

Division of Geological & Geophysical Surveys

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**DIGITAL FILES OF GEOCHEMICAL ANALYSES OF PLUTONIC ROCKS IN EAST-CENTRAL, INTERIOR ALASKA
COMPILED FROM PUBLISHED SOURCES**

by

L.E. Burns, D.N. Solie, and R.J. Newberry

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DIGITAL FILES OF GEOCHEMICAL ANALYSES OF PLUTONIC ROCKS IN EAST-CENTRAL, INTERIOR ALASKA COMPILED FROM PUBLISHED SOURCES

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This PDF consists of four computer data files and this PDFINTRO.txt file. The four files contain 1) major oxide data, 2) CIPW normative mineralogy for the data in file 1, 3) trace element data for selected analyses, and 4) sources for the analyses. The data files are available in DBASE or LOTUS/QUATTRO format.

The analyses in the associated major oxide, CIPW, and trace element data files were compiled from published and unpublished resources and printed previously in Burns and others (1991). Locations are currently only available on the map associated with Burns and others (1991).

Abbreviations for quadrangle names include Eag - Eagle, Tan - Tanacross, Nab - Nabesna, Big - Big Delta, MtH - Mount Hayes, Liv - Livengood, Fbx - Fairbanks, Cir - Circle, and ChR - Charley River. Unusual abbreviations used in the tables include QNORMY = 100 * Normative Qtz/(Qtz+Ab+Or+An), and ANNORMX = 100 * Normative An/(An+Or) which were both based on Streckeisen and Le Maitre (197) classification. Other abbreviations used include LocNo - location number, Qtz - quartz, Cor - corundum, Or - orthoclase, Ab - albite, An - anorthite, Leuc - leucite, Ne - nepheline, Ac - acmite, Nameta - sodium metasilicate, Wo - wollastonite, Diop - diopside, Hyp - hypersthene, Ol - olivine, Caorthos - Calcium orthosilicate, Mt - magnetite, Hem - hematite, Ilm - ilmenite, Sph - sphene, Rut - rutile, Ap - apatite.

A '-.1' or '-1' in the tables indicates that that sample was not analyzed for that element/compound; a '0.0' indicates the sample was analyzed for that element/compound, but that the element/compound was not present or it was less than the detection limit.

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- Streckeisen, A.L., and LeMaitre, R.W., 1979, A chemical approximation to the modal QAFP classification of the igneous rocks: *Neu. Jahrb. Mineral. Abh.* v. 136, p. 169-206.

PUBLISHED SOURCES FOR ANALYSES

NUMBER	SAMPLE	QUAD	REFERENCE
1	74AFr613	BigD	Luthy and others, 1981
2	75ASj538	BigD	Luthy and others, 1981
3	75AFr2175	BigD	Luthy and others, 1981
4	75AFr2184	BigD	Luthy and others, 1981
5	72AFr216	BigD	Solie and others, 1990
6	70AWr319	BigD	Solie and others, 1990
7	PVF1-1-63	Tan	Foster and others, 1966
8	PVF2-9-63	Tan	Foster and others, 1966
9	63AFr2c	Eag	Foster and others, 1978
10	64AFr2	Eag	Foster and others, 1978
11	64AFr70	Eag	Foster and others, 1978
12	68AFr66	Eag	Foster and others, 1978
13	68AFr2038	Eag	Foster and others, 1978
14	69AWr87	Eag	Foster and others, 1978
15	69AFr485	Eag	Foster and others, 1978
16	69AFr674	Eag	Foster and others, 1978
17	69AFr689	Eag	Foster and others, 1978
18	69AFr900	Eag	Foster and others, 1978
19	69AFr901	Eag	Foster and others, 1978
20	70AFr179	Eag	Foster and others, 1978
21	70AFr225	Eag	Foster and others, 1978
22	70AFr312	Eag	Foster and others, 1978
23	70AFr372	Eag	Foster and others, 1978
24	70AFr437a	Eag	Foster and others, 1978
25	70AFr458	Eag	Foster and others, 1978
26	70AFr995	Eag	Foster and others, 1978
27	70AAFr3078	Eag	Foster and others, 1978
28	70AFr3112	Eag	Foster and others, 1978
29	71AWr80	Eag	Foster and others, 1978
30	71AWr90	Eag	Foster and others, 1978
31	71AFr185	Eag	Foster and others, 1978
32	71AFr201	Eag	Foster and others, 1978
33	71AFr341	Eag	Foster and others, 1978
34	71AFr348	Eag	Foster and others, 1978
35	71AFr364	Eag	Foster and others, 1978
36	71AFr507	Eag	Foster and others, 1978
37	71AFr596b	Eag	Foster and others, 1978
38	71AFr635	Eag	Foster and others, 1978
39	71AFr662	Eag	Foster and others, 1978
40	71AFr664	Eag	Foster and others, 1978
41	71AFr701	Eag	Foster and others, 1978
42	71AFr793	Eag	Foster and others, 1978
43	71AFr800	Eag	Foster and others, 1978
44	71AFr2024	Eag	Foster and others, 1978
45	71AFr2025	Eag	Foster and others, 1978
46	71AFr2179	Eag	Foster and others, 1978
47	73AFr3191	Eag	Foster and others, 1978
48	66AWr78	BigD	Solie and others, 1990

49 73AWr88H BigD Solie and others, 1990
 50 73AWr88K BigD Solie and others, 1990
 51 74AFr638A BigD Solie and others, 1990
 52 74AFr646A BigD Solie and others, 1990
 53 74AFr771A BigD Solie and others, 1990
 54 74AFr777C BigD Solie and others, 1990
 55 74AFr3001 BigD Solie and others, 1990
 56 74AWr177A BigD Solie and others, 1990
 57 74AWr196 BigD Solie and others, 1990
 58 74AWr202A BigD Solie and others, 1990
 59 74AWr233 BigD Solie and others, 1990
 60 74AWr254A BigD Solie and others, 1990
 61 74AWr370 BigD Solie and others, 1990
 62 75AFr207A BigD Solie and others, 1990
 63 72AFr215 BigD Solie and others, 1990
 64 75AFr238 BigD Solie and others, 1990
 65 75AFr630 BigD Solie and others, 1990
 66 75AFr636B BigD Solie and others, 1990
 67 75AFr663A BigD Solie and others, 1990
 68 75AFr675 BigD Solie and others, 1990
 69 75AFr733 BigD Solie and others, 1990
 70 75AFr754B BigD Solie and others, 1990
 71 75AFr761A BigD Solie and others, 1990
 72 75AFr3308 BigD Solie and others, 1990
 73 75AFr2005/6 BigD Solie and others, 1990
 74 75AFr2025 BigD Solie and others, 1990
 75 75AFr2171 MtH Burns and others, 1991
 76 75AFr2175 BigD Solie and others, 1990
 77 75AFr2182 BigD Solie and others, 1990
 78 75AFr3067 BigD Solie and others, 1990
 79 75AFr3142 BigD Solie and others, 1990
 80 75AFr3151 BigD Solie and others, 1990
 81 75AFr3159 BigD Solie and others, 1990
 82 75AWr181A BigD Solie and others, 1990
 83 75AWr544 BigD Solie and others, 1990
 84 76AFr516 BigD Solie and others, 1990
 85 77AWr174 BigD Solie and others, 1990
 86 77AWr423 BigD Solie and others, 1990
 87 74AFr3133A BigD Solie and others, 1990
 88 ECPD-46 Liv Britton,1970; Forbes,1982
 89 ECC-1-228 Liv Britton,1970; Forbes,1982
 90 ECP-4-16 Liv Britton,1970; Forbes,1982
 91 ECC-2-124 Liv Britton,1970; Forbes,1982
 92 ECPD-205 Liv Britton,1970; Forbes,1982
 93 ECPD-35 Liv Britton,1970; Forbes,1982
 94 ECC-4-26 Liv Britton,1970; Forbes,1982
 95 AP-1 Fbx Forbes, 1982
 96 HL-1 BigD Forbes, 1982
 97 MtFairplaySy Tan Kerin, 1976
 100 MCD82 Liv Wheeler and others, 1987
 101 MCD56 Liv Wheeler and others, 1987
 102 MCD59 Liv Wheeler and others, 1987
 103 MCD96 Liv Wheeler and others, 1987
 104 63ABa3001 Tan Brabb and Hamachi, 1977

105	62ACn544	ChR	Brabb and Hamachi, 1977
106	62ABa2421	ChR	Brabb and Hamachi, 1977
107	62ABa2415	ChR	Brabb and Hamachi, 1977
108	62ABa2424a	ChR	Brabb and Hamachi, 1977
109	61ABa1634	ChR	Brabb and Hamachi, 1977
110	63ABa3084	Eag	Brabb and Hamachi, 1977
111	62ABa2490	ChR	Brabb and Hamachi, 1977
112	60ABa297	Eag	Brabb and Hamachi, 1977
113	TS222	Cir	Smith and others, 1987
114	MW111	Cir	Smith and others, 1987
115	RR151	Cir	Smith and others, 1987
116	TS52	Cir	Smith and others, 1987
117	TS60a	Cir	Smith and others, 1987
118	DNS93	Cir	Smith and others, 1987
119	DNS110	Cir	Smith and others, 1987
120	TS60b	Cir	Smith and others, 1987
121	TS67	Cir	Smith and others, 1987
122	DNS113	Cir	Smith and others, 1987
123	MW15a	Cir	Smith and others, 1987
124	LB25	Cir	Smith and others, 1987
125	DA116	Cir	Smith and others, 1987
126	DA19c	Cir	Smith and others, 1987
127	RN130	Cir	Smith and others, 1987
128	TS58	Cir	Smith and others, 1987
129	RR149	Cir	Smith and others, 1987
130	DNS124	Cir	Smith and others, 1987
131	MA89	Cir	Smith and others, 1987
132	DNS106	Cir	Smith and others, 1987
133	MA103	Cir	Smith and others, 1987
134	RN127	Cir	Smith and others, 1987
135	MW73	Cir	Smith and others, 1987
136	DA137	Cir	Smith and others, 1987
137	RN175e	Cir	Smith and others, 1987
138	DNS122	Cir	Smith and others, 1987
139	DNS121	Cir	Smith and others, 1987
140	DNS119	Cir	Smith and others, 1987
141	DA186	Cir	Smith and others, 1987
142	GP180	Cir	Smith and others, 1987
143	GP157	Cir	Smith and others, 1987
144	DNS178	Cir	Smith and others, 1987
145	DNS180	Cir	Smith and others, 1987
146	MA114	Cir	Smith and others, 1987
147	DNS179	Cir	Smith and others, 1987
148	RR129b	Cir	Smith and others, 1987
149	RR135	Cir	Smith and others, 1987
150	DA217c	Cir	Smith and others, 1987
151	RN196b	Cir	Smith and others, 1987
152	RN183-185	Cir	Smith and others, 1987
153	DNS111	Cir	Smith and others, 1987
154	DNS52	Cir	Smith and others, 1987
155	MA224	Cir	Smith and others, 1987
156	GP283b	Cir	Smith and others, 1987
157	RS283b	Cir	Smith and others, 1987
158	RS87	Cir	Smith and others, 1987

159	GP282	Cir	Smith and others, 1987
160	LB43a	Cir	Smith and others, 1987
161	RN178a	Cir	Smith and others, 1987
162	LB44	Cir	Smith and others, 1987
163	LB94	Cir	Smith and others, 1987
164	JB39	Cir	Smith and others, 1987
165	30545	Cir	Smith and others, 1987
166	30546	Cir	Smith and others, 1987
167	30547	Cir	Smith and others, 1987
168	KM147	Cir	Wilkinson, 1987
169	CH61	Cir	Wilkinson, 1987
170	PM281	Cir	Wilkinson, 1987
171	PM280	Cir	Wilkinson, 1987
172	CH60	Cir	Wilkinson, 1987
173	CH59	Cir	Wilkinson, 1987
174	KM142	Cir	Wilkinson, 1987
175	CH57	Cir	Wilkinson, 1987
176	1933	Cir	Wilkinson, 1987
177	PM278	Cir	Wilkinson, 1987
178	KM114	Cir	Wilkinson, 1987
179	CH56A	Cir	Wilkinson, 1987
180	CH33	Cir	Wilkinson, 1987
181	CH54	Cir	Wilkinson, 1987
182	LP10	Cir	Warner and others, 1988
183	LP19	Cir	Warner and others, 1988
184	LP54	Cir	Warner and others, 1988
185	LP21218	Cir	Warner and others, 1988
186	LP58	Cir	Warner and others, 1988
187	LP63	Cir	Warner and others, 1988
188	LP89	Cir	Warner and others, 1988
189	LP102	Cir	Warner and others, 1988
190	LP104	Cir	Warner and others, 1988
191	LP20730	Cir	Warner and others, 1988
192	LP50	Cir	Warner and others, 1988
193	79AWs75	Cir	DuBois and others, 1986
194	79AWs76	Cir	DuBois and others, 1986
195	79AWs77	Cir	DuBois and others, 1986
196	79AWs80	BigD	DuBois and others, 1986
197	79AWs85	Cir	DuBois and others, 1986
198	79AWs89	Cir	DuBois and others, 1986
199	79AWs94A	Cir	DuBois and others, 1986
200	79AWs101	Liv	DuBois and others, 1986
201	JB135	Fbx	Blum, 1983
202	JB137	Fbx	Blum, 1983
203	JB142	Fbx	Blum, 1983
204	JB143	Fbx	Blum, 1983
205	JB144	Fbx	Blum, 1983
206	JB145	Fbx	Blum, 1983
207	JB146	Fbx	Blum, 1983
208	JB148	Fbx	Blum, 1983
209	JB149	Fbx	Blum, 1983; Allegro, 1987
210	JB152	Fbx	Blum, 1983
211	JB161	Fbx	Blum, 1983
212	JB162	Fbx	Blum, 1983

213	JB165	Fbx	Blum, 1983
214	JB166b	Fbx	Blum, 1983
215	JB167	Fbx	Blum, 1983
216	JB173	Fbx	Blum, 1983
217	JB175	Fbx	Blum, 1983
218	JB179	Fbx	Blum, 1983
219	JB186	Fbx	Blum, 1983
220	JB189	Fbx	Blum, 1983
221	JB192	Fbx	Blum, 1983
222	JB194	Fbx	Blum, 1983
223	JB195	Fbx	Blum, 1983
224	JB214	Liv	Blum, 1983
225	JB106	Fbx	Blum, 1983
226	JB108	Fbx	Blum, 1983
227	JB116a	Fbx	Blum, 1983
228	JB127	Fbx	Blum, 1983
229	JB128	Fbx	Blum, 1983
230	JB132	Fbx	Blum, 1983
231	JB134	Fbx	Blum, 1983
232	JB213	Liv	Blum, 1983
233	JB215	Liv	Blum, 1983
234	JB201	Liv	Blum, 1983
235	JB203	Liv	Blum, 1983
236	JB205	Liv	Blum, 1983
237	JB207	Liv	Blum, 1983
238	JB211	Liv	Blum, 1983
239	JB216	Liv	Blum, 1983
240	JB218	Liv	Blum, 1983
241	JB133	Fbx	Blum, 1983
242	JB139	Fbx	Blum, 1983
243	JB141	Fbx	Blum, 1983
244	JB150	Fbx	Blum, 1983
245	JB191	Fbx	Blum, 1983
251	Ci53	Cir	Burton and others, 1985
252	Ci38	Cir	Burton and others, 1985
253	Ci41	Cir	Burton and others, 1985
254	Ci42	Cir	Burton and others, 1985
255	Ci59	Cir	Burton and others, 1985
275	2294	Fbx	Allegro, 1987
278	84TS43	BigD	Solie and others, 1990
279	84TS44	BigD	Solie and others, 1990
280	84TS45	BigD	Solie and others, 1990
281	84TS46	BigD	Solie and others, 1990
282	84TS48	Circ	Burns and others, 1991
283	89RN105	Fbx	Burns and others, 1991
284	89RN112	Fbx	Burns and others, 1991
285	2880	Circ	Burns and others, 1991
286	2890	BigD	Solie and others, 1990
287	2911	BigD	Solie and others, 1990
318	88RN300AP	BigD	Burns and others, 1991
319	88RN300BL	BigD	Burns and others, 1991
320	88RN301	BigD	Burns and others, 1991
321	88RN301M	BigD	Burns and others, 1991
322	88RN303AP	BigD	Burns and others, 1991

323	MOSQUITO-1		Burns and others, 1991
324	TAUR-1	Tan	Burns and others, 1991
325	AS-1	Tan	Burns and others, 1991
326	TOK-1	Tan	Burns and others, 1991
327	TOK-2	Tan	Burns and others, 1991
328	TOK-3	Tan	Burns and others, 1991
329	63AFr223	Eag	Newberry and others, 1990
330	64AFr31	Eag	Newberry and others, 1990
331	64AFr79	Eag	Newberry and others, 1990
332	64AFr138	Eag	Newberry and others, 1990
333	64AFr142	Eag	Newberry and others, 1990
334	64AFr172	Eag	Newberry and others, 1990
335	64AFr227	Eag	Newberry and others, 1990
336	68AFr107	Eag	Newberry and others, 1990
337	68AFr227	Eag	Newberry and others, 1990
338	69AFr664	Eag	Newberry and others, 1990
339	69AFr696	Eag	Newberry and others, 1990
340	69AFr721	Eag	Newberry and others, 1990
341	69AFr900A	Eag	Newberry and others, 1990
342	70AFr310	Eag	Newberry and others, 1990
343	70AFr430	Eag	Newberry and others, 1990
344	70AFr466	Eag	Newberry and others, 1990
345	70AFr2466B	Eag	Newberry and others, 1990
346	70AFr2467	Eag	Newberry and others, 1990
347	70AFr2471	Eag	Newberry and others, 1990
348	70AFr2497A	Eag	Newberry and others, 1990
349	70AFr2497B	Eag	Newberry and others, 1990
350	70AWr67B	Eag	Newberry and others, 1990
351	71AFr99	Eag	Newberry and others, 1990
352	71AFr357	Eag	Newberry and others, 1990
353	71AFr363	Eag	Newberry and others, 1990
354	71AFr717	Eag	Newberry and others, 1990
355	71AFr718	Eag	Newberry and others, 1990
356	71AFr719	Eag	Newberry and others, 1990
357	71AFr728	Eag	Newberry and others, 1990
358	71AWr86A	Eag	Newberry and others, 1990
359	74ARh70	Nab	Burns and others, 1991
360	90RN09	Tan	Burns and others, 1991
361	90RN10	Tan	Burns and others, 1991
362	90RN20a	Nab	Burns and others, 1991
363	90RN20b	Nab	Burns and others, 1991
364	90RN21	Nab	Burns and others, 1991
365	90RN22	Tan	Burns and others, 1991
366	90RN25a	Tan	Burns and others, 1991
367	90RN25b	Tan	Burns and others, 1991
368	70AMn16	Nab	Richter and others, 1975
369	67ACx211	Nab	Richter and others, 1975
370	68ARh369	Nab	Richter and others, 1975
371	70AMn106	Nab	Richter and others, 1975
372	71ARh76	Nab	Richter and others, 1975
373	71ARh77	Nab	Richter and others, 1975
374	71ARh117	Nab	Richter and others, 1975
375	4514	Cir	Burns and others, 1991
376	4515	Cir	Burns and others, 1991

377	4516	Cir	Burns and others, 1991
378	4517	Cir	Burns and others, 1991
379	4518	Cir	Burns and others, 1991
380	4519	Cir	Burns and others, 1991
381	4520	Cir	Burns and others, 1991
382	4521	Cir	Burns and others, 1991
383	4522	Cir	Burns and others, 1991
384	4523	Cir	Burns and others, 1991
385	4524	Cir	Burns and others, 1991

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TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	Al2O3	Fe2O3	FeO	FeO_TOTAL	MNO	MGO	CAO
1	74AFr613	Big	71.10	15.10	0.50	2.00	2.45	0.03	0.90	3.00
2	75ASJ538	Big	66.80	15.64	0.77	3.39	4.08	0.09	1.77	4.22
3	75AFr2175	Big	66.08	16.59	0.96	2.78	3.64	0.08	1.58	3.99
4	75AFr2184	Big	69.95	14.64	0.77	2.27	2.96	0.07	0.89	2.52
5	72AFr216	Big	69.80	14.20	0.71	2.00	2.64	0.07	0.95	2.50
6	70AWr319	Big	75.40	13.20	0.59	0.10	0.63	0.02	0.10	0.00
7	PVF1-1-63	Tan	42.87	11.17	7.98	4.78	11.95	0.16	13.82	9.56
8	PVF2-9-63	Tan	42.84	10.45	4.64	8.14	12.31	0.17	14.36	9.96
9	63AFr2c	Eag	58.90	15.17	1.75	5.37	6.94	0.16	3.48	6.18
10	64AFr2	Eag	66.51	15.97	1.08	3.19	4.16	0.09	1.65	4.01
11	64AFr70	Eag	68.30	15.70	0.50	2.40	2.85	0.07	1.20	3.00
12	68AFr68	Eag	64.40	17.10	2.00	2.20	4.00	0.10	1.30	5.00
13	68AFr2038	Eag	65.70	15.90	1.10	3.20	4.19	0.10	1.50	4.10
14	69AWr87	Eag	73.70	14.20	0.40	1.20	1.56	0.05	0.32	1.20
15	69AFr485	Eag	59.20	13.60	2.10	4.70	6.59	0.14	4.40	5.70
16	69AFr674	Eag	71.20	15.30	0.30	1.80	1.87	0.08	0.53	1.90
17	69AFr689	Eag	66.00	16.60	0.60	3.10	3.64	0.08	1.50	3.50
18	69AFr900	Eag	65.87	16.72	1.45	2.60	3.90	0.14	1.31	4.74
19	69AFr901	Eag	61.78	13.24	1.75	5.37	6.94	0.15	3.32	5.67
20	70AFr179	Eag	58.80	15.60	1.90	4.70	6.41	0.14	3.70	7.10
21	70AFr225	Eag	66.00	17.10	1.60	1.70	3.14	0.07	1.20	3.90
22	70AFr312	Eag	65.10	14.60	1.80	2.50	4.12	0.08	2.10	4.00
23	70AFr372	Eag	74.80	14.20	0.28	0.84	1.09	0.00	0.14	0.84
24	70AFr437a	Eag	65.10	16.80	0.76	3.40	4.08	0.03	1.70	4.00
25	70AFr45b	Eag	65.30	17.20	0.48	3.20	3.63	0.05	1.30	3.00
26	70AFr995	Eag	63.90	17.20	1.90	2.30	4.01	0.11	1.40	5.70
27	70AFr307b	Eag	71.60	14.70	0.20	1.60	1.78	0.04	0.70	1.30
28	70AFr3112	Eag	69.00	15.70	0.22	1.80	2.00	0.00	1.10	2.20
29	71AWr80	Eag	68.30	15.50	0.50	2.60	3.05	0.08	1.20	2.90
30	71AWr90	Eag	71.20	14.90	0.60	2.00	2.54	0.08	0.50	2.10
31	71AFr185	Eag	69.70	14.90	0.60	2.10	2.64	0.07	1.10	2.90
32	71AFr201	Eag	66.70	15.40	0.80	2.90	3.62	0.08	1.50	3.50
33	71AFr341	Eag	69.70	15.70	0.50	2.70	3.15	0.09	1.20	3.10
34	71AFr348	Eag	66.00	15.50	1.00	3.10	4.00	0.10	1.50	3.60
35	71AFr364	Eag	63.20	17.60	0.90	3.40	4.21	0.09	0.88	5.10
36	71AFr507	Eag	62.20	13.50	2.00	4.40	6.20	0.16	3.30	4.60
37	71AFr596b	Eag	60.20	15.70	1.00	4.90	5.80	0.14	5.20	5.90
38	71AFr635	Eag	67.50	15.80	1.10	2.30	3.29	0.08	1.20	3.30
39	71AFr662	Eag	66.00	16.20	1.30	2.50	3.67	0.10	1.40	3.50
40	71AFr664	Eag	63.30	16.80	1.20	3.40	4.48	0.10	2.40	4.70
41	71AFr701	Eag	70.40	15.20	0.40	1.80	2.16	0.05	0.60	2.00

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FeO	FeO_TOTAL	MNO	MGO	CAO
42	71AFr793	Eag	74.20	14.10	0.30	1.00	1.27	0.04	0.40	1.80
43	71AFr800	Eag	68.70	15.80	0.30	1.60	1.87	0.04	0.70	1.80
44	71AFr2024	Eag	75.20	13.30	0.20	1.00	1.18	0.02	0.35	1.70
45	71AFr2025	Eag	67.50	15.20	0.60	3.10	3.64	0.08	1.30	3.50
46	71AFr2179	Eag	65.40	15.90	1.00	3.40	4.30	0.12	1.70	4.50
47	73AFr3191	Eag	53.30	16.80	3.70	4.70	8.02	0.17	4.40	8.30
48	66AWr78	Blg	67.00	15.10	0.98	2.30	3.18	0.08	0.89	2.28
49	73AWr88h	Blg	73.20	13.20	0.43	1.30	1.69	0.04	0.12	1.00
50	73AWr88k	Blg	74.40	13.70	0.62	0.40	0.96	0.02	0.11	0.36
51	74AFr638a	Blg	70.00	14.70	0.39	2.20	2.55	0.07	0.86	2.21
52	74AFr646a	Blg	73.80	13.00	0.52	0.60	1.07	0.03	0.23	1.15
53	74AFr771a	Blg	65.80	16.10	1.26	2.60	3.73	0.12	1.25	3.78
54	74AFr777c	Blg	71.40	14.40	0.10	1.90	1.99	0.07	0.57	1.92
55	74AFr3001	Blg	64.10	15.30	1.07	3.20	4.16	0.09	2.83	4.05
56	74AWr177a	Blg	68.60	15.70	0.52	2.80	3.27	0.07	0.99	3.62
57	74AWr198	Blg	69.40	14.90	0.84	2.50	3.07	0.10	1.01	2.77
58	74AWr202a	Blg	75.60	12.70	0.58	0.50	1.02	0.06	0.05	0.43
59	74AWr233	Blg	74.90	13.20	0.43	0.90	1.29	0.08	0.19	0.76
60	74AWr254a	Blg	73.00	14.40	0.21	0.90	1.09	0.05	0.32	1.85
61	74AWr370	Blg	55.80	16.40	1.03	6.00	6.92	0.12	4.08	6.91
62	74AFr207a	Blg	73.30	14.00	0.30	0.60	0.87	0.04	0.12	0.95
63	72AFr215	Blg	69.50	14.60	0.57	2.20	2.71	0.06	0.79	2.83
64	75AFr238	Blg	68.80	15.20	0.25	2.80	2.82	0.07	0.96	2.76
65	75AFr630	Blg	75.00	12.30	0.48	1.10	1.53	0.03	0.03	0.50
66	75AFr636b	Blg	75.60	12.40	0.29	1.00	1.26	0.02	0.03	0.60
67	75AFr663a	Blg	67.90	15.60	0.65	2.80	3.38	0.04	1.20	3.35
68	75AFr675	Blg	62.50	15.80	0.95	4.20	5.05	0.10	2.24	4.99
69	75AFr733	Blg	65.60	15.90	0.37	3.70	4.03	0.10	1.34	4.07
70	75AFr754b	Blg	75.00	13.40	0.19	0.20	0.37	0.02	0.08	0.60
71	75AFr761a	Blg	69.80	14.50	0.76	1.60	2.28	0.07	0.63	1.68
72	75AFr3308	Blg	61.90	16.10	0.47	4.80	5.22	0.12	2.28	4.75
73	75AFr2005/6	Blg	74.10	13.90	0.32	0.70	0.99	0.04	0.31	1.03
74	75AFr2025	Blg	70.00	14.50	0.56	2.60	3.10	0.08	0.66	2.77
75	75AFr2171	MtH	68.40	15.20	1.11	1.90	2.90	0.08	1.06	3.22
76	75AFr2175	Blg	64.80	16.40	0.96	2.90	3.76	0.09	1.59	4.13
77	75AFr2182	Blg	54.30	16.00	0.96	6.80	7.66	0.15	4.68	8.28
78	75AFr3067	Blg	59.40	15.20	1.03	5.80	6.72	0.14	4.30	7.06
79	75AFr3142	Blg	69.90	14.60	0.95	1.60	2.45	0.08	0.81	1.76
80	75AFr3151	Blg	66.80	15.40	0.48	2.60	3.01	0.07	1.23	3.32
81	75AFr3159	Blg	63.80	16.90	0.46	3.70	4.11	0.09	1.82	3.60
82	75AWr181a	Blg	72.20	14.10	0.37	1.10	1.43	0.05	0.36	1.18

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FEO	FEO_TOTAL	MNO	MGO	CAO
83	75AWr544	Blg	70.20	15.70	0.30	1.60	1.87	0.04	0.59	1.96
84	76AFr516	Blg	57.30	16.90	1.15	6.80	7.83	0.15	2.56	7.05
85	77AWr174	Blg	73.90	14.30	0.22	0.80	1.00	0.03	0.20	0.78
86	77AWr423	Blg	64.10	16.70	1.26	2.80	3.93	0.10	1.58	4.52
87	74AFr3133a	Blg	67.80	15.20	0.68	2.60	3.21	0.09	1.16	3.10
88	ECPD-46	Llv	73.62	14.35	0.65	0.82	1.40	0.03	0.11	1.04
89	ECC-1-228	Llv	69.85	15.63	0.55	3.84	4.33	0.06	0.64	2.07
90	ECP-4-16	Llv	70.96	16.27	1.19	1.22	2.29	0.01	0.23	0.23
91	ECC-2-124	Llv	74.19	13.64	0.05	1.11	1.15	0.05	0.34	1.46
92	ECPD-205	Llv	61.63	15.53	1.92	4.95	6.67	0.13	2.72	5.90
93	ECPD-35	Llv	65.09	16.02	0.06	4.15	4.20	0.11	2.04	4.52
94	ECC-4-26	Llv	59.67	17.17	1.17	5.76	6.81	0.13	2.56	6.33
95	AP-1	Fbx	78.47	10.94	0.63	0.49	1.05	0.03	0.86	0.86
96	HL-1	Blg	54.35	17.09	0.97	7.61	8.48	0.14	4.90	8.00
97	MtFairplaySy	Tan	55.36	18.96	2.65	4.16	6.54	0.10	1.59	5.75
98	12-BirchHill	Fbx	50.50	15.13	3.81	7.32	10.74	0.06	5.60	8.82
99	10-MillersBl	Fbx	52.22	16.91	0.85	7.61	8.37	0.13	6.91	8.20
100	MCD82	Llv	48.84	18.18	1.63	9.11	10.57	0.13	4.37	8.16
101	MCD56	Llv	47.00	15.68	6.60	6.22	12.15	0.11	5.29	6.42
102	MCD59	Llv	46.63	15.42	1.79	9.80	11.41	0.19	7.37	9.54
103	MCD96	Llv	43.30	14.04	3.34	9.51	12.51	0.17	8.96	11.34
104	63ABa3001	Tan	70.50	14.50	1.10	1.80	2.79	0.08	1.00	1.90
105	62ACn544	ChR	67.50	15.50	1.00	3.00	3.90	0.07	1.80	3.20
106	62ABa2421	ChR	74.10	12.40	0.92	1.80	2.63	0.10	0.56	0.35
107	62ABa2415	ChR	73.90	15.10	0.22	0.48	0.68	0.04	0.80	0.82
108	62ABa2424a	ChR	75.90	13.40	0.10	0.80	0.89	0.14	0.75	1.70
109	61ABa1634	ChR	73.90	14.50	0.07	0.36	0.42	0.03	0.65	1.10
110	63aBa3084	Eag	41.90	14.70	1.80	7.80	9.42	0.17	5.40	6.90
111	62ABa2490	ChR	43.00	12.80	2.80	9.40	11.91	0.23	12.50	9.40
112	60ABa297	Eag	48.30	11.30	5.50	6.60	11.54	0.18	5.00	11.00
113	TS222	Cir	73.00	12.50	0.78	0.30	1.00	0.14	0.13	2.13
114	MW111	Cir	85.10	7.19	0.59	0.00	0.53	0.02	0.14	0.28
115	RR151	Cir	74.80	12.50	0.26	1.40	1.63	0.03	0.17	0.71
116	TS52	Cir	74.80	12.50	0.47	1.40	1.82	0.03	0.18	0.84
117	TS60a	Cir	76.80	11.70	0.36	1.20	1.52	0.03	0.09	0.65
118	DNS93	Cir	77.20	11.70	0.58	1.20	1.72	0.03	0.07	0.88
119	DNS110	Cir	76.00	12.00	0.41	1.10	1.47	0.03	0.10	0.73
120	TS60b	Cir	76.60	12.50	0.34	1.00	1.31	0.03	0.06	0.72
121	TS67	Cir	76.00	12.30	0.41	1.10	1.47	0.03	0.12	0.70
122	DNS113	Cir	75.60	12.50	0.32	1.30	1.59	0.04	0.11	0.74
123	MW15a	Cir	75.50	13.30	0.29	0.80	1.06	0.02	0.04	0.80

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	QUAD	SiO2	Al2O3	Fe2O3	FeO	FeO_TOTAL	MnO	MgO	CaO
124 LB25	Cir	74.90	12.70	0.40	0.50	0.86	0.03	0.06	0.66
125 DA116	Cir	76.30	13.60	0.19	0.20	0.37	0.01	0.02	0.59
126 DA19c	Cir	75.40	13.80	0.13	0.40	0.52	0.02	0.03	0.93
127 RN130	Cir	74.30	12.80	0.45	1.00	1.40	0.06	0.15	0.59
128 TS58	Cir	74.50	13.10	0.31	1.30	1.58	0.06	0.17	0.49
129 RR149	Cir	76.10	12.40	0.29	1.10	1.36	0.06	0.18	0.63
130 DNS124	Cir	75.40	13.50	0.26	1.00	1.23	0.07	0.17	0.80
131 MA89	Cir	76.00	12.50	0.28	1.10	1.35	0.05	0.16	0.50
132 DNS106	Cir	76.00	13.40	0.24	0.70	0.92	0.07	0.07	0.60
133 MA103	Cir	75.60	13.10	0.33	1.10	1.40	0.05	0.19	0.91
134 RN127	Cir	75.30	13.20	0.17	0.69	0.84	0.06	0.07	0.39
135 MW73	Cir	73.20	13.70	0.29	1.10	1.36	0.06	0.28	0.73
136 DA137	Cir	75.70	14.10	0.29	0.60	0.86	0.07	0.05	0.41
137 RN175e	Cir	74.30	14.90	0.25	0.40	0.62	0.07	0.00	0.37
138 DNS122	Cir	74.20	15.10	0.24	0.40	0.62	0.07	0.01	0.49
139 DNS121	Cir	75.20	13.20	0.28	0.70	0.95	0.06	0.09	0.39
140 DNS119	Cir	74.40	13.90	0.38	0.50	0.84	0.05	0.08	0.31
141 DA186	Cir	73.60	15.10	0.34	0.00	0.31	0.05	0.00	0.41
142 GP180	Cir	73.60	14.80	0.43	0.80	1.19	0.06	0.30	1.01
143 GP157	Cir	71.40	14.40	0.41	1.70	2.07	0.08	0.58	1.79
144 DNS178	Cir	74.00	14.20	0.32	0.90	1.19	0.06	0.31	0.92
145 DNS180	Cir	73.70	13.90	0.50	1.00	1.45	0.06	0.35	1.09
146 MA114	Cir	71.60	14.00	0.57	0.70	1.21	0.09	0.30	0.93
147 DNS179	Cir	76.30	13.80	0.40	0.00	0.36	0.02	0.01	0.30
148 RR129b	Cir	75.70	13.80	0.15	0.00	0.13	0.01	0.03	0.39
149 RR135	Cir	76.60	13.10	0.19	0.00	0.17	0.01	0.03	0.46
150 DA217c	Cir	75.00	13.00	0.22	0.60	0.80	0.03	0.45	1.08
151 RN196b	Cir	69.20	13.80	1.02	3.00	3.92	0.10	1.77	0.78
152 RN183-185	Cir	76.40	13.10	0.17	0.10	0.25	0.01	0.14	0.32
153 DNS111	Cir	49.10	15.70	1.72	6.70	8.24	0.23	6.15	8.39
154 DNS52	Cir	60.80	16.20	1.34	6.80	8.00	0.14	6.28	7.14
155 MA224	Cir	67.50	13.80	2.09	5.00	6.88	0.17	4.67	3.60
156 GP283b	Cir	55.10	14.50	1.48	6.00	7.33	0.16	4.23	5.30
157 5S283b	Cir	55.20	14.00	1.41	6.00	7.27	0.14	5.30	5.18
158 RS87	Cir	62.50	14.50	0.59	3.00	3.53	0.06	2.31	3.57
159 GP282	Cir	65.20	15.20	0.04	3.00	3.04	0.07	1.28	3.10
160 LB43a	Cir	74.00	12.80	0.45	1.00	1.40	0.04	0.04	0.34
161 RN178a	Cir	71.70	15.50	0.51	1.00	1.46	0.08	0.04	0.14
162 LB44	Cir	73.10	14.40	0.00	1.00	1.00	0.08	0.01	0.16
163 LB94	Cir	74.90	13.50	0.19	0.60	0.77	0.04	0.01	0.27
164 JB39	Cir	47.90	10.00	2.67	4.00	6.40	0.13	7.88	8.53

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FEO	FEO_TOTAL	MNO	MGO	CAO
165	30545	Cir	77.70	11.60	0.39	0.20	0.55	0.02	0.00	0.41
166	30546	Cir	75.90	12.60	0.56	0.50	1.00	0.03	0.00	0.04
167	30547	Cir	76.40	12.70	0.41	0.40	0.77	0.05	0.00	0.64
168	KM147	Cir	76.03	12.96	0.15	1.83	1.96	0.05	0.09	0.74
169	CH61	Cir	76.62	12.83	0.24	1.81	2.03	0.05	0.11	0.74
170	PM281	Cir	75.64	13.82	0.49	1.01	1.45	0.05	0.11	0.58
171	PM280	Cir	71.77	13.62	0.56	3.14	3.64	0.08	0.39	1.54
172	CH60	Cir	77.33	12.34	0.40	1.68	2.04	0.06	0.06	0.51
173	CH59	Cir	71.91	13.69	0.21	2.96	3.15	0.07	0.34	1.45
174	KM142	Cir	76.34	13.59	0.24	1.08	1.30	0.03	0.09	0.48
175	CH57	Cir	76.00	12.99	0.41	1.80	2.17	0.07	0.04	0.76
176	1933	Cir	71.82	14.60	0.52	2.89	3.16	0.09	0.81	3.44
177	PM278	Cir	72.30	14.69	0.09	2.01	2.09	0.07	0.42	1.35
178	KM114	Cir	64.78	17.14	1.71	3.31	4.85	0.09	1.00	4.05
179	CH56A	Cir	71.13	15.51	0.10	1.96	2.04	0.07	0.65	2.50
180	CH33	Cir	69.19	15.83	0.59	2.49	3.02	0.12	0.77	2.69
181	CH54	Cir	72.71	14.75	0.34	1.86	2.17	0.07	0.52	2.14
182	LP10	Cir	74.00	12.70	-0.10	-0.10	2.25	-0.10	0.15	0.85
183	LP19	Cir	74.50	12.30	-0.10	-0.10	2.25	-0.10	0.10	0.80
184	LP54	Cir	75.50	12.30	0.26	1.84	2.17	-0.10	0.19	0.76
185	LP21218	Cir	75.00	12.30	-0.10	-0.10	1.93	-0.10	0.05	0.85
186	LP58	Cir	75.70	12.40	0.18	1.52	1.68	-0.10	0.04	0.67
187	LP63	Cir	77.30	12.10	0.27	1.83	2.07	-0.10	0.09	0.86
188	LP89	Cir	77.00	12.30	0.43	1.37	1.76	-0.10	0.05	0.45
189	LP102	Cir	77.40	12.40	0.12	1.68	1.79	-0.10	0.03	0.68
190	LP104	Cir	76.50	12.20	0.22	1.56	1.78	-0.10	0.03	0.80
191	LP20730	Cir	74.00	13.60	-0.10	-0.10	1.08	-0.10	0.00	0.50
192	LP50	Cir	71.50	14.80	-0.10	-0.10	0.81	-0.10	0.00	0.70
193	79AWs75	Cir	64.30	15.90	1.88	2.16	3.83	0.06	1.16	2.59
194	79AWs76	Cir	76.30	12.20	0.39	1.19	1.54	0.02	0.12	0.49
195	79AWs77	Cir	72.40	13.70	0.41	1.86	2.03	0.05	0.50	1.07
196	79AWs80	Blg	72.40	14.20	0.41	1.74	2.11	0.04	0.36	2.85
197	79AWs85	Cir	75.20	14.40	0.85	0.85	1.81	0.20	0.11	0.24
198	79AWs89	Cir	66.30	16.20	0.66	3.22	3.81	0.05	1.26	3.43
199	79AWs94A	Cir	71.00	14.30	0.42	2.03	2.41	0.03	0.55	2.70
200	79AWs101	Llv	42.00	6.99	5.90	9.45	14.75	0.32	8.25	12.70
201	JB135	Fbx	74.95	11.85	0.47	2.84	3.26	0.10	0.47	1.98
202	JB137	Fbx	77.67	12.13	0.20	1.13	1.31	0.04	0.00	1.37
203	JB142	Fbx	71.15	14.50	0.45	2.93	3.33	0.08	0.54	2.36
204	JB143	Fbx	70.00	14.23	0.27	2.57	2.81	0.08	0.51	2.33
205	JB144	Fbx	69.65	13.58	0.46	3.33	3.74	0.10	0.95	2.22

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FeO	FeO_TOTAL	MNO	MGO	CAO
206 JB145	Fbx	74.72	14.38	0.29	1.53	1.79	0.06	0.24	1.66
207 JB146	Fbx	71.76	12.75	0.41	2.79	3.16	0.10	0.56	2.13
208 JB148	Fbx	71.43	13.90	0.42	2.61	2.99	0.17	0.42	2.21
209 JB149	Fbx	74.85	13.05	0.11	1.32	1.42	0.04	0.00	1.48
210 JB152	Fbx	74.30	12.52	0.18	1.55	1.71	0.06	0.03	1.58
211 JB161	Fbx	72.95	14.40	0.64	1.49	2.06	0.07	0.38	1.91
212 JB162	Fbx	76.68	12.89	0.35	0.54	0.85	0.10	0.11	0.98
213 JB165	Fbx	72.88	13.79	0.41	0.19	0.56	0.07	0.30	1.95
214 JB166b	Fbx	74.69	13.14	0.15	0.63	0.78	0.03	0.00	1.21
215 JB167	Fbx	72.57	14.23	0.53	1.85	2.33	0.08	0.57	1.99
216 JB173	Fbx	74.85	13.93	0.43	1.31	1.70	0.06	0.31	2.38
217 JB175	Fbx	72.53	13.88	0.57	1.98	2.49	0.08	0.53	2.26
218 JB179	Fbx	74.00	13.75	0.29	1.31	1.57	0.05	0.23	1.50
219 JB186	Fbx	74.46	13.43	0.47	1.53	1.95	0.05	0.36	1.73
220 JB189	Fbx	73.58	14.11	0.38	1.53	1.87	0.05	0.35	1.70
221 JB192	Fbx	73.57	13.73	0.47	1.44	1.86	0.05	0.33	1.70
222 JB194	Fbx	76.13	12.77	0.24	0.68	0.90	0.03	0.09	1.58
223 JB195	Fbx	70.90	14.50	0.49	2.21	2.65	0.08	0.65	2.52
224 JB214	Liv	72.76	13.80	0.40	1.22	1.58	0.04	0.50	1.75
225 JB106	Fbx	68.67	14.75	0.80	2.68	3.40	0.07	0.88	2.25
226 JB108	Fbx	70.16	14.77	0.29	1.31	1.57	0.05	0.50	2.16
227 JB116a	Fbx	72.52	13.98	0.47	1.49	1.91	0.04	0.52	2.34
228 JB127	Fbx	69.76	14.80	0.58	2.61	3.13	0.08	0.96	2.85
229 JB128	Fbx	70.30	14.83	0.68	2.12	2.73	0.05	0.80	2.72
230 JB132	Fbx	71.61	14.76	0.40	1.94	2.30	0.04	0.67	2.37
231 JB134	Fbx	74.08	13.02	0.57	2.52	3.03	0.09	0.45	2.06
232 JB213	Liv	70.61	14.80	0.65	2.16	2.74	0.05	0.66	2.97
233 JB215	Liv	67.03	15.05	0.95	3.15	4.00	0.09	1.07	3.53
234 JB201	Liv	59.36	16.52	1.09	5.67	6.65	0.12	3.81	6.62
235 JB203	Liv	59.65	16.05	1.00	6.03	6.93	0.14	3.72	6.20
236 JB205	Liv	61.95	16.34	1.08	5.07	6.04	0.12	2.56	5.43
237 JB207	Liv	62.47	15.78	1.11	5.36	6.36	0.12	2.94	5.61
238 JB211	Liv	65.36	15.99	1.29	3.96	5.12	0.08	1.19	3.50
239 JB216	Liv	65.34	14.85	0.83	4.41	5.16	0.09	1.52	4.55
240 JB218	Liv	63.49	15.78	0.59	4.37	4.90	0.11	2.42	4.55
241 JB133	Fbx	75.06	13.83	0.76	1.22	1.90	0.03	0.00	0.20
242 JB139	Fbx	76.27	12.59	0.10	1.04	1.13	0.10	0.00	0.97
243 JB141	Fbx	75.26	12.94	0.18	0.95	1.11	0.04	0.02	1.01
244 JB150	Fbx	73.15	13.68	1.13	1.45	2.46	0.01	0.00	0.29
245 JB191	Fbx	74.42	13.59	0.96	0.59	1.45	0.02	0.00	0.28
251 Ci53	Clr	75.00	12.30	0.00	0.00	1.93	0.04	0.05	0.85

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FeO	FeO_TOTAL	MNO	MGO	CAO
252 CI38	Clr	74.00	12.70	0.00	0.00	2.25	0.03	0.15	0.85
253 CI41	Clr	74.50	12.30	0.00	0.00	1.98	0.04	0.10	0.80
254 CI42	Clr	71.50	14.80	0.00	0.00	0.81	0.13	0.00	0.70
255 CI59	Clr	74.00	13.60	0.00	0.00	1.08	0.06	0.00	0.50
275 2294	Fbx	75.56	13.20	0.07	0.14	0.20	0.02	0.07	0.61
278 84TS43	Blg	67.10	15.00	0.88	3.00	3.79	0.08	1.46	3.45
279 84TS44	Blg	67.40	15.20	0.62	3.00	3.56	0.08	1.23	3.31
280 84TS45	Blg	67.50	15.20	0.61	2.90	3.45	0.08	1.19	3.24
281 84TS46	Blg	69.40	15.10	0.41	2.60	2.97	0.06	0.79	2.71
282 84TS48	Clr	71.80	15.10	0.43	0.90	1.29	0.03	0.42	1.10
283 89RN105	Fbx	69.90	14.40	0.34	1.40	1.71	0.02	0.76	1.51
284 89RB112	Fbx	71.50	14.80	0.19	1.00	1.17	0.02	0.84	1.51
285 2880	Blg	71.80	14.14	0.44	1.64	2.04	0.06	0.50	2.22
286 2890	Blg	71.34	14.97	0.32	1.22	1.51	0.03	0.43	1.82
287 2911	Blg	68.96	14.41	0.73	2.73	3.39	0.07	1.03	2.87
318 88RN300AP	Blg	76.29	13.09	0.52	0.15	0.62	0.01	0.11	0.58
319 88RN300BL	Blg	67.43	16.61	1.21	1.65	2.74	0.08	0.71	2.93
320 88RN301	Blg	68.61	15.03	1.75	1.40	2.97	0.07	0.70	2.58
321 88RN301M	Blg	61.72	16.34	2.03	4.10	5.92	0.14	1.83	4.01
322 88RN303AP	Blg	76.81	12.84	0.27	0.15	0.39	0.01	0.01	0.20
323 MOSQUITO-1	Tan	66.00	16.30	1.54	2.00	3.38	0.16	1.59	3.71
324 TAUR-1	Tan	59.70	16.40	5.08	1.20	6.76	0.21	2.33	4.40
326 AS-1	Tan	66.30	16.10	1.16	2.50	3.54	0.10	1.52	3.60
326 TOK-1	Tan	65.10	15.50	1.66	1.90	3.39	0.07	1.51	2.71
327 TOK-2	Tan	63.70	16.10	1.63	2.70	4.16	0.10	2.07	3.73
328 TOK-3	Tan	65.00	15.60	1.93	1.80	3.53	0.14	1.69	3.61
329 63AFr223	Eag	68.10	15.10	1.14	1.30	2.32	0.08	0.87	2.86
330 64AFr31	Eag	62.20	16.40	1.52	4.20	5.56	0.18	2.07	5.10
331 64AFr79	Eag	70.80	15.10	0.69	1.00	1.62	0.05	0.75	2.83
332 64AFr138	Eag	66.80	15.60	1.37	2.50	3.73	0.10	1.47	3.62
333 64AFr142	Eag	64.70	15.40	0.95	4.30	6.15	0.08	2.92	4.09
334 64AFr172	Eag	71.60	14.20	0.51	1.70	2.16	0.08	0.79	1.96
335 64AFr227	Eag	66.20	16.00	1.65	2.50	3.98	0.11	1.57	4.00
336 68AFr107	Eag	55.70	14.10	3.46	5.80	8.91	0.19	4.01	6.27
337 68AFr227	Eag	57.50	14.20	4.69	4.40	8.61	0.20	3.58	6.77
338 69AFr664	Eag	67.60	15.50	0.65	2.70	3.28	0.09	1.28	3.58
339 69AFr696	Eag	67.20	15.80	0.83	2.70	3.45	0.09	1.35	3.54
340 69AFr721	Eag	57.20	15.40	0.85	2.70	3.46	0.09	1.39	3.71
341 69AFr900A	Eag	65.80	16.30	1.63	2.30	3.76	0.14	1.35	4.53
342 70AFr310	Eag	72.40	14.60	0.23	1.20	1.41	0.05	0.47	1.43
343 70AFr430	Eag	69.60	15.20	0.73	1.40	2.06	0.06	0.85	1.80

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	AL2O3	FE2O3	FEO	FEO_TOTAL	MNO	MGO	CAO
344	70AFr466	Eag	68.90	15.70	0.48	2.20	2.63	0.07	0.92	2.50
345	70AFr2466B	Eag	66.70	16.10	0.65	2.40	2.98	0.09	1.19	3.03
346	70AFr2467	Eag	71.20	15.10	0.56	1.20	1.70	0.05	0.82	1.72
347	70AFr2471	Eag	73.20	14.40	0.21	1.30	1.49	0.05	0.43	1.26
348	70AFr2497A	Eag	70.90	14.70	0.40	1.60	1.96	0.08	0.67	1.89
349	70AFr2497B	Eag	78.00	13.40	0.40	0.20	0.56	0.04	0.09	0.42
350	70AWr67B	Eag	74.00	13.80	0.41	1.10	1.47	0.06	0.25	1.08
351	71AFr99	Eag	65.00	15.80	1.03	3.30	4.22	0.10	1.76	4.13
352	71AFr367	Eag	65.80	16.00	1.22	2.70	3.80	0.12	1.39	4.18
353	71AFr363	Eag	69.00	15.40	1.03	1.60	2.52	0.06	0.57	2.65
354	71AFr717	Eag	71.30	14.60	0.62	1.20	1.76	0.04	0.53	1.48
355	71AFr718	Eag	71.90	13.90	0.50	1.10	1.55	0.05	0.51	1.32
356	71AFr719	Eag	67.10	15.50	0.71	2.60	3.24	0.09	1.19	3.23
357	71AFr728	Eag	72.50	14.70	0.19	1.20	1.37	0.04	0.53	1.53
358	71AWr86A	Eag	71.70	14.60	0.66	1.40	1.90	0.08	0.35	1.85
359	74ARh70	Nab	73.00	13.80	0.58	1.40	1.92	0.05	0.23	1.12
360	90RN09	Tan	74.30	13.20	1.10	0.40	1.39	0.06	0.31	1.25
361	90RN10	Tan	70.00	14.50	0.87	1.50	2.28	0.72	0.72	2.14
362	90RN20a	Nab	73.10	14.60	0.83	0.30	1.05	0.06	0.35	1.45
363	90RN20b	Nab	76.80	13.10	0.26	0.00	0.24	0.01	0.06	0.59
364	90RN21	Nab	71.20	14.30	0.83	1.10	1.85	0.09	0.63	2.07
365	90RN22	Tan	71.60	14.60	0.92	1.10	1.93	0.08	0.66	1.91
366	90RN25a	Tan	72.50	14.20	1.03	1.20	2.12	0.07	0.61	2.20
367	90RN25b	Tan	77.40	12.70	0.34	0.00	0.31	0.00	0.06	0.39
368	70AMn16	Nab	55.70	17.00	1.80	5.80	7.42	0.15	3.90	6.20
369	67ACx211	Nab	62.20	16.30	0.60	5.00	5.54	0.12	2.50	4.30
370	68ARh369	Nab	68.20	15.60	0.55	2.50	2.99	0.08	1.00	2.60
371	70AMn106	Nab	57.70	17.00	1.40	4.80	5.86	0.14	3.00	5.80
372	71ARh76	Nab	69.70	14.80	0.70	2.00	2.63	0.06	1.10	2.70
373	71ARh77	Nab	61.50	17.20	0.62	4.80	5.36	0.16	2.70	5.40
374	71ARh117	Nab	72.00	15.30	0.50	0.84	1.09	0.13	0.26	1.50
375	4514	Clr	72.01	13.69	0.95	1.65	2.50	0.05	0.40	1.62
376	4515	Clr	73.36	13.79	0.55	1.05	1.54	0.04	0.23	0.90
377	4516	Clr	48.38	16.07	2.10	8.00	9.89	0.26	7.43	9.57
378	4517	Clr	70.19	14.83	0.70	1.85	2.48	0.07	0.50	2.68
379	4518	Clr	64.11	16.28	1.30	3.15	4.32	0.09	1.11	4.21
380	4519	Clr	76.23	12.91	0.20	0.45	0.63	0.03	0.10	1.04
381	4520	Clr	71.22	14.36	0.60	1.50	2.04	0.06	0.40	2.33
382	4521	Clr	70.87	14.59	0.70	1.55	2.18	0.05	0.64	2.43
383	4522	Clr	50.27	14.94	1.85	9.25	10.91	0.18	4.96	8.09
384	4523	Clr	75.48	12.16	1.00	0.90	1.80	0.03	0.10	0.52

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	QUAD	SiO2	Al2O3	Fe2O3	FeO	FeO_TOTAL	MNO	MGO	CAO
365	4524	Clr	75.29	12.03	0.75	1.15	1.82	0.04	0.10	0.51

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
1	74AFr613	3.00	3.50	0.32	0.15	0.68	0.32	0.06	-0.10
2	75ASJ538	2.94	3.28	0.54	0.09	0.61	0.06	0.22	-0.10
3	75AFr2175	3.15	3.39	0.51	0.22	-0.10	-0.10	-0.10	-0.10
4	75AFr2184	3.18	4.22	0.32	0.17	-0.10	-0.10	-0.10	-0.10
5	72AFr216	2.62	4.94	0.33	0.09	-0.10	-0.10	-0.10	0.85
6	70AWr319	3.65	4.54	0.04	0.02	-0.10	-0.10	-0.10	1.08
7	PVF1-1-63	3.71	1.88	2.71	0.96	0.39	0.45	-0.10	-0.10
8	PVF2-9-63	3.78	1.83	2.67	1.03	0.15	0.27	-0.10	-0.10
9	63AFr2c	2.08	4.32	0.76	0.51	1.01	-0.10	0.00	-0.10
10	64AFr2	2.92	3.21	0.59	0.10	0.72	-0.10	0.00	-0.10
11	64AFr70	2.90	3.30	0.47	0.15	0.94	-0.10	0.06	-0.10
12	68AFr66	3.60	2.30	0.42	0.21	0.83	-0.10	0.01	-0.10
13	68AFr2038	2.70	2.60	0.47	0.15	0.91	-0.10	0.01	-0.10
14	69AWr87	3.00	4.10	0.10	0.05	0.75	-0.10	0.01	-0.10
15	69AFr485	2.30	4.10	0.58	0.41	1.00	-0.10	0.04	-0.10
16	69AFr674	3.00	3.60	0.22	0.09	0.79	-0.10	0.07	-0.10
17	69AFr669	2.90	2.90	0.52	0.17	1.10	-0.10	0.06	-0.10
18	69AFr900	3.20	2.72	0.66	0.60	0.48	-0.10	-0.10	-0.10
19	69AFr901	2.57	4.31	0.74	0.51	0.95	-0.10	-0.10	-0.10
20	70AFr179	2.80	2.60	0.65	0.36	0.73	-0.10	0.01	-0.10
21	70AFr225	4.80	2.50	0.42	0.19	0.71	-0.10	0.05	-0.10
22	70AFr312	3.00	4.40	0.44	0.25	0.83	-0.10	0.36	-0.10
23	70AFr372	3.10	4.80	0.13	0.13	0.68	-0.10	0.00	-0.10
24	70AFr437a	2.40	3.70	0.54	0.13	0.89	-0.10	0.00	-0.10
25	70AFr45b	2.90	4.40	0.66	0.23	1.00	-0.10	0.00	-0.10
26	70AFr995	3.60	1.40	0.44	0.25	0.76	-0.10	0.07	-0.10
27	70AFr307b	2.90	5.30	0.27	0.11	0.62	-0.10	0.04	-0.10
28	70AFr3112	2.70	5.40	0.39	0.12	0.84	-0.10	0.00	-0.10
29	71AWr80	2.60	4.10	0.39	0.11	1.10	-0.10	0.02	-0.10
30	71AWr90	2.80	4.20	0.21	0.08	0.76	-0.10	0.01	-0.10
31	71AFr185	2.40	4.20	0.32	0.09	1.00	-0.10	0.07	-0.10
32	71AFr201	2.40	3.70	0.49	0.14	0.90	-0.10	0.03	-0.10
33	71AFr341	3.00	2.50	0.35	0.11	1.60	-0.10	0.06	-0.10
34	71AFr348	2.80	3.00	0.53	0.15	1.80	-0.10	0.06	-0.10
35	71AFr364	3.40	2.40	0.42	0.12	1.20	-0.10	0.01	-0.10
36	71AFr507	2.20	4.00	0.87	0.34	1.30	-0.10	0.01	-0.10
37	71AFr596b	2.10	2.20	0.69	0.00	1.60	-0.10	0.01	-0.10
38	71AFr635	3.00	2.80	0.46	0.17	1.00	-0.10	0.01	-0.10
39	71AFr662	3.00	2.80	0.52	0.18	1.00	-0.10	0.03	-0.10
40	71AFr664	2.40	2.60	0.60	0.16	1.20	-0.10	0.02	-0.10
41	71AFr701	2.90	4.30	0.32	0.14	0.89	-0.10	0.03	-0.10

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	NA2O	K2O	TiO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
42 71AFr793	2.90	4.20	0.15	0.04	0.73	-0.10	0.01	-0.10
43 71AFr800	3.30	4.80	0.33	0.12	1.00	-0.10	0.02	-0.10
44 71AFr2024	2.20	4.40	0.13	0.03	0.40	-0.10	0.02	-0.10
45 71AFr2025	2.50	3.20	0.49	0.12	0.88	-0.10	0.01	-0.10
46 71AFr2179	2.80	2.10	0.49	0.14	1.30	-0.10	0.07	-0.10
47 73AFr3191	3.20	2.60	0.72	0.29	0.91	-0.10	0.02	-0.10
48 66AWr78	3.38	5.07	0.35	0.13	-0.10	-0.10	-0.10	0.77
49 73AWr88h	3.68	4.89	0.12	0.05	-0.10	-0.10	-0.10	1.23
50 73AWr88k	3.72	5.12	0.12	0.05	-0.10	-0.10	-0.10	1.23
51 74AFr638a	3.16	3.65	0.37	0.12	-0.10	-0.10	-0.10	0.93
52 74AFr646a	3.33	5.09	0.12	0.04	-0.10	-0.10	-0.10	0.08
53 74AFr771a	4.00	2.75	0.58	0.17	-0.10	-0.10	-0.10	0.70
54 74AFr777c	3.36	3.53	0.25	0.11	-0.10	-0.10	-0.10	0.93
55 74AFr3001	3.22	3.51	0.61	0.16	-0.10	-0.10	-0.10	0.93
56 74AWr177a	3.43	2.42	0.49	0.16	-0.10	-0.10	-0.10	0.85
57 74AWr196	3.51	3.39	0.39	0.13	-0.10	-0.10	-0.10	0.54
58 74AWr202a	4.29	4.56	0.07	0.02	-0.10	-0.10	-0.10	0.31
59 74AWr233	4.12	4.51	0.13	0.04	-0.10	-0.10	-0.10	0.47
60 74AWr254a	3.79	3.98	0.15	0.05	-0.10	-0.10	-0.10	0.54
61 74AWr370	2.92	2.31	1.38	0.41	-0.10	-0.10	-0.10	0.54
62 74AFr207a	3.94	5.24	0.09	0.04	-0.10	-0.10	-0.10	0.47
63 72AFr215	3.16	4.08	0.36	0.10	-0.10	-0.10	-0.10	1.00
64 75AFr238	3.21	3.72	0.41	0.13	-0.10	-0.10	-0.10	0.77
65 75AFr630	3.85	5.12	0.12	0.02	-0.10	-0.10	-0.10	0.62
66 75AFr636b	3.81	4.67	0.10	0.01	-0.10	-0.10	-0.10	1.08
67 75AFr663a	3.20	3.30	0.48	0.13	-0.10	-0.10	-0.10	0.93
68 75AFr675	2.71	3.32	0.68	0.16	-0.10	-0.10	-0.10	0.85
69 75AFr733	3.43	2.32	0.55	0.16	-0.10	-0.10	-0.10	0.77
70 75AFr754b	4.18	5.06	0.06	0.05	-0.10	-0.10	-0.10	0.54
71 75AFr761a	3.42	4.92	0.43	0.15	-0.10	-0.10	-0.10	0.62
72 75AFr3308	3.01	3.29	0.67	0.17	-0.10	-0.10	-0.10	1.00
73 75AFr2005/6	4.38	4.38	0.17	0.06	-0.10	-0.10	-0.10	0.54
74 75AFr2025	2.85	3.79	0.30	0.06	-0.10	-0.10	-0.10	0.70
75 75AFr2171	3.33	3.64	0.38	0.13	-0.10	-0.10	-0.10	0.85
76 75AFr2175	3.51	3.14	0.53	0.15	-0.10	-0.10	-0.10	0.62
77 75AFr2182	2.34	3.39	0.96	0.28	-0.10	-0.10	-0.10	0.23
78 75AFr3067	2.17	1.99	0.75	0.13	-0.10	-0.10	-0.10	0.77
79 75AFr3142	3.66	4.18	0.26	0.07	-0.10	-0.10	-0.10	0.93
80 75AFr3151	3.14	3.76	0.46	0.14	-0.10	-0.10	-0.10	1.16
81 75AFr3159	3.16	3.27	0.65	0.25	-0.10	-0.10	-0.10	1.00
82 75AWr181a	3.14	4.58	0.19	0.11	-0.10	-0.10	-0.10	1.00

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
83	75AWr544	3.07	5.25	0.33	0.09	-0.10	-0.10	-0.10	0.54
84	76AFr516	1.89	1.86	1.12	0.24	-0.10	-0.10	-0.10	1.39
85	77AWr174	2.93	4.78	0.13	0.15	-0.10	-0.10	-0.10	1.08
86	77AWr423	3.74	2.32	0.56	0.16	-0.10	-0.10	-0.10	0.77
87	74AFr3133a	3.29	3.44	0.43	0.14	-0.10	-0.10	-0.10	0.54
88	ECPD-46	2.84	5.36	0.02	0.01	0.91	0.67	-0.10	-0.10
89	ECC-1-228	2.48	3.56	0.21	0.10	1.05	0.50	-0.10	-0.10
90	ECP-4-16	2.98	5.46	0.03	0.02	1.30	0.50	-0.10	-0.10
91	ECC-2-124	3.69	3.80	0.11	0.03	0.64	0.54	-0.10	-0.10
92	ECPD-205	2.02	2.67	0.85	0.21	1.32	0.63	-0.10	-0.10
93	ECPD-35	2.53	3.50	0.66	0.21	1.06	0.26	-0.10	-0.10
94	ECC-4-26	2.13	3.16	1.03	0.31	1.12	0.13	-0.10	-0.10
95	AP-1	3.67	4.79	0.00	0.00	0.09	0.01	-0.10	-0.10
96	HL-1	2.13	3.23	0.76	0.26	0.29	0.13	-0.10	-0.10
97	MtFairplaySy	4.60	5.40	0.55	0.32	0.58	0.01	-0.10	-0.10
98	12-BlrchHill	3.50	1.54	1.43	0.34	1.79	0.23	-0.10	-0.10
99	10-MillersBl	2.83	1.17	1.19	0.03	1.96	0.14	-0.10	-0.10
100	MCD82	4.83	0.00	2.13	0.06	1.72	0.17	-0.10	-0.10
101	MCD58	3.21	3.19	2.43	0.06	3.82	0.23	-0.10	-0.10
102	MCD59	2.69	1.50	1.87	0.03	3.22	0.21	-0.10	-0.10
103	MCD96	2.68	1.58	1.87	0.07	3.45	0.23	-0.10	-0.10
104	63ABa3001	3.00	4.10	0.31	0.26	0.90	0.30	0.05	-0.10
105	62ACn544	2.20	3.80	0.53	0.16	0.95	0.16	0.11	-0.10
106	62ABa2421	2.40	4.90	0.16	0.20	1.10	0.10	0.10	-0.10
107	62ABa2415	2.90	4.40	0.06	0.27	0.81	0.12	0.00	-0.10
108	62ABa2424a	1.70	4.30	0.11	0.24	0.78	0.07	0.06	-0.10
109	61ABa1634	3.70	4.00	0.03	0.25	0.61	0.04	0.09	-0.10
110	63aBa3084	3.20	2.10	5.40	0.96	3.20	0.39	3.40	-0.10
111	62ABa2490	1.90	0.65	2.80	0.43	3.60	0.23	0.08	-0.10
112	60ABa297	2.30	0.85	0.88	0.29	0.91	0.19	6.50	-0.10
113	TS222	0.30	5.70	0.08	0.02	-0.10	-0.10	-0.10	4.00
114	MW111	2.17	2.84	0.06	0.02	-0.10	-0.10	-0.10	1.20
115	RR151	3.32	5.06	0.18	0.05	-0.10	-0.10	-0.10	0.70
116	TS52	3.41	5.14	0.21	0.05	-0.10	-0.10	-0.10	0.50
117	TS60a	3.40	4.84	0.15	0.03	-0.10	-0.10	-0.10	0.50
118	DNS93	2.97	4.49	0.14	0.03	-0.10	-0.10	-0.10	0.60
119	DNS110	3.49	5.01	0.13	0.03	-0.10	-0.10	-0.10	0.60
120	TS60b	3.42	4.76	0.13	0.05	-0.10	-0.10	-0.10	0.60
121	TS67	3.58	5.08	0.13	0.03	-0.10	-0.10	-0.10	0.60
122	DNS113	3.61	4.88	0.15	0.04	-0.10	-0.10	-0.10	0.60
123	MW15a	3.58	5.14	0.08	0.02	-0.10	-0.10	-0.10	0.70

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
124 LB26	3.77	5.35	0.06	0.02	-0.10	-0.10	-0.10	0.80
125 DA116	3.53	5.31	0.03	0.02	-0.10	-0.10	-0.10	0.50
126 DA19o	3.46	5.53	0.05	0.03	-0.10	-0.10	-0.10	0.80
127 RN130	3.53	5.01	0.17	0.08	-0.10	-0.10	-0.10	0.70
128 TS58	3.46	4.89	0.19	0.08	-0.10	-0.10	-0.10	0.60
129 RR149	3.61	4.72	0.17	0.07	-0.10	-0.10	-0.10	0.60
130 DNS124	3.20	4.92	0.16	0.09	-0.10	-0.10	-0.10	0.70
131 MA89	3.87	4.70	0.16	0.07	-0.10	-0.10	-0.10	0.70
132 DNS106	3.50	4.77	0.11	0.07	-0.10	-0.10	-0.10	0.50
133 MA103	3.18	4.90	0.18	0.08	-0.10	-0.10	-0.10	0.60
134 RN127	4.04	4.73	0.08	0.06	-0.10	-0.10	-0.10	0.70
135 MW73	3.83	5.41	0.19	0.14	-0.10	-0.10	-0.10	0.80
136 DA137	3.85	4.58	0.04	0.09	-0.10	-0.10	-0.10	0.70
137 RN175e	4.58	4.30	0.04	0.10	-0.10	-0.10	-0.10	0.50
138 DNS122	4.39	4.23	0.04	0.18	-0.10	-0.10	-0.10	0.50
139 DNS121	4.05	4.58	0.09	0.06	-0.10	-0.10	-0.10	0.70
140 DNS119	4.08	5.60	0.06	0.08	-0.10	-0.10	-0.10	0.60
141 DA186	5.37	4.45	0.03	0.24	-0.10	-0.10	-0.10	0.00
142 GP180	3.61	5.17	0.21	0.09	-0.10	-0.10	-0.10	0.50
143 GP157	4.51	3.75	0.36	0.14	-0.10	-0.10	-0.10	0.70
144 DNS178	3.52	5.08	0.22	0.09	-0.10	-0.10	-0.10	0.50
145 DNS180	3.54	4.91	0.24	0.11	-0.10	-0.10	-0.10	0.50
146 MA114	3.78	5.35	0.20	0.11	-0.10	-0.10	-0.10	1.50
147 DNS179	4.51	4.54	0.06	0.05	-0.10	-0.10	-0.10	0.00
148 RR129b	6.11	3.85	0.04	0.02	-0.10	-0.10	-0.10	0.00
149 RR135	5.19	3.89	0.06	0.04	-0.10	-0.10	-0.10	0.00
150 DA217c	4.02	3.85	0.18	0.06	-0.10	-0.10	-0.10	1.30
151 RN196b	3.37	4.45	0.58	0.18	-0.10	-0.10	-0.10	1.50
152 RN183-185	4.23	5.15	0.07	0.03	-0.10	-0.10	-0.10	0.00
153 DNS111	2.31	0.55	1.51	0.26	-0.10	-0.10	-0.10	5.50
154 DNS52	3.16	1.26	1.51	0.27	-0.10	-0.10	-0.10	3.80
155 MA224	1.08	4.40	0.87	0.47	-0.10	-0.10	-0.10	3.62
156 GP283b	1.89	5.30	0.98	0.57	-0.10	-0.10	-0.10	2.08
157 5S283b	1.52	4.70	0.97	0.54	-0.10	-0.10	-0.10	2.08
158 RS87	3.54	4.50	0.62	0.30	-0.10	-0.10	-0.10	2.08
159 GP282	2.69	5.30	0.44	0.17	-0.10	-0.10	-0.10	1.62
160 LB43a	3.51	4.87	0.05	0.02	-0.10	-0.10	-0.10	0.85
161 RN178a	3.87	4.36	0.05	0.02	-0.10	-0.10	-0.10	1.16
162 LB44	4.73	4.39	0.03	0.02	-0.10	-0.10	-0.10	0.69
163 LB94	4.45	3.80	0.04	0.11	-0.10	-0.10	-0.10	0.62
164 JB39	1.21	6.10	0.70	0.53	-0.10	-0.10	-0.10	7.77

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
165 30545	3.82	4.24	0.04	0.02	-0.10	-0.10	-0.10	0.77
166 30546	2.51	6.39	0.06	0.02	-0.10	-0.10	-0.10	0.89
167 30547	4.38	3.38	0.04	0.02	-0.10	-0.10	-0.10	1.00
168 KM147	2.85	5.88	0.17	0.04	-0.10	-0.10	-0.10	-0.10
169 CH61	2.66	5.64	0.19	0.04	-0.10	-0.10	-0.10	-0.10
170 PM281	3.22	5.58	0.12	0.08	-0.10	-0.10	-0.10	-0.10
171 PM280	2.88	5.72	0.52	0.13	-0.10	-0.10	-0.10	-0.10
172 CH60	2.53	5.72	0.17	0.04	-0.10	-0.10	-0.10	-0.10
173 CH59	2.79	5.96	0.47	0.20	-0.10	-0.10	-0.10	-0.10
174 KM142	2.63	6.09	0.10	0.08	-0.10	-0.10	-0.10	-0.10
175 CH57	3.11	5.20	0.14	0.04	-0.10	-0.10	-0.10	-0.10
176 1933	2.93	2.62	0.35	0.10	-0.10	-0.10	-0.10	-0.10
177 PM278	3.04	6.48	0.32	0.11	-0.10	-0.10	-0.10	-0.10
178 KM114	3.24	4.14	0.73	0.22	-0.10	-0.10	-0.10	-0.10
179 CH56A	3.19	4.65	0.27	0.10	-0.10	-0.10	-0.10	-0.10
180 CH33	2.77	5.37	0.32	0.09	-0.10	-0.10	-0.10	-0.10
181 CH54	2.89	4.95	0.22	0.06	-0.10	-0.10	-0.10	-0.10
182 LP10	2.70	5.70	0.15	0.04	-0.10	-0.10	-0.10	0.75
183 LP19	2.70	5.80	0.10	0.03	-0.10	-0.10	-0.10	0.76
184 LP54	1.90	4.60	0.18	0.08	-0.10	-0.10	-0.10	-0.10
185 LP21218	3.00	5.50	0.05	0.03	-0.10	-0.10	-0.10	0.51
186 LP68	2.10	4.50	0.05	0.08	-0.10	-0.10	-0.10	-0.10
187 LP63	2.10	4.60	0.05	0.08	-0.10	-0.10	-0.10	-0.10
188 LP89	2.00	4.90	0.09	0.06	-0.10	-0.10	-0.10	-0.10
189 LP102	2.20	4.20	0.03	0.07	-0.10	-0.10	-0.10	-0.10
190 LP104	2.10	4.40	0.04	0.06	-0.10	-0.10	-0.10	-0.10
191 LP20730	4.40	4.80	0.00	0.04	-0.10	-0.10	-0.10	0.58
192 LP50	5.80	4.40	0.00	0.02	-0.10	-0.10	-0.10	0.54
193 79AWs75	3.68	5.78	0.49	0.30	0.48	0.18	0.13	-0.10
194 79AWs76	2.84	5.15	0.08	0.00	0.85	0.09	0.14	-0.10
195 79AWs77	2.86	5.28	0.28	0.12	0.43	0.12	0.12	-0.10
196 79AWs80	2.69	3.85	0.16	0.06	0.43	0.07	0.27	-0.10
197 79AWs85	5.50	3.25	0.00	0.09	0.30	0.01	0.00	-0.10
198 79AWs89	2.96	3.35	0.53	0.28	0.78	0.08	0.00	-0.10
199 79AWs94A	1.83	4.86	0.29	0.08	0.72	0.10	0.41	-0.10
200 79AWs101	1.23	4.25	1.81	2.86	1.18	0.27	0.14	-0.10
201 JB135	2.76	3.40	0.28	0.10	-0.10	-0.10	-0.10	-0.10
202 JB137	3.37	3.68	0.07	0.04	-0.10	-0.10	-0.10	-0.10
203 JB142	3.28	3.66	0.28	0.08	-0.10	-0.10	-0.10	-0.10
204 JB143	3.24	3.59	0.29	0.09	-0.10	-0.10	-0.10	-0.10
205 JB144	2.79	4.01	0.41	0.14	-0.10	-0.10	-0.10	-0.10

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	NA2O	K2O	TiO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
206 JB145	3.14	4.46	0.14	0.09	-0.10	-0.10	-0.10	-0.10
207 JB146	2.90	3.47	0.32	0.09	-0.10	-0.10	-0.10	-0.10
208 JB148	3.21	3.41	0.25	0.07	-0.10	-0.10	-0.10	-0.10
209 JB149	3.39	3.90	0.07	0.07	-0.10	-0.10	-0.10	-0.10
210 JB152	3.25	3.95	0.12	0.06	-0.10	-0.10	-0.10	-0.10
211 JB161	3.03	4.46	0.20	0.07	-0.10	-0.10	-0.10	-0.10
212 JB162	3.69	4.56	0.05	0.12	-0.10	-0.10	-0.10	-0.10
213 JB165	3.28	4.13	0.19	0.08	-0.10	-0.10	-0.10	-0.10
214 JB166b	3.71	4.65	0.04	0.04	-0.10	-0.10	-0.10	-0.10
215 JB167	2.99	4.15	0.24	0.09	-0.10	-0.10	-0.10	-0.10
216 JB173	3.13	3.55	0.16	0.11	-0.10	-0.10	-0.10	-0.10
217 JB175	2.93	4.31	0.26	0.10	-0.10	-0.10	-0.10	-0.10
218 JB179	3.20	5.05	0.13	0.05	-0.10	-0.10	-0.10	-0.10
219 JB186	3.03	3.89	0.20	0.08	-0.10	-0.10	-0.10	-0.10
220 JB189	2.82	4.69	0.16	0.06	-0.10	-0.10	-0.10	-0.10
221 JB192	3.15	4.48	0.16	0.06	-0.10	-0.10	-0.10	-0.10
222 JB194	3.20	4.45	0.08	0.05	-0.10	-0.10	-0.10	-0.10
223 JB195	3.11	4.19	0.32	0.14	-0.10	-0.10	-0.10	-0.10
224 JB214	3.44	3.93	0.19	0.08	-0.10	-0.10	-0.10	-0.10
225 JB106	3.59	3.41	0.40	0.14	-0.10	-0.10	-0.10	-0.10
226 JB108	3.93	4.15	0.33	0.11	-0.10	-0.10	-0.10	-0.10
227 JB116a	3.24	4.05	0.29	0.08	-0.10	-0.10	-0.10	-0.10
228 JB127	3.17	3.13	0.49	0.12	-0.10	-0.10	-0.10	-0.10
229 JB128	3.04	3.66	0.47	0.15	-0.10	-0.10	-0.10	-0.10
230 JB132	3.39	3.71	0.37	0.13	-0.10	-0.10	-0.10	-0.10
231 JB134	2.87	3.37	0.26	0.10	-0.10	-0.10	-0.10	-0.10
232 JB213	3.53	3.09	0.40	0.15	-0.10	-0.10	-0.10	-0.10
233 JB215	3.54	3.00	0.57	0.19	-0.10	-0.10	-0.10	-0.10
234 JB201	2.50	2.52	0.92	0.22	-0.10	-0.10	-0.10	-0.10
235 JB203	2.56	2.43	0.95	0.23	-0.10	-0.10	-0.10	-0.10
236 JB205	2.45	2.75	0.86	0.19	-0.10	-0.10	-0.10	-0.10
237 JB207	2.14	2.69	0.98	0.18	-0.10	-0.10	-0.10	-0.10
238 JB211	2.36	3.50	0.67	0.21	-0.10	-0.10	-0.10	-0.10
239 JB216	2.64	3.19	0.78	0.22	-0.10	-0.10	-0.10	-0.10
240 JB218	3.55	2.24	0.71	0.20	-0.10	-0.10	-0.10	-0.10
241 JB133	3.94	4.61	0.02	0.05	-0.10	-0.10	-0.10	-0.10
242 JB139	3.70	4.27	0.04	0.06	-0.10	-0.10	-0.10	-0.10
243 JB141	3.51	4.48	0.06	0.04	-0.10	-0.10	-0.10	-0.10
244 JB150	3.89	4.60	0.02	0.05	-0.10	-0.10	-0.10	-0.10
245 JB191	3.80	4.53	0.02	0.09	-0.10	-0.10	-0.10	-0.10
251 Cl53	3.00	5.50	0.05	0.03	-0.10	-0.10	-0.10	0.51

TABLE 1: MAJOR OXIDE ANALYSES

LOC_ SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLU8	H2O_MINUS	CO2	LOI
252 CI38	2.70	5.70	0.15	0.04	-0.10	-0.10	-0.10	0.75
253 CI41	2.70	5.80	0.10	0.03	-0.10	-0.10	-0.10	0.76
254 CI42	5.80	4.40	0.00	0.02	-0.10	-0.10	-0.10	0.54
255 CI59	4.40	4.80	0.00	0.04	-0.10	-0.10	-0.10	0.58
275 2294	3.81	4.46	0.03	0.07	-0.10	0.28	-0.10	0.27
278 84TS43	2.64	4.42	0.53	0.14	-0.10	-0.10	-0.10	0.47
279 84TS44	2.69	4.13	0.49	0.12	-0.10	-0.10	-0.10	0.62
280 84TS45	2.69	4.35	0.45	0.11	-0.10	-0.10	-0.10	0.62
281 84TS46	2.85	3.88	0.41	0.11	-0.10	-0.10	-0.10	0.93
282 84TS48	3.42	4.88	0.22	0.15	-0.10	-0.10	-0.10	0.70
283 89RN105	4.08	4.33	0.23	0.08	-0.10	-0.10	-0.10	1.70
284 89RB112	4.08	3.66	0.24	0.09	-0.10	-0.10	-0.10	1.16
285 2880	3.17	3.96	0.28	0.06	-0.10	-0.10	-0.10	2.30
286 2890	3.73	4.16	0.21	0.07	-0.10	-0.10	-0.10	0.51
287 2911	2.71	4.07	0.44	0.08	-0.10	-0.10	-0.10	0.14
318 88RN300AP	3.60	4.73	0.04	0.05	-0.10	-0.10	-0.10	0.83
319 88RN300BL	4.08	3.43	0.31	0.14	-0.10	-0.10	-0.10	0.95
320 88RN301	3.31	4.41	0.29	0.18	-0.10	-0.10	-0.10	0.97
321 88RN301M	3.73	3.73	0.52	0.27	-0.10	-0.10	-0.10	0.91
322 88RN303AP	2.93	5.72	0.04	0.05	-0.10	-0.10	-0.10	0.58
323 MOSQUITO-1	4.55	0.93	0.57	0.18	-0.10	-0.10	-0.10	2.54
324 TAUR-1	3.93	1.41	0.63	0.29	-0.10	-0.10	-0.10	4.39
325 AS-1	3.15	3.05	0.41	0.10	-0.10	-0.10	-0.10	2.00
326 TOK-1	3.08	3.84	0.44	0.15	-0.10	-0.10	-0.10	2.39
327 TOK-2	2.90	3.64	0.53	0.19	-0.10	-0.10	-0.10	2.31
328 TOK-3	3.10	3.95	0.45	0.15	-0.10	-0.10	-0.10	2.08
329 63AFr223	3.76	4.10	0.28	0.14	-0.10	-0.10	-0.10	0.85
330 64AFr31	3.61	1.89	0.68	0.14	-0.10	-0.10	-0.10	1.62
331 64AFr79	4.23	3.15	0.23	0.09	-0.10	-0.10	-0.10	0.77
332 64AFr138	3.23	3.28	0.49	0.14	-0.10	-0.10	-0.10	1.00
333 64AFr142	1.73	2.77	0.67	0.10	-0.10	-0.10	-0.10	2.08
334 64AFr172	3.40	3.86	0.22	0.06	-0.10	-0.10	-0.10	1.39
335 64AFr227	3.32	2.93	0.55	0.16	-0.10	-0.10	-0.10	0.85
336 68AFr107	2.48	2.98	0.96	0.53	-0.10	-0.10	-0.10	2.54
337 68AFr227	3.04	3.39	0.84	0.49	-0.10	-0.10	-0.10	0.47
338 69AFr664	3.11	3.28	0.42	0.10	-0.10	-0.10	-0.10	1.08
339 69AFr696	3.05	3.11	0.49	0.14	-0.10	-0.10	-0.10	1.39
340 69AFr721	2.94	2.83	0.48	0.11	-0.10	-0.10	-0.10	1.85
341 69AFr900A	3.45	2.60	0.45	0.19	-0.10	-0.10	-0.10	0.93
342 70AFr310	3.20	4.65	0.22	0.10	-0.10	-0.10	-0.10	1.39
343 70AFr430	3.49	5.02	0.39	0.15	-0.10	-0.10	-0.10	1.00

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
344	70AFr466	3.36	3.94	0.40	0.16	-0.10	-0.10	-0.10	0.85
345	70AFr2466B	3.27	4.33	0.49	0.16	-0.10	-0.10	-0.10	0.77
346	70AFr2467	3.19	4.92	0.31	0.10	-0.10	-0.10	-0.10	0.93
347	70AFr2471	3.18	4.31	0.18	0.12	-0.10	-0.10	-0.10	1.08
348	70AFr2497A	3.87	4.27	0.20	0.08	-0.10	-0.10	-0.10	0.85
349	70AFr2497B	3.98	4.74	0.03	0.03	-0.10	-0.10	-0.10	0.82
350	70AWr67B	3.21	4.98	0.13	0.04	-0.10	-0.10	-0.10	0.70
351	71AFr99	2.86	3.71	0.53	0.13	-0.10	-0.10	-0.10	1.00
352	71AFr357	3.31	2.73	0.45	0.12	-0.10	-0.10	-0.10	1.31
353	71AFr363	3.98	3.52	0.25	0.06	-0.10	-0.10	-0.10	1.31
354	71AFr717	3.91	4.27	0.28	0.09	-0.10	-0.10	-0.10	1.23
355	71AFr718	3.10	5.21	0.33	0.10	-0.10	-0.10	-0.10	0.85
356	71AFr719	2.93	3.99	0.42	0.12	-0.10	-0.10	-0.10	0.85
357	71AFr728	4.05	3.63	0.23	0.07	-0.10	-0.10	-0.10	0.85
358	71AWr86A	3.11	4.89	0.17	0.05	-0.10	-0.10	-0.10	0.85
359	74ARh70	3.91	4.86	0.18	0.04	-0.10	-0.10	-0.10	0.82
360	90RN09	3.50	4.64	0.17	0.05	-0.10	-0.10	-0.10	0.47
361	90RN10	3.75	4.17	0.29	0.08	-0.10	-0.10	-0.10	0.54
362	90RN20a	3.83	4.55	0.20	0.06	-0.10	-0.10	-0.10	0.62
363	90RN20b	3.38	5.16	0.06	0.02	-0.10	-0.10	-0.10	0.70
364	90RN21	3.78	4.36	0.24	0.08	-0.10	-0.10	-0.10	0.54
365	90RN22	3.79	4.33	0.25	0.09	-0.10	-0.10	-0.10	0.23
366	90RN25a	3.80	3.49	0.28	0.07	-0.10	-0.10	-0.10	0.77
367	90RN25b	3.35	5.05	0.06	0.02	-0.10	-0.10	-0.10	0.85
368	70AMn16	2.70	3.60	0.90	0.35	1.70	0.14	0.05	-0.10
369	67ACx211	2.80	3.80	0.65	0.28	1.40	0.08	0.05	-0.10
370	68ARh369	3.90	3.90	0.46	0.14	0.61	0.09	0.50	-0.10
371	70AMn106	2.70	5.10	0.73	0.30	1.20	0.24	0.05	-0.10
372	71ARh76	2.40	4.80	0.30	0.13	1.10	0.15	0.05	-0.10
373	71ARh77	3.00	2.60	0.54	0.16	1.10	0.09	0.05	-0.10
374	71ARh117	3.40	4.90	0.03	0.07	1.00	0.18	0.05	-0.10
375	4514	3.08	5.03	0.43	0.14	-0.10	-0.10	-0.10	0.49
376	4515	2.96	5.55	0.18	0.12	-0.10	-0.10	-0.10	0.88
377	4516	2.95	1.07	1.93	0.36	-0.10	-0.10	-0.10	0.97
378	4517	3.21	4.23	0.30	0.10	-0.10	-0.10	-0.10	0.78
379	4518	3.19	3.51	0.87	0.26	-0.10	-0.10	-0.10	1.21
380	4519	3.35	5.03	0.07	0.02	-0.10	-0.10	-0.10	0.49
381	4520	3.03	4.08	0.31	0.09	-0.10	-0.10	-0.10	0.93
382	4521	3.41	4.11	0.33	0.10	-0.10	-0.10	-0.10	0.61
383	4522	3.17	1.08	2.76	0.77	-0.10	-0.10	-0.10	1.73
384	4523	2.95	5.32	0.20	0.05	-0.10	-0.10	-0.10	0.91

TABLE 1: MAJOR OXIDE ANALYSES

LOC_	SAMPLE	NA2O	K2O	TIO2	P2O5	H2O_PLUS	H2O_MINUS	CO2	LOI
385	4524	2.82	5.40	0.20	0.05	-0.10	-0.10	-0.10	0.88

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
1	74AFr613	40.2	34.5	31.77	1.29	20.77	25.49	13.96	0.00	0.00
2	75ASj638	50.5	27.0	23.74	0.00	19.47	24.99	19.88	0.00	0.00
3	75AFr2175	47.8	26.0	23.04	1.02	20.17	26.84	18.49	0.00	0.00
4	75AFr2184	31.4	30.4	27.91	0.67	25.19	27.18	11.51	0.00	0.00
5	72AFr216	28.8	30.7	28.43	0.22	29.72	22.57	12.03	0.00	0.00
6	70AWr319	0.0	38.8	37.53	2.34	27.47	31.62	0.00	0.00	0.00
7	PVF1-1-63	42.7	0.0	0.00	0.00	11.15	8.67	8.31	0.00	12.38
8	PVF2-9-63	36.2	0.0	0.00	0.00	10.83	3.75	6.15	0.00	15.32
9	63AFr20	43.1	15.7	11.77	0.00	25.87	17.84	19.56	0.00	0.00
10	64AFr2	50.4	28.1	24.75	0.65	19.10	24.88	19.37	0.00	0.00
11	64AFr70	41.6	33.7	30.09	2.31	19.90	25.04	14.19	0.00	0.00
12	68AFr66	63.3	24.4	22.05	0.10	13.78	30.88	23.76	0.00	0.00
13	68AFr2039	55.8	32.3	28.15	1.59	15.75	23.43	19.85	0.00	0.00
14	69AWr87	18.8	40.0	37.46	2.81	24.64	25.82	5.72	0.00	0.00
15	69AFr485	37.7	17.1	12.40	0.00	24.92	20.02	15.09	0.00	0.00
16	69AFr674	29.4	38.2	35.00	3.30	21.75	25.95	9.04	0.00	0.00
17	69AFr689	48.7	31.6	27.32	2.79	17.51	25.07	16.61	0.00	0.00
18	69AFr900	54.9	28.6	25.18	1.33	16.07	27.07	19.60	0.00	0.00
19	69AFr901	31.8	19.4	14.28	0.00	25.65	21.90	11.94	0.00	0.00
20	70AFr179	59.2	16.7	12.49	0.00	15.62	24.09	22.69	0.00	0.00
21	70AFr225	54.5	20.1	18.52	0.00	14.85	40.83	17.82	0.00	0.00
22	70AFr312	34.0	23.3	20.06	0.00	26.46	25.63	13.61	0.00	0.00
23	70AFr372	10.5	38.5	36.59	2.71	28.58	26.43	3.34	0.00	0.00
24	70AFr437a	46.5	28.2	24.42	1.91	22.18	20.60	19.27	0.00	0.00
25	70AFr45b	34.0	25.5	22.12	2.80	26.34	24.86	13.56	0.00	0.00
26	70AFr995	76.3	26.1	23.46	0.00	8.42	31.02	27.13	0.00	0.00
27	70AFr307b	15.5	32.6	30.23	2.12	31.72	24.86	5.81	0.00	0.00
28	70AFr3112	24.1	28.2	25.84	1.72	32.35	23.16	10.27	0.00	0.00
29	71AWr80	36.1	31.9	28.53	1.81	24.65	22.38	13.91	0.00	0.00
30	71AWr90	28.5	35.7	32.93	2.15	25.16	24.02	10.03	0.00	0.00
31	71AFr185	35.7	34.3	31.23	1.37	25.23	20.64	14.03	0.00	0.00
32	71AFr201	42.9	31.9	28.09	1.45	22.40	20.80	16.85	0.00	0.00
33	71AFr341	49.8	37.4	33.03	2.71	14.93	25.65	14.82	0.00	0.00
34	71AFr348	48.8	31.5	27.56	1.50	18.22	24.35	17.35	0.00	0.00
35	71AFr364	63.4	22.9	20.59	0.44	14.54	29.50	25.14	0.00	0.00
36	71AFr507	39.0	24.9	19.53	0.00	24.23	19.08	15.52	0.00	0.00
37	71AFr596b	67.4	22.1	16.69	0.00	13.28	18.13	27.46	0.00	0.00
38	71AFr635	48.0	34.2	30.43	2.29	16.93	25.97	15.62	0.00	0.00
39	71AFr662	49.4	32.1	28.17	2.36	16.97	26.03	16.60	0.00	0.00
40	71AFr664	59.2	29.4	24.75	1.92	15.73	20.79	22.81	0.00	0.00
41	71AFr701	26.2	34.6	31.74	2.52	25.90	25.01	9.18	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
42	71AFr793	23.6	39.2	37.10	1.99	25.09	24.80	7.76	0.00	0.00
43	71AFr800	22.3	28.4	26.20	2.35	29.06	28.61	8.35	0.00	0.00
44	71AFr2024	24.1	43.6	41.42	1.93	26.39	18.89	8.36	0.00	0.00
45	71AFr2025	46.7	34.3	30.28	1.59	19.38	21.68	16.99	0.00	0.00
46	71AFr2179	63.3	32.0	27.78	1.20	12.72	24.29	21.95	0.00	0.00
47	73AFr3191	60.2	3.7	2.59	0.00	15.68	27.63	23.73	0.00	0.00
48	66AWr78	25.7	23.2	21.30	0.26	30.72	29.32	10.62	0.00	0.00
49	73AWr88h	13.8	31.7	30.64	0.16	29.48	31.76	4.73	0.00	0.00
50	73AWr88k	4.6	33.9	32.80	1.53	30.68	31.92	1.48	0.00	0.00
51	74AFr636a	32.1	34.3	31.21	1.86	22.07	27.36	10.42	0.00	0.00
52	74AFr646a	15.3	33.4	32.70	0.02	30.72	28.78	5.56	0.00	0.00
53	74AFr771a	51.9	23.9	21.55	0.12	16.52	34.40	17.83	0.00	0.00
54	74AFr777c	29.7	35.8	33.13	1.89	21.37	29.04	9.02	0.00	0.00
55	74AFr3001	44.9	21.8	18.41	0.00	21.13	27.76	17.25	0.00	0.00
56	74AWr177a	54.2	32.3	29.12	1.25	14.47	29.37	17.12	0.00	0.00
57	74AWr196	39.2	30.4	27.65	0.74	20.29	30.08	13.06	0.00	0.00
58	74AWr202a	6.7	33.0	32.45	0.00	27.26	36.72	1.95	0.00	0.00
59	74AWr233	11.6	32.5	31.55	0.28	26.85	35.12	3.54	0.00	0.00
60	74AWr254a	27.3	32.4	31.23	0.62	23.83	32.49	8.97	0.00	0.00
61	74AWr370	64.5	11.3	8.24	0.00	14.02	25.38	25.49	0.00	0.00
62	74AFr207a	12.6	28.9	28.27	0.22	31.40	33.80	4.51	0.00	0.00
63	72AFr215	35.7	29.7	27.63	0.08	24.54	27.21	13.63	0.00	0.00
64	75AFr238	38.9	30.3	27.46	1.21	22.45	27.74	13.12	0.00	0.00
65	75AFr630	3.7	33.0	32.00	0.00	30.70	33.06	1.18	0.00	0.00
66	75AFr636b	7.5	34.2	33.38	0.00	29.15	32.65	2.38	0.00	0.00
67	75AFr663a	44.7	29.7	26.65	1.00	19.77	27.45	15.99	0.00	0.00
68	75AFr675	51.9	22.3	18.72	0.00	20.09	23.48	21.65	0.00	0.00
69	75AFr733	58.3	27.8	24.48	0.75	14.06	29.75	19.63	0.00	0.00
70	75AFr754b	8.1	30.6	30.35	0.08	30.25	35.78	2.68	0.00	0.00
71	75AFr761a	20.0	28.7	26.77	0.91	29.68	29.55	7.41	0.00	0.00
72	75AFr3308	51.6	19.3	16.04	0.00	19.93	26.11	21.22	0.00	0.00
73	75AFr2005/6	15.4	30.0	29.17	0.23	26.04	37.29	4.75	0.00	0.00
74	75AFr2025	37.1	33.7	30.98	0.88	22.81	24.56	13.46	0.00	0.00
75	75AFr2171	41.3	28.7	26.45	0.24	21.85	26.62	15.36	0.00	0.00
76	75AFr2175	51.3	22.6	20.20	0.08	18.90	30.24	19.87	0.00	0.00
77	75AFr2182	53.6	3.9	2.59	0.00	20.41	20.17	23.58	0.00	0.00
78	75AFr3067	68.7	22.0	16.10	0.00	12.00	16.74	26.39	0.00	0.00
79	75AFr3142	25.1	29.7	27.57	1.05	25.24	31.64	8.45	0.00	0.00
80	75AFr3151	41.2	27.1	24.53	0.48	22.82	27.28	15.98	0.00	0.00
81	75AFr3159	45.6	25.2	21.51	2.27	19.82	27.42	16.64	0.00	0.00
82	75AWr181a	15.9	35.9	33.86	2.15	27.79	27.28	5.27	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
83	75AWr544	22.8	28.5	26.65	1.63	31.30	26.20	9.22	0.00	0.00
84	76AFr516	76.9	22.8	17.89	0.00	10.13	16.52	33.80	0.00	0.00
85	77AWr174	9.3	39.5	37.17	3.31	28.76	25.24	2.94	0.00	0.00
86	77AWr423	60.9	23.4	20.80	0.21	14.01	32.34	21.85	0.00	0.00
87	74AFr3133a	41.6	29.2	26.40	0.78	20.76	28.43	14.77	0.00	0.00
88	ECPD-46	13.8	35.7	34.17	2.03	32.04	24.31	5.15	0.00	0.00
89	ECC-1-228	31.4	39.6	34.14	4.22	21.26	21.20	9.71	0.00	0.00
90	ECP-4-16	3.1	34.9	31.84	5.16	32.72	25.57	1.03	0.00	0.00
91	ECC-2-124	23.9	35.7	34.29	0.89	22.80	31.71	7.16	0.00	0.00
92	ECPD-205	61.7	26.7	21.52	0.00	16.01	17.35	25.80	0.00	0.00
93	ECPD-35	50.5	25.7	22.05	0.36	20.91	21.65	21.29	0.00	0.00
94	ECC-4-26	60.0	19.1	15.37	0.00	18.78	18.13	28.12	0.00	0.00
95	AP-1	0.0	36.7	36.30	0.00	28.10	29.39	0.00	0.00	0.00
96	HL-1	59.1	3.9	2.62	0.00	19.19	18.12	27.69	0.00	0.00
97	MtFairplaySy	32.2	0.0	0.00	0.00	32.08	29.25	15.27	0.00	5.35
98	12-BirchHill	69.8	0.0	0.00	0.00	9.28	30.20	21.44	0.00	0.00
99	10-MillersBl	81.3	0.8	0.52	0.00	7.05	24.42	30.58	0.00	0.00
100	MCD82	100.0	0.0	0.00	0.00	0.00	39.11	28.66	0.00	1.54
101	MCD56	50.1	0.0	0.00	0.00	19.59	26.99	19.70	0.00	0.67
102	MCD59	74.3	0.0	0.00	0.00	9.15	20.32	26.41	0.00	1.73
103	MCD96	69.9	0.0	0.00	0.00	9.64	5.15	22.41	0.00	9.80
104	63ABa3001	24.2	35.6	32.07	2.33	24.58	25.76	7.84	0.00	0.00
105	62ACn544	39.8	34.4	29.65	2.36	22.74	18.85	15.02	0.00	0.00
106	62ABa2421	1.5	44.1	40.09	3.06	29.58	20.74	0.44	0.00	0.00
107	62ABa2415	8.1	41.6	38.09	4.77	26.27	24.79	2.33	0.00	0.00
108	62ABa2424a	21.3	49.0	45.20	3.46	25.63	14.51	6.93	0.00	0.00
109	61ABa1634	13.9	36.8	34.66	2.72	23.98	31.75	3.88	0.00	0.00
110	63aBa3084	61.2	0.0	0.00	0.00	13.44	19.59	21.17	0.00	5.27
111	62ABa2490	86.4	0.0	0.00	0.00	4.01	16.76	25.62	0.00	0.00
112	60ABa297	78.2	12.4	6.52	0.00	5.45	21.11	19.52	0.00	0.00
113	TS222	23.7	48.9	47.04	2.12	35.43	2.67	10.98	0.00	0.00
114	MW111	7.0	62.6	61.84	0.09	17.05	18.66	1.28	0.00	0.00
115	RR151	9.7	35.4	34.09	0.41	30.31	28.53	3.25	0.00	0.00
116	TS52	10.6	34.0	32.73	0.00	30.64	29.11	3.65	0.00	0.00
117	TS60a	7.7	37.9	36.70	0.00	28.82	28.99	2.39	0.00	0.00
118	DNS93	13.6	41.8	40.42	0.43	26.72	25.31	4.20	0.00	0.00
119	DNS110	7.1	35.9	34.79	0.00	29.90	29.82	2.30	0.00	0.00
120	TS60b	10.3	37.6	36.51	0.53	28.24	29.05	3.26	0.00	0.00
121	TS67	7.6	34.9	33.80	0.00	30.18	30.45	2.50	0.00	0.00
122	DNS113	10.6	34.7	33.64	0.03	29.04	30.76	3.43	0.00	0.00
123	MW15a	11.2	33.7	32.92	0.44	30.50	30.42	3.86	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
124	LB25	5.8	32.2	31.56	0.00	32.11	32.40	1.96	0.00	0.00
125	DA116	8.2	34.8	34.20	1.02	31.44	29.93	2.80	0.00	0.00
126	DA19c	11.9	32.5	31.97	0.51	32.75	29.34	4.43	0.00	0.00
127	RN130	7.5	34.6	33.37	0.70	30.17	30.43	2.45	0.00	0.00
128	TS58	6.2	35.9	34.20	1.44	29.32	29.71	1.94	0.00	0.00
129	RR149	8.7	36.4	35.16	0.38	28.09	30.76	2.69	0.00	0.00
130	DNS124	10.4	37.4	35.72	1.68	29.20	27.19	3.40	0.00	0.00
131	MA89	6.8	35.0	33.86	0.31	27.94	32.95	2.04	0.00	0.00
132	DNS106	8.2	37.2	35.90	1.56	28.32	29.75	2.53	0.00	0.00
133	MA103	12.1	37.3	35.78	1.11	29.07	27.01	4.01	0.00	0.00
134	RN127	5.2	33.7	32.83	0.88	28.29	34.60	1.56	0.00	0.00
135	MW73	7.8	29.4	28.22	0.56	32.31	32.76	2.74	0.00	0.00
136	DA137	5.1	37.6	35.98	2.62	27.18	31.01	1.45	0.00	0.00
137	RN175e	4.4	31.8	30.64	2.29	25.59	39.02	1.19	0.00	0.00
138	DNS122	4.8	33.3	31.86	2.86	25.16	37.39	1.26	0.00	0.00
139	DNS121	5.4	34.3	33.29	1.03	27.42	34.72	1.56	0.00	0.00
140	DNS119	3.0	29.3	28.57	0.76	33.28	34.72	1.02	0.00	0.00
141	DA186	1.7	25.8	25.24	1.28	26.40	45.62	0.47	0.00	0.00
142	GP180	12.6	31.5	30.19	1.15	30.68	30.67	4.44	0.00	0.00
143	GP157	26.4	27.2	25.68	0.00	22.36	38.50	8.04	0.00	0.00
144	DNS178	11.7	33.0	31.51	1.46	30.13	29.90	3.99	0.00	0.00
145	DNS180	13.9	32.9	31.45	1.05	29.19	30.13	4.72	0.00	0.00
146	MA114	11.0	28.4	27.42	0.61	32.42	32.63	4.00	0.00	0.00
147	DNS179	4.1	32.7	32.18	1.04	26.83	38.16	1.16	0.00	0.00
148	RR129b	0.0	26.5	26.03	0.00	22.73	49.50	0.00	0.00	0.00
149	RR135	4.0	31.2	30.97	0.00	23.09	44.10	0.96	0.00	0.00
150	DA217c	17.9	35.4	34.28	0.41	23.10	34.54	5.04	0.00	0.00
151	RN196b	9.3	32.0	27.48	2.50	26.76	29.02	2.74	0.00	0.00
152	RN183-185	4.4	31.6	31.37	0.06	30.52	35.89	1.40	0.00	0.00
153	DNS111	90.5	8.7	5.50	0.00	3.51	21.10	33.30	0.00	0.00
154	DNS52	77.9	1.8	1.19	0.00	7.85	28.17	27.71	0.00	0.00
155	MA224	36.3	26.7	19.38	1.97	27.76	9.76	15.79	0.00	0.00
156	GP283b	34.3	9.4	6.73	0.00	32.87	15.01	17.13	0.00	0.00
157	5S283b	38.7	12.1	8.46	0.00	29.25	13.54	18.43	0.00	0.00
158	RS87	28.1	17.0	14.38	0.00	27.85	31.37	10.88	0.00	0.00
159	GP282	30.5	22.0	19.79	0.00	32.46	23.59	14.25	0.00	0.00
160	LB43a	5.1	35.9	34.55	1.22	29.63	30.58	1.60	0.00	0.00
161	RN178a	2.1	34.8	32.41	4.33	26.49	33.66	0.58	0.00	0.00
162	LB44	2.5	29.3	28.19	1.66	26.49	40.87	0.68	0.00	0.00
163	LB94	2.8	35.2	34.05	1.77	23.51	38.42	0.63	0.00	0.00
164	JB39	9.6	0.0	0.00	0.00	40.21	5.78	4.28	0.00	3.06

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
165	30545	7.0	39.3	39.04	0.03	25.45	32.83	1.93	0.00	0.00
166	30546	0.2	38.3	37.15	1.55	38.29	21.54	0.07	0.00	0.00
167	30547	13.2	37.8	37.07	0.73	20.29	37.66	3.09	0.00	0.00
168	KM147	8.9	35.3	33.69	0.65	34.47	23.93	3.38	0.00	0.00
169	CH61	9.3	38.2	36.34	0.89	33.09	22.34	3.39	0.00	0.00
170	PM281	6.7	35.0	33.53	1.61	32.74	27.06	2.34	0.00	0.00
171	PM280	16.7	29.8	27.43	0.20	33.68	24.28	6.77	0.00	0.00
172	CH60	6.3	40.1	38.16	1.15	33.52	21.23	2.25	0.00	0.00
173	CH59	14.3	30.0	27.71	0.49	35.20	23.60	5.89	0.00	0.00
174	KM142	4.9	37.5	35.77	1.98	35.72	22.09	1.85	0.00	0.00
175	CH57	10.2	36.7	34.94	0.95	30.56	28.17	3.49	0.00	0.00
176	1933	51.5	37.8	34.47	0.93	15.52	24.85	16.45	0.00	0.00
177	PM278	13.5	26.4	24.93	0.48	37.96	25.50	5.93	0.00	0.00
178	KM114	43.3	21.1	18.82	0.49	24.36	27.30	18.58	0.00	0.00
179	CH56A	30.0	29.2	27.26	0.92	27.45	26.96	11.74	0.00	0.00
180	CH33	28.7	26.2	24.10	0.78	31.66	23.38	12.73	0.00	0.00
181	CH54	25.9	32.3	30.29	0.89	29.10	24.33	10.17	0.00	0.00
182	LP10	10.5	35.8	34.24	0.65	34.15	23.16	4.01	0.00	0.00
183	LP19	9.9	35.8	34.46	0.20	34.74	23.15	3.82	0.00	0.00
184	LP54	10.7	48.5	44.93	3.08	27.85	16.47	3.33	0.00	0.00
185	LP2121B	11.0	35.4	34.28	0.24	32.80	25.62	4.06	0.00	0.00
186	LP58	9.5	48.2	45.21	3.14	27.37	18.29	2.88	0.00	0.00
187	LP63	12.1	47.7	44.79	2.31	27.41	17.92	3.78	0.00	0.00
188	LP89	6.0	48.5	45.58	3.08	29.38	17.17	1.87	0.00	0.00
189	LP102	10.5	49.8	46.58	3.21	25.14	19.86	2.96	0.00	0.00
190	LP104	12.1	48.6	45.73	2.73	28.58	18.16	3.66	0.00	0.00
191	LP20730	7.2	29.7	29.10	0.36	28.81	37.81	2.25	0.00	0.00
192	LP50	4.9	20.4	19.98	0.00	26.51	50.04	1.38	0.00	0.00
193	79AWs75	22.3	15.5	14.04	0.00	34.75	31.68	9.97	0.00	0.00
194	79AWs76	7.4	40.1	38.51	1.08	30.81	24.33	2.46	0.00	0.00
195	79AWs77	12.7	34.7	32.34	1.65	31.73	24.61	4.60	0.00	0.00
196	79AWs80	37.7	36.7	34.77	0.58	23.04	23.05	13.92	0.00	0.00
197	79AWs85	3.1	31.0	29.59	1.60	19.07	46.22	0.60	0.00	0.00
198	79AWs89	43.4	30.0	26.20	2.18	20.15	25.49	15.46	0.00	0.00
199	79AWs94A	30.9	37.4	34.70	1.34	29.28	15.79	13.12	0.00	0.00
200	79AWs101	3.8	0.0	0.00	0.00	26.23	1.00	1.04	0.00	5.35
201	JB135	31.3	42.7	39.47	0.27	20.25	23.54	9.24	0.00	0.00
202	JB137	23.1	41.5	40.44	0.21	21.81	28.60	6.56	0.00	0.00
203	JB142	34.1	33.3	30.50	1.05	21.78	27.95	11.26	0.00	0.00
204	JB143	34.1	33.5	30.89	1.02	21.83	28.20	11.29	0.00	0.00
205	JB144	29.9	34.3	30.64	0.97	24.27	24.18	10.34	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
206	JB145	22.5	36.4	34.37	1.57	26.17	26.38	7.59	0.00	0.00
207	JB146	32.7	38.5	35.41	0.58	21.08	25.22	10.26	0.00	0.00
208	JB148	34.3	36.0	33.20	1.10	20.54	27.69	10.71	0.00	0.00
209	JB149	23.0	38.2	36.83	0.74	23.45	29.19	7.01	0.00	0.00
210	JB152	24.2	38.1	36.71	0.17	23.92	28.18	7.63	0.00	0.00
211	JB161	25.5	35.0	33.02	1.29	26.46	25.74	9.05	0.00	0.00
212	JB162	12.9	36.4	35.50	0.43	26.93	31.21	3.98	0.00	0.00
213	JB165	27.3	35.4	34.54	0.59	25.09	28.53	9.41	0.00	0.00
214	JB166b	16.6	33.5	33.00	0.00	27.96	31.94	5.56	0.00	0.00
215	JB167	27.5	36.0	33.44	1.43	24.70	25.48	9.35	0.00	0.00
216	JB173	34.6	38.7	36.86	0.87	20.93	26.43	11.06	0.00	0.00
217	JB175	29.3	34.7	32.52	0.53	25.61	24.93	10.82	0.00	0.00
218	JB179	19.3	33.1	31.86	0.41	29.97	27.20	7.15	0.00	0.00
219	JB186	26.0	39.5	37.23	1.29	23.17	25.84	8.12	0.00	0.00
220	JB189	22.5	36.4	34.38	1.46	27.87	23.99	8.09	0.00	0.00
221	JB192	23.3	35.2	33.48	0.76	26.70	26.88	8.11	0.00	0.00
222	JB194	21.8	37.7	36.96	0.00	26.48	27.27	7.39	0.00	0.00
223	JB195	31.9	31.9	29.58	0.61	24.98	26.55	11.69	0.00	0.00
224	JB214	26.0	35.1	33.31	0.91	23.67	29.67	8.32	0.00	0.00
225	JB106	33.7	31.0	27.97	1.43	20.64	31.11	10.50	0.00	0.00
226	JB108	29.0	27.4	26.16	0.15	25.09	34.01	10.23	0.00	0.00
227	JB116a	31.7	33.7	32.04	0.21	24.17	27.69	11.20	0.00	0.00
228	JB127	41.9	34.2	30.96	1.32	18.77	27.22	13.55	0.00	0.00
229	JB128	36.6	34.0	31.18	1.30	21.89	26.03	12.66	0.00	0.00
230	JB132	33.2	33.3	30.95	1.18	22.06	28.86	10.98	0.00	0.00
231	JB134	32.5	41.4	38.15	1.15	20.04	24.43	9.63	0.00	0.00
232	JB213	43.0	32.7	30.31	0.61	18.43	30.15	13.88	0.00	0.00
233	JB215	47.9	27.6	24.87	0.02	18.06	30.51	16.58	0.00	0.00
234	JB201	63.9	17.5	13.36	0.00	14.99	21.29	26.58	0.00	0.00
235	JB203	63.6	18.7	14.25	0.00	14.51	21.89	25.39	0.00	0.00
236	JB205	61.0	23.4	19.26	0.00	16.45	20.98	25.78	0.00	0.00
237	JB207	61.6	25.8	20.78	0.00	16.00	18.22	25.67	0.00	0.00
238	JB211	43.6	32.4	27.69	2.51	21.08	20.35	16.30	0.00	0.00
239	JB218	50.9	28.2	24.23	0.00	19.13	22.87	19.81	0.00	0.00
240	JB218	60.8	22.6	19.03	0.00	13.51	30.85	20.92	0.00	0.00
241	JB133	2.4	35.3	33.57	2.12	27.32	33.43	0.67	0.00	0.00
242	JB139	14.9	36.9	35.92	0.26	25.45	31.58	4.46	0.00	0.00
243	JB141	15.2	36.4	35.44	0.59	26.88	30.15	4.82	0.00	0.00
244	JB150	3.9	34.1	32.22	1.93	27.66	33.49	1.13	0.00	0.00
245	JB191	2.9	36.6	35.10	2.18	27.23	32.71	0.82	0.00	0.00
251	Cl53	10.6	36.0	35.87	0.00	33.57	26.22	3.96	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
252	CI38	10.5	36.4	35.87	0.66	34.97	23.72	4.11	0.00	0.00
253	CI41	9.9	36.4	36.14	0.21	35.56	23.71	3.92	0.00	0.00
254	CI42	4.9	20.6	20.34	0.00	26.71	50.41	1.39	0.00	0.00
255	CI59	7.3	30.0	29.81	0.36	29.12	38.22	2.28	0.00	0.00
275	2294	8.9	36.4	35.74	1.19	26.88	32.88	2.62	0.00	0.00
278	84TS43	38.0	27.0	24.18	0.00	26.46	22.63	16.24	0.00	0.00
279	84TS44	39.1	28.8	25.84	0.58	24.83	23.16	15.91	0.00	0.00
280	84TS45	37.4	28.0	25.30	0.45	26.14	23.15	15.62	0.00	0.00
281	84TS46	35.7	33.1	30.05	1.57	23.32	24.53	12.94	0.00	0.00
282	84TS48	13.5	32.8	30.78	2.61	29.18	29.40	4.55	0.00	0.00
283	89RN105	21.4	26.8	25.32	0.46	26.36	35.57	7.18	0.00	0.00
284	89RB112	24.2	31.4	29.54	1.63	22.09	35.25	7.05	0.00	0.00
285	2880	31.2	34.3	32.39	0.76	23.81	27.29	10.81	0.00	0.00
286	2890	25.9	30.7	29.11	1.21	25.01	32.11	8.72	0.00	0.00
287	2911	36.3	31.9	28.98	0.53	24.52	23.37	13.98	0.00	0.00
318	88RN300AP	8.4	37.1	36.29	1.12	28.18	30.72	2.57	0.00	0.00
319	88RN300BL	40.2	25.1	23.23	1.21	20.56	35.03	13.82	0.00	0.00
320	88RN301	30.8	28.4	28.51	0.56	26.50	28.48	11.82	0.00	0.00
321	88RN301M	43.3	15.7	13.29	0.00	22.40	32.07	17.10	0.00	0.00
322	88RN303AP	1.9	38.8	37.94	1.60	34.13	25.03	0.67	0.00	0.00
323	MOSQUITO-1	75.8	29.3	26.01	1.53	5.64	39.47	17.67	0.00	0.00
324	TAUR-1	70.5	23.9	20.26	1.15	8.72	34.79	20.86	0.00	0.00
325	AS-1	48.8	28.9	25.96	0.32	18.58	27.48	17.74	0.00	0.00
326	TOK-1	35.5	28.3	25.18	1.78	23.65	27.16	12.99	0.00	0.00
327	TOK-2	44.5	24.9	21.62	1.09	22.11	25.22	17.74	0.00	0.00
328	TOK-3	42.0	24.4	22.03	0.02	23.96	26.92	17.38	0.00	0.00
329	63AFr223	33.5	25.4	23.77	0.00	24.79	32.55	12.50	0.00	0.00
330	64AFr31	67.3	21.8	18.45	0.00	11.40	31.17	23.43	0.00	0.00
331	64AFr79	40.9	28.5	27.18	0.00	18.82	36.18	13.05	0.00	0.00
332	64AFr138	46.8	27.9	24.97	0.50	19.66	27.72	17.29	0.00	0.00
333	64AFr142	54.5	35.9	29.07	2.41	16.75	14.98	20.10	0.00	0.00
334	64AFr172	29.0	33.5	31.22	1.03	23.19	29.24	9.49	0.00	0.00
335	64AFr227	52.1	27.3	24.32	0.48	17.49	28.38	18.99	0.00	0.00
336	68AFr107	51.4	16.2	11.44	0.00	18.26	21.58	19.31	0.00	0.00
337	68AFr227	43.0	14.4	10.33	0.00	20.21	25.96	15.23	0.00	0.00
338	69AFr664	47.0	29.3	26.42	0.60	19.60	26.77	17.41	0.00	0.00
339	69AFr696	47.5	30.5	27.17	1.34	18.70	28.25	16.94	0.00	0.00
340	69AFr721	51.4	23.2	20.41	1.16	19.07	28.37	20.17	0.00	0.00
341	69AFr900A	58.0	26.3	23.81	0.03	15.56	29.56	21.50	0.00	0.00
342	70AFr310	19.0	34.2	32.18	1.97	27.88	27.47	6.54	0.00	0.00
343	70AFr430	21.1	26.9	25.07	1.13	30.06	29.92	8.06	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
344	70AFr466	32.8	29.7	26.96	1.77	23.61	28.82	11.52	0.00	0.00
345	70AFr2466B	35.3	24.5	22.18	0.92	28.00	28.12	14.21	0.00	0.00
346	70AFr2467	21.3	30.9	28.83	1.65	29.32	27.22	7.95	0.00	0.00
347	70AFr2471	17.7	37.2	34.77	2.53	25.82	27.28	5.54	0.00	0.00
348	70AFr2497A	24.1	30.1	28.16	1.13	25.68	31.81	8.14	0.00	0.00
349	70AFr2497B	6.3	34.7	33.96	1.04	28.20	33.90	1.90	0.00	0.00
350	70AWr67B	14.8	34.8	33.36	1.07	29.77	27.47	5.16	0.00	0.00
351	71AFr99	46.8	24.4	21.43	0.00	22.29	24.61	19.64	0.00	0.00
352	71AFr357	55.3	27.1	24.33	0.29	16.46	28.57	20.36	0.00	0.00
353	71AFr363	38.0	27.3	25.69	0.38	21.20	34.32	13.00	0.00	0.00
354	71AFr717	21.1	30.0	28.40	1.09	25.66	33.65	6.87	0.00	0.00
355	71AFr718	16.1	32.4	30.71	1.02	31.41	26.76	6.02	0.00	0.00
356	71AFr719	39.3	28.0	25.30	0.79	24.09	25.33	15.57	0.00	0.00
357	71AFr728	25.0	32.6	30.80	1.51	21.74	34.73	7.23	0.00	0.00
358	71AWr86A	23.4	31.7	30.05	0.96	29.28	26.65	8.96	0.00	0.00
359	74ARh70	15.6	29.6	28.41	0.17	28.96	33.36	5.34	0.00	0.00
360	90RN09	17.7	34.5	33.53	0.27	27.70	29.92	5.94	0.00	0.00
361	90RN10	29.1	27.7	25.81	0.12	24.96	32.13	10.22	0.00	0.00
362	90RN20a	20.2	31.2	30.16	0.89	27.07	32.63	6.85	0.00	0.00
363	90RN20b	8.4	36.8	36.30	0.94	30.66	28.76	2.81	0.00	0.00
364	90RN21	26.3	28.7	27.36	0.00	26.11	32.41	9.30	0.00	0.00
365	90RN22	25.8	29.4	27.90	0.42	25.76	32.28	8.95	0.00	0.00
366	90RN25a	33.7	33.0	31.33	0.34	20.74	32.33	10.52	0.00	0.00
367	90RN25b	5.7	38.6	37.96	1.07	30.03	28.52	1.82	0.00	0.00
368	70AMn16	52.6	7.5	5.64	0.00	21.69	23.29	24.09	0.00	0.00
369	67ACx211	46.5	19.3	15.89	0.44	22.79	24.04	19.79	0.00	0.00
370	68ARh369	34.2	24.7	22.56	0.58	23.30	33.36	12.11	0.00	0.00
371	70AMn106	38.9	6.7	5.26	0.00	30.81	23.20	19.50	0.00	0.00
372	71ARh76	30.7	32.2	29.47	1.07	28.74	20.58	12.71	0.00	0.00
373	71ARh77	62.6	18.9	15.66	0.02	15.57	25.72	26.09	0.00	0.00
374	71ARh117	19.4	31.4	30.02	1.87	29.33	29.14	7.07	0.00	0.00
375	4514	19.3	32.6	30.73	0.57	30.01	26.31	7.19	0.00	0.00
376	4515	10.1	34.5	32.82	1.58	33.22	25.37	3.73	0.00	0.00
377	4516	81.3	0.0	0.00	0.00	6.44	25.44	27.97	0.00	0.00
378	4517	33.6	30.2	28.45	0.14	25.39	27.59	12.84	0.00	0.00
379	4518	48.0	23.6	21.02	0.21	21.15	27.52	19.56	0.00	0.00
380	4519	14.5	35.6	35.10	0.11	29.89	26.51	5.06	0.00	0.00
381	4520	31.3	34.4	32.46	0.96	24.61	26.17	11.20	0.00	0.00
382	4521	31.9	30.7	28.98	0.36	24.59	29.21	11.54	0.00	0.00
383	4522	78.5	4.3	2.64	0.00	6.56	27.56	23.99	0.00	0.00
384	4523	6.7	38.4	37.07	0.73	31.85	25.29	2.28	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN SAMPLE	ANNORMX	QNORMY	QTZ	COR	OR	AB	AN	LEUC	NE
385 4524	6.5	38.7	37.18	0.75	32.45	24.26	2.24	0.00	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
1	0.00	0.00	0.00	0.00	5.05	0.00	0.00	0.73	0.00	0.61	0.00
2	0.00	0.00	0.00	0.46	9.09	0.00	0.00	1.12	0.00	1.03	0.00
3	0.00	0.00	0.00	0.00	7.56	0.00	0.00	1.40	0.00	0.98	0.00
4	0.00	0.00	0.00	0.00	5.40	0.00	0.00	1.13	0.00	0.61	0.00
5	0.00	0.00	0.00	0.00	5.13	0.00	0.00	1.05	0.00	0.64	0.00
6	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.28	0.41	0.08	0.00
7	0.00	0.00	0.00	25.70	0.00	15.87	0.00	8.11	2.42	5.17	0.00
8	0.00	0.00	0.00	29.02	0.00	20.73	0.00	6.74	0.00	5.08	0.00
9	0.00	0.00	0.00	6.70	13.04	0.00	0.00	2.67	0.00	1.46	0.00
10	0.00	0.00	0.00	0.00	8.32	0.00	0.00	1.58	0.00	1.13	0.00
11	0.00	0.00	0.00	0.00	6.47	0.00	0.00	0.74	0.00	0.91	0.00
12	0.00	0.00	0.00	0.00	5.19	0.00	0.00	2.94	0.00	0.81	0.00
13	0.00	0.00	0.00	0.00	8.32	0.00	0.00	1.64	0.00	0.92	0.00
14	0.00	0.00	0.00	0.00	2.84	0.00	0.00	0.59	0.00	0.19	0.00
15	0.00	0.00	0.00	9.13	13.21	0.00	0.00	3.13	0.00	1.13	0.00
16	0.00	0.00	0.00	0.00	3.88	0.00	0.00	0.45	0.00	0.43	0.00
17	0.00	0.00	0.00	0.00	8.40	0.00	0.00	0.89	0.00	1.01	0.00
18	0.00	0.00	0.00	0.00	6.01	0.00	0.00	2.10	0.00	1.25	0.00
19	0.00	0.00	0.00	10.33	10.75	0.00	0.00	2.56	0.00	1.42	0.00
20	0.00	0.00	0.00	8.77	11.44	0.00	0.00	2.80	0.00	1.26	0.00
21	0.00	0.00	0.00	0.31	4.10	0.00	0.00	2.33	0.00	0.80	0.00
22	0.00	0.00	0.00	3.98	5.97	0.00	0.00	2.66	0.00	0.85	0.00
23	0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.41	0.00	0.25	0.00
24	0.00	0.00	0.00	0.00	9.15	0.00	0.00	1.12	0.00	1.04	0.00
25	0.00	0.00	0.00	0.00	7.82	0.00	0.00	0.71	0.00	1.27	0.00
26	0.00	0.00	0.00	0.01	5.72	0.00	0.00	2.81	0.00	0.85	0.00
27	0.00	0.00	0.00	0.00	4.20	0.00	0.00	0.29	0.00	0.52	0.00
28	0.00	0.00	0.00	0.00	5.29	0.00	0.00	0.32	0.00	0.75	0.00
29	0.00	0.00	0.00	0.00	6.97	0.00	0.00	0.74	0.00	0.75	0.00
30	0.00	0.00	0.00	0.00	4.24	0.00	0.00	0.88	0.00	0.40	0.00
31	0.00	0.00	0.00	0.00	5.80	0.00	0.00	0.88	0.00	0.62	0.00
32	0.00	0.00	0.00	0.00	7.93	0.00	0.00	1.19	0.00	0.85	0.00
33	0.00	0.00	0.00	0.00	7.20	0.00	0.00	0.73	0.00	0.67	0.00
34	0.00	0.00	0.00	0.00	8.13	0.00	0.00	1.49	0.00	1.04	0.00
35	0.00	0.00	0.00	0.00	7.35	0.00	0.00	1.34	0.00	0.82	0.00
36	0.00	0.00	0.00	4.56	11.62	0.00	0.00	2.97	0.00	1.69	0.00
37	0.00	0.00	0.00	1.95	19.70	0.00	0.00	1.48	0.00	1.34	0.00
38	0.00	0.00	0.00	0.00	5.79	0.00	0.00	1.63	0.00	0.93	0.00
39	0.00	0.00	0.00	0.00	6.49	0.00	0.00	1.93	0.00	1.01	0.00
40	0.00	0.00	0.00	0.00	10.67	0.00	0.00	1.78	0.00	1.17	0.00
41	0.00	0.00	0.00	0.00	4.11	0.00	0.00	0.59	0.00	0.62	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
42	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.44	0.00	0.29	0.00
43	0.00	0.00	0.00	0.00	4.06	0.00	0.00	0.45	0.00	0.64	0.00
44	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.29	0.00	0.25	0.00
45	0.00	0.00	0.00	0.00	7.97	0.00	0.00	0.89	0.00	0.95	0.00
46	0.00	0.00	0.00	0.00	9.29	0.00	0.00	1.49	0.00	0.95	0.00
47	0.00	0.00	0.00	13.19	9.62	0.00	0.00	5.48	0.00	1.40	0.00
48	0.00	0.00	0.00	0.00	5.33	0.00	0.00	1.46	0.00	0.68	0.00
49	0.00	0.00	0.00	0.00	2.25	0.00	0.00	0.64	0.00	0.23	0.00
50	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.91	0.00	0.23	0.00
51	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.58	0.00	0.72	0.00
52	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.77	0.00	0.23	0.00
53	0.00	0.00	0.00	0.00	6.21	0.00	0.00	1.86	0.00	1.12	0.00
54	0.00	0.00	0.00	0.00	4.66	0.00	0.00	0.15	0.00	0.49	0.00
55	0.00	0.00	0.00	1.76	10.56	0.00	0.00	1.58	0.00	1.18	0.00
56	0.00	0.00	0.00	0.00	6.58	0.00	0.00	0.76	0.00	0.94	0.00
57	0.00	0.00	0.00	0.00	6.20	0.00	0.00	0.94	0.00	0.75	0.00
58	0.00	0.00	0.00	0.06	0.59	0.00	0.00	0.65	0.00	0.13	0.00
59	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.63	0.00	0.25	0.00
60	0.00	0.00	0.00	0.00	2.15	0.00	0.00	0.31	0.00	0.29	0.00
61	0.00	0.00	0.00	5.72	15.95	0.00	0.00	1.53	0.00	2.69	0.00
62	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.44	0.00	0.17	0.00
63	0.00	0.00	0.00	0.00	5.14	0.00	0.00	0.84	0.00	0.70	0.00
64	0.00	0.00	0.00	0.00	6.55	0.00	0.00	0.37	0.00	0.80	0.00
65	0.00	0.00	0.00	1.07	1.01	0.00	0.00	0.71	0.00	0.23	0.00
66	0.00	0.00	0.00	0.50	1.30	0.00	0.00	0.43	0.00	0.19	0.00
67	0.00	0.00	0.00	0.00	6.97	0.00	0.00	0.96	0.00	0.92	0.00
68	0.00	0.00	0.00	2.18	10.76	0.00	0.00	1.41	0.00	1.32	0.00
69	0.00	0.00	0.00	0.00	9.33	0.00	0.00	0.55	0.00	1.07	0.00
70	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.28	0.00	0.12	0.00
71	0.00	0.00	0.00	0.00	3.37	0.00	0.00	1.13	0.00	0.83	0.00
72	0.00	0.00	0.00	1.50	12.80	0.00	0.00	0.70	0.00	1.30	0.00
73	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.47	0.00	0.33	0.00
74	0.00	0.00	0.00	0.00	5.71	0.00	0.00	0.83	0.00	0.58	0.00
75	0.00	0.00	0.00	0.00	4.81	0.00	0.00	1.64	0.00	0.73	0.00
76	0.00	0.00	0.00	0.00	7.93	0.00	0.00	1.42	0.00	1.03	0.00
77	0.00	0.00	0.00	13.53	15.79	0.00	0.00	1.42	0.00	1.86	0.00
78	0.00	0.00	0.00	6.98	16.50	0.00	0.00	1.52	0.00	1.45	0.00
79	0.00	0.00	0.00	0.00	3.97	0.00	0.00	1.41	0.00	0.51	0.00
80	0.00	0.00	0.00	0.00	7.01	0.00	0.00	0.69	0.00	0.90	0.00
81	0.00	0.00	0.00	0.00	9.79	0.00	0.00	0.68	0.00	1.27	0.00
82	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.55	0.00	0.37	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
83	0.00	0.00	0.00	0.00	3.72	0.00	0.00	0.44	0.00	0.63	0.00
84	0.00	0.00	0.00	0.59	16.56	0.00	0.00	1.72	0.00	2.20	0.00
85	0.00	0.00	0.00	0.00	1.66	0.00	0.00	0.33	0.00	0.25	0.00
86	0.00	0.00	0.00	0.00	7.46	0.00	0.00	1.87	0.00	1.09	0.00
87	0.00	0.00	0.00	0.00	6.70	0.00	0.00	1.01	0.00	0.83	0.00
88	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.95	0.00	0.04	0.00
89	0.00	0.00	0.00	0.00	8.04	0.00	0.00	0.81	0.00	0.40	0.00
90	0.00	0.00	0.00	0.00	1.82	0.00	0.00	1.75	0.00	0.06	0.00
91	0.00	0.00	0.00	0.00	2.80	0.00	0.00	0.07	0.00	0.21	0.00
92	0.00	0.00	0.00	2.08	12.29	0.00	0.00	2.83	0.00	1.64	0.00
93	0.00	0.00	0.00	0.00	11.90	0.00	0.00	0.09	0.00	1.27	0.00
94	0.00	0.00	0.00	1.19	14.02	0.00	0.00	1.71	0.00	1.97	0.00
95	1.27	0.00	0.00	3.40	1.27	0.00	0.00	0.27	0.00	0.00	0.00
96	0.00	0.00	0.00	8.70	20.21	0.00	0.00	1.41	0.00	1.45	0.00
97	0.00	0.00	0.00	9.41	0.00	2.98	0.00	3.86	0.00	1.05	0.00
98	0.00	0.00	0.00	17.01	9.38	3.49	0.00	6.63	0.00	2.77	0.00
99	0.00	0.00	0.00	8.75	25.05	0.00	0.00	1.26	0.00	2.31	0.00
100	0.00	0.00	0.00	10.37	0.00	13.62	0.00	2.43	0.00	4.15	0.00
101	0.00	0.00	0.00	10.28	0.00	7.88	0.00	9.95	0.00	4.80	0.00
102	0.00	0.00	0.00	18.25	0.00	17.73	0.00	2.68	0.00	3.67	0.00
103	0.00	0.00	0.00	28.56	0.00	15.61	0.00	5.00	0.00	3.67	0.00
104	0.00	0.00	0.00	0.00	4.59	0.00	0.00	1.62	0.00	0.60	0.00
105	0.00	0.00	0.00	0.00	6.53	0.00	0.00	1.47	0.00	1.02	0.00
106	0.00	0.00	0.00	0.00	3.95	0.00	0.00	1.36	0.00	0.31	0.00
107	0.00	0.00	0.00	0.00	2.70	0.00	0.00	0.32	0.00	0.12	0.00
108	0.00	0.00	0.00	0.00	3.36	0.00	0.00	0.15	0.00	0.21	0.00
109	0.00	0.00	0.00	0.00	2.26	0.00	0.00	0.10	0.00	0.06	0.00
110	0.00	0.00	0.00	15.90	0.00	8.29	0.00	2.83	0.00	11.11	0.00
111	0.00	0.00	0.00	16.18	3.19	23.53	0.00	4.23	0.00	5.55	0.00
112	0.00	0.00	0.00	30.48	5.73	0.00	0.00	8.65	0.00	1.81	0.00
113	0.00	0.00	0.00	0.00	0.38	0.00	0.00	1.19	0.00	0.16	0.00
114	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.60	0.04	0.00
115	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.38	0.00	0.35	0.00
116	0.00	0.00	0.00	0.63	2.04	0.00	0.00	0.69	0.00	0.40	0.00
117	0.00	0.00	0.00	0.58	1.65	0.00	0.00	0.53	0.00	0.29	0.00
118	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0.85	0.00	0.27	0.00
119	0.00	0.00	0.00	1.01	1.26	0.00	0.00	0.60	0.00	0.25	0.00
120	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.50	0.00	0.25	0.00
121	0.00	0.00	0.00	0.69	1.47	0.00	0.00	0.60	0.00	0.25	0.00
122	0.00	0.00	0.00	0.00	2.24	0.00	0.00	0.47	0.00	0.29	0.00
123	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.42	0.00	0.15	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
124	0.00	0.00	0.00	1.06	0.16	0.00	0.00	0.59	0.00	0.12	0.00
125	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.28	0.00	0.06	0.00
126	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.19	0.00	0.10	0.00
127	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.67	0.00	0.33	0.00
128	0.00	0.00	0.00	0.00	2.39	0.00	0.00	0.46	0.00	0.37	0.00
129	0.00	0.00	0.00	0.00	2.02	0.00	0.00	0.42	0.00	0.33	0.00
130	0.00	0.00	0.00	0.00	1.92	0.00	0.00	0.38	0.00	0.31	0.00
131	0.00	0.00	0.00	0.00	2.03	0.00	0.00	0.41	0.00	0.31	0.00
132	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.35	0.00	0.21	0.00
133	0.00	0.00	0.00	0.00	2.02	0.00	0.00	0.48	0.00	0.34	0.00
134	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.25	0.00	0.15	0.00
135	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.43	0.00	0.37	0.00
136	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.42	0.00	0.08	0.00
137	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.37	0.00	0.08	0.00
138	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.35	0.00	0.08	0.00
139	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.41	0.00	0.17	0.00
140	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.55	0.00	0.12	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.29	0.06	0.00
142	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.63	0.00	0.40	0.00
143	0.00	0.00	0.00	0.00	3.82	0.00	0.00	0.60	0.00	0.69	0.00
144	0.00	0.00	0.00	0.00	1.92	0.00	0.00	0.47	0.00	0.42	0.00
145	0.00	0.00	0.00	0.00	2.02	0.00	0.00	0.73	0.00	0.46	0.00
146	0.00	0.00	0.00	0.00	1.43	0.00	0.00	0.85	0.00	0.39	0.00
147	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.40	0.04	0.00
148	0.43	0.39	0.62	0.16	0.00	0.00	0.00	0.00	0.00	0.02	0.07
149	0.00	0.00	0.29	0.16	0.00	0.00	0.00	0.00	0.19	0.02	0.12
150	0.00	0.00	0.00	0.00	1.83	0.00	0.00	0.32	0.00	0.35	0.00
151	0.00	0.00	0.00	0.00	8.45	0.00	0.00	1.51	0.00	1.12	0.00
152	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.15	0.07	0.13	0.00
153	0.00	0.00	0.00	7.97	22.16	0.00	0.00	2.69	0.00	3.10	0.00
154	0.00	0.00	0.00	6.31	23.05	0.00	0.00	2.05	0.00	3.02	0.00
155	0.00	0.00	0.00	0.00	19.18	0.00	0.00	3.24	0.00	1.76	0.00
156	0.00	0.00	0.00	5.39	17.33	0.00	0.00	2.25	0.00	1.91	0.00
157	0.00	0.00	0.00	4.02	20.90	0.00	0.00	2.15	0.00	1.94	0.00
158	0.00	0.00	0.00	4.60	8.08	0.00	0.00	0.90	0.00	1.23	0.00
159	0.00	0.00	0.00	0.45	8.13	0.00	0.00	0.06	0.00	0.87	0.00
160	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.67	0.00	0.10	0.00
161	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.76	0.00	0.10	0.00
162	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.06	0.00
163	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.28	0.00	0.08	0.00
164	0.00	0.00	0.00	31.03	0.00	8.48	0.00	4.32	0.00	1.48	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
165	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.57	0.00	0.08	0.00
166	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.82	0.00	0.12	0.00
167	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.60	0.00	0.08	0.00
168	0.00	0.00	0.00	0.00	3.25	0.00	0.00	0.22	0.00	0.32	0.00
169	0.00	0.00	0.00	0.00	3.16	0.00	0.00	0.35	0.00	0.36	0.00
170	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.71	0.00	0.23	0.00
171	0.00	0.00	0.00	0.00	5.55	0.00	0.00	0.81	0.00	0.98	0.00
172	0.00	0.00	0.00	0.00	2.71	0.00	0.00	0.58	0.00	0.32	0.00
173	0.00	0.00	0.00	0.00	5.46	0.00	0.00	0.30	0.00	0.89	0.00
174	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.35	0.00	0.19	0.00
175	0.00	0.00	0.00	0.00	2.96	0.00	0.00	0.59	0.00	0.26	0.00
176	0.00	0.00	0.00	0.00	6.13	0.00	0.00	0.76	0.00	0.67	0.00
177	0.00	0.00	0.00	0.00	4.23	0.00	0.00	0.13	0.00	0.60	0.00
178	0.00	0.00	0.00	0.00	6.09	0.00	0.00	2.47	0.00	1.38	0.00
179	0.00	0.00	0.00	0.00	4.80	0.00	0.00	0.15	0.00	0.51	0.00
180	0.00	0.00	0.00	0.00	5.68	0.00	0.00	0.85	0.00	0.61	0.00
181	0.00	0.00	0.00	0.00	4.18	0.00	0.00	0.49	0.00	0.42	0.00
182	0.00	0.00	0.00	0.00	2.12	0.00	0.00	1.29	0.00	0.29	0.00
183	0.00	0.00	0.00	0.00	2.07	0.00	0.00	1.29	0.00	0.19	0.00
184	0.00	0.00	0.00	0.00	3.42	0.00	0.00	0.39	0.00	0.35	0.00
185	0.00	0.00	0.00	0.00	1.74	0.00	0.00	1.10	0.00	0.10	0.00
186	0.00	0.00	0.00	0.00	2.55	0.00	0.00	0.27	0.00	0.10	0.00
187	0.00	0.00	0.00	0.00	3.12	0.00	0.00	0.40	0.00	0.10	0.00
188	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.63	0.00	0.17	0.00
189	0.00	0.00	0.00	0.00	2.86	0.00	0.00	0.18	0.00	0.06	0.00
190	0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.33	0.00	0.08	0.00
191	0.00	0.00	0.00	0.00	0.96	0.00	0.62	0.00	0.00	0.00	0.00
192	0.00	0.00	0.21	1.35	0.00	0.00	0.47	0.00	0.00	0.00	0.00
193	0.00	0.00	0.00	0.91	4.26	0.00	0.00	2.74	0.00	0.95	0.00
194	0.00	0.00	0.00	0.00	2.09	0.00	0.00	0.57	0.00	0.15	0.00
195	0.00	0.00	0.00	0.00	3.65	0.00	0.00	0.61	0.00	0.54	0.00
196	0.00	0.00	0.00	0.00	3.61	0.00	0.00	0.60	0.00	0.31	0.00
197	0.00	0.00	0.00	0.00	1.49	0.00	0.00	1.22	0.00	0.00	0.00
198	0.00	0.00	0.00	0.00	7.86	0.00	0.00	0.97	0.00	1.03	0.00
199	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.62	0.00	0.56	0.00
200	0.00	0.00	0.00	36.62	0.00	10.33	0.00	8.93	0.00	3.59	0.00
201	0.00	0.00	0.00	0.00	5.77	0.00	0.00	0.69	0.00	0.54	0.00
202	0.00	0.00	0.00	0.00	1.87	0.00	0.00	0.29	0.00	0.13	0.00
203	0.00	0.00	0.00	0.00	6.08	0.00	0.00	0.66	0.00	0.54	0.00
204	0.00	0.00	0.00	0.00	5.59	0.00	0.00	0.40	0.00	0.57	0.00
205	0.00	0.00	0.00	0.00	7.79	0.00	0.00	0.68	0.00	0.80	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
206	0.00	0.00	0.00	0.00	3.03	0.00	0.00	0.42	0.00	0.26	0.00
207	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.61	0.00	0.63	0.00
208	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.62	0.00	0.48	0.00
209	0.00	0.00	0.00	0.00	2.33	0.00	0.00	0.16	0.00	0.14	0.00
210	0.00	0.00	0.00	0.00	2.75	0.00	0.00	0.27	0.00	0.23	0.00
211	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.93	0.00	0.38	0.00
212	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.51	0.00	0.10	0.00
213	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.30	0.22	0.37	0.00
214	0.00	0.00	0.00	0.25	0.91	0.00	0.00	0.22	0.00	0.08	0.00
215	0.00	0.00	0.00	0.00	4.16	0.00	0.00	0.77	0.00	0.46	0.00
216	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.62	0.00	0.30	0.00
217	0.00	0.00	0.00	0.00	4.23	0.00	0.00	0.83	0.00	0.50	0.00
218	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.42	0.00	0.25	0.00
219	0.00	0.00	0.00	0.00	3.10	0.00	0.00	0.69	0.00	0.38	0.00
220	0.00	0.00	0.00	0.00	3.18	0.00	0.00	0.55	0.00	0.34	0.00
221	0.00	0.00	0.00	0.00	2.93	0.00	0.00	0.69	0.00	0.31	0.00
222	0.00	0.00	0.00	0.15	1.13	0.00	0.00	0.35	0.00	0.15	0.00
223	0.00	0.00	0.00	0.00	4.94	0.00	0.00	0.72	0.00	0.61	0.00
224	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.59	0.00	0.37	0.00
225	0.00	0.00	0.00	0.00	6.06	0.00	0.00	1.19	0.00	0.78	0.00
226	0.00	0.00	0.00	0.00	3.03	0.00	0.00	0.43	0.00	0.64	0.00
227	0.00	0.00	0.00	0.00	3.27	0.00	0.00	0.69	0.00	0.56	0.00
228	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.85	0.00	0.95	0.00
229	0.00	0.00	0.00	0.00	4.70	0.00	0.00	1.00	0.00	0.90	0.00
230	0.00	0.00	0.00	0.00	4.39	0.00	0.00	0.58	0.00	0.71	0.00
231	0.00	0.00	0.00	0.00	5.05	0.00	0.00	0.83	0.00	0.50	0.00
232	0.00	0.00	0.00	0.00	4.55	0.00	0.00	0.95	0.00	0.77	0.00
233	0.00	0.00	0.00	0.00	7.02	0.00	0.00	1.40	0.00	1.10	0.00
234	0.00	0.00	0.00	4.14	15.78	0.00	0.00	1.59	0.00	1.76	0.00
235	0.00	0.00	0.00	3.45	16.69	0.00	0.00	1.47	0.00	1.82	0.00
236	0.00	0.00	0.00	0.20	13.66	0.00	0.00	1.59	0.00	1.65	0.00
237	0.00	0.00	0.00	0.96	14.47	0.00	0.00	1.62	0.00	1.87	0.00
238	0.00	0.00	0.00	0.00	8.37	0.00	0.00	1.91	0.00	1.30	0.00
239	0.00	0.00	0.00	1.38	9.53	0.00	0.00	1.22	0.00	1.50	0.00
240	0.00	0.00	0.00	0.64	12.53	0.00	0.00	0.87	0.00	1.38	0.00
241	0.00	0.00	0.00	0.00	1.64	0.00	0.00	1.11	0.00	0.04	0.00
242	0.00	0.00	0.00	0.00	1.96	0.00	0.00	0.15	0.00	0.08	0.00
243	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.27	0.00	0.12	0.00
244	0.00	0.00	0.00	0.00	1.75	0.00	0.00	1.67	0.00	0.04	0.00
245	0.00	0.00	0.00	0.00	0.30	0.00	0.00	1.42	0.00	0.04	0.00
251	0.00	0.00	0.00	0.12	0.07	0.00	0.00	0.00	0.00	0.09	0.01

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
252	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.07	0.00
253	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.09	0.00
254	0.00	0.00	0.63	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
275	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.10	0.00	0.06	0.00
278	0.00	0.00	0.00	0.15	7.72	0.00	0.00	1.29	0.00	1.02	0.00
279	0.00	0.00	0.00	0.00	7.53	0.00	0.00	0.92	0.00	0.95	0.00
280	0.00	0.00	0.00	0.00	7.31	0.00	0.00	0.90	0.00	0.87	0.00
281	0.00	0.00	0.00	0.00	5.94	0.00	0.00	0.61	0.00	0.79	0.00
282	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.63	0.00	0.42	0.00
283	0.00	0.00	0.00	0.00	3.96	0.00	0.00	0.51	0.00	0.45	0.00
284	0.00	0.00	0.00	0.00	3.48	0.00	0.00	0.28	0.00	0.47	0.00
285	0.00	0.00	0.00	0.00	3.61	0.00	0.00	0.65	0.00	0.54	0.00
286	0.00	0.00	0.00	0.00	2.80	0.00	0.00	0.47	0.00	0.41	0.00
287	0.00	0.00	0.00	0.00	6.50	0.00	0.00	1.08	0.00	0.85	0.00
318	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.40	0.25	0.08	0.00
319	0.00	0.00	0.00	0.00	3.45	0.00	0.00	1.76	0.00	0.60	0.00
320	0.00	0.00	0.00	0.00	2.56	0.00	0.00	2.58	0.00	0.56	0.00
321	0.00	0.00	0.00	1.10	9.42	0.00	0.00	2.99	0.00	1.00	0.00
322	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.40	0.00	0.08	0.00
323	0.00	0.00	0.00	0.00	5.86	0.00	0.00	2.29	0.00	1.11	0.00
324	0.00	0.00	0.00	0.00	6.07	0.00	0.00	2.85	3.35	1.25	0.00
325	0.00	0.00	0.00	0.00	7.14	0.00	0.00	1.73	0.00	0.80	0.00
326	0.00	0.00	0.00	0.00	5.50	0.00	0.00	2.51	0.00	0.87	0.00
327	0.00	0.00	0.00	0.00	8.30	0.00	0.00	2.43	0.00	1.04	0.00
328	0.00	0.00	0.00	0.00	5.58	0.00	0.00	2.87	0.00	0.88	0.00
329	0.00	0.00	0.00	0.68	2.95	0.00	0.00	1.69	0.00	0.54	0.00
330	0.00	0.00	0.00	1.21	10.45	0.00	0.00	2.25	0.00	1.32	0.00
331	0.00	0.00	0.00	0.44	2.66	0.00	0.00	1.01	0.00	0.44	0.00
332	0.00	0.00	0.00	0.00	6.59	0.00	0.00	2.02	0.00	0.94	0.00
333	0.00	0.00	0.00	0.00	13.74	0.00	0.00	1.41	0.00	1.30	0.00
334	0.00	0.00	0.00	0.00	4.63	0.00	0.00	0.75	0.00	0.43	0.00
335	0.00	0.00	0.00	0.00	6.50	0.00	0.00	2.42	0.00	1.06	0.00
336	0.00	0.00	0.00	7.63	13.43	0.00	0.00	5.20	0.00	1.89	0.00
337	0.00	0.00	0.00	12.39	6.27	0.00	0.00	6.86	0.00	1.61	0.00
338	0.00	0.00	0.00	0.00	7.21	0.00	0.00	0.96	0.00	0.81	0.00
339	0.00	0.00	0.00	0.00	7.11	0.00	0.00	1.22	0.00	0.95	0.00
340	0.00	0.00	0.00	0.00	8.13	0.00	0.00	1.41	0.00	1.00	0.00
341	0.00	0.00	0.00	0.00	5.83	0.00	0.00	2.39	0.00	0.87	0.00
342	0.00	0.00	0.00	0.00	2.96	0.00	0.00	0.34	0.00	0.42	0.00
343	0.00	0.00	0.00	0.00	3.60	0.00	0.00	1.07	0.00	0.75	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
344	0.00	0.00	0.00	0.00	5.48	0.00	0.00	0.71	0.00	0.77	0.00
345	0.00	0.00	0.00	0.00	6.29	0.00	0.00	0.96	0.00	0.95	0.00
346	0.00	0.00	0.00	0.00	3.39	0.00	0.00	0.82	0.00	0.59	0.00
347	0.00	0.00	0.00	0.00	3.12	0.00	0.00	0.31	0.00	0.35	0.00
348	0.00	0.00	0.00	0.00	4.17	0.00	0.00	0.59	0.00	0.39	0.00
349	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.58	0.00	0.06	0.00
350	0.00	0.00	0.00	0.00	2.23	0.00	0.00	0.60	0.00	0.25	0.00
351	0.00	0.00	0.00	0.27	8.92	0.00	0.00	1.52	0.00	1.02	0.00
352	0.00	0.00	0.00	0.00	7.03	0.00	0.00	1.81	0.00	0.87	0.00
353	0.00	0.00	0.00	0.00	3.27	0.00	0.00	1.52	0.00	0.48	0.00
354	0.00	0.00	0.00	0.00	2.67	0.00	0.00	0.91	0.00	0.54	0.00
355	0.00	0.00	0.00	0.00	2.47	0.00	0.00	0.74	0.00	0.64	0.00
356	0.00	0.00	0.00	0.00	6.77	0.00	0.00	1.05	0.00	0.82	0.00
357	0.00	0.00	0.00	0.00	3.10	0.00	0.00	0.28	0.00	0.44	0.00
358	0.00	0.00	0.00	0.00	2.85	0.00	0.00	0.82	0.00	0.33	0.00
359	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.85	0.00	0.35	0.00
360	0.00	0.00	0.00	0.00	0.78	0.00	0.00	1.00	0.42	0.33	0.00
361	0.00	0.00	0.00	0.00	4.75	0.00	0.00	1.28	0.00	0.56	0.00
362	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.59	0.43	0.36	0.00
363	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.26	0.02	0.00
364	0.00	0.00	0.00	0.47	2.48	0.00	0.00	1.22	0.00	0.46	0.00
365	0.00	0.00	0.00	0.00	2.66	0.00	0.00	1.34	0.00	0.48	0.00
366	0.00	0.00	0.00	0.00	2.55	0.00	0.00	1.50	0.00	0.54	0.00
367	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.34	0.00	0.00
368	0.00	0.00	0.00	4.05	16.02	0.00	0.00	2.66	0.00	1.74	0.00
369	0.00	0.00	0.00	0.00	14.27	0.00	0.00	0.68	0.00	1.25	0.00
370	0.00	0.00	0.00	0.00	6.08	0.00	0.00	0.81	0.00	0.88	0.00
371	0.00	0.00	0.00	6.36	10.90	0.00	0.00	2.06	0.00	1.41	0.00
372	0.00	0.00	0.00	0.00	5.52	0.00	0.00	1.03	0.00	0.58	0.00
373	0.00	0.00	0.00	0.00	14.63	0.00	0.00	0.91	0.00	1.04	0.00
374	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.73	0.00	0.06	0.00
375	0.00	0.00	0.00	0.00	2.65	0.00	0.00	1.39	0.00	0.83	0.00
376	0.00	0.00	0.00	0.00	1.85	0.00	0.00	0.81	0.00	0.35	0.00
377	0.00	0.00	0.00	14.63	6.24	11.59	0.00	3.10	0.00	3.74	0.00
378	0.00	0.00	0.00	0.00	3.76	0.00	0.00	1.03	0.00	0.58	0.00
379	0.00	0.00	0.00	0.00	6.33	0.00	0.00	1.92	0.00	1.69	0.00
380	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.29	0.00	0.13	0.00
381	0.00	0.00	0.00	0.00	2.91	0.00	0.00	0.89	0.00	0.60	0.00
382	0.00	0.00	0.00	0.00	3.45	0.00	0.00	1.03	0.00	0.63	0.00
383	0.00	0.00	0.00	9.97	19.32	0.00	0.00	2.76	0.00	5.39	0.00
384	0.00	0.00	0.00	0.00	0.81	0.00	0.00	1.47	0.00	0.39	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	AC	NAMETA	WO	DIOP	HYP	OL	CAORTHO	MT	HEM	ILM	SPH
385	0.00	0.00	0.00	0.00	1.51	0.00	0.00	1.11	0.00	0.39	0.00

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
1	0.00	0.35
2	0.00	0.21
3	0.00	0.51
4	0.00	0.40
5	0.00	0.21
6	0.00	0.00
7	0.00	2.23
8	0.00	2.39
9	0.00	1.20
10	0.00	0.23
11	0.00	0.35
12	0.00	0.49
13	0.00	0.36
14	0.00	0.12
15	0.00	0.98
16	0.00	0.21
17	0.00	0.40
18	0.00	1.39
19	0.00	1.19
20	0.00	0.85
21	0.00	0.44
22	0.00	0.59
23	0.00	0.30
24	0.00	0.31
25	0.00	0.54
26	0.00	0.59
27	0.00	0.26
28	0.00	0.28
29	0.00	0.26
30	0.00	0.19
31	0.00	0.21
32	0.00	0.33
33	0.00	0.26
34	0.00	0.36
35	0.00	0.29
36	0.00	0.81
37	0.00	0.00
38	0.00	0.40
39	0.00	0.43
40	0.00	0.38
41	0.00	0.33

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
42	0.00	0.09
43	0.00	0.29
44	0.00	0.07
45	0.00	0.29
46	0.00	0.33
47	0.00	0.69
48	0.00	0.31
49	0.00	0.12
50	0.00	0.12
51	0.00	0.28
52	0.00	0.10
53	0.00	0.40
54	0.00	0.26
55	0.00	0.38
56	0.00	0.38
57	0.00	0.31
58	0.00	0.05
59	0.00	0.09
60	0.00	0.12
61	0.00	0.98
62	0.00	0.09
63	0.00	0.24
64	0.00	0.31
65	0.00	0.05
66	0.00	0.02
67	0.00	0.31
68	0.00	0.38
69	0.00	0.38
70	0.00	0.12
71	0.00	0.36
72	0.00	0.40
73	0.00	0.14
74	0.00	0.19
75	0.00	0.31
76	0.00	0.35
77	0.00	0.66
78	0.00	0.31
79	0.00	0.17
80	0.00	0.33
81	0.00	0.59
82	0.00	0.26

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
83	0.00	0.21
84	0.00	0.57
85	0.00	0.36
86	0.00	0.38
87	0.00	0.33
88	0.00	0.02
89	0.00	0.23
90	0.00	0.05
91	0.00	0.07
92	0.00	0.49
93	0.00	0.49
94	0.00	0.72
95	0.00	0.00
96	0.00	0.61
97	0.00	0.75
98	0.00	0.80
99	0.00	0.07
100	0.00	0.14
101	0.00	0.14
102	0.00	0.07
103	0.00	0.17
104	0.00	0.61
105	0.00	0.38
106	0.00	0.47
107	0.00	0.63
108	0.00	0.56
109	0.00	0.59
110	0.00	2.41
111	0.00	1.04
112	0.00	0.73
113	0.00	0.05
114	0.04	0.05
115	0.00	0.12
116	0.00	0.12
117	0.00	0.07
118	0.00	0.07
119	0.00	0.07
120	0.00	0.12
121	0.00	0.07
122	0.00	0.09
123	0.00	0.05

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
124	0.00	0.05
125	0.00	0.05
126	0.00	0.07
127	0.00	0.19
128	0.00	0.19
129	0.00	0.16
130	0.00	0.21
131	0.00	0.16
132	0.00	0.16
133	0.00	0.19
134	0.00	0.14
135	0.00	0.33
136	0.00	0.21
137	0.00	0.23
138	0.00	0.42
139	0.00	0.14
140	0.00	0.19
141	0.00	0.56
142	0.00	0.21
143	0.00	0.33
144	0.00	0.21
145	0.00	0.26
146	0.00	0.26
147	0.04	0.12
148	0.00	0.05
149	0.00	0.09
150	0.00	0.14
151	0.00	0.42
152	0.00	0.07
153	0.00	0.65
154	0.00	0.66
155	0.00	1.16
156	0.00	1.39
157	0.00	1.32
158	0.00	0.73
159	0.00	0.41
160	0.00	0.05
161	0.00	0.05
162	0.00	0.05
163	0.00	0.28
164	0.00	1.37

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
165	0.00	0.05
166	0.00	0.05
167	0.00	0.05
168	0.00	0.09
169	0.00	0.09
170	0.00	0.18
171	0.00	0.30
172	0.00	0.09
173	0.00	0.46
174	0.00	0.18
175	0.00	0.09
176	0.00	0.23
177	0.00	0.25
178	0.00	0.51
179	0.00	0.23
180	0.00	0.21
181	0.00	0.14
182	0.00	0.09
183	0.00	0.07
184	0.00	0.19
185	0.00	0.07
186	0.00	0.19
187	0.00	0.19
188	0.00	0.14
189	0.00	0.16
190	0.00	0.14
191	0.00	0.09
192	0.00	0.05
193	0.00	0.71
194	0.00	0.00
195	0.00	0.28
196	0.00	0.14
197	0.00	0.21
198	0.00	0.66
199	0.00	0.19
200	0.00	6.92
201	0.00	0.23
202	0.00	0.09
203	0.00	0.19
204	0.00	0.21
205	0.00	0.33

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
206	0.00	0.21
207	0.00	0.21
208	0.00	0.17
209	0.00	0.17
210	0.00	0.14
211	0.00	0.16
212	0.00	0.28
213	0.00	0.19
214	0.00	0.09
215	0.00	0.21
216	0.00	0.25
217	0.00	0.23
218	0.00	0.12
219	0.00	0.19
220	0.00	0.14
221	0.00	0.14
222	0.00	0.12
223	0.00	0.33
224	0.00	0.19
225	0.00	0.33
226	0.00	0.26
227	0.00	0.19
228	0.00	0.28
229	0.00	0.35
230	0.00	0.30
231	0.00	0.23
232	0.00	0.35
233	0.00	0.45
234	0.00	0.51
235	0.00	0.54
236	0.00	0.45
237	0.00	0.42
238	0.00	0.50
239	0.00	0.52
240	0.00	0.47
241	0.00	0.12
242	0.00	0.14
243	0.00	0.09
244	0.00	0.12
245	0.00	0.21
251	0.00	0.07

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
252	0.12	0.10
253	0.06	0.07
254	0.00	0.05
255	0.00	0.10
275	0.00	0.17
278	0.00	0.33
279	0.00	0.28
280	0.00	0.26
281	0.00	0.26
282	0.00	0.35
283	0.00	0.19
284	0.00	0.21
285	0.00	0.14
286	0.00	0.17
287	0.00	0.19
318	0.00	0.12
319	0.00	0.33
320	0.00	0.42
321	0.00	0.64
322	0.00	0.12
323	0.00	0.43
324	0.00	0.70
325	0.00	0.24
326	0.00	0.36
327	0.00	0.45
328	0.00	0.36
329	0.00	0.33
330	0.00	0.33
331	0.00	0.21
332	0.00	0.33
333	0.00	0.24
334	0.00	0.14
335	0.00	0.37
336	0.00	1.27
337	0.00	1.15
338	0.00	0.24
339	0.00	0.33
340	0.00	0.29
341	0.00	0.45
342	0.00	0.24
343	0.00	0.35

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
344	0.00	0.38
345	0.00	0.38
346	0.00	0.23
347	0.00	0.28
348	0.00	0.14
349	0.00	0.07
350	0.00	0.09
351	0.00	0.31
352	0.00	0.28
353	0.00	0.14
354	0.00	0.21
355	0.00	0.24
356	0.00	0.28
357	0.00	0.16
358	0.00	0.12
359	0.00	0.09
360	0.00	0.12
361	0.00	0.19
362	0.00	0.14
363	0.05	0.05
364	0.00	0.19
365	0.00	0.21
366	0.00	0.16
367	0.06	0.05
368	0.00	0.83
369	0.00	0.66
370	0.00	0.33
371	0.00	0.71
372	0.00	0.31
373	0.00	0.38
374	0.00	0.16
375	0.00	0.33
376	0.00	0.28
377	0.00	0.85
378	0.00	0.24
379	0.00	0.61
380	0.00	0.05
381	0.00	0.21
382	0.00	0.23
383	0.00	1.83
384	0.00	0.12

TABLE 2: CIPW NORMATIVE MINERALOGY

LOCN	RUT	AP
385	0.00	0.12

TABLE 3: TRACE ELEMENT DATA PUBLISHED IN RI 91-3

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NUMBER	SAMPLE	Rb(ppm)	Sr(ppm)	Y(ppm)	Nb(ppm)	Zr(ppm)	Ba(ppm)	Cr2O3(wt%)
5	72AFr216	166.0	289.0	18.0	<10	120.0	921.0	<0.01
6	70AWr319	622.0	<10	60.0	29.0	63.0	139.0	<0.01
48	66AWr78	197.0	393.0	30.0	30.0	194.0	1360.0	<0.01
49	73AWr88h	258.0	21.0	31.0	11.0	117.0	212.0	<0.01
50	73AWr88k	276.0	52.0	41.0	21.0	115.0	280.0	0.01
51	74AFr638A	139.0	262.0	30.0	10.0	148.0	1050.0	<0.01
52	74AFr646a	125.0	145.0	28.0	12.0	89.0	1090.0	<0.01
53	74AFr771a	118.0	345.0	42.0	14.0	211.0	767.0	<0.01
54	74AFr777c	133.0	316.0	17.0	16.0	134.0	1300.0	<0.01
55	74AFr3001	159.0	465.0	<10	28.0	146.0	1450.0	0.01
56	74AWr177a	105.0	392.0	57.0	12.0	189.0	614.0	<0.01
57	74AWr196	186.0	236.0	60.0	15.0	131.0	744.0	<0.01
58	74AWr202a	197.0	<10	52.0	30.0	82.0	303.0	<0.01
59	74AWr233	207.0	69.0	75.0	28.0	95.0	622.0	<0.01
60	74AWr254a	124.0	419.0	<10	22.0	52.0	1230.0	<0.01
61	74AWr370	88.0	713.0	29.0	26.0	142.0	1690.0	<0.01
62	75AFr207a	310.0	65.0	46.0	32.0	72.0	479.0	<0.01
63	72AFr215	163.0	367.0	14.0	22.0	139.0	1080.0	<0.01
64	75AFr238	168.0	305.0	29.0	<10	154.0	991.0	<0.01
65	75AFr630	506.0	<10	132.0	63.0	240.0	43.0	0.01
66	75AFr636b	558.0	<10	198.0	56.0	191.0	73.0	<0.01
67	75AFr663a	133.0	359.0	35.0	22.0	150.0	1250.0	<0.01
68	75AFr675	128.0	469.0	34.0	<10	142.0	1430.0	<0.01
69	75AFr733	117.0	334.0	39.0	21.0	194.0	668.0	<0.01
70	75AFr754b	217.0	62.0	<10	13.0	24.0	149.0	<0.01
71	75AFr781a	234.0	918.0	30.0	33.0	227.0	1840.0	<0.01
72	75AFr3308	159.0	405.0	23.0	18.0	151.0	1080.0	<0.01
73	75AFr2005/6	305.0	121.0	24.0	34.0	65.0	277.0	<0.01
73	75AFr2025	146.0	368.0	18.0	<10	148.0	1530.0	<0.01
75	75AFr2171	127.0	317.0	25.0	<10	130.0	778.0	<0.01
76	75AFr2175	151.0	430.0	21.0	11.0	158.0	845.0	<0.01
77	75AFr2182	122.0	655.0	37.0	11.0	157.0	1630.0	<0.01
78	75AFr3067	79.0	275.0	11.0	17.0	97.0	915.0	0.02
79	75AFr3142	185.0	145.0	29.0	21.0	86.0	639.0	0.01
80	75AFr3151	170.0	233.0	20.0	17.0	132.0	760.0	<0.01
81	75AFr3159	166.0	371.0	23.0	19.0	197.0	889.0	<0.01
82	75AWr181a	181.0	137.0	<10	18.0	72.0	583.0	<0.01
83	75AWr544	159.0	323.0	14.0	<10	170.0	1320.0	<0.01
84	76AFr516	58.0	545.0	30.0	18.0	181.0	933.0	<0.01
85	77AWr174	242.0	122.0	<10	<10	42.0	228.0	0.02
86	77AWr423	142.0	407.0	12.0	20.0	185.0	536.0	<0.01
87	74AFr3133a	147.0	289.0	16.0	16.0	159.0	852.0	<0.01

TABLE 3: TRACE ELEMENT DATA PUBLISHED IN RI 91-3

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NUMBER	SAMPLE	Rb(ppm)	Sr(ppm)	Y(ppm)	Nb(ppm)	Zr(ppm)	Ba(ppm)	Cr2O3(wt%)
278	84TS43	206.0	330.0	33.0	16.0	200.0	1080.0	<0.01
279	84TS44	176.0	391.0	30.0	19.0	180.0	1580.0	<0.01
280	84TS45	172.0	381.0	28.0	26.0	194.0	1480.0	<0.01
281	84TS46	177.0	351.0	21.0	18.0	162.0	1250.0	<0.01
282	84TS48	270.0	227.0	<10	13.0	84.0	621.0	<0.01
283	89RN105	244.0	683.0	20.0	17.0	92.0	1440.0	<0.01
284	89RN112	255.0	895.0	<10	<10	94.0	1930.0	<0.01
318	88RN300AP*	210.0	20.0	30.0	25.0	135.0	<100	<0.01
319	88RN300BL*	140.0	295.0	13.0	22.0	185.0	390.0	<0.01
320	88RN301*	150.0	290.0	27.0	22.0	220.0	1200.0	<0.01
321	88RN301M*	180.0	255.0	54.0	19.0	200.0	650.0	<0.01
322	88RN303*	160.0	60.0	35.0	23.0	78.0	220.0	<0.01
323	MOSQUITO-1	69.0	624.0	11.0	11.0	202.0	439.0	<0.01
324	TAUR-1	<10	707.0	14.0	17.0	128.0	832.0	<0.01
325	AS-1	100.0	330.0	30.0	10.0	117.0	1430.0	<0.01
326	TOK-1	137.0	668.0	<10	21.0	123.0	1790.0	<0.01
327	TOK-2	147.0	747.0	11.0	22.0	120.0	1760.0	0.01
328	TOK-3	133.0	749.0	14.0	<10	114.0	1940.0	<0.01
329	63AFr223	136.0	784.0	<10	16.0	110.0	1570.0	0.02
330	64AFr31	101.0	314.0	38.0	19.0	108.0	970.0	<0.01
331	64AFr79	72.0	1040.0	<10	16.0	98.0	2020.0	0.02
332	64AFr138	107.0	320.0	<10	26.0	141.0	1330.0	<0.01
333	64AFr142	131.0	242.0	<10	11.0	204.0	884.0	0.01
334	64AFr172	149.0	183.0	45.0	39.0	97.0	1220.0	0.01
335	64AFr227	129.0	392.0	28.0	17.0	156.0	1160.0	<0.01
336	68AFr107	69.0	967.0	45.0	11.0	217.0	1400.0	<0.01
337	68AFr227	74.0	996.0	33.0	10.0	204.0	1090.0	<0.01
338	69AFr664	124.0	296.0	28.0	16.0	138.0	1470.0	<0.01
339	69AFr696	125.0	327.0	31.0	14.0	164.0	1090.0	<0.01
340	69AFr721	117.0	323.0	15.0	18.0	137.0	1600.0	0.01
341	69AFr900A	113.0	606.0	30.0	28.0	146.0	1880.0	<0.01
342	70AFr310	202.0	221.0	31.0	<10	97.0	890.0	0.01
343	70AFr430	220.0	868.0	25.0	27.0	182.0	1670.0	0.01
344	70AFr466	171.0	302.0	24.0	25.0	123.0	894.0	0.01
345	70AFr2466B	206.0	361.0	17.0	10.0	225.0	1180.0	<0.01
346	70AFr2467	232.0	321.0	24.0	13.0	113.0	813.0	0.01
347	70AFr2471	145.0	205.0	19.0	20.0	90.0	1220.0	<0.01
348	70AFr2497A	171.0	176.0	40.0	10.0	86.0	1360.0	0.01
349	70AFr2497B	266.0	<10	50.0	14.0	45.0	138.0	0.02
350	70AWr67B	188.0	237.0	34.0	18.0	110.0	1120.0	0.02
351	71AFr99	126.0	422.0	34.0	<10	151.0	1330.0	<0.01
352	71AFr357	124.0	392.0	17.0	14.0	123.0	1260.0	<0.01

TABLE 3: TRACE ELEMENT DATA PUBLISHED IN RI 91-3

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NUMBER	SAMPLE	Rb(ppm)	Sr(ppm)	Y(ppm)	Nb(ppm)	Zr(ppm)	Ba(ppm)	Cr2O3(wt%)
353	71AFr363	150.0	342.0	45.0	<10	235.0	1430.0	0.01
354	71AFr717	228.0	237.0	13.0	18.0	182.0	784.0	0.01
355	71AFr718	248.0	381.0	<10	19.0	204.0	1650.0	0.01
356	71AFr719	155.0	327.0	26.0	22.0	168.0	1230.0	0.01
357	71AFr728	162.0	313.0	<10	<10	100.0	1380.0	0.01
358	71AWr86A	184.0	408.0	17.0	23.0	178.0	2480.0	0.02
359	74ARh70	180.0	89.0	53.0	19.0	175.0	635.0	0.03
360	90RN09	142.0	206.0	11.0	21.0	121.0	1320.0	24(ppm)
361	90RN10	159.0	327.0	26.0	19.0	154.0	1600.0	26(ppm)
362	90RN20a	177.0	283.0	<10	<10	133.0	1640.0	28(ppm)
363	90RN20b	219.0	29.0	26.0	24.0	40.0	133.0	23(ppm)
364	90RN21	187.0	331.0	25.0	32.0	151.0	1470.0	24(ppm)
365	90RN22	176.0	364.0	17.0	<10	143.0	1580.0	26(ppm)
366	90RN25a	149.0	258.0	33.0	<10	178.0	1690.0	23(ppm)
367	90RN25b	206.0	31.0	29.0	13.0	67.0	392.0	26(ppm)
375	4514*	-	-	-	-	-	0.08(wt%)	0.04
376	4515*	-	-	-	-	-	0.04(wt%)	0.03
377	4516*	-	-	-	-	-	0.04(wt%)	0.03
378	4517*	-	-	-	-	-	0.07(wt%)	0.03
379	4518*	-	-	-	-	-	0.18(wt%)	0.01
380	4519*	-	-	-	-	-	0.02(wt%)	0.02
381	4520*	-	-	-	-	-	0.12(wt%)	0.03
382	4521*	-	-	-	-	-	0.11(wt%)	0.03
383	4522*	-	-	-	-	-	0.12(wt%)	0.02
384	4523*	-	-	-	-	-	0.03(wt%)	0.03
385	4524*	-	-	-	-	-	0.03(wt%)	0.03