	N	10	50	15	15	N	200	150	30	L	100
-10	L(0.1)	7	1.5	.7	.5	700	N	50	500	1	15	150	30	20	N	10	50	15	15	N	200	150	30	L	100
-11	L(0.1)	5	1.5	1.5	.3	700	N	30	1000	1	15	70	30	30	N	10	50	15	15	N	300	150	30	L	70
-12	L(0.1)	5	1	.5	.3	700	N	50	700	1	10	150	15	30	N	10	L	15	15	N	300	150	20	L	70
-13	L(0.1)	7	1.5	1.5	.5	700	N	70	700	1	15	70	150	30	N	10	50	30	20	N	200	150	30	L	300
-14	L(0.1)	15	2	1.5	.7	1500	N	150	1500	L	30	150	150	20	L	10	70	30	30	N	300	200	30	300	200
-15	L(0.1)	7	1.5	.7	.7	700	N	70	1000	L	20	150	70	20	L	15	50	15	20	N	100	150	30	L	100
-16	L(0.1)	10	2	1	.5	700	N	50	700	L	15	100	70	L	L	10	50	L	15	N	100	150	20	L	70
-17	L(0.1)	10	2	1	.7	1500	N	100	1500	1	30	150	150	20	5	15	70	15	30	N	200	200	30	200	150
-18	L(0.1)	10	1.5	.7	.7	700	N	70	1000	L	20	150	70	20	L	15	70	15	20	N	100	150	30	L	150
-19	L(0.1)	10	2	.7	.7	1000	N	70	1000	1	15	100	150	30	L	15	70	15	20	N	300	200	30	L	200
-20	.04	7	1.5	.2	.5	700	N	30	700	L	15	150	70	20	L	10	50	15	15	N	300	150	30	L	150
-21	L(0.1)	15	2	.7	.7	1000	N	70	1000	1	15	150	100	20	L	15	70	15	20	N	300	150	30	L	200
-22	L(0.1)	15	2	1	.7	1000	N	70	1000	L	15	150	70	20	N	10	70	15	30	N	300	200	30	L	200
-23	L(0.1)	15	2	1.5	.7	700	N	50	1000	1	15	150	70	20	N	10	70	15	20	N	300	150	30	L	200
-24	L(0.1)	10	1.5	2	.7	700	N	30	700	1	10	70	100	70	N	15	30	L	15	N	300	150	30	L	300
-25	L(0.1)	15	3	3	.7	1000	N	30	1500	L	15	100	100	20	L	15	70	30	15	N	300	200	30	L	300
-26	L(0.1)	10	1.5	2	.7	700	N	30	700	L	15	70	70	20	N	15	50	10	15	N	300	150	20	N	150
-27	L(0.1)	10	1.5	2	1	2000	N	20	500	L	10	70	20	20	N	L	30	L	20	N	300	150	30	L	300
-28	L(0.1)	5	1.5	1.5	.5	700	N	10	300	1	15	70	30	20	N	10	30	10	L	N	300	150	20	L	70
-29	L(0.1)	5	1.5	1.5	.3	500	N	L	300	1	15	70	20	20	N	10	30	15	15	N	300	100	15	L	70
-30	L(0.1)	7	1.5	1.5	.3	700	N	N	300	L	10	70	15	20	N	L	30	10	15	N	300	150	30	L	100
-31	L(0.1)	3	.3	1.5	.15	700	N	30	150	1	7	20	7	20	N	L	10	15	7	N	500	30	10	L	100
-32	L(0.1)	5	1.5	2	.3	700	N	10	700	1	15	20	30	20	N	10	30	10	15	N	500	100	20	L	100
-33	.02	10	2	3	.7	700	N	20	700	L	20	150	30	20	N	15	70	10	30	N	300	150	30	N	300
-34	L(0.1)	10	3	3	.5	700	N	10	500	L	15	70	100	L	N	L	70	10	20	N	300	200	10	N	200
-35	L(0.1)	15	3	3	.7	1500	N	15	700	L	20	150	100	20	N	L	70	10	30	N	300	200	30	N	150
-36	L(0.1)	5	1.5	3	.3	700	N	10	300	1	15	70	30	20	N	10	50	10	20	N	300	150	20	N	70
-37	L(0.1)	5	1.5	1.5	.3	700	N	30	700	1.5	10	100	10	30	N	10	30	10	15	N	500	150	20	N	300
-38	L(0.1)	3	1.5	1	.15	300	N	30	500	1.5	10	70	10	30	N	10	50	L	15	N	500	100	15	N	100
-39	L(0.1)	5	1.5	1	.15	500	N	30	500	L	15	100	20	30	N	10	50	10	15	N	300	100	30	L	100
-40	L(0.1)	5	2	2	.3	700	N	70	500	L	15	200	50	20	N	L	70	10	20	N	200	200	30	L	300
-41	L(0.1)	7	1.5	1	.2	500	N	20	700	L	15	100	30	30	N	L	50	10	20	N	200	150	20	L	70
-42	L(0.1)	2																							