Property of
DGGS LIBRARY

OF 67-151

Table 7.--Analyses of stream sediment samples, Mt. Merriam area

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSES (parts per million)

Loc. (fig.14)	LAB. No.	FIELD No.	THM[1] (ppm)	Ag	B	Ba	Co	Cr	Cu	Fe	La	Mn	Mo	Ni	Pb	Sc	Sn	Sr	Ti	V	Y	Zr	
1	D124252	66Bd264	40	0	0	180	17	90	38	49,000	31	1000	7	24	0	23	0	600	4200	260	28	100	
2	D124282	Ov861	40	0	0	200	7	71	25	27,000	48	400	10	17	0	18	0	1400	1900	120	34	100	
3	D124250	Bd262	160	0	0	160	13	69	27	32,000	42	200	11	30	0	19	0	1600	2300	210	30	120	
4	D124251	Bd263	80	0	0	160	9	74	30	26,000	36	600	8	17	0	18	0	1000	2000	130	31	81	
5	D124281	Ov859	20	0	0	130	7	69	25	35,000	51	500	7	20	0	17	0	420	3300	150	61	240	
6	D124512	Bd334	40	0	0	210	13	86	28	34,000	38	400	12	20	0	20	0	1300	3700	180	37	110	
7	D124511	Bd333	40	0	0	200	11	87	30	37,000	48	600	8	20	4	17	0	330	4900	150	47	250	
8	D124510	Bd332	80	0	0	110	9	43	16	15,000	45	600	15	15	0	16	0	600	1000	88	29	66	
9	D124280	Ov858	180	0	0	130	3	36	13	14,000	48	570	14	15	7	18	0	590	1000	86	30	60	
10	D124299	Bd261	120	0	0	270	9	77	45	27,000	30	700	6	23	13	18	0	340	2700	160	32	120	1Be
11	D	Ov857	40	Lost																			
12	D124247	Bd259	40	0	0	150	9	53	29	29,000	30	600	7	20	4	16	0	300	2200	110	40	90	
13	D124248	Bd260	200	0	0	90	4	38	15	11,000	41	480	12	15	0	16	0	440	740	78	31	60	1Be
14	D124279	Ov856	120	0	0	200	6	56	21	23,000	60	630	19	24	0	17	0	1700	1200	150	26	73	
15	D124238	Bd250	40	0	0	190	17	43	24	52,000	39	1200	11	12	5	24	0	590	4500	360	30	170	
16	D124268	Ov844	120	0	0	280	14	75	46	60,000	37	1000	9	20	0	23	0	800	5700	390	29	140	
17	D124267	Ov843	40	0	0	250	11	60	25	51,000	42	800	10	16	0	21	0	1200	4000	290	29	120	
18	D124276	Ov853	120	0	0	140	13	60	25	56,000	45	1000	12	20	4	23	0	600	4100	440	36	100	
19	D124424	Fd117	40	0	0	130	12	100	39	33,000	32	700	7	20	0	15	0	300	3300	130	0	100	
20	D124423	Fd116	120	0	0	600	19	44	21	32,000	47	500	16	16	0	23	0	520	2800	100	30	83	
21	D124422	Fd115	40	1	0	70	11	60	18	25,000	48	300	16	17	0	19	0	590	5300	100	28	76	
22	D124239	Bd251	80	0	0	200	14	60	30	46,000	39	1100	10	17	0	21	0	610	3900	300	26	130	
23	D124269	Ov845	120	0	0	840	8	84	48	41,000	43	500	8	30	5	18	0	1100	2800	490	23	95	
24	D124240	Bd252	40	0	0	240	17	46	34	59,000	41	1100	9	16	0	24	0	770	4500	300	30	110	
25	D124241	Bd253	20	0	0	300	14	50	23	63,000	44	1100	9	15	0	25	0	510	6400	380	37	360	

[1] Total heavy metals (Cu + Pb + Zn) field test

— = Not looked for

Table 7.--Analyses of stream sediment samples, Mt. Merriam area--continued

Loc. (fig.14)	Lab. No.	Field No.	THM[1] (ppm)	Ag	B	Ba	Co	Cr	Cu	Fe	La	Mn	Mo	Ni	Pb	Sc	Sn	Sr	Ti	V	Y	Zr	
				SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSES (parts per million)																			
26	D124270	66 Ov846	40	0	0	150	14	69	38	43,000	38	500	9	27	0	20	0	1500	3400	220	23	99	
27	D124266	Ov842	20	0	0	500	4	19	10	48,000	33	700	6	7	4	12	0	490	3900	160	17	100	
28	D124237	Bd249	40	0	0	300	15	38	21	57,000	26	1000	7	15	6	20	0	600	4000	220	23	95	
29	D124272	Ov848	40	0	0	300	11	59	32	57,000	46	900	10	20	0	24	0	1000	5400	390	33	150	
30	D124271	Ov847	40	0	0	140	10	60	30	34,000	42	400	11	20	0	18	0	3300	2400	140	25	86	
31	D124242	Bd254	100	0	0	290	6	81	39	32,000	37	400	8	29	0	16	0	880	2000	210	23	90	1 Be
32	D124273	Ov849	120	0	0	360	9	110	48	45,000	43	600	9	30	0	19	0	1600	3100	290	24	100	
33	D124274	Ov851	120	0	0	300	5	74	50	37,000	45	600	8	18	0	18	0	1800	2600	170	20	87	1 Be
34	D124244	Bd256	160	0	0	130	20	73	36	56,000	44	900	13	38	5	28	0	820	5300	570	32	100	
35	D124245	Bd257	100	0	0	130	17	64	30	48,000	47	1000	12	21	0	24	0	600	4200	390	35	96	
36	D124277	Ov854	200	0	0	210	7	68	28	28,000	50	300	10	26	0	17	0	1000	1800	210	23	83	
37	D124509	Bd330	40	0	0	230	10	62	27	26,000	32	950	9	19	0	16	0	600	1900	120	19	67	
38	D124246	Bd258	120	0	0	230	13	81	42	38,000	37	600	8	29	0	20	0	580	3000	240	23	85	
39	D124278	Ov855	40	0	0	170	14	61	26	38,000	40	500	10	25	6	22	0	650	3200	310	29	100	
40	D124275	Ov852	120	0	0	450	9	67	35	40,000	31	500	8	28	6	16	0	990	2400	180	19	89	
41	D124243	Bd255	120	0	0	120	8	60	29	15,000	38	610	8	19	13	15	0	280	1000	94	24	50	
	D124405	Hx285	80	0	0	60	3	30	16	13,000	38	450	8	11	10	10	0	300	720	60	13	44	
42	D124255	Bd267	20	0	0	300	7	68	16	49,000	31	1000	7	24	0	23	0	590	3400	250	26	160	
do	D124408	Hx293	20	0	0	300	8	75	31	36,000	36	800	6	15	0	17	0	660	3300	190	0	150	
43	D124421	Fd114	60	0	0	180	15	74	26	42,000	45	1000	12	23	10	24	0	690	5300	310	36	120	1 Be
44	D124407	Hx292	20	0	0	290	6	59	22	34,000	27	700	5	13	0	14	0	600	3400	150	6	110	
45	D124406	Hx287	60	0	0	200	5	60	17	21,000	31	690	7	14	0	12	0	300	1400	120	14	110	
46	D124404	Hx284	40	0	0	220	8	49	28	31,000	35	500	8	17	0	15	0	690	2000	160	14	75	
47	D124403	Hx282	100	0	0	190	0	76	49	10,000	0	300	6	13	0	9	0	3100	830	140	0	36	1 Be
48	D124395	Hx273	30	0	0	330	8	67	31	61,000	37	900	6	18	0	17	0	990	4300	210	20	120	

[1] Total heavy metals (Cu + Pb + Zn) field test

– = Not looked for