

Table 1.--Semi-quantitative spectrographic analyses and gold analyses of stream-sediment samples from southeastern Douglas Island, southeastern Alaska

Analysts: G. J. Curry, R. E. Martinez, R. L. Miller, M. Oliver, and R. B. Tripp. Analyses, unless noted, are semi-quantitative spectrographic and are reported in the series 0.1, 0.15, 0.2, 0.3, 0.5, 0.7, 1.0, 1.5, and so on, or by the following symbols: N = not detected; L = detected but below limit of detectability; < = less than; limits of detectability are given at the end of the table.

Table 1

No.	Lab. No.	Field No.	Parts per million																												Percent			
			Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu	La	Mo	Mn	Nb	Ni	Pb	Sb	Se	Sn	Sr	V	W	Y	Zn	Zr	P	Mg	Ca	Ti		
1	AGB 262	68ABJ 4235	N	N	<0.02	30	300	L	N	N	20	150	150	L	L	1000	L	50	10	N	30	N	500	200	N	20	L	70	15	3	3	0.7		
2	AGB 263	68ABJ 4285	N	N	<0.02	30	300	L	N	N	15	150	150	L	N	1000	L	50	20	N	20	N	700	200	N	10	L	150	5	3	3	0.7		
3	AGB 264	68ABJ 4295	N	N	<0.02	30	500	N	N	N	20	150	200	20	N	2000	L	70	150	N	30	N	700	300	N	20	L	150	5	3	5	0.7		
4	AGB 265	68ABJ 4305	N	N	<0.04	30	300	N	N	N	20	150	150	L	L	2000	L	50	15	N	50	N	700	300	N	20	L	200	5	3	5	1.0		
5	AGB 266	68ABJ 4315	N	N	<0.02	30	700	N	N	N	15	70	100	20	L	2000	L	50	100	N	15	N	700	300	N	15	200	200	10	2	3	0.7		
6	AGB 267	68ABJ 4325	N	N	<0.02	30	300	L	N	N	20	150	100	L	N	1500	10	50	20	N	20	N	700	300	N	15	L	70	15	3	3	0.7		
7	AGB 268	68ABJ 4375	N	N	<0.02	30	700	L	N	N	20	150	100	20	L	1000	10	50	30	N	20	N	700	200	N	30	L	100	7	3	3	0.5		
8	ACF 506	68AFD 125	N	N	<0.02	100	500	L	N	N	50	100	70	20	N	1500	L	100	30	N	30	N	1000	700	N	30	L	200	15	7	7	0.7		
9	ACF 515	68AFD 545	N	N	<0.02	50	1000	L	N	N	50	150	70	30	N	1000	10	70	15	N	50	N	1000	700	N	50	N	300	15	5	7	0.1		
10	ACF 521	68ABJ 585	N	N	0.1	70	300	1.5	N	N	70	150	100	30	N	2000	10	100	70	N	30	N	300	500	L	50	N	70		3	3	0.5		
11	ACF 522	68ABJ 595	N	N	<0.02	70	200	1	N	N	100	150	200	N	N	3000	10	70	100	N	30	N	300	500	L	50	L	70	5	5	2	0.5		
12	ACF 523	68ABJ 605	N	N	0.02	100	500	1	N	N	100	300	200	20	N	5000	L	70	100	N	50	N	300	500	L	50	500	100	15	5	2	0.7		
13	ACF 524	68ABJ 615	N	N	1.0	200	200	L	N	N	70	70	100	N	N	1500	L	20	20	N	30	N	100	500	L	20	700	70	5	1.5	1	0.7		
14	ACF 525	68ABJ 655	L	N	0.3	200	300	1	N	N	70	70	500	N	L	2000	L	15	200	N	20	N	700	300	L	50	L	70	5	2	1	0.3		
15	ACF 526	68ABJ 665	L	N	0.2	100	300	1	N	N	100	50	500	20	N	5000	L	15	200	N	30	N	300	500	N	50	200	70	15	2	2	0.3		
16	ACF 527	68ABJ 685	N	N	0.1	300	500	L	N	N	100	100	300	20	L	5000	L	30	200	N	30	N	500	500	L	70	1000	100	15	3	1	0.5		
17	ACF 528	68ABJ 715	L	N	0.2	200	300	L	N	N	70	70	200	N	L	5000	L	20	200	N	15	N	500	500	N	30	1000	70	15	3	1.5	0.5		
18	ACF 529	68ABJ 725	L	N	3.4	100	300	L	N	N	50	15	200	N	N	5000	L	5	500	N	15	N	150	500	N	15	3000	100	10	1.5	0.7	0.5		
19	ACF 530	68ABJ 735	7	N	0.3	200	200	L	N	N	70	70	700	N	N	5000	L	20	500	N	20	N	200	300	N	20	700	70	15	3	1.5	0.7		
20	ACF 531	68ABJ 745	N	N	0.2	500	500	L	N	N	15	50	300	N	N	5000	L	15	100	N	15	N	300	300	N	20	1000	100	10	1.5	1	0.5		
21	ACF 532	68ABJ 755	N	N	<0.02	30	300	L	N	N	70	70	200	N	N	2300	L	15	15	N	20	N	500	500	N	30	200	100	15	3	1.5	0.5		
22	ACF 533	68ABJ 775	L	N	2.0	200	150	1	N	N	70	50	200	N	N	2000	L	20	200	N	20	N	500	500	L	20	700	70	15	1.5	2	0.5		
23	ACF 534	68ABJ 795	L	N	0.3	200	200	1	N	N	50	50	200	N	N	2000	L	20	200	N	20	N	500	500	N	30	700	70	10	2	1.5	0.5		
24	ACF 507	68AFD 155	L	N	0.7	200	300	L	N	N	70	700	200	L	N	1500	10	50	150	N	30	N	700	700	N	50	500	150	20	3	1.7	0.7		
25	ACF 491	68ABJ 545	N	N	<0.04	15	200	L	N	N	100	700	70	N	N	1500	L	100	15	N	100	N	1000	700	N	30	N	70	20	7	10	0.7		
26	ACF 490	68ABJ 505	N	N	<0.02	20	200	1	N	N	70	200	70	L	N	1000	L	70	15	N	50	N	700	500	N	20	N	70	15	5	7	0.3		
27	ACF 489	68ABJ 495	N	N	<0.02	20	150	L	N	N	70	300	100	N	N	1500	L	70	15	N	50	N	700	500	N	20	N	70	15	7	10	0.3		
28	ACF 488	68ABJ 475	N	N	<0.04	20	200	L	N	N	100	500	150	N	N	2000	L	100	10	N	70	N	1500	700	N	50	N	100	15	7	10	0.7		
29	ACF 487	68ABJ 455	L	N	0.3	50	300	1	N	N	20	150	100	L	N	1000	10	30	50	N	30	N	700	500	N	30	N	100	10	3	5	0.5		
30	ACF 486	68ABJ 435	N	N	<0.02	30	500	1	N	N	70	300	100	L	N	1500	15	100	15	N	50	N	1000	500	N	30	N	100	15	5	7	0.7		
31	ACF 513	68AFD 265	N	N	<0.02	20	500	L	N	N	70	500	100	N	N	2000	L	150	L	N	50	N	2000	700	N	30	N	70	25	5	10	1		
32	ACF 512	68AFD 245	N	N	<0.02	30	700	L	N	N	70	300	100	N	N	1500	L	150	L	N	100	N	2000	700	N	30	N	200	15	5	10	1		
33	ACF 511	68AFD 225	N	N	<0.02	15	150	L	N	N	100	500	100	N	N	2000	L	100	L	N	100	N	1500	1000	N	30	N	100	20	7	10	1		
34	ACF 510	68AFD 185	N	N	<0.04	30	500	L	N	N	100	700	70	N	N	2000	10	150	15	N	50	N	500	500	N	30	N	500	10	3	7	0.7		
35	ACF 509	68AFD 175	N	N	<0.02	30	500	L	N	N	70	500	70	N	N	2000	L	100	20	N	50	N	1000	500	N	30	N	100	10	5	7	0.5		
36	ACF 508	68AFD 165	N	N	0.04	50	700	L	N	N	70	1000	70	N	N	1500	10	150	15	N	20	N	700	300	N	30	N	70	10	3	5	0.5		

Limits of detectability

	.5	200	.02	10	20	1	10	20	5	5	5	20	5	10	10	5	10	100	10	100	10	50	10	200	1	.05	.02	.05	.002
--	----	-----	-----	----	----	---	----	----	---	---	---	----	---	----	----	---	----	-----	----	-----	----	----	----	-----	---	-----	-----	-----	------

Atomic absorption

69-23