

Table 5. Geochemical data for calcines samples collected in the Humboldt River study.

Lab No.	Field No.	Latitude				Longitude				Latitude		Longitude	
		deg.	min.	sec.		deg.	min.	sec.		dec. deg.	dec. deg.		
C-133254	99PERTL1	40	7	59	N	118	10	19	W	40.36750	-118.17194		
C-133255	99PERTL2	40	8	1	N	118	10	20	W	40.36694	-118.17222		
C-133256	99PERTL3	40	8	3	N	118	10	22	W	40.36639	-118.17278		
C-133257	99PERRT1	40	8	1	N	118	10	13	W	40.13361	-118.17028		
C-133258	99ANTTL1	40	9	55	N	118	10	40	W	40.16528	-118.17778		
C-133259	99ANTTL2	40	9	55	N	118	10	40	W	40.16528	-118.17778		
C-133260	99ANTTL3	40	9	55	N	118	10	40	W	40.16528	-118.17778		
C-133261	99BJKTL1	40	31	4	N	118	13	13	W	40.51778	-118.22028		
C-133262	99BJKTL2	40	31	4	N	118	13	13	W	40.51778	-118.22028		
C-133263	99BJKRT1	40	31	4	N	118	13	13	W	40.51778	-118.22028		
C-133264	99DFLTL1	41	10	38	N	117	29	22	W	41.17722	-117.48944		
C-133265	99DFLTL2	41	10	38	N	117	29	22	W	41.17722	-117.48944		
C-133266	99DFLRT1	41	10	38	N	117	29	22	W	41.17722	-117.48944		
C-133267	99CAHTL1	41	21	7	N	117	27	37	W	41.35194	-117.46028		
C-133268	99CAHTL2	41	21	7	N	117	27	37	W	41.35194	-117.46028		
C-133269	99CAHTL3	41	21	7	N	117	27	37	W	41.35194	-117.46028		
C-133270	99CAHRT1	41	21	7	N	117	27	37	W	41.35194	-117.46028		
C-133271	99BCKTL1	41	21	37	N	118	19	12	W	41.36028	-118.32000		
C-133272	99BCKTL2	41	21	38	N	118	18	55	W	41.36056	-118.31528		
C-133273	99BCKTL3	41	21	30	N	118	19	6	W	41.35833	-118.31833		
C-133274	99GLBTL1	40	28	20	N	117	40	43	W	40.47222	-117.67861		
C-133275	99GLBTL2	40	28	33	N	117	40	42	W	40.47583	-117.67833		
C-133276	99McDTL1	41	54	52	N	117	48	51	W	41.91444	-117.81417		
C-133277	99McDTL2	41	54	49	N	117	48	57	W	41.91361	-117.81583		
C-133278	99McDTL3	41	54	41	N	117	48	56	W	41.91139	-117.81556		
C-133279	99SLVTL1	41	3	9	N	116	37	32	W	41.05250	-116.62556		
C-133280	99SLVTL2	41	3	12	N	116	37	30	W	41.05333	-116.62500		
C-133281	99SLVRT1	41	3	10	N	116	37	30	W	41.05278	-116.62500		
C-133282	D9SLVTL1	41	3	9	N	116	37	32	W	41.05250	-116.62556		
C-133283	D9SLVTL2	41	3	12	N	116	37	30	W	41.05333	-116.62500		
C-133284	D9PERRT1	40	8	1	N	118	10	13	W	40.13361	-118.17028		
C-133285	D9BJKTL1	40	31	4	N	118	13	13	W	40.51778	-118.22028		
C-133286	D9BJKRT1	40	31	4	N	118	13	13	W	40.51778	-118.22028		
C-133287	D9BCKTL3	41	21	30	N	118	19	6	W	41.35833	-118.31833		
C-133288	D9McDTL3	41	54	41	N	117	48	56	W	41.91139	-117.81556		
C-133289	D9DFLTL1	41	10	38	N	117	29	22	W	41.17722	-117.48944		

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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-133254	99PERTL1	0.252	11	0.2	200	0.1	<1	9.2
C-133255	99PERTL2	0.280	9.3	0.2	240	0.3	<1	17
C-133256	99PERTL3	0.318	13	0.3	220	0.3	<1	11
C-133257	99PERRT1	0.072	80	<0.08	72	<0.1	<1	2.6
C-133258	99ANTTL1	0.200	3.6	0.4	250	0.2	<1	3.4
C-133259	99ANTTL2	0.952	43	30	2500	1.0	<1	46
C-133260	99ANTTL3	1.16	100	120	>6000	1.3	<1	25
C-133261	99BJKTL1	0.043	1000	2.8	660	<0.1	3	14
C-133262	99BJKTL2	0.018	25	1.2	480	<0.1	3	19
C-133263	99BJKRT1	0.234	320	0.7	280	<0.1	2	13
C-133264	99DFLTL1	0.029	320	0.8	640	<0.1	<1	0.9
C-133265	99DFLTL2	0.034	110	0.8	790	0.1	1	0.46
C-133266	99DFLRT1	0.045	680	1.8	490	<0.1	1	0.58
C-133267	99CAHTL1	0.017	1.9	0.2	94	<0.1	<1	0.11
C-133268	99CAHTL2	0.013	4.2	0.2	47	<0.1	<1	0.17
C-133269	99CAHTL3	0.028	8.6	0.2	100	<0.1	<1	0.19
C-133270	99CAHRT1	0.017	23	0.1	60	<0.1	<1	0.31
C-133271	99BCKTL1	0.020	7.8	<0.08	30	<0.1	<1	0.27
C-133272	99BCKTL2	0.012	5.4	<0.08	50	<0.1	<1	0.15
C-133273	99BCKTL3	0.010	207	<0.08	20	<0.1	<1	0.17
C-133274	99GLBTL1	0.014	2.5	<0.08	140	<0.1	<1	0.39
C-133275	99GLBTL2	0.015	10	<0.08	220	<0.1	<1	0.1
C-133276	99McDTL1	0.009	1200	0.1	270	<0.1	2	0.05
C-133277	99McDTL2	0.012	43	<0.08	47	<0.1	<1	<0.05
C-133278	99McDTL3	0.014	1400	<0.08	15	<0.1	<1	0.09
C-133279	99SLVTL1	0.012	3.0	<0.08	8	<0.1	<1	<0.05
C-133280	99SLVTL2	0.023	17	<0.08	<1	<0.1	<1	<0.05
C-133281	99SLVRT1	0.073	180	0.2	7	<0.1	<1	0.14
C-133282	D9SLVTL1	0.006	1.9	<0.08	5	<0.1	<1	<0.05
C-133283	D9SLVTL2	0.021	16	<0.08	<1	<0.1	<1	<0.05
C-133284	D9PERRT1	0.106	310	0.1	120	<0.1	<1	6.3
C-133285	D9BJKTL1	0.020	740	0.4	340	<0.1	3	15
C-133286	D9BJKRT1	0.017	2000	0.3	180	<0.1	2	10
C-133287	D9BCKTL3	0.010	210	<0.08	24	<0.1	<1	0.27
C-133288	D9McDTL3	0.009	1600	<0.08	16	<0.1	<1	0.17
C-133289	D9DFLTL1	0.029	360	1.1	780	<0.1	1	0.88

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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-133254	99PERTL1	10	0.7	370	360	>500	1.2	16
C-133255	99PERTL2	9.8	1.1	430	380	>500	1.3	15
C-133256	99PERTL3	11	0.6	460	770	>500	1.3	16
C-133257	99PERRT1	26	1.3	87	130	300	5.2	9.6
C-133258	99ANTTL1	8.3	0.8	980	660	220	1.2	21
C-133259	99ANTTL2	450	3.8	>6000	>6000	>500	3.5	13
C-133260	99ANTTL3	>500	3.4	>6000	>6000	>500	2.3	2.8
C-133261	99BJKTL1	71	42	1800	270	430	4.6	7.0
C-133262	99BJKTL2	42	44	690	150	380	3.9	11
C-133263	99BJKRT1	39	22	220	63	380	3.9	14
C-133264	99DFLTL1	36	8.6	140	36	150	8.3	0.7
C-133265	99DFLTL2	44	18	99	41	140	8.2	0.6
C-133266	99DFLRT1	48	8.8	65	20	63	8.5	0.4
C-133267	99CAHTL1	6.9	1.0	37	71	21	2.0	5.4
C-133268	99CAHTL2	12	1.2	25	55	23	2.0	6.7
C-133269	99CAHTL3	18	1.7	24	92	30	2.5	6.2
C-133270	99CAHRT1	45	2.7	28	49	150	4.8	5.0
C-133271	99BCKTL1	100	4.1	10	6	110	8.3	2.8
C-133272	99BCKTL2	93	2.0	7	56	130	8.5	1.8
C-133273	99BCKTL3	100	7.4	9	11	110	7.5	3.7
C-133274	99GLBTL1	28	1.9	23	30	90	7.2	2.4
C-133275	99GLBTL2	22	2.7	6	41	16	8.4	0.3
C-133276	99McDTL1	36	15	16	41	48	2.7	0.6
C-133277	99McDTL2	5.3	11	15	8	54	6.4	0.2
C-133278	99McDTL3	51	4.5	11	3	110	7.0	0.7
C-133279	99SLVTL1	2.6	0.3	9	1	5	4.5	0.4
C-133280	99SLVTL2	0.9	0.1	3	<1	2	0.9	0.3
C-133281	99SLVRT1	42	6.1	27	3	27	2.1	7.1
C-133282	D9SLVTL1	2.6	0.3	9	<1	4	4.3	0.4
C-133283	D9SLVTL2	1.0	0.2	4	<1	2	1.0	0.3
C-133284	D9PERRT1	34	1.9	190	290	>500	5.1	9.9
C-133285	D9BJKTL1	48	42	15	74	410	4.5	7.5
C-133286	D9BJKRT1	41	22	17	34	310	3.5	16
C-133287	D9BCKTL3	90	7.1	9	14	100	7.7	3.8
C-133288	D9McDTL3	67	5.1	12	3	110	6.9	1.0
C-133289	D9DFLTL1	47	12	29	31	170	8.1	0.8

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Lab No.	Field No.	Fe-ICP40 %	K-ICP40 %	Mg-ICP40 %	Na-ICP40 %	P-ICP40 %	Ti-ICP40 %	Ag-ICP40 µg/g
C-133254	99PERTL1	0.9	0.4	9.4	0.04	0.03	0.05	<2
C-133255	99PERTL2	1.0	0.6	8.9	0.05	0.04	0.04	<2
C-133256	99PERTL3	1.0	0.7	9.5	0.06	0.04	0.05	<2
C-133257	99PERRT1	3.7	2.1	5.1	0.95	0.05	0.21	<2
C-133258	99ANTTL1	0.8	0.7	5.8	0.21	0.04	0.04	<2
C-133259	99ANTTL2	6.5	0.8	1.3	0.12	0.06	0.08	37
C-133260	99ANTTL3	9.7	0.8	0.3	0.10	0.04	0.05	160
C-133261	99BJKTL1	2.7	1.9	0.4	0.23	0.18	0.19	<2
C-133262	99BJKTL2	2.5	1.6	0.3	0.13	0.21	0.10	<2
C-133263	99BJKRT1	3.3	1.4	0.6	0.41	0.23	0.13	<2
C-133264	99DFLTL1	3.5	2.9	0.3	0.17	0.09	0.34	<2
C-133265	99DFLTL2	4.7	2.6	0.3	0.17	0.06	0.37	<2
C-133266	99DFLRT1	3.5	3.2	0.2	0.08	0.06	0.42	<2
C-133267	99CAHTL1	0.8	1.1	2.7	0.01	0.04	0.07	<2
C-133268	99CAHTL2	0.9	1.0	3.2	0.04	0.07	0.08	<2
C-133269	99CAHTL3	1.3	1.2	3.5	0.05	0.05	0.09	<2
C-133270	99CAHRT1	5.5	1.7	1.3	0.75	0.05	0.26	<2
C-133271	99BCKTL1	8.3	1.2	1.1	1.1	0.11	1.0	<2
C-133272	99BCKTL2	9.0	1.6	0.9	0.94	0.15	1.4	<2
C-133273	99BCKTL3	7.6	1.2	0.9	1.4	0.13	1.2	<2
C-133274	99GLBTL1	3.5	2.1	1.1	0.11	0.11	0.46	<2
C-133275	99GLBTL2	4.7	0.8	0.1	0.39	0.13	0.65	<2
C-133276	99McDTL1	6.4	0.5	0.2	0.16	0.05	0.43	<2
C-133277	99McDTL2	4.1	2.5	0.2	0.94	0.03	0.39	<2
C-133278	99McDTL3	5.4	1.6	0.7	0.63	0.04	0.81	<2
C-133279	99SLVTL1	0.5	0.5	0.8	0.15	0.02	0.31	<2
C-133280	99SLVTL2	0.2	0.1	0.1	0.10	0.01	0.41	<2
C-133281	99SLVRT1	3.1	0.3	0.5	0.30	0.02	0.49	<2
C-133282	D9SLVTL1	0.5	0.5	0.7	0.14	0.02	0.32	<2
C-133283	D9SLVTL2	0.2	0.2	0.1	0.10	0.01	0.43	<2
C-133284	D9PERRT1	3.9	1.8	5.1	0.90	0.06	0.22	<2
C-133285	D9BJKTL1	2.6	1.6	0.4	0.20	0.19	0.17	<2
C-133286	D9BJKRT1	2.8	1.3	0.5	0.34	0.23	0.14	<2
C-133287	D9BCKTL3	7.3	1.1	1.0	1.3	0.12	1.1	<2
C-133288	D9McDTL3	6.5	1.2	0.8	0.52	0.05	0.86	<2
C-133289	D9DFLTL1	4.6	2.6	0.3	0.21	0.08	0.36	<2

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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-133254	99PERTL1	200	<8	2100	<1	<50	11	17
C-133255	99PERTL2	250	<8	4000	<1	<50	22	<5
C-133256	99PERTL3	240	<8	4600	<1	<50	13	31
C-133257	99PERRT1	80	<8	510	2	<50	2	25
C-133258	99ANTTL1	250	<8	2700	<1	<50	3	<5
C-133259	99ANTTL2	3500	<8	540	<1	<50	22	33
C-133260	99ANTTL3	11000	<8	200	<1	<50	<2	13
C-133261	99BJKTL1	350	<8	610	<1	<50	11	30
C-133262	99BJKTL2	380	<8	530	<1	<50	14	22
C-133263	99BJKRT1	230	<8	480	<1	<50	11	41
C-133264	99DFLTL1	680	<8	490	3	<50	<2	75
C-133265	99DFLTL2	800	<8	540	3	<50	<2	99
C-133266	99DFLRT1	440	<8	690	2	<50	<2	110
C-133267	99CAHTL1	69	<8	210	<1	<50	<2	16
C-133268	99CAHTL2	26	<8	230	<1	<50	2	6
C-133269	99CAHTL3	84	<8	630	<1	<50	<2	22
C-133270	99CAHRT1	55	<8	880	2	<50	<2	37
C-133271	99BCKTL1	29	<8	490	<1	<50	3	46
C-133272	99BCKTL2	63	<8	690	<1	<50	<2	65
C-133273	99BCKTL3	33	<8	1200	<1	<50	4	53
C-133274	99GLBTL1	150	<8	970	3	<50	<2	61
C-133275	99GLBTL2	250	<8	150	<1	<50	<2	65
C-133276	99McDTL1	260	<8	510	<1	<50	<2	55
C-133277	99McDTL2	34	<8	480	2	<50	2	90
C-133278	99McDTL3	15	<8	250	2	<50	<2	76
C-133279	99SLVTL1	<10	<8	270	<1	<50	<2	110
C-133280	99SLVTL2	<10	<8	380	2	<50	<2	43
C-133281	99SLVRT1	<10	<8	370	<1	<50	<2	89
C-133282	D9SLVTL1	<10	<8	290	<1	<50	<2	100
C-133283	D9SLVTL2	<10	<8	480	2	<50	<2	53
C-133284	D9PERRT1	130	<8	920	2	<50	5	34
C-133285	D9BJKTL1	340	<8	610	<1	<50	11	29
C-133286	D9BJKRT1	160	<8	420	<1	<50	9	26
C-133287	D9BCKTL3	32	<8	870	<1	<50	4	53
C-133288	D9McDTL3	15	<8	210	2	<50	3	84
C-133289	D9DFLTL1	800	<8	530	3	<50	<2	69

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Lab No.	Field No.	Co-ICP40 µg/g	Cr-ICP40 µg/g	Cu-ICP40 µg/g	Eu-ICP40 µg/g	Ga-ICP40 µg/g	Ho-ICP40 µg/g	La-ICP40 µg/g
C-133254	99PERTL1	4	14	20	<2	8	<4	2
C-133255	99PERTL2	3	15	21	<2	17	<4	6
C-133256	99PERTL3	3	16	23	<2	23	<4	<2
C-133257	99PERRT1	11	54	41	<2	6	<4	18
C-133258	99ANTTL1	3	14	23	<2	14	<4	3
C-133259	99ANTTL2	5	47	550	<2	<4	<4	13
C-133260	99ANTTL3	<2	58	1400	3	<4	<4	12
C-133261	99BJKTL1	9	120	52	<2	17	<4	34
C-133262	99BJKTL2	8	77	41	2	<4	<4	28
C-133263	99BJKRT1	9	81	43	<2	<4	<4	23
C-133264	99DFLTL1	15	40	40	3	8	<4	43
C-133265	99DFLTL2	12	59	52	2	7	<4	57
C-133266	99DFLRT1	3	47	41	2	9	<4	64
C-133267	99CAHTL1	3	16	11	<2	14	<4	14
C-133268	99CAHTL2	3	19	17	<2	16	<4	15
C-133269	99CAHTL3	6	37	25	<2	20	<4	20
C-133270	99CAHRT1	12	63	59	2	<4	<4	25
C-133271	99BCKTL1	42	49	150	4	<4	4	15
C-133272	99BCKTL2	42	53	120	3	14	<4	20
C-133273	99BCKTL3	39	61	130	3	9	4	21
C-133274	99GLBTL1	12	62	31	<2	9	<4	30
C-133275	99GLBTL2	4	89	38	3	13	<4	27
C-133276	99McDTL1	11	35	38	<2	9	<4	30
C-133277	99McDTL2	2	25	8	<2	<4	<4	37
C-133278	99McDTL3	8	61	47	<2	20	5	31
C-133279	99SLVTL1	<2	11	9	<2	27	<4	46
C-133280	99SLVTL2	<2	13	7	<2	<4	<4	13
C-133281	99SLVRT1	8	37	54	<2	<4	<4	21
C-133282	D9SLVTL1	<2	8	7	<2	18	<4	43
C-133283	D9SLVTL2	<2	12	8	<2	6	<4	13
C-133284	D9PERRT1	11	33	45	2	23	<4	22
C-133285	D9BJKTL1	7	120	48	2	6	<4	27
C-133286	D9BJKRT1	8	59	40	<2	8	<4	25
C-133287	D9BCKTL3	39	44	130	2	<4	<4	19
C-133288	D9McDTL3	8	71	61	2	4	<4	28
C-133289	D9DFLTL1	18	30	50	3	<4	<4	43

Table 5. Geochemical data for calcines samples collected in the Humboldt River study.

Lab No.	Field No.	Li-ICP40 µg/g	Mn-ICP40 µg/g	Mo-ICP40 µg/g	Nb-ICP40 µg/g	Nd-ICP40 µg/g	Ni-ICP40 µg/g	Pb-ICP40 µg/g
C-133254	99PERTL1	46	610	<2	<4	<9	4	500
C-133255	99PERTL2	77	570	<2	<4	<9	5	590
C-133256	99PERTL3	47	630	<2	<4	<9	5	630
C-133257	99PERRT1	90	600	<2	<4	<9	25	100
C-133258	99ANTTL1	540	520	<2	<4	<9	4	1200
C-133259	99ANTTL2	390	580	<2	<4	<9	12	55000
C-133260	99ANTTL3	280	160	<2	<4	<9	<3	57000
C-133261	99BJKTL1	43	110	60	<4	31	81	66
C-133262	99BJKTL2	38	120	53	<4	<9	72	45
C-133263	99BJKRT1	33	290	24	<4	16	67	18
C-133264	99DFLTL1	270	1100	2	<4	33	28	25
C-133265	99DFLTL2	190	710	16	<4	39	31	25
C-133266	99DFLRT1	130	38	3	7	41	10	66
C-133267	99CAHTL1	15	230	<2	<4	<9	9	21
C-133268	99CAHTL2	19	250	<2	<4	<9	18	13
C-133269	99CAHTL3	21	390	<2	<4	15	24	12
C-133270	99CAHRT1	43	670	<2	<4	<9	34	34
C-133271	99BCKTL1	25	1400	<2	<4	<9	25	<4
C-133272	99BCKTL2	25	1400	<2	6	14	24	<4
C-133273	99BCKTL3	15	1900	5	6	15	25	10
C-133274	99GLBTL1	52	600	<2	7	18	25	20
C-133275	99GLBTL2	40	69	<2	7	25	7	15
C-133276	99McDTL1	68	100	17	<4	<9	<3	35
C-133277	99McDTL2	11	18	10	14	29	<3	21
C-133278	99McDTL3	13	370	<2	8	22	18	8
C-133279	99SLVTL1	56	27	<2	37	22	<3	33
C-133280	99SLVTL2	6	41	4	48	<9	<3	18
C-133281	99SLVRT1	25	120	15	72	<9	17	49
C-133282	D9SLVTL1	50	20	<2	36	22	<3	34
C-133283	D9SLVTL2	8	48	4	54	<9	<3	23
C-133284	D9PERRT1	91	640	<2	<4	14	26	240
C-133285	D9BJKTL1	40	120	58	<4	19	79	14
C-133286	D9BJKRT1	26	250	25	<4	<9	50	24
C-133287	D9BCKTL3	19	1800	<2	4	12	26	<4
C-133288	D9McDTL3	13	460	<2	6	17	21	6
C-133289	D9DFLTL1	220	1200	8	<4	28	35	28

Table 5. Geochemical data for calcines 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-133254	99PERTL1	<2	<50	540	<40	<6	<100	24
C-133255	99PERTL2	<2	<50	650	<40	<6	<100	23
C-133256	99PERTL3	<2	<50	610	<40	<6	<100	24
C-133257	99PERRT1	8	<50	590	<40	<6	<100	79
C-133258	99ANTTL1	<2	<50	950	<40	<6	<100	20
C-133259	99ANTTL2	4	<50	1100	<40	<6	<100	160
C-133260	99ANTTL3	2	<50	850	<40	<6	<100	55
C-133261	99BJKTL1	6	<50	200	<40	7	<100	1200
C-133262	99BJKTL2	5	<50	230	<40	<6	<100	1000
C-133263	99BJKRT1	5	<50	250	<40	<6	<100	630
C-133264	99DFLTL1	13	<50	200	<40	<6	<100	100
C-133265	99DFLTL2	13	<50	350	<40	28	<100	89
C-133266	99DFLRT1	8	<50	500	<40	28	<100	80
C-133267	99CAHTL1	2	<50	47	<40	<6	<100	25
C-133268	99CAHTL2	2	<50	82	<40	<6	<100	37
C-133269	99CAHTL3	3	<50	79	<40	<6	<100	49
C-133270	99CAHRT1	7	<50	200	<40	<6	<100	83
C-133271	99BCKTL1	36	<50	300	<40	<6	<100	370
C-133272	99BCKTL2	34	<50	200	<40	6	<100	390
C-133273	99BCKTL3	28	<50	300	<40	<6	<100	320
C-133274	99GLBTL1	12	<50	400	<40	<6	<100	140
C-133275	99GLBTL2	18	<50	480	<40	12	<100	190
C-133276	99McDTL1	12	<50	300	<40	16	<100	200
C-133277	99McDTL2	6	<50	67	<40	16	<100	39
C-133278	99McDTL3	13	<50	68	<40	10	<100	120
C-133279	99SLVTL1	3	<50	150	<40	22	<100	25
C-133280	99SLVTL2	<2	<50	88	<40	<6	<100	17
C-133281	99SLVRT1	<2	<50	220	<40	<6	<100	29
C-133282	D9SLVTL1	3	<50	140	<40	15	<100	25
C-133283	D9SLVTL2	<2	<50	110	<40	<6	<100	19
C-133284	D9PERRT1	8	<50	650	<40	<6	<100	80
C-133285	D9BJKTL1	7	<50	190	<40	<6	<100	1200
C-133286	D9BJKRT1	4	<50	240	<40	<6	<100	520
C-133287	D9BCKTL3	28	<50	290	<40	<6	<100	310
C-133288	D9McDTL3	15	<50	68	<40	<6	<100	140
C-133289	D9DFLTL1	13	<50	230	<40	13	<100	100

Table 5. Geochemical data for calcines 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-133254	99PERTL1	4	<1	850	Mercury mine calcines
C-133255	99PERTL2	4	<1	2100	Mercury mine calcines
C-133256	99PERTL3	4	<1	1200	Mercury mine calcines
C-133257	99PERRT1	9	1	320	Mercury mine calcines
C-133258	99ANTTL1	5	<1	240	Mercury mine calcines
C-133259	99ANTTL2	8	1	21000	Mercury mine calcines
C-133260	99ANTTL3	3	<1	4800	Mercury mine calcines
C-133261	99BJKTL1	14	1	510	Mercury mine calcines
C-133262	99BJKTL2	12	1	440	Mercury mine calcines
C-133263	99BJKRT1	16	1	420	Mercury mine calcines
C-133264	99DFLTL1	16	2	160	Mercury mine calcines
C-133265	99DFLTL2	15	2	150	Mercury mine calcines
C-133266	99DFLRT1	13	2	69	Mercury mine calcines
C-133267	99CAHTL1	8	<1	19	Mercury mine calcines
C-133268	99CAHTL2	10	<1	21	Mercury mine calcines
C-133269	99CAHTL3	10	<1	26	Mercury mine calcines
C-133270	99CAHRT1	13	2	190	Mercury mine calcines
C-133271	99BCKTL1	26	3	120	Mercury mine calcines
C-133272	99BCKTL2	29	3	130	Mercury mine calcines
C-133273	99BCKTL3	30	3	120	Mercury mine calcines
C-133274	99GLBTL1	25	3	95	Mercury mine calcines
C-133275	99GLBTL2	9	2	30	Mercury mine calcines
C-133276	99McDTL1	32	5	63	Mercury mine calcines
C-133277	99McDTL2	26	3	69	Mercury mine calcines
C-133278	99McDTL3	28	4	110	Mercury mine calcines
C-133279	99SLVTL1	14	2	15	Mercury mine calcines
C-133280	99SLVTL2	5	<1	12	Mercury mine calcines
C-133281	99SLVRT1	13	2	36	Mercury mine calcines
C-133282	D9SLVTL1	14	2	14	Mercury mine calcines
C-133283	D9SLVTL2	6	<1	14	Mercury mine calcines
C-133284	D9PERRT1	10	1	730	Mercury mine calcines
C-133285	D9BJKTL1	13	1	450	Mercury mine calcines
C-133286	D9BJKRT1	16	1	310	Mercury mine calcines
C-133287	D9BCKTL3	29	3	120	Mercury mine calcines
C-133288	D9McDTL3	28	4	130	Mercury mine calcines
C-133289	D9DFLTL1	19	2	180	Mercury mine calcines