

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Latitude			Longitude			Latitude dec. deg.	Longitude dec. deg.		
		deg.	min.	sec.	deg.	min.	sec.				
C-132069	99HMB3S	40	41	45	N	118	5	21	W	40.69583	-118.08917
C-132070	99HMB5S	40	26	49	N	118	18	36	W	40.44694	-118.31000
C-132071	99RYP1S	40	41	12	N	118	15	2	W	40.68667	-118.25056
C-132072	99RYP2S	40	42	21	N	118	17	53	W	40.70583	-118.29806
C-132073	D9RYP2S	40	42	21	N	118	17	53	W	40.70583	-118.29806
C-132074	99RYP3S	40	39	0	N	118	21	3	W	40.65000	-118.35083
C-132075	99RYP4S	40	37	27	N	118	21	4	W	40.62417	-118.35111
C-132076	99RYP5S	40	34	35	N	118	19	7	W	40.57639	-118.31861
C-132077	99BJK1S	40	31	5	N	118	13	16	W	40.51806	-118.22111
C-132078	99BJK2S	40	31	15	N	118	13	27	W	40.52083	-118.22417
C-132079	99BJK3S	40	31	32	N	118	14	14	W	40.52556	-118.23722
C-132080	99PERS1	40	7	58	N	118	10	32	W	40.13278	-118.17556
C-132081	99PERS2	40	7	59	N	118	10	27	W	40.13306	-118.17417
C-132082	99ANTS1	40	9	38	N	118	10	24	W	40.16056	-118.17333
C-132083	99ANTS2	40	9	25	N	118	10	16	W	40.15694	-118.17111
C-132084	99CAHS1	41	21	0	N	117	28	7	W	41.35000	-117.46861
C-132085	99CAHS2	41	21	18	N	117	28	4	W	41.35500	-117.46778
C-132086	99BCKS1	41	21	35	N	118	18	40	W	41.35972	-118.31111
C-132087	99GLBS1n	40	29	5	N	117	40	47	W	40.48472	-117.67972
C-132088	99GLBS2n	40	29	26	N	117	41	4	W	40.49056	-117.68444
C-132089	D9GLBS2n	40	29	26	N	117	41	4	W	40.49056	-117.68444
C-132090	99GLBS3s	40	26	42	N	117	40	20	W	40.44500	-117.67222
C-132091	99GLBS4s	40	26	12	N	117	39	29	W	40.43667	-117.65806
C-132092	99SLVS1	41	3	4	N	116	37	27	W	41.05111	-116.62417
C-132093	99SLVS2	41	1	51	N	116	36	33	W	41.03083	-116.60917
C-132094	99PERore	40	8	1	N	118	10	13	W	40.13361	-118.17028
C-132095	99PERox1	40	8	1	N	118	10	13	W	40.13361	-118.17028
C-132096	99PERfg1	40	8	1	N	118	10	13	W	40.13361	-118.17028
C-132097	99PERst1	40	7	58	N	118	10	21	W	40.13278	-118.17250
C-132098	99ANTore	40	9	55	N	118	10	40	W	40.16528	-118.17778
C-132099	99BJKcn1	40	31	19	N	118	12	38	W	40.52194	-118.21056
C-132100	99BJKox1	40	31	19	N	118	12	38	W	40.52194	-118.21056
C-132101	99DFLore	41	10	38	N	117	29	22	W	41.17722	-117.48944
C-132102	99CAHore	41	20	53	N	117	27	43	W	41.34806	-117.46194
C-132103	99CAHor2	41	20	53	N	117	27	43	W	41.34806	-117.46194
C-132104	99BCKore	41	21	38	N	118	18	55	W	41.36056	-118.31528
C-132105	99GLBore	40	28	57	N	117	40	40	W	40.48250	-117.67778
C-132106	99McDore	41	54	58	N	117	48	36	W	41.91611	-117.81000
C-132107	99SLVore	41	3	12	N	116	37	30	W	41.05333	-116.62500

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Au-AAS µg/g	Hg-CVAAS µg/g	Ag-ICP10 µg/g	As-ICP10 µg/g	Au-ICP10 µg/g	Bi-ICP10 µg/g	Cd-ICP10 µg/g
C-132069	99HMB3S	<0.005	0.05	<0.08	4.0	<0.1	<1	0.25
C-132070	99HMB5S	<0.005	0.5	<0.08	9.0	0.2	<1	0.28
C-132071	99RYP1S	<0.005	0.15	<0.08	10	<0.1	<1	0.21
C-132072	99RYP2S	<0.005	0.05	<0.08	4.0	0.1	<1	0.18
C-132073	D9RYP2S	<0.005	0.06	<0.08	6.0	<0.1	<1	0.22
C-132074	99RYP3S	<0.005	0.07	<0.08	11	<0.1	<1	0.23
C-132075	99RYP4S	0.006	0.09	<0.08	10	<0.1	<1	0.39
C-132076	99RYP5S	<0.005	0.09	<0.08	8.0	<0.1	<1	0.26
C-132077	99BJK1S	0.135	1.7	0.30	52	0.1	<1	3.4
C-132078	99BJK2S	0.046	1.4	0.20	47	<0.1	<1	3.0
C-132079	99BJK3S	0.024	0.87	0.30	63	<0.1	<1	4.6
C-132080	99PERS1	0.065	26	0.10	85	<0.1	<1	1.7
C-132081	99PERS2	0.030	12	<0.08	53	<0.1	<1	1.2
C-132082	99ANTS1	0.026	30	0.90	99	<0.1	<1	2.1
C-132083	99ANTS2	0.023	26	0.70	120	<0.1	<1	1.8
C-132084	99CAHS1	0.007	170	<0.08	51	<0.1	<1	0.39
C-132085	99CAHS2	0.008	2.0	<0.08	17	<0.1	<1	0.28
C-132086	99BCKS1	<0.005	1.6	<0.08	12	<0.1	<1	0.21
C-132087	99GLBS1n	0.009	2.6	<0.08	31	<0.1	<1	0.30
C-132088	99GLBS2n	<0.005	2.2	<0.08	33	<0.1	<1	0.27
C-132089	D9GLBS2n	0.008	3.6	<0.08	31	<0.1	<1	0.27
C-132090	99GLBS3s	<0.005	0.24	<0.08	17	<0.1	<1	0.21
C-132091	99GLBS4s	0.006	0.6	<0.08	14	0.1	<1	0.27
C-132092	99SLVS1	0.013	18	0.10	9.0	<0.1	<1	0.38
C-132093	99SLVS2	0.005	8.8	<0.08	5.0	<0.1	<1	0.26
C-132094	99PERore	0.076	15000	0.3	62	<0.1	<1	25
C-132095	99PERox1	0.046	330	0.2	4400	<0.1	<1	<0.05
C-132096	99PERfg1	0.766	7.2	<0.08	710	0.7	<1	0.05
C-132097	99PERst1	0.834	6.6	0.1	120	1.1	<1	4.3
C-132098	99ANTore	0.604	37	27	4500	0.8	<1	240
C-132099	99BJKcn1	0.026	89	0.3	400	<0.1	2	15
C-132100	99BJKox1	0.020	250	0.1	2200	0.2	8	2.0
C-132101	99DFLore	0.152	20	1	800	0.2	<1	0.70
C-132102	99CAHore	0.049	28000	0.3	26	<0.1	<1	0.29
C-132103	99CAHor2	0.008	380	0.1	11	<0.1	<1	<0.05
C-132104	99BCKore	0.015	780	<0.08	18	<0.1	<1	0.15
C-132105	99GLBore	0.012	740	0.1	7.0	<0.1	<1	<0.05
C-132106	99McDore	0.012	69000	<0.08	83	<0.1	<1	0.22
C-132107	99SLVore	0.016	82	<0.08	6.0	<0.1	<1	<0.05

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Cu-ICP10 µg/g	Mo-ICP10 µg/g	Pb-ICP10 µg/g	Sb-ICP10 µg/g	Zn-ICP10 µg/g	Al-ICP40 %	Ca-ICP40 %
C-132069	99HMB3S	10	0.2	8.0	<1	45	6.8	2.6
C-132070	99HMB5S	9.2	0.7	13	3	100	5.8	3.5
C-132071	99RYP1S	22	1.3	7.0	<1	37	6.9	4.0
C-132072	99RYP2S	11	0.6	7.0	<1	58	6.7	2.5
C-132073	D9RYP2S	13	0.5	8.0	<1	60	6.7	2.9
C-132074	99RYP3S	18	0.4	8.0	3	59	6.8	4.7
C-132075	99RYP4S	30	0.9	14	3	92	6.3	4.5
C-132076	99RYP5S	15	1.0	14	1	140	6.2	3.1
C-132077	99BJK1S	16	8.5	32	11	140	4.3	13
C-132078	99BJK2S	15	8.8	35	10	140	4.0	13
C-132079	99BJK3S	23	11	33	17	180	4.7	13
C-132080	99PERS1	21	1.1	100	120	210	6.6	5.5
C-132081	99PERS2	24	1.1	72	67	160	6.5	4.3
C-132082	99ANTS1	39	1.8	1600	190	210	6.2	6.9
C-132083	99ANTS2	42	1.5	920	220	200	6.4	8.2
C-132084	99CAHS1	37	1.3	18	76	73	42	15
C-132085	99CAHS2	26	0.8	14	17	73	6.6	1.9
C-132086	99BCKS1	31	0.6	9.0	4	52	7.9	2.1
C-132087	99GLBS1n	27	1.1	15	4	88	7.7	2.2
C-132088	99GLBS2n	24	1.1	15	4	84	7.3	2.9
C-132089	D9GLBS2n	25	1.1	14	4	86	7.9	3.1
C-132090	99GLBS3s	25	1.0	9.0	2	99	8.2	5.3
C-132091	99GLBS4s	27	0.9	10	2	90	8.2	4.2
C-132092	99SLVS1	17	0.8	13	<1	53	7.0	1.5
C-132093	99SLVS2	13	1.2	12	<1	84	7.5	1.8
C-132094	99PERore	28	0.4	230	450	430	0.2	20
C-132095	99PERox1	2.9	16	13	630	180	4.0	0.3
C-132096	99PERfg1	21	0.7	15	22	57	9.5	2.9
C-132097	99PERst1	15	0.8	110	150	>500	0.5	19
C-132098	99ANTore	<0.05	4.3	<1.0	>6000	<0.05	1.6	9.0
C-132099	99BJKcn1	47	39	120	63	>500	2.7	13
C-132100	99BJKox1	150	140	35	65	340	1.3	1.4
C-132101	99DFLore	27	2.9	30	8	73	6.6	0.1
C-132102	99CAHore	7.2	0.6	16	14	38	0.8	11
C-132103	99CAHor2	1.5	0.3	10	4	7.0	0.1	0.07
C-132104	99BCKore	100	0.7	8.0	2	100	7.2	4.7
C-132105	99GLBore	3.6	0.2	6.0	<1	2.3	0.2	0.07
C-132106	99McDore	3.2	2.0	6.0	490	3.2	0.2	0.03
C-132107	99SLVore	1.4	0.4	4.0	1	3.3	0.5	0.1

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Fe-ICP40 %	K-ICP40 %	Mg-ICP40 %	Na-ICP40 %	P-ICP40 %	Ti-ICP40 %	Ag-ICP40 µg/g
C-132069	99HMB3S	1.8	2.5	0.8	1.6	0.07	0.33	<2
C-132070	99HMB5S	11	1.7	1.0	1.5	0.11	1.2	<2
C-132071	99RYP1S	1.7	2.4	0.8	1.9	0.11	0.26	<2
C-132072	99RYP2S	3.1	2.4	0.8	1.7	0.10	0.74	<2
C-132073	D9RYP2S	2.8	2.4	1.0	1.6	0.08	0.59	<2
C-132074	99RYP3S	2.5	2.1	1.5	1.4	0.07	0.32	<2
C-132075	99RYP4S	3.4	1.8	1.2	1.2	0.06	0.34	<2
C-132076	99RYP5S	12	1.6	1.3	1.5	0.06	1.19	<2
C-132077	99BJK1S	2.1	1.3	0.8	0.8	0.17	0.26	<2
C-132078	99BJK2S	2.0	1.3	0.8	0.7	0.17	0.24	<2
C-132079	99BJK3S	2.3	1.5	0.8	0.8	0.22	0.26	<2
C-132080	99PERS1	2.8	2.0	2.0	1.0	0.07	0.34	<2
C-132081	99PERS2	2.9	1.7	1.9	0.7	0.07	0.32	<2
C-132082	99ANTS1	3.3	1.8	1.4	0.5	0.07	0.27	<2
C-132083	99ANTS2	3.8	1.9	1.6	0.6	0.07	0.29	<2
C-132084	99CAHS1	20	14	8.3	7.9	0.44	2.9	<2
C-132085	99CAHS2	2.5	2.1	1.0	1.4	0.06	0.39	<2
C-132086	99BCKS1	2.8	2.3	0.7	1.9	0.06	0.46	<2
C-132087	99GLBS1n	3.5	2.1	1.2	1.5	0.08	0.53	<2
C-132088	99GLBS2n	4.0	2.0	1.3	1.6	0.08	0.73	<2
C-132089	D9GLBS2n	4.4	2.1	1.5	1.7	0.10	0.81	<2
C-132090	99GLBS3s	7.0	1.4	2.3	1.8	0.15	1.7	<2
C-132091	99GLBS4s	5.0	2.0	1.9	2.2	0.13	0.87	<2
C-132092	99SLVS1	2.4	2.1	0.7	1.5	0.07	0.44	<2
C-132093	99SLVS2	3.7	2.7	0.8	1.6	0.06	0.77	<2
C-132094	99PERore	0.4	0.2	12	0.05	0.04	0.006	<2
C-132095	99PERox1	8.6	0.4	0.3	0.26	0.13	0.10	<2
C-132096	99PERfg1	3.7	3.2	1.4	0.21	0.08	0.41	<2
C-132097	99PERst1	0.7	0.2	12	0.13	0.03	0.03	<2
C-132098	99ANTore	12	0.3	0.6	0.05	0.04	0.04	28
C-132099	99BJKcn1	2.5	1.1	0.3	0.06	0.08	0.09	<2
C-132100	99BJKox1	20	1.4	0.1	0.11	0.82	0.04	<2
C-132101	99DFLore	4.7	2.9	0.2	0.10	0.03	0.26	<2
C-132102	99CAHore	0.5	0.38	6.3	0.009	0.02	0.02	<2
C-132103	99CAHor2	0.06	0.03	0.01	<0.005	<0.005	0.29	<2
C-132104	99BCKore	7.3	1.5	2.1	2.3	0.12	1.1	<2
C-132105	99GLBore	0.03	0.04	0.02	0.01	0.005	0.54	<2
C-132106	99McDore	0.5	0.04	0.01	0.02	0.005	0.25	<2
C-132107	99SLVore	0.09	0.1	0.04	0.08	0.005	0.17	<2

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	As-ICP40 µg/g	Au-ICP40 µg/g	Ba-ICP40 µg/g	Be-ICP40 µg/g	Bi-ICP40 µg/g	Cd-ICP40 µg/g	Ce-ICP40 µg/g
C-132069	99HMB3S	15	<8	1100	2	<50	<2	70
C-132070	99HMB5S	16	<8	740	<1	<50	<2	210
C-132071	99RYP1S	18	<8	1300	2	<50	<2	87
C-132072	99RYP2S	14	<8	1000	2	<50	<2	160
C-132073	D9RYP2S	16	<8	1000	3	<50	<2	130
C-132074	99RYP3S	21	<8	870	2	<50	<2	73
C-132075	99RYP4S	21	<8	600	2	<50	<2	60
C-132076	99RYP5S	21	<8	640	1	<50	<2	250
C-132077	99BJK1S	70	<8	440	<1	<50	3	52
C-132078	99BJK2S	70	<8	400	<1	<50	3	33
C-132079	99BJK3S	71	<8	450	<1	<50	4	45
C-132080	99PERS1	85	<8	1700	2	<50	<2	58
C-132081	99PERS2	58	<8	1300	2	<50	<2	60
C-132082	99ANTS1	79	<8	910	2	<50	<2	51
C-132083	99ANTS2	110	<8	1600	2	<50	2	55
C-132084	99CAHS1	280	<8	6800	10	<50	<2	500
C-132085	99CAHS2	22	<8	990	2	<50	<2	80
C-132086	99BCKS1	25	<8	950	2	<50	<2	59
C-132087	99GLBS1n	36	<8	1000	3	<50	<2	59
C-132088	99GLBS2n	43	<8	960	2	<50	<2	75
C-132089	D9GLBS2n	42	<8	1000	2	<50	<2	89
C-132090	99GLBS3s	41	<8	790	<1	<50	2	72
C-132091	99GLBS4s	32	<8	2000	2	<50	<2	340
C-132092	99SLVS1	15	<8	980	2	<50	<2	82
C-132093	99SLVS2	18	<8	1000	3	<50	<2	130
C-132094	99PERore	59	<8	110	<1	<50	29	<5
C-132095	99PERox1	4100	<8	71	<1	<50	6	31
C-132096	99PERfg1	690	<8	560	3	<50	<2	91
C-132097	99PERst1	110	<8	250	<1	<50	4	<5
C-132098	99ANTore	4200	<8	190	1	<50	250	27
C-132099	99BJKcn1	270	<8	270	<1	<50	15	14
C-132100	99BJKox1	1800	<8	270	<1	<50	7	28
C-132101	99DFLore	660	<8	740	2	<50	<2	110
C-132102	99CAHore	31	<8	120	<1	<50	<2	6
C-132103	99CAHor2	<10	<8	570	<1	<50	<2	<5
C-132104	99BCKore	28	<8	650	<1	<50	<2	53
C-132105	99GLBore	<10	<8	380	<1	<50	<2	11
C-132106	99McDore	160	<8	100	2	<50	<2	16
C-132107	99SLVore	<10	<8	550	<1	<50	<2	38

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Co-ICP40	Cr-ICP40	Cu-ICP40	Eu-ICP40	Ga-ICP40	Ho-ICP40	La-ICP40
		µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
C-132069	99HMB3S	5	25	11	<2	19	<4	40
C-132070	99HMB5S	20	52	10	2	18	4	110
C-132071	99RYP1S	6	51	25	<2	27	5	41
C-132072	99RYP2S	9	45	12	<2	20	<4	80
C-132073	D9RYP2S	9	48	13	<2	21	6	67
C-132074	99RYP3S	10	51	20	<2	27	<4	37
C-132075	99RYP4S	15	53	27	<2	22	<4	32
C-132076	99RYP5S	25	86	15	<2	15	<4	110
C-132077	99BJK1S	8	48	23	<2	21	<4	28
C-132078	99BJK2S	7	59	22	<2	18	5	25
C-132079	99BJK3S	10	62	23	<2	24	5	28
C-132080	99PERS1	13	59	23	<2	42	<4	26
C-132081	99PERS2	12	56	22	<2	24	<4	27
C-132082	99ANTS1	17	50	31	<2	23	<4	24
C-132083	99ANTS2	24	59	38	<2	19	<4	26
C-132084	99CAHS1	93	480	260	5	170	8	220
C-132085	99CAHS2	12	59	25	<2	22	<4	35
C-132086	99BCKS1	13	54	32	<2	27	<4	29
C-132087	99GLBS1n	13	58	26	<2	28	5	31
C-132088	99GLBS2n	17	37	30	<2	25	<4	30
C-132089	D9GLBS2n	18	43	29	<2	38	8	35
C-132090	99GLBS3s	30	78	28	<2	29	5	24
C-132091	99GLBS4s	23	84	31	<2	22	<4	60
C-132092	99SLVS1	9	48	19	<2	21	6	38
C-132093	99SLVS2	12	44	19	<2	26	<4	61
C-132094	99PERore	4	26	33	<2	27	<4	<2
C-132095	99PERox1	9	40	<2	<2	<4	5	12
C-132096	99PERfg1	18	41	24	<2	24	<4	43
C-132097	99PERst1	5	9	21	<2	33	<4	<2
C-132098	99ANTore	13	36	880	<2	<4	<4	7
C-132099	99BJKcn1	4	64	45	<2	11	<4	16
C-132100	99BJKox1	7	69	130	<2	<4	<4	26
C-132101	99DFLore	6	30	23	<2	18	<4	58
C-132102	99CAHore	2	32	11	<2	30	<4	4
C-132103	99CAHor2	<2	<2	<2	<2	<4	<4	<2
C-132104	99BCKore	36	36	110	2	24	<4	17
C-132105	99GLBore	<2	13	8	<2	<4	<4	<2
C-132106	99McDore	<2	<2	2	<2	6	<4	<2
C-132107	99SLVore	<2	6	2	<2	4	<4	7

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Li-ICP40	Mn-ICP40	Mo-ICP40	Nb-ICP40	Nd-ICP40	Ni-ICP40	Pb-ICP40
		µg/g	µg/g	µg/g	µg/g	µg/g	µg/g	µg/g
C-132069	99HMB3S	33	370	3	7	28	14	12
C-132070	99HMB5S	22	920	7	20	80	17	27
C-132071	99RYP1S	35	370	4	9	33	15	11
C-132072	99RYP2S	33	480	3	25	52	16	15
C-132073	D9RYP2S	41	550	3	14	41	17	11
C-132074	99RYP3S	66	470	4	<4	29	22	6
C-132075	99RYP4S	61	480	3	7	23	31	9
C-132076	99RYP5S	34	1300	9	17	91	22	20
C-132077	99BJK1S	24	300	10	<4	22	34	60
C-132078	99BJK2S	24	290	9	<4	18	34	39
C-132079	99BJK3S	28	350	11	<4	16	42	19
C-132080	99PERS1	75	530	4	<4	20	24	110
C-132081	99PERS2	59	550	4	8	19	25	61
C-132082	99ANTS1	76	590	4	9	<9	33	1300
C-132083	99ANTS2	75	760	4	<4	18	39	1100
C-132084	99CAHS1	210	5000	46	23	320	250	58
C-132085	99CAHS2	37	610	3	9	25	24	7
C-132086	99BCKS1	30	660	4	7	21	21	7
C-132087	99GLBS1n	49	710	5	11	24	26	10
C-132088	99GLBS2n	42	860	4	8	21	26	10
C-132089	D9GLBS2n	46	910	5	12	35	29	15
C-132090	99GLBS3s	32	1200	4	17	24	41	9
C-132091	99GLBS4s	52	1000	4	4	43	32	5
C-132092	99SLVS1	33	620	4	18	26	15	17
C-132093	99SLVS2	41	770	5	31	43	15	20
C-132094	99PERore	8	560	<2	<4	<9	<3	230
C-132095	99PERox1	53	15	16	9	<9	24	7
C-132096	99PERfg1	220	350	4	13	32	50	16
C-132097	99PERst1	140	740	3	<4	<9	<3	110
C-132098	99ANTore	270	2300	16	7	<9	16	68000
C-132099	99BJKcn1	29	82	30	<4	11	82	24
C-132100	99BJKox1	22	12	110	14	<9	56	5
C-132101	99DFLore	39	180	5	14	39	13	9
C-132102	99CAHore	16	430	<2	<4	<9	8	<4
C-132103	99CAHor2	3	21	<2	<4	<9	<3	7
C-132104	99BCKore	15	1200	6	6	24	23	<4
C-132105	99GLBore	4	13	<2	7	<9	<3	14
C-132106	99McDore	61	28	4	8	<9	<3	5
C-132107	99SLVore	2	29	3	32	<9	<3	12

**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Sc-ICP40 µg/g	Sn-ICP40 µg/g	Sr-ICP40 µg/g	Ta-ICP40 µg/g	Th-ICP40 µg/g	U-ICP40 µg/g	V-ICP40 µg/g
C-132069	99HMB3S	8	<50	320	<40	10	<100	72
C-132070	99HMB5S	13	<50	290	<40	120	<100	390
C-132071	99RYP1S	8	<50	450	<40	11	<100	70
C-132072	99RYP2S	9	<50	310	<40	26	<100	120
C-132073	D9RYP2S	10	<50	310	<40	16	<100	110
C-132074	99RYP3S	10	<50	390	<40	<6	<100	89
C-132075	99RYP4S	11	<50	300	<40	<6	<100	110
C-132076	99RYP5S	18	<50	290	<40	65	<100	350
C-132077	99BJK1S	7	<50	270	<40	<6	<100	230
C-132078	99BJK2S	7	<50	250	<40	<6	<100	230
C-132079	99BJK3S	8	<50	280	<40	<6	<100	280
C-132080	99PERS1	11	<50	490	<40	<6	<100	93
C-132081	99PERS2	11	<50	380	<40	<6	<100	82
C-132082	99ANTS1	11	<50	400	<40	<6	<100	100
C-132083	99ANTS2	12	<50	430	<40	<6	<100	100
C-132084	99CAHS1	75	<50	1400	<40	78	<100	730
C-132085	99CAHS2	10	<50	240	<40	9	<100	89
C-132086	99BCKS1	11	<50	330	<40	<6	<100	100
C-132087	99GLBS1n	13	<50	340	<40	<6	<100	120
C-132088	99GLBS2n	14	<50	350	<40	7	<100	170
C-132089	D9GLBS2n	15	<50	380	<40	7	<100	190
C-132090	99GLBS3s	26	<50	440	<40	<6	<100	390
C-132091	99GLBS4s	19	<50	420	<40	21	<100	210
C-132092	99SLVS1	8	<50	280	<40	9	<100	70
C-132093	99SLVS2	11	<50	260	<40	21	<100	110
C-132094	99PERore	<2	<50	130	<40	<6	<100	20
C-132095	99PERox1	<2	<50	2100	<40	<6	<100	31
C-132096	99PERfg1	15	<50	940	<40	8	<100	110
C-132097	99PERst1	<2	<50	400	<40	<6	<100	25
C-132098	99ANTore	<2	<50	900	<40	<6	<100	140
C-132099	99BJKcn1	5	<50	120	<40	<6	<100	880
C-132100	99BJKox1	<2	<50	350	<40	<6	<100	2300
C-132101	99DFLore	10	<50	90	<40	21	<100	79
C-132102	99CAHore	<2	<50	86	<40	<6	<100	19
C-132103	99CAHor2	<2	<50	15	<40	<6	<100	7
C-132104	99BCKore	35	<50	390	<40	<6	<100	360
C-132105	99GLBore	3	<50	20	<40	<6	<100	10
C-132106	99McDore	<2	<50	15	<40	<6	<100	9
C-132107	99SLVore	2	<50	58	<40	<6	<100	13



**Table 4.** Geochemical data for sediment and rock samples collected in the Humboldt River study.

Lab No.	Field No.	Y-ICP40 µg/g	Yb-ICP40 µg/g	Zn-ICP40 µg/g	Sample Description
C-132069	99HMB3S	19	2	60	Minus-80-mesh stream sediment
C-132070	99HMB5S	31	4	140	Minus-80-mesh stream sediment
C-132071	99RYP1S	18	2	60	Minus-80-mesh stream sediment
C-132072	99RYP2S	22	3	80	Minus-80-mesh stream sediment
C-132073	D9RYP2S	22	3	70	Minus-80-mesh stream sediment
C-132074	99RYP3S	16	2	70	Minus-80-mesh stream sediment
C-132075	99RYP4S	14	2	100	Minus-80-mesh stream sediment
C-132076	99RYP5S	45	5	180	Minus-80-mesh stream sediment
C-132077	99BJK1S	16	2	160	Minus-80-mesh stream sediment
C-132078	99BJK2S	15	2	160	Minus-80-mesh stream sediment
C-132079	99BJK3S	17	2	190	Minus-80-mesh stream sediment
C-132080	99PERS1	14	2	240	Minus-80-mesh stream sediment
C-132081	99PERS2	14	2	180	Minus-80-mesh stream sediment
C-132082	99ANTS1	13	2	250	Minus-80-mesh stream sediment
C-132083	99ANTS2	14	2	220	Minus-80-mesh stream sediment
C-132084	99CAHS1	120	11	500	Minus-80-mesh stream sediment
C-132085	99CAHS2	18	2	70	Minus-80-mesh stream sediment
C-132086	99BCKS1	18	2	67	Minus-80-mesh stream sediment
C-132087	99GLBS1n	17	2	97	Minus-80-mesh stream sediment
C-132088	99GLBS2n	18	3	99	Minus-80-mesh stream sediment
C-132089	D9GLBS2n	20	3	110	Minus-80-mesh stream sediment
C-132090	99GLBS3s	23	3	130	Minus-80-mesh stream sediment
C-132091	99GLBS4s	22	3	110	Minus-80-mesh stream sediment
C-132092	99SLVS1	21	3	76	Minus-80-mesh stream sediment
C-132093	99SLVS2	31	4	120	Minus-80-mesh stream sediment
C-132094	99PERore	2	<1	480	Ore with cinnabar
C-132095	99PERox1	9	<1	250	Oxidized rock with minor cinnabar
C-132096	99PERfg1	11	2	85	Oxidized rock
C-132097	99PERst1	3	<1	570	Salt precipitate on tailings
C-132098	99ANTore	6	<1	71000	Ore with cinnabar
C-132099	99BJKcn1	15	2	600	Ore with cinnabar
C-132100	99BJKox1	5	1	350	Oxidized rock with sphalerite (?)
C-132101	99DFLore	8	1	67	Ore with cinnabar
C-132102	99CAHore	10	<1	16	Ore with cinnabar
C-132103	99CAHor2	<2	<1	<2	Ore with cinnabar
C-132104	99BCKore	29	4	120	Ore with cinnabar
C-132105	99GLBore	3	<1	8	Ore with cinnabar
C-132106	99McDore	6	<1	4	Ore with cinnabar
C-132107	99SLVore	5	<1	2	Ore with cinnabar