

Appendix Table 1 Modal Analyses (continued)

Sample No.	Thin Sect. No.	Spec. No.	K-feld. %	Plag. %	Quartz %	Biotite %	Hornbl. %	Diopside %	Access. %	Total Points
Hornblende-biotite quartz diorite										
92	23-C-54	18-C-54-4	-	42.2	9.3	19.3	27.8		1.4	834
93	30-C-54	18-C-54-11	-	48.4	10.9	11.2	27.9		1.6	852
94	61-M	23-M-53-1	-	48.6	14.6	18.9	16.7		1.2	726
95	72-M	24-M-53-1003	-	57.0	17.8	14.9	7.4		2.9	687
96	73-M	24-M-53-1009	1.4	47.5	7.5	18.3	22.3		3.0	726
97	111-M	22-M-53-23	-	50.5	9.9	14.2	21.4		4.0	890
98	98-M	29-M-53-1423	-	52.4	11.3	17.9	17.4		1.0	837
99	101-M	29-M-53-25	-	54.1	19.9	18.2	6.3		1.5	750
100	39-M	16-M-53-21	-	54.6	20.1	16.3	6.6		2.4	541
101	31-C	24-C-53-7	2.1	53.0	14.0	16.1	13.7		1.1	821
102	34-C	24-C-53-11	-	51.5	10.5	19.3	18.5		0.2	493
103	31-C-54	18-C-54-2	-	51.2	0.4	2.3	45.2		0.9	581
Initial Average			0.3	50.7	12.2	15.8	19.2		1.8	8688
32	24-C-53-11	-	-	50.1	9.8	19.7	19.0		1.4	1334
33	24-M-53-1003	-	-	50.7	6.8	18.4	21.9		2.2	1310
Final Average			0.2	50.6	11.3	16.6	19.5		1.8	11,332
Amphibolite										
104	29-C-54	18-C-54-10		44.8			54.4		0.8	596
105	44-C-54	19-C-54-12		27.9	0.5		71.1		0.5	430
106	65-C	33-C-53-1(2)		49.1			16.1	29.1	4.9	633
107	89-C	39-C-53-10	5.8	25.4	0.4		66.6		1.8	534
Average			1.4	38.0	0.2		49.6	8.6	2.2	2193

Sample No.	Thin Sect. No.	Spec. No.	K-feld. %	Plag. %	Quartz %	Biotite %	Hornbl. %	Musc. %	Access. %	Total Points
Alaskite										
108	22-C-54	18-C-54-3	27.2	37.3	31.3	0.7		2.2	1.3	905
109	32-C-54	18-C-54-18	36.4	23.8	34.8	1.5		2.7	0.8	773
110	87-C	39-C-53-7	35.2	21.2	39.0	3.0		0.9	0.7	693
111	35-M	16-M-53-13	30.6	31.6	35.5	1.4		-	0.9	559
112	94-M	24-M-53-8	21.0	38.4	36.2	1.5		2.9	-	410
Average			30.8	30.0	35.0	1.6		1.8	0.8	3340
Fairway Dyke (main body)										
113	18-C-52-1a	18-C-52-1	13.1	34.4	42.5	6.3		3.0	0.7	961
	18-C-52-1b	18-C-52-1	17.8	36.0	38.5	4.3		3.2	0.2	1156
114	24-C-52-8a	24-C-52-8	21.8	34.4	30.7	0.4		10.3	2.4	974
	24-C-52-8b	24-C-52-8	25.0	29.3	33.8	0.8		10.1	1.0	1004
Average			19.4	33.6	36.4	3.0		6.5	1.1	4095
Fairway Dyke (extension?)										
115	26-C-52-4	26-C-52-4	30.9	29.5	33.2	3.8		1.9	0.7	912
Nub Hill Granodiorite										
116	15-C-52-3	15-C-52-3	14.2	48.5	23.5	13.3			0.5	918
117	17-C-52-1a	17-C-52-1	21.5	39.0	29.6	9.3			0.6	1063
	17-C-52-1b	17-C-52-1	25.4	33.4	30.2	10.3			0.7	1160
	17-C-52-1c	17-C-52-1	21.4	41.1	27.2	9.0			1.3	1279
Average			21.1	39.9	27.9	10.3			0.8	4320

Sample No.	Thin Sect. No.	Spec. No.	K-Feld. %	Plag. %	Quartz %	Biotite %	Hornbl. %	Musc. %	Access. %	Total Points
Yukon Group Quartz-mica Schist										
Southeast end of Bon Ridge										
118	2-M	13-M-53-3	1.3	28.0	47.6	19.8		2.7	0.6	876
119	3-M	13-M-53-5	-	6.6	37.4	36.3		18.0	1.7	673
120	4-M	13-M-53-8	-	12.5	47.1	24.1		15.1	1.2	664
121	5-M	13-M-53-10	4.4	29.3	58.3	7.9		0.1	-	686
122	6-M	13-M-53-13	1.6	15.6	40.3	28.8		12.0	1.7	642
Average			1.4	19.0	46.4	23.0		9.2	1.0	3546
Central Bon Ridge										
123	8-M	14-M-53-1	1.4	16.4	17.6	62.2		2.4	-	415
124	10-M	14-M-53-140	0.6	1.1	44.8	38.5		15.0	-	467
125	11-M	14-M-53-143	0.2	22.5	66.5	5.6		5.2	-	462
Average			0.7	13.2	43.8	34.5		7.8	-	1344
Overall Average Bon Ridge samples										
Average			1.2	17.4	45.7	26.2		8.8	0.7	4890
Canyon Mountain Area										
126	62-C	31-C-53-9	0.6	10.9	73.5	13.1		0.6	1.3	467
127	69-C	33-C-53-8	13.6	19.1	52.6	13.8		-	0.9	530
128	70-C	34-C-53-2(1)	5.8	37.4	36.7	19.2		0.7	0.2	583
129	79-C	37-C-53-6(1)	-	17.7	62.1	19.1		0.6	0.4	491
130	82-C	39-C-53-2(1)	-	17.6	68.7	12.3		1.0	0.4	489
131	84-C	39-C-53-4(1)	-	40.2	54.6	4.9		-	0.3	794
Average			3.3	25.7	57.0	13.1		0.4	0.5	3354
Divide Ridges										
132	107-M	22-M-53-11	10.2	23.8	49.0	16.5		0.5	-	647
133	37-C	24-C-53-14	12.5	30.1	41.3	16.1		-	-	472
134	39-C-54	19-C-54-6	36.1	23.0	2.9	37.0		0.1	0.9	760
Average			21.2	25.1	28.4	24.7		0.2	0.4	1879
Overall Average - all samples of schist.										
Average			5.6	21.6	46.2	21.6		4.4	0.6	10,123