

Table DR1. White Mica Major Element Geochemistry for traverse samples
Values reported as weight percent (%) unless noted. ND = No data, negative values are below the detection limit.

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-1	gneiss	1	47.20	0.09	34.87	0.00	2.20	0.01	0.20	-0.03	0.34	9.57	99.82	3.15
CM 7/17/02-1	gneiss	2	47.81	0.11	33.41	0.00	2.92	0.07	0.31	0.01	0.18	8.88	99.71	3.21
CM 7/17/02-1	gneiss	3	46.91	0.10	33.80	0.01	2.79	0.13	0.27	-0.03	0.19	9.15	99.91	3.17
CM 7/17/02-1	gneiss	4	47.50	0.11	34.07	-0.01	2.51	0.10	0.30	-0.01	0.20	9.11	99.63	3.19
CM 7/17/02-1	gneiss	5	47.62	0.11	33.48	0.00	2.54	0.19	0.29	-0.02	0.15	9.13	99.89	3.21
CM 7/17/02-1	gneiss	6	48.06	0.12	31.73	0.00	3.08	0.09	0.37	-0.02	0.12	9.03	99.87	3.27
CM 7/17/02-1	gneiss	7	48.01	0.13	32.20	0.02	3.07	0.23	0.33	-0.05	0.06	9.58	99.00	3.25
CM 7/17/02-1	gneiss	9	46.91	0.10	33.44	0.01	2.49	0.21	0.27	-0.04	0.16	9.80	99.89	3.18
CM 7/17/02-1	gneiss	10	47.45	0.12	32.74	-0.02	2.96	0.13	0.29	0.02	0.13	8.91	99.87	3.23
CM 7/17/02-1	gneiss	12	48.16	0.13	32.28	-0.01	3.22	0.07	0.40	-0.03	0.20	9.32	99.00	3.25
CM 7/17/02-1	gneiss	13	47.23	0.11	34.26	0.01	2.36	0.06	0.25	-0.01	0.26	9.83	99.89	3.17
CM 7/17/02-1	gneiss	14	48.04	0.09	33.74	0.00	2.63	0.04	0.29	-0.03	0.30	9.09	99.87	3.21
CM 7/17/02-1	gneiss	15b	47.27	0.09	33.40	0.01	2.97	0.08	0.30	-0.01	0.27	9.26	99.00	3.19
CM 7/17/02-1	gneiss	16	47.80	0.13	31.88	0.00	3.30	0.20	0.34	-0.02	0.07	8.98	99.89	3.26
CM 7/17/02-1	gneiss	17	47.37	0.11	34.30	0.00	2.36	0.05	0.32	0.02	0.26	8.97	99.87	3.18
CM 7/17/02-1	gneiss	18	47.20	0.09	33.80	0.00	2.59	0.10	0.32	-0.03	0.25	9.96	99.00	3.17
CM 7/17/02-1	gneiss	19	47.24	0.10	33.78	-0.01	2.57	0.08	0.27	-0.02	0.20	10.02	99.89	3.18
CM 7/17/02-1	gneiss	21	48.29	0.13	32.38	0.00	2.98	0.34	0.32	-0.03	0.09	9.27	99.87	3.25
CM 7/17/02-1	gneiss	22	45.20	0.10	32.53	-0.01	2.39	0.05	0.30	-0.01	0.28	9.31	99.00	3.17
CM 7/17/02-1	gneiss	23	48.10	0.10	32.43	0.00	3.15	0.04	0.36	0.01	0.20	9.18	99.89	3.25
CM 7/17/02-1	gneiss	24	48.58	0.12	31.58	-0.01	3.38	0.08	0.39	-0.06	0.23	9.37	99.87	3.28
CM 7/17/02-1	gneiss	25	47.93	0.13	31.52	-0.02	3.45	0.05	0.37	-0.01	0.15	9.19	99.00	3.27
CM 7/17/02-1	gneiss	26	46.89	0.10	34.32	-0.02	2.31	0.05	0.26	0.04	0.29	9.06	99.89	3.16
CM 7/17/02-1	gneiss	27	47.16	0.12	34.36	-0.01	2.37	0.07	0.25	-0.03	0.37	9.55	99.87	3.16
CM 7/17/02-1	gneiss	29	47.82	0.15	31.79	0.02	3.43	0.15	0.31	-0.01	0.13	10.13	99.00	3.25
CM 7/17/02-1	gneiss	30	46.79	0.08	33.55	0.00	2.70	0.04	0.29	0.01	0.34	9.04	99.79	3.18
CM 7/17/02-1	gneiss	34	47.10	0.12	34.19	0.00	2.62	0.06	0.23	-0.01	0.22	9.65	99.75	3.16
CM 7/17/02-1	gneiss	37	47.73	0.13	33.22	0.01	3.13	0.11	0.31	-0.03	0.22	9.65	99.92	3.20
CM 7/17/02-1	gneiss	38	46.99	0.13	33.85	0.00	2.37	0.07	0.30	-0.01	0.23	8.80	99.64	3.18

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-2	gneiss	2	46.27	0.14	32.39	0.01	3.06	0.12	0.37	-0.08	0.15	11.06	93.48	3.17
CM 7/17/02-2	gneiss	3	45.78	0.14	32.60	0.00	3.19	0.09	0.41	0.01	0.41	10.49	93.11	3.15
CM 7/17/02-2	gneiss	4	46.25	0.15	32.09	0.01	3.11	0.11	0.45	-0.08	0.21	11.14	93.44	3.18
CM 7/17/02-2	gneiss	5	42.87	0.19	31.17	-0.02	3.27	0.11	0.48	-0.04	0.24	10.48	88.76	3.11
CM 7/17/02-2	gneiss	6	46.53	0.15	32.76	0.01	2.74	0.16	0.36	-0.05	0.12	10.62	93.40	3.18
CM 7/17/02-2	gneiss	9	45.85	0.16	32.81	-0.01	3.21	0.11	0.45	-0.04	0.22	10.50	93.27	3.15
CM 7/17/02-2	gneiss	10	46.60	0.15	32.63	-0.02	3.09	0.08	0.37	0.01	0.34	10.92	94.18	3.17
CM 7/17/02-2	gneiss	10b	45.67	0.15	31.02	-0.01	2.98	0.09	0.42	-0.02	0.35	11.00	91.65	3.20
CM 7/17/02-2	gneiss	13b	44.54	0.11	32.63	0.01	3.03	0.11	0.39	-0.06	0.20	11.23	92.17	3.11
CM 7/17/02-2	gneiss	14	46.02	0.17	32.65	-0.01	3.23	0.04	0.43	-0.06	0.31	11.07	93.84	3.15
CM 7/17/02-2	gneiss	16	44.85	0.16	32.34	0.00	2.82	0.11	0.43	-0.01	0.43	10.47	91.59	3.14
CM 7/17/02-2	gneiss	17	45.76	0.18	32.72	0.01	3.25	0.08	0.44	-0.03	0.29	11.03	93.73	3.14
CM 7/17/02-2	gneiss	18b	43.79	0.15	32.89	0.01	3.04	0.13	0.41	-0.04	0.33	10.57	91.28	3.08
CM 7/17/02-2	gneiss	18c	46.34	0.18	30.71	0.01	3.26	0.09	0.44	-0.04	0.34	10.54	91.88	3.23
CM 7/17/02-2	gneiss	19	46.01	0.10	31.99	0.00	3.03	0.16	0.36	-0.03	0.25	10.98	92.85	3.18
CM 7/17/02-2	gneiss	20	44.73	0.15	33.23	0.00	3.02	0.12	0.41	-0.08	0.25	11.10	92.93	3.10
CM 7/17/02-2	gneiss	20b	47.97	0.18	31.23	0.00	3.57	0.11	0.60	0.00	0.19	11.13	94.97	3.24
CM 7/17/02-2	gneiss	25	47.03	0.16	32.08	-0.01	3.12	0.11	0.44	0.00	0.24	10.99	94.16	3.20
CM 7/17/02-2	gneiss	26	46.91	0.11	31.24	0.00	3.34	0.09	0.36	-0.03	0.16	11.34	93.52	3.23
CM 7/17/02-2	gneiss	27	43.27	0.13	32.20	0.00	3.04	0.06	0.43	0.01	0.49	10.17	89.79	3.09
CM 7/17/02-2	gneiss	28b	45.68	0.13	32.73	0.00	2.95	0.06	0.41	0.01	0.43	10.32	92.73	3.15
CM 7/17/02-2	gneiss	29	47.09	0.17	32.17	0.02	3.08	0.16	0.47	-0.02	0.29	10.72	94.16	3.20
CM 7/17/02-2	gneiss	29c	45.23	0.14	31.94	0.01	3.06	0.09	0.42	-0.02	0.34	10.66	91.88	3.16
CM 7/17/02-2	gneiss	30	43.49	0.15	32.27	-0.02	3.26	0.10	0.64	0.88	0.49	10.06	91.32	3.07
CM 7/17/02-2	gneiss	13c	46.29	0.14	31.91	0.00	3.04	0.10	0.51	-0.03	0.20	11.03	93.20	3.19
CM 7/17/02-2	gneiss	32	46.12	0.18	31.69	0.00	3.06	0.06	0.42	-0.05	0.27	11.06	92.80	3.19
CM 7/17/02-2	gneiss	32c	42.40	0.15	31.34	0.00	3.18	0.08	0.40	-0.05	0.22	10.58	88.29	3.10
CM 7/17/02-2	gneiss	32d	45.06	0.17	33.06	-0.01	3.15	0.09	0.39	-0.04	0.41	10.87	93.15	3.11

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-4.1	selvage-A	1b	49.81	0.52	30.00	0.02	1.53	-0.01	2.71	-0.01	0.46	10.65	95.67	3.30
CM 7/17/02-4.1	selvage-A	2b	50.29	0.52	29.47	0.02	1.43	0.01	3.14	-0.02	0.75	10.02	95.64	3.32
CM 7/17/02-4.1	selvage-A	3	46.89	0.44	27.80	1.67	0.02	0.06	3.34	-0.05	0.58	9.97	90.71	3.29
CM 7/17/02-4.1	selvage-A	5a	52.52	0.31	28.87	0.03	1.58	-0.01	3.43	-0.03	0.63	10.07	97.40	3.40
CM 7/17/02-4.1	selvage-A	6	49.47	0.57	31.51	1.55	0.02	0.04	2.42	0.00	0.84	10.13	96.55	3.24
CM 7/17/02-4.1	selvage-A	7a	51.21	0.37	28.86	0.03	1.47	-0.01	3.38	-0.03	0.75	9.86	95.89	3.37
CM 7/17/02-4.1	selvage-A	8	48.62	0.17	31.82	0.01	1.81	0.00	2.09	1.09	0.49	10.75	96.84	3.20
CM 7/17/02-4.1	selvage-A	10	53.26	0.35	29.05	0.02	1.45	-0.01	3.40	-0.05	0.68	9.92	98.07	3.41
CM 7/17/02-4.1	selvage-A	12b	49.52	0.39	28.27	0.01	1.45	0.00	3.48	-0.01	0.71	9.82	93.64	3.34
CM 7/17/02-4.1	selvage-A	13b	47.46	0.20	33.63	0.03	1.64	-0.01	1.57	-0.04	0.61	10.77	95.86	3.15
CM 7/17/02-4.1	selvage-A	15	49.98	0.69	31.51	1.53	-0.01	0.05	2.45	-0.03	0.89	10.05	97.11	3.25
CM 7/17/02-4.1	selvage-A	16b	51.46	0.41	29.46	0.02	1.55	0.03	3.16	-0.03	0.68	9.99	96.72	3.36
CM 7/17/02-4.1	selvage-A	17	51.24	0.37	27.60	0.02	1.43	0.01	3.73	-0.01	0.64	9.92	94.94	3.41
CM 7/17/02-4.1	selvage-A	18	50.46	0.39	28.86	0.03	1.47	0.01	3.35	-0.03	0.77	9.71	95.02	3.35
CM 7/17/02-4.1	selvage-A	19	46.72	0.18	34.40	0.02	1.28	0.01	0.84	-0.02	0.65	10.89	94.97	3.13
CM 7/17/02-4.1	selvage-A	20	51.83	0.30	27.80	0.04	1.50	-0.01	3.63	0.01	0.57	10.03	95.70	3.42
CM 7/17/02-4.1	selvage-A	21	51.11	0.40	28.63	0.02	1.50	0.02	3.58	-0.03	0.61	10.00	95.85	3.37
CM 7/17/02-4.1	selvage-A	22	47.85	0.22	34.22	0.02	1.08	0.01	1.48	0.00	0.78	10.55	96.20	3.15
CM 7/17/02-4.1	selvage-A	23	49.08	0.36	30.77	0.02	1.46	0.00	2.58	-0.04	0.72	10.46	95.40	3.26
CM 7/17/02-4.1	selvage-A	24	50.35	0.55	30.54	0.03	1.37	-0.01	2.97	0.01	0.76	10.31	96.88	3.29
CM 7/17/02-4.1	selvage-A	25	50.30	0.49	29.80	0.02	1.51	-0.02	3.01	0.01	0.71	10.20	96.04	3.31
CM 7/17/02-4.1	selvage-A	26	48.57	0.63	30.23	0.03	1.38	0.01	2.62	-0.05	0.91	9.93	94.25	3.26
CM 7/17/02-4.1	selvage-A	27	49.82	0.52	29.18	0.03	1.40	0.02	3.07	-0.01	0.65	10.27	94.95	3.32
CM 7/17/02-4.1	selvage-A	28	50.95	0.50	28.28	0.05	1.62	0.02	3.16	-0.03	0.43	10.41	95.39	3.38
CM 7/17/02-4.1	selvage-A	29	51.43	0.40	30.06	0.05	1.50	0.04	3.51	-0.04	0.77	9.84	97.56	3.33
CM 7/17/02-4.1	selvage-A	30	51.07	0.40	27.92	0.01	1.38	-0.03	3.51	-0.01	0.59	9.98	94.81	3.40
CM 7/17/02-4.1	selvage-A	31	47.58	0.16	33.04	0.02	1.79	0.03	1.78	-0.02	0.56	11.00	95.93	3.16
CM 7/17/02-4.1	selvage-A	32	50.57	0.40	28.29	0.03	1.45	-0.01	3.33	0.00	0.69	9.92	94.66	3.37
CM 7/17/02-4.1	selvage-A	33	51.23	0.41	28.98	0.63	0.03	0.01	3.37	-0.03	0.75	9.91	95.29	3.38
CM 7/17/02-4.1	selvage-A	34	51.10	0.40	29.18	0.02	1.42	0.02	3.26	-0.01	0.68	10.22	96.29	3.35
CM 7/17/02-4.1	selvage-A	35	46.79	0.17	36.25	0.01	0.82	0.01	0.64	-0.01	0.99	10.33	95.99	3.08
CM 7/17/02-4.1	selvage-A	36	47.78	0.20	34.83	0.03	1.32	0.02	1.34	0.01	0.72	10.65	96.90	3.13
CM 7/17/02-4.1	selvage-A	37	48.87	0.67	31.98	0.04	1.27	0.03	2.20	-0.03	0.87	9.92	95.82	3.22
CM 7/17/02-4.1	selvage-A	38	47.75	0.22	33.87	0.02	1.35	0.01	1.49	-0.01	0.74	10.57	96.01	3.15
CM 7/17/02-4.1	selvage-A	39	46.83	0.15	36.47	0.02	0.87	0.01	0.73	0.02	1.00	10.38	96.48	3.07
CM 7/17/02-4.1	selvage-A	40	45.58	0.15	37.04	0.02	0.77	0.00	0.68	0.82	0.93	9.74	95.74	3.01

CM 7/17/02-4.1	selvage-A	41	46.87	0.20	34.73	0.01	1.25	0.01	1.08	-0.01	0.77	10.65	95.57	3.11
CM 7/17/02-4.1	selvage-A	42	50.22	0.50	29.04	0.03	1.41	-0.01	3.18	-0.01	0.76	10.03	95.14	3.34

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-4.2	selvage-A	1	50.20	0.48	30.86	0.01	1.47	0.01	3.33	-0.06	0.59	9.66	96.54	3.28
CM 7/17/02-4.2	selvage-A	2	45.61	0.92	26.76	7.15	0.01	0.03	5.71	-0.02	0.57	8.84	95.58	3.11
CM 7/17/02-4.2	selvage-A	4	50.63	0.41	29.93	0.03	1.41	-0.02	3.71	-0.07	0.59	9.26	95.88	3.32
CM 7/17/02-4.2	selvage-A	5	50.76	0.45	30.32	0.02	1.50	0.01	3.48	-0.07	0.38	9.50	96.35	3.31
CM 7/17/02-4.2	selvage-A	6	48.91	0.26	35.17	0.02	1.09	0.01	1.60	0.10	0.43	9.07	96.66	3.16
CM 7/17/02-4.2	selvage-A	7	46.98	0.19	36.38	0.02	1.11	-0.01	1.08	-0.06	0.77	10.01	96.47	3.07
CM 7/17/02-4.2	selvage-A	8	49.81	0.53	31.31	0.03	1.50	0.01	3.20	-0.05	0.84	9.25	96.43	3.25
CM 7/17/02-4.2	selvage-A	9	51.46	0.37	29.48	0.01	1.38	0.02	3.75	-0.06	0.62	9.63	96.65	3.35
CM 7/17/02-4.2	selvage-A	10	47.13	0.12	37.07	0.02	0.96	0.03	0.78	-0.03	0.85	9.86	96.79	3.07
CM 7/17/02-4.2	selvage-A	11	50.26	0.37	28.48	0.03	1.48	0.00	3.54	-0.03	0.68	9.78	94.60	3.35
CM 7/17/02-4.2	selvage-A	12	45.09	0.39	29.28	0.03	5.57	0.03	4.01	-0.04	0.56	10.39	95.29	3.16
CM 7/17/02-4.2	selvage-A	13	50.79	0.38	28.34	0.04	1.41	0.01	3.45	-0.03	0.69	10.04	95.12	3.37
CM 7/17/02-4.2	selvage-A	14	47.09	0.16	35.44	0.02	1.07	0.00	0.87	0.00	0.86	10.68	96.18	3.10
CM 7/17/02-4.2	selvage-A	15	49.90	0.48	30.58	0.01	1.39	0.00	2.52	-0.01	0.82	10.36	96.05	3.29
CM 7/17/02-4.2	selvage-A	16	45.42	0.14	36.06	0.01	0.86	-0.02	0.75	-0.02	0.93	10.44	94.55	3.04
CM 7/17/02-4.2	selvage-A	17	51.19	0.46	28.81	0.02	1.43	0.01	3.30	-0.02	0.79	10.03	96.01	3.37

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO₂	TiO₂	Al₂O₃	Cr₂O₃	FeO	MnO	MgO	CaO	Na₂O	K₂O	TOTAL	Si p.f.u
CM 7/17/02-6	selvage-A	1b	49.24	0.37	27.49	0.03	1.57	0.01	3.44	-0.05	0.59	9.54	92.22	3.37
CM 7/17/02-6	selvage-A	2b	48.08	0.43	27.93	0.03	1.43	0.00	3.30	0.00	0.73	9.78	91.70	3.32
CM 7/17/02-6	selvage-A	3a	52.18	0.42	29.04	0.02	1.52	-0.01	3.48	-0.05	0.69	9.69	96.97	3.38
CM 7/17/02-6	selvage-A	4b	49.93	0.52	29.68	0.02	1.60	0.00	2.83	-0.02	0.68	10.08	95.33	3.31
CM 7/17/02-6	selvage-A	5a	48.86	0.38	27.10	0.03	1.41	0.00	3.61	-0.05	0.62	9.76	91.71	3.37
CM 7/17/02-6	selvage-A	5c	48.02	0.46	28.42	0.02	1.52	0.00	2.89	-0.01	0.64	10.10	92.06	3.31
CM 7/17/02-6	selvage-A	6a	47.63	0.40	27.22	0.02	1.46	-0.01	3.45	-0.02	0.72	9.63	90.49	3.33
CM 7/17/02-6	selvage-A	7a	47.87	0.37	27.23	0.00	1.42	-0.01	3.45	-0.04	0.76	9.84	90.89	3.34
CM 7/17/02-6	selvage-A	9	48.22	0.46	28.79	0.02	1.51	0.00	2.84	-0.02	0.60	10.13	92.56	3.30
CM 7/17/02-6	selvage-A	11a	48.33	0.38	27.80	0.00	1.41	0.02	3.25	-0.03	0.70	9.72	91.59	3.34
CM 7/17/02-6	selvage-A	12	47.88	0.39	27.95	0.04	1.88	0.02	3.01	-0.02	0.46	10.48	92.07	3.31
CM 7/17/02-6	selvage-A	14	51.32	0.40	28.86	0.00	1.70	0.00	3.23	-0.04	0.66	9.85	95.98	3.37
CM 7/17/02-6	selvage-A	18	49.97	0.65	31.21	0.03	1.34	0.02	2.92	-0.03	1.01	9.91	97.02	3.26
CM 7/17/02-6	selvage-A	19	50.99	0.41	28.85	0.03	1.42	0.01	3.39	-0.04	0.69	10.02	95.77	3.36
CM 7/17/02-6	selvage-A	20	50.86	0.42	28.92	0.02	1.52	0.03	3.26	-0.02	0.54	10.46	95.99	3.35
CM 7/17/02-6	selvage-A	21	50.34	0.50	29.56	0.03	1.60	0.00	3.08	0.00	0.82	9.85	95.78	3.32

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-7.1	selvage-A	1	50.25	0.39	28.23	0.02	1.58	0.02	3.32	-0.02	0.63	9.94	94.36	3.37
CM 7/17/02-7.1	selvage-A	2	50.52	0.40	28.60	0.02	1.46	-0.01	3.33	-0.01	0.69	9.90	94.90	3.36
CM 7/17/02-7.1	selvage-A	4	50.88	0.39	28.31	0.02	1.48	-0.01	3.45	-0.01	0.76	9.86	95.14	3.38
CM 7/17/02-7.1	selvage-A	5	50.20	0.56	31.10	1.49	0.01	0.04	3.01	-0.01	0.74	10.17	97.30	3.26
CM 7/17/02-7.1	selvage-A	6	49.67	0.65	31.62	0.02	1.51	0.02	2.53	0.00	0.96	10.03	97.01	3.24
CM 7/17/02-7.1	selvage-A	7	50.35	0.43	28.73	0.03	1.52	0.02	3.17	-0.02	0.60	10.30	95.14	3.35
CM 7/17/02-7.1	selvage-A	7e	50.31	0.34	29.93	0.04	1.46	-0.04	3.69	-0.10	0.53	9.38	95.54	3.31
CM 7/17/02-7.1	selvage-A	9	51.26	0.39	29.28	0.03	1.40	0.06	3.85	-0.02	0.53	9.52	96.29	3.35
CM 7/17/02-7.1	selvage-A	10	49.93	0.53	30.60	0.02	1.41	0.01	3.35	-0.09	0.42	9.91	96.09	3.28
CM 7/17/02-7.1	selvage-A	12	48.99	0.56	31.53	0.02	1.41	-0.01	3.05	-0.02	0.67	9.57	95.76	3.23
CM 7/17/02-7.1	selvage-A	13	50.84	0.40	29.93	1.46	-0.01	0.02	3.65	-0.01	0.63	9.23	96.14	3.32
CM 7/17/02-7.1	selvage-A	14	51.60	0.42	30.21	0.03	1.48	-0.02	3.58	-0.03	0.50	9.34	97.10	3.33
CM 7/17/02-7.1	selvage-A	15	50.12	0.56	30.72	0.05	1.55	-0.02	3.22	-0.03	0.65	9.48	96.31	3.28
CM 7/17/02-7.1	selvage-A	16	49.61	0.64	31.46	0.03	1.28	-0.03	3.02	0.10	0.62	9.59	96.31	3.25
CM 7/17/02-7.1	selvage-A	17	50.98	0.38	29.85	0.04	1.47	0.01	3.67	-0.05	0.53	9.45	96.32	3.33
CM 7/17/02-7.1	selvage-A	18	49.94	0.50	30.51	0.04	1.51	0.00	3.35	-0.09	0.61	9.56	95.93	3.24
CM 7/17/02-7.1	selvage-A	19	49.44	0.39	29.90	0.02	1.52	-0.01	3.71	-0.05	0.61	9.24	94.76	3.29

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	TOTAL	Si p.f.u
CM 7/17/02-7.2	selvage-A	1	50.43	0.37	28.60	0.01	1.53	0.01	3.42	-0.02	0.69	10.05	95.10	3.35
CM 7/17/02-7.2	selvage-A	2	49.41	0.42	28.95	0.04	1.55	0.01	3.23	-0.01	0.62	10.16	94.38	3.32
CM 7/17/02-7.2	selvage-A	3	49.23	0.38	29.72	0.01	1.38	0.03	3.02	0.04	0.94	9.69	94.46	3.29
CM 7/17/02-7.2	selvage-A	4	49.15	0.31	28.92	-0.01	1.37	-0.01	3.16	-0.04	0.77	9.99	93.61	3.32
CM 7/17/02-7.2	selvage-A	5	50.05	0.59	30.62	0.03	1.29	0.01	2.60	0.00	1.25	9.63	96.06	3.29
CM 7/17/02-7.2	selvage-A	6	50.07	0.54	29.83	0.02	1.47	0.00	3.05	-0.01	0.85	9.78	95.60	3.31
CM 7/17/02-7.2	selvage-A	7	50.10	0.43	28.67	0.04	1.38	0.03	3.27	0.01	0.83	9.80	94.55	3.35
CM 7/17/02-7.2	selvage-A	8	50.82	0.41	28.34	0.06	1.54	-0.01	3.49	0.00	0.63	9.99	95.28	3.37
CM 7/17/02-7.2	selvage-A	10	50.12	0.42	28.46	0.03	1.55	0.00	3.36	0.00	0.55	10.34	94.83	3.35
CM 7/17/02-7.2	selvage-A	11	50.38	0.43	28.72	0.03	1.62	-0.01	3.31	0.00	0.79	10.18	95.46	3.34
CM 7/17/02-7.2	selvage-A	12	48.78	0.52	26.20	0.04	3.91	0.02	5.13	2.14	1.32	7.59	95.65	3.27
CM 7/17/02-7.2	selvage-A	13	50.57	0.56	29.75	0.02	1.60	0.01	2.93	-0.02	0.84	10.09	96.34	3.32
CM 7/17/02-7.2	selvage-A	14	51.24	0.38	28.73	0.03	1.49	-0.01	3.47	-0.02	0.75	9.91	95.96	3.37
CM 7/17/02-7.2	selvage-A	15	50.25	0.56	29.65	0.03	1.37	0.00	2.90	-0.04	0.88	10.08	95.68	3.32
CM 7/17/02-7.2	selvage-A	16	50.16	0.50	29.47	0.03	1.50	-0.02	3.06	0.02	0.93	9.96	95.61	3.32

Table DR1 cont'd. White Mica Major Element Geochemistry for traverse samples

Sample ID	Description	analysis	SiO₂	TiO₂	Al₂O₃	Cr₂O₃	FeO	MnO	MgO	CaO	Na₂O	K₂O	TOTAL	Si p.f.u
CM 7/17/02-11	selvage-B	1	46.56	0.05	36.50	0.00	1.39	-0.01	0.22	-0.01	0.87	9.28	94.86	3.09
CM 7/17/02-11	selvage-B	2	47.09	0.11	35.50	-0.01	1.59	0.01	0.66	0.00	1.28	8.29	94.51	3.12
CM 7/17/02-11	selvage-B	3	46.80	0.03	40.53	0.00	0.35	0.01	0.02	0.19	4.54	1.81	94.26	3.00
CM 7/17/02-11	selvage-B	5	47.63	0.11	34.72	0.00	1.74	-0.02	0.86	-0.01	0.98	8.51	94.52	3.16
CM 7/17/02-11	selvage-B	6	46.38	0.07	35.94	-0.01	1.43	0.02	0.40	-0.04	0.92	9.02	94.13	3.10
CM 7/17/02-11	selvage-B	8	47.50	0.15	35.03	-0.01	1.59	0.01	0.72	0.01	1.13	7.80	93.91	3.16
CM 7/17/02-11	selvage-B	9	46.27	0.05	36.32	0.00	1.44	-0.01	0.21	0.00	0.77	8.88	93.93	3.09
CM 7/17/02-11	selvage-B	10	46.73	0.05	36.68	-0.01	1.41	0.03	0.28	-0.03	0.86	8.85	94.88	3.09
CM 7/17/02-11	selvage-B	11a	46.43	0.03	40.48	0.01	0.32	-0.02	0.04	0.17	4.68	1.46	93.58	3.00
CM 7/17/02-11	selvage-B	11b	46.45	0.11	36.12	-0.01	1.23	-0.03	0.48	-0.02	1.01	9.19	94.54	3.09
CM 7/17/02-11	selvage-B	12	46.08	0.13	34.98	0.00	1.61	0.01	0.73	-0.02	1.07	8.38	92.98	3.11
CM 7/17/02-11	selvage-B	13a	46.36	0.02	40.59	0.00	0.28	-0.01	0.05	0.18	4.70	1.36	93.52	2.99
CM 7/17/02-11	selvage-B	13b	46.65	0.06	36.46	0.00	1.48	0.00	0.26	-0.03	1.03	9.14	95.04	3.09
CM 7/17/02-11	selvage-B	14	46.34	0.06	35.90	0.00	1.46	0.03	0.18	-0.05	0.69	9.57	94.18	3.10
CM 7/17/02-11	selvage-B	15	47.21	0.11	36.35	0.00	1.31	0.00	0.61	-0.03	1.37	8.16	95.09	3.10
CM 7/17/02-11	selvage-B	16	46.24	0.03	40.32	0.00	0.35	0.06	0.04	0.25	4.97	1.48	93.74	2.99
CM 7/17/02-11	selvage-B	17	46.78	0.06	36.32	-0.01	1.81	-0.02	0.23	-0.01	0.69	9.09	94.93	3.10
CM 7/17/02-11	selvage-B	18a	47.47	0.12	35.77	0.01	1.63	0.02	0.66	0.00	1.14	8.56	95.38	3.12
CM 7/17/02-11	selvage-B	18b	46.43	0.05	40.32	-0.01	0.38	-0.02	0.05	0.16	5.25	1.72	94.32	2.99
CM 7/17/02-11	selvage-B	19	46.39	0.05	36.30	-0.02	1.34	0.03	0.23	-0.01	1.09	9.09	94.48	3.09
CM 7/17/02-11	selvage-B	20	46.51	0.05	36.32	-0.02	1.36	0.02	0.31	-0.04	0.84	9.54	94.88	3.09
CM 7/17/02-11	selvage-B	21	47.00	0.10	36.80	-0.01	1.24	0.01	0.48	0.00	1.48	7.74	94.83	3.09
CM 7/17/02-11	selvage-B	22	46.62	0.06	36.90	0.00	1.31	0.00	0.23	-0.03	1.25	8.42	94.76	3.08
CM 7/17/02-11	selvage-B	23	46.55	0.05	35.31	0.01	1.72	0.02	0.36	0.00	0.56	8.63	93.20	3.13
CM 7/17/02-11	selvage-B	24a	46.25	0.03	40.68	0.00	0.28	0.00	0.03	0.18	4.48	1.72	93.64	2.99
CM 7/17/02-11	selvage-B	24b	46.33	0.04	36.65	-0.01	1.28	0.00	0.30	-0.01	1.18	8.50	94.25	3.08
CM 7/17/02-11	selvage-B	25	47.20	0.11	35.62	0.01	1.58	0.04	0.61	-0.01	1.09	8.20	94.45	3.13
CM 7/17/02-11	selvage-B	26b	46.78	0.08	36.50	0.01	1.50	-0.03	0.45	-0.01	1.13	8.35	94.75	3.09

Table DR2. White Mica Trace Element Geochemistry for traverse samples
Values reported as parts per million (ppm)

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-1	gneiss	1	91	18	2717	2616	1623	710	14205	873	80	13	88
CM 7/17/02-1	gneiss	2	88	21	2607	3589	2020	724	20510	1025	21	13	35
CM 7/17/02-1	gneiss	3	56	14	2587	2637	1422	487	15797	980	37	12	56
CM 7/17/02-1	gneiss	4	52	20	2321	2848	1539	567	14817	929	57	13	71
CM 7/17/02-1	gneiss	5	71	24	2810	3030	1540	523	13525	881	54	12	60
CM 7/17/02-1	gneiss	6	84	20	2934	2906	1520	603	14981	854	48	12	59
CM 7/17/02-1	gneiss	7	95	28	3592	3593	2066	757	19290	984	20	14	27
CM 7/17/02-1	gneiss	9	92	28	3187	3132	1571	584	15236	891	32	11	45
CM 7/17/02-1	gneiss	10	113	19	2531	3141	1989	676	17653	923	39	15	69
CM 7/17/02-1	gneiss	12	118	19	3205	3347	2052	638	19950	965	21	14	30
CM 7/17/02-1	gneiss	13	87	22	2863	3024	1481	566	16260	930	54	14	62
CM 7/17/02-1	gneiss	14	105	21	2796	3407	1892	582	18981	975	24	11	37
CM 7/17/02-1	gneiss	15	120	24	2819	3281	1883	602	18562	938	25	11	38
CM 7/17/02-1	gneiss	16	119	30	3111	3919	1971	801	20570	1027	20	15	36
CM 7/17/02-1	gneiss	17	117	17	3792	3788	2720	660	19791	995	20	14	33
CM 7/17/02-1	gneiss	18	102	23	2645	2962	1624	634	16594	849	53	12	75
CM 7/17/02-1	gneiss	19	69	19	3066	2939	1587	472	14469	900	34	10	47
CM 7/17/02-1	gneiss	21	70	28	2839	3231	1698	650	14527	892	34	11	54
CM 7/17/02-1	gneiss	22	100	20	2622	3047	1684	614	14840	924	72	14	100
CM 7/17/02-1	gneiss	23	125	23	3030	3476	2055	696	19932	983	22	12	35
CM 7/17/02-1	gneiss	24	92	23	2894	3262	1667	582	17770	915	27	10	39
CM 7/17/02-1	gneiss	25	120	16	2768	3356	2223	681	19156	979	26	12	38
CM 7/17/02-1	gneiss	26	95	19	2728	2673	1418	565	14907	833	85	11	99
CM 7/17/02-1	gneiss	27	106	16	2431	2726	1536	640	15370	873	85	13	79
CM 7/17/02-1	gneiss	28	98	18	3028	2825	1579	587	15989	891	36	11	50
CM 7/17/02-1	gneiss	29	108	27	2832	3106	1650	640	19334	911	24	11	34
CM 7/17/02-1	gneiss	30	94	15	2205	3149	1818	430	16037	848	114	13	70
CM 7/17/02-1	gneiss	34	96	26	2815	2839	1397	604	15895	886	48	14	55
CM 7/17/02-1	gneiss	38	34	11	1490	2342	1385	604	13998	864	80	15	97

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-2	gneiss	2	15	10	2886	3615	18825	1087	20964	1082	7	24	15
CM 7/17/02-2	gneiss	3	87	20	1829	3432	2410	1078	21270	1446	5	28	13
CM 7/17/02-2	gneiss	4	91	25	3266	3624	2619	984	22616	1355	4	36	11
CM 7/17/02-2	gneiss	5	87	21	3665	3290	2635	1030	19666	1094	4	28	12
CM 7/17/02-2	gneiss	32	51	19	3558	3476	2472	1032	19766	1283	5	31	13
CM 7/17/02-2	gneiss	32d	114	21	1788	3290	2433	986	21075	1326	4	24	9
CM 7/17/02-2	gneiss	32c	89	23	3834	3785	2644	979	20446	1245	4	32	10
CM 7/17/02-2	gneiss	6	46	25	3865	3365	1932	843	15648	1103	5	28	10
CM 7/17/02-2	gneiss	9	82	24	1810	3654	2644	1070	20777	1398	3	27	8
CM 7/17/02-2	gneiss	10b	79	19	1899	3731	2745	961	19588	1426	4	27	14
CM 7/17/02-2	gneiss	10	90	20	1853	3602	2483	940	20138	1366	4	24	9
CM 7/17/02-2	gneiss	13b	53	19	3700	3436	2468	745	18527	1162	5	30	10

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-4.1	selvage-A	1	287	3	120	3130	23151	2309	14692	439	131	54	1230
CM 7/17/02-4.1	selvage-A	7a	399	8	162	3448	24005	2480	14914	430	161	50	1243
CM 7/17/02-4.1	selvage-A	8	159	7	56	1734	12822	733	16150	523	31	20	847
CM 7/17/02-4.1	selvage-A	10	229	2	133	3181	22946	2392	14985	431	204	50	1263
CM 7/17/02-4.1	selvage-A	17	581	5	165	3880	25418	3027	18389	504	173	60	1423
CM 7/17/02-4.1	selvage-A	22a	146	2	60	1250	6461	1025	9582	359	83	8	2324
CM 7/17/02-4.1	selvage-A	22b	134	5	59	1461	7488	855	11236	500	78	14	1881
CM 7/17/02-4.1	selvage-A	27	207	9	51	1713	10272	1128	16458	560	38	19	1230
CM 7/17/02-4.1	selvage-A	29	513	8	232	4247	28648	3105	18142	503	222	59	1481
CM 7/17/02-4.1	selvage-A	30	270	3	145	3069	24296	2246	13538	422	202	48	1219
CM 7/17/02-4.1	selvage-A	31	101	3	61	1495	9912	1379	13362	543	42	18	1192
CM 7/17/02-4.1	selvage-A	35	67	2	31	943	4393	1233	7890	266	123	5	2467
CM 7/17/02-4.1	selvage-A	36	129	5	59	1309	7541	1492	10510	426	82	13	2062
CM 7/17/02-4.1	selvage-A	38	256	10	84	1997	9076	1023	14164	534	75	12	2557
CM 7/17/02-4.1	selvage-A	39	150	4	68	1469	7888	1124	13305	439	85	11	2214
CM 7/17/02-4.1	selvage-A	40	90	3	53	1236	6463	1317	9886	381	126	10	1956
CM 7/17/02-4.1	selvage-A	41	253	39	98	1477	4656	1468	12044	393	268	9	2639
CM 7/17/02-4.1	selvage-A	42	501	7	155	3429	22111	4503	17493	486	203	47	1589
CM 7/17/02-4.1	selvage-A	unk1	210	7	39	1859	11836	1528	15385	517	35	19	1402
CM 7/17/02-4.1	selvage-A	unk2	86	2	51	1058	4794	1347	8699	281	139	5	2388
CM 7/17/02-4.1	selvage-A	unk3	110	14	52	937	3514	823	7197	339	177	8	2657
CM 7/17/02-4.1	selvage-A	unk8	163	33	55	888	3129	777	6578	206	251	4	883
CM 7/17/02-4.1	selvage-A	unk9	318	8	158	3263	26070	2313	13089	411	213	47	1188
CM 7/17/02-4.1	selvage-A	unk10	320	8	125	3310	21695	2337	10309	443	149	53	1264
CM 7/17/02-4.1	selvage-A	unk11	86	2	50	934	3440	860	6233	232	172	3	2569

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-4.2	selvage-A	1	489	7	233	2823	24883	3254	15574	357	151	40	1220
CM 7/17/02-4.2	selvage-A	4	278	4	150	3009	24141	2132	13111	389	217	43	1129
CM 7/17/02-4.2	selvage-A	7	90	4	48	1018	4425	738	7567	334	132	8	2640
CM 7/17/02-4.2	selvage-A	8	266	4	96	3013	26699	1939	14362	466	131	57	1195
CM 7/17/02-4.2	selvage-A	9	566	6	258	4701	29418	3496	21107	581	289	62	1823
CM 7/17/02-4.2	selvage-A	10	269	46	84	1318	3632	1371	9227	327	293	5	3705
CM 7/17/02-4.2	selvage-A	11	284	5	104	3212	26670	2104	16513	475	129	56	1237
CM 7/17/02-4.2	selvage-A	12	85	1	29	1097	5720	901	9535	317	84	7	2573
CM 7/17/02-4.2	selvage-A	13	517	5	216	3927	27548	3364	19890	507	282	58	1490
CM 7/17/02-4.2	selvage-A	14	232	10	95	2148	10551	1483	14252	573	79	13	2537
CM 7/17/02-4.2	selvage-A	15	691	10	279	4829	32696	3615	20209	593	277	67	1674
CM 7/17/02-4.2	selvage-A	16	349	126	123	1528	5541	1512	14111	479	289	13	2778
CM 7/17/02-4.2	selvage-A	17	536	10	282	4630	32070	3369	19284	537	316	61	1544
CM 7/17/02-4.2	selvage-A	unk1	43	4	28	637	3126	633	6079	210	131	4	2312
CM 7/17/02-4.2	selvage-A	unk3	101	17	29	798	3097	619	6688	216	110	3	4176
CM 7/17/02-4.2	selvage-A	unk4	56	7	34	676	2776	711	5426	173	117	2	2771
CM 7/17/02-4.2	selvage-A	unk5	205	9	99	1653	6369	1820	14114	501	136	13	3451
CM 7/17/02-4.2	selvage-A	unk8	341	4	126	3380	29200	3074	15199	455	143	50	1278
CM 7/17/02-4.2	selvage-A	unk10	211	3	74	2474	20411	3530	13409	474	165	55	1254
CM 7/17/02-4.2	selvage-A	unk9	157	2	25	1311	28177	1962	49871	171	55	6	1199

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-6	selvage-A	1	296	4	127	3062	25525	2278	13698	410	146	47	1157
CM 7/17/02-6	selvage-A	6	302	3	166	3461	28469	2416	17327	484	156	50	1303
CM 7/17/02-6	selvage-A	9	246	2	94	2888	23151	2976	14671	449	135	52	1198
CM 7/17/02-6	selvage-A	11a	294	3	140	3172	26267	2409	15918	444	176	53	1201
CM 7/17/02-6	selvage-A	14	264	3	112	2902	23971	2328	13586	446	125	54	1184
CM 7/17/02-6	selvage-A	18	240	4	97	2913	25603	1846	13524	420	132	50	1165
CM 7/17/02-6	selvage-A	19	299	3	140	3317	25989	2210	14999	439	202	50	1262
CM 7/17/02-6	selvage-A	unk1	266	3	133	3009	25600	2184	16969	432	211	48	1234
CM 7/17/02-6	selvage-A	unk2	535	6	275	4856	31993	2801	23028	584	307	60	1842
CM 7/17/02-6	selvage-A	unk3	593	8	198	4687	35554	3097	21852	645	179	78	1682

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-7	selvage-A	1a	133	6	116	2790	24178	2067	13138	353	168	38	936
CM 7/17/02-7	selvage-A	3a	327	6	106	2540	17307	2970	14020	369	187	10	1575
CM 7/17/02-7	selvage-A	3b	590	8	173	3906	28200	3712	18347	545	247	61	1242
CM 7/17/02-7	selvage-A	4	391	10	182	3697	29050	2272	17890	525	161	59	1076
CM 7/17/02-7	selvage-A	7a	686	9	197	4251	26842	5950	20556	651	252	63	1425
CM 7/17/02-7	selvage-A	10	223	5	132	3257	26096	2429	13248	502	199	53	998
CM 7/17/02-7	selvage-A	12	604	8	169	3459	22648	4677	17234	533	188	57	1138
CM 7/17/02-7	selvage-A	unk2	557	8	227	4277	29533	3497	19220	612	213	71	1392
CM 7/17/02-7	selvage-A	unk3	579	14	290	7931	37671	3564	23188	702	241	88	1899
CM 7/17/02-7	selvage-A	unk4	648	7	321	4634	28535	3799	20519	689	224	72	1418

Table DR2 cont'd. White Mica Trace Element Geochemistry for traverse samples

Sample ID	Description	analysis	Li	Be	B	F	Mg	Ti	Fe	Rb	Sr	Cs	Ba
CM 7/17/02-11	selvage-B	1	67	29	1566	2136	1573	319	8308	698	306	11	205
CM 7/17/02-11	selvage-B	2	119	11	670	3338	4186	692	9597	524	260	15	483
CM 7/17/02-11	selvage-B	3	211	43	700	1801	231	161	1769	8	1075	0	35
CM 7/17/02-11	selvage-B	5	134	12	607	3764	5104	656	9763	585	187	21	430
CM 7/17/02-11	selvage-B	6	83	23	1556	2437	2197	335	8997	829	281	14	193
CM 7/17/02-11	selvage-B	9	89	15	1547	2536	2570	402	7617	747	319	13	206
CM 7/17/02-11	selvage-B	10	60	30	1511	2088	1459	323	9446	879	240	16	188
CM 7/17/02-11	selvage-B	11a	243	44	848	1731	431	213	1754	35	1127	0	71
CM 7/17/02-11	selvage-B	11b	93	19	452	2261	2388	569	6856	393	316	6	372
CM 7/17/02-11	selvage-B	12	124	11	424	3166	3966	769	10044	538	0	16	608
CM 7/17/02-11	selvage-B	13a	195	43	708	1703	313	174	1723	16	45	0	47
CM 7/17/02-11	selvage-B	13b	63	24	1451	2185	1805	305	7582	625	45	10	258
CM 7/17/02-11	selvage-B	14	33	26	1419	2118	1178	319	8022	902	47	16	194
CM 7/17/02-11	selvage-B	15	106	13	589	3163	3781	644	8656	538	45	16	452
CM 7/17/02-11	selvage-B	16	208	42	869	1717	360	182	1858	27	42	0	70
CM 7/17/02-11	selvage-B	17	81	24	1395	2692	2313	331	10211	923	44	19	191
CM 7/17/02-11	selvage-B	18a	84	21	1518	2318	2227	380	8192	714	43	12	225
CM 7/17/02-11	selvage-B	18b	243	46	786	1713	597	222	1730	34	42	1	70
CM 7/17/02-11	selvage-B	19	71	22	1366	2203	1889	345	8144	600	43	12	338
CM 7/17/02-11	selvage-B	20	69	14	1524	2225	2067	328	8654	797	43	13	174
CM 7/17/02-11	selvage-B	21	109	17	449	2459	2905	714	7302	414	42	6	505
CM 7/17/02-11	selvage-B	22	53	28	1392	1851	1279	312	7508	531	42	9	313
CM 7/17/02-11	selvage-B	23	94	16	1566	2494	2865	334	8348	879	43	16	189
CM 7/17/02-11	selvage-B	24a	217	46	915	1677	326	162	1796	22	41	0	58
CM 7/17/02-11	selvage-B	24b	55	26	1353	1917	1393	313	7718	529	43	9	329
CM 7/17/02-11	selvage-B	25	115	14	586	3001	3661	657	8686	543	44	16	464
CM 7/17/02-11	selvage-B	26b	92	16	1278	2262	2683	447	8909	773	42	14	307

Table DR3. White Mica Transect Boron Isotope and Concentrations for Host Gneiss
Values reported as per mille (‰) and parts per million (ppm).

Sample ID	Description	analysis	phase	δ11B	B
CM7/17/02-1	gneiss	2	muscovite	4.15	4403
CM7/17/02-1	gneiss	7	muscovite	6.05	4545
CM7/17/02-1	gneiss	28	muscovite	7.92	3595
CM7/17/02-1	gneiss	26	muscovite	2.52	3350
CM7/17/02-1	gneiss	30	muscovite	-2.34	3564
CM7/17/02-1	gneiss	23	muscovite	5.61	5524
CM7/17/02-1	gneiss	6	muscovite	1.09	4093
CM7/17/02-1	gneiss	17	muscovite	2.85	4721
CM7/17/02-1	gneiss	18	muscovite	1.28	3478
CM7/17/02-1	gneiss	10	muscovite	0.75	3676
CM7/17/02-1	gneiss	42	muscovite	-0.03	3865
CM7/17/02-1	gneiss	3	muscovite	-3.46	4376
CM7/17/02-1	gneiss	19	muscovite	5.15	3607
CM7/17/02-1	gneiss	9	muscovite	-1.89	4084
CM7/17/02-1	gneiss	9.1	muscovite	-2.11	2308
CM7/17/02-1	gneiss	9.2	muscovite	-4.21	3382
CM7/17/02-1	gneiss	9.3	muscovite	-3.69	3354
CM7/17/02-1	gneiss	9.4	muscovite	-4.83	3096
CM7/17/02-1	gneiss	9.5	muscovite	-0.93	3154
CM7/17/02-1	gneiss	34.1	muscovite	-3.00	2819
CM7/17/02-1	gneiss	34.2	muscovite	-3.72	3479
CM7/17/02-1	gneiss	34.3	muscovite	-6.69	3269
CM7/17/02-1	gneiss	34.4	muscovite	-1.38	3385
CM7/17/02-1	gneiss	34.5	muscovite	1.02	3308
CM7/17/02-1	gneiss	34.6	muscovite	0.41	3244
CM7/17/02-1	gneiss	34.7	muscovite	-0.28	3214
CM7/17/02-1	gneiss	34.8	muscovite	0.42	3086
CM7/17/02-1	gneiss	34.9	muscovite	0.21	3116
CM7/17/02-1	gneiss	34.10	muscovite	1.74	3496
CM7/17/02-1	gneiss	34.11	muscovite	-1.39	3136
CM7/17/02-1	gneiss	4.1	muscovite	-5.60	2539
CM7/17/02-1	gneiss	4.2	muscovite	-2.89	3721
CM7/17/02-1	gneiss	4.3	muscovite	-2.07	4250
CM7/17/02-1	gneiss	4.4	muscovite	-3.90	3918

Table DR3 cont'd. White Mica Transect Boron Isotope and Concentrations for Host Gneiss

Sample ID	Description	analysis	phase	$\delta^{11}\text{B}$	B
CM7/17/02-1	gneiss	13.1	muscovite	-2.61	3032
CM7/17/02-1	gneiss	13.2	muscovite	-0.43	3374
CM7/17/02-1	gneiss	13.3	muscovite	-1.96	3407
CM7/17/02-1	gneiss	13.4	muscovite	-1.39	3209
CM7/17/02-1	gneiss	13.5	muscovite	-1.39	3209
CM7/17/02-1	gneiss	13.6	muscovite	1.65	3647
CM7/17/02-1	gneiss	13.7	muscovite	-0.17	3724
CM7/17/02-1	gneiss	13.8	muscovite	-3.68	3737
CM7/17/02-1	gneiss	13.9	muscovite	-6.63	4046
CM7/17/02-1	gneiss	13.10	muscovite	3.90	3772
CM7/17/02-1	gneiss	13.11	muscovite	0.99	3586
CM7/17/02-1	gneiss	13.12	muscovite	2.95	3583
CM7/17/02-1	gneiss	13.13	muscovite	3.04	3466
CM7/17/02-1	gneiss	13.15	muscovite	1.71	3940
CM7/17/02-1	gneiss	13.16	muscovite	2.17	3690
CM7/17/02-1	gneiss	13.17	muscovite	2.08	3664
CM7/17/02-1	gneiss	13.18	muscovite	-6.27	3668
CM7/17/02-1	gneiss	13.19	muscovite	-1.95	3148
CM7/17/02-1	gneiss	3.1	muscovite	-1.91	2795
CM7/17/02-1	gneiss	3.2	muscovite	-3.93	3398
CM7/17/02-1	gneiss	2.2	muscovite	-0.98	3712
CM7/17/02-1	gneiss	3.4	muscovite	-0.15	3103
CM7/17/02-1	gneiss	3.5	muscovite	-3.24	3480
CM7/17/02-1	gneiss	3.6	muscovite	-1.48	3483
CM7/17/02-1	gneiss	3.7	muscovite	-3.18	3453
CM7/17/02-1	gneiss	3.8	muscovite	-10.97	1927
CM7/17/02-1	gneiss	9.2.1	muscovite	-2.47	3521
CM7/17/02-1	gneiss	9.2.2	muscovite	-7.49	2356
CM7/17/02-1	gneiss	9.2.3	muscovite	-1.46	3531
CM7/17/02-1	gneiss	9.2.4	muscovite	3.60	3829