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Title of article Petrology and chemistry of a Columbia River basalt section,
Rocky Canyon, west-central Idaho

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see GSA Bulletin v. 87, p. 215 - 225

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Samples from Rocky Canyon, Idaho

TABLE 5. MAJOR ELEMENT ANALYSES OF BASALT SAMPLES
FROM ROCKY CANYON, IDAHO

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	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	FeO	MnO	CaO	MgO	K ₂ O	Na ₂ O	P ₂ O ₅
GC 20	51.50	15.75	1.37	2.00	8.60	0.17	10.48	6.66	0.72	2.47	0.26
GC 19	53.98	15.20	1.85	2.00	9.40	0.20	8.62	4.89	1.14	2.39	0.34
GC 18	54.05	15.03	2.14	2.00	10.05	0.20	8.36	4.00	1.20	2.55	0.42
GC 17	55.39	14.84	2.25	2.00	10.22	0.16	6.85	3.85	1.71	2.34	0.39
GC 16	54.49	14.91	1.98	2.00	9.87	0.19	7.77	4.49	1.42	2.50	0.38
GC 15	54.45	14.88	2.09	2.00	10.40	0.20	7.54	4.20	1.46	2.38	0.41
GC 14	54.23	14.87	2.19	2.00	10.27	0.20	7.68	4.36	1.37	2.42	0.40
GC 13	54.15	14.36	2.17	2.00	10.59	0.19	7.60	4.21	1.55	2.70	0.41
GC 12	56.30	14.37	2.32	2.00	9.66	0.19	6.81	3.55	1.94	2.47	0.38
GC 11	56.30	14.34	2.21	2.00	9.79	0.17	6.86	3.59	1.97	2.40	0.36
GC 10	54.55	15.34	2.13	2.00	9.74	0.17	7.54	4.40	1.36	2.39	0.35
GC 9	54.95	14.95	2.15	2.00	9.57	0.18	7.61	4.19	1.59	2.45	0.36
GC 8	55.05	15.04	2.03	2.00	9.50	0.18	7.55	4.37	1.56	2.35	0.36
GC 7	53.46	14.83	2.23	2.00	9.85	0.18	8.27	4.81	1.37	2.64	0.36
GC 6	54.69	13.87	2.35	2.00	10.76	0.20	7.48	4.16	1.84	2.21	0.45
GC 5	53.13	14.71	2.22	2.00	10.18	0.18	8.57	5.22	1.23	2.20	0.37
GC 4	53.90	14.42	2.50	2.00	10.28	0.19	7.93	4.67	1.44	2.28	0.39
GC 3	53.75	14.73	2.49	2.00	10.44	0.19	7.89	4.54	1.45	2.13	0.39
GC 2	53.79	14.21	2.41	2.00	11.09	0.20	7.71	4.52	1.38	2.29	0.40
GC 1	52.78	15.17	2.51	2.00	9.68	0.19	8.76	4.80	1.41	2.31	0.38

Analyses by X.R.F. (Philips P.W. 1410), corrected for absorption, to 2.00% Fe₂O₃ and normalized without volatile constituents.

Petrology and chemistry of a

TABLE 6. MAJOR ELEMENT ANALYSES OF BASALT SAMPLES
FROM ROCKY CANYON, IDAHOColumbia River basalt section
etc.

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	SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	FeO	MnO	CaO	MgO	K ₂ O	Na ₂ O	P ₂ O ₅
RC 33	53.80	15.18	1.84	2.00	9.88	0.20	8.38	4.74	1.22	2.43	0.33
RC 32	54.75	14.94	2.24	2.00	9.90	0.20	7.77	4.07	1.55	2.19	0.39
RC 31	54.67	14.20	2.18	2.00	10.83	0.19	7.65	3.82	1.41	2.60	0.45
RC 30	56.40	14.86	2.31	2.00	8.66	0.18	7.37	3.75	1.86	2.23	0.38
RC 29	55.19	14.84	2.07	2.00	9.63	0.20	7.57	4.08	1.64	2.22	0.35
RC 28	54.82	15.10	2.10	2.00	9.52	0.18	7.59	4.30	1.71	2.33	0.35
RC 27	55.11	14.63	2.26	2.00	9.39	0.18	7.76	3.98	1.83	2.49	0.37
RC 26	55.00	15.08	2.25	2.00	9.16	0.19	8.00	3.60	1.55	2.10	0.41
RC 25	53.63	15.04	2.13	2.00	9.94	0.19	8.15	4.73	1.47	2.36	0.36
RC 24	54.05	14.23	2.62	2.00	10.61	0.20	7.55	4.12	1.71	2.48	0.43
RC 23	53.12	15.14	2.17	2.00	10.01	0.17	8.61	4.70	1.20	2.52	0.35
RC 22	53.70	15.43	2.52	2.00	9.33	0.19	8.47	4.20	1.29	2.46	0.42
RC 21	53.65	14.65	2.57	2.00	10.80	0.19	7.63	4.27	1.46	2.37	0.40
RC 20	53.67	14.76	2.53	2.00	10.66	0.19	7.83	4.13	1.57	2.24	0.41
RC 19	53.07	14.78	2.47	2.00	9.95	0.19	8.63	4.84	1.40	2.28	0.38
RC 18	52.90	14.50	2.24	2.00	11.03	0.21	8.32	4.84	1.17	2.30	0.48
RC 17	53.08	14.58	2.18	2.00	11.03	0.21	8.27	4.61	1.26	2.32	0.46
RC 15	53.17	14.76	2.20	2.00	10.64	0.22	8.33	4.67	1.25	2.31	0.46
RC 16	48.80	16.46	2.78	2.00	11.18	0.19	8.75	6.09	0.89	2.47	0.39
RC 14	48.85	16.59	2.73	2.00	11.30	0.19	8.58	6.32	0.81	2.29	0.35
RC 13	49.49	16.97	2.78	2.00	10.67	0.18	8.91	5.32	0.89	2.42	0.37
RC 12	49.29	16.58	2.92	2.00	10.75	0.19	8.99	5.60	0.89	2.40	0.38
RC 11	49.41	17.92	2.41	2.00	9.66	0.17	9.06	5.64	0.81	2.57	0.35
RC 10	49.33	16.93	2.55	2.00	10.55	0.18	8.59	6.20	0.83	2.46	0.38
RC 9	49.77	17.03	2.65	2.00	10.32	0.18	8.48	6.23	0.84	2.15	0.35
RC 8	50.34	15.65	2.87	2.00	11.39	0.20	8.65	5.04	1.03	2.38	0.45
RC 7	50.50	15.88	2.83	2.00	11.04	0.19	8.48	5.08	1.12	2.46	0.43
RC 6	51.68	14.03	3.05	2.00	12.06	0.22	8.45	4.51	1.10	2.43	0.46
RC 5	51.43	13.85	3.24	2.00	12.31	0.22	8.37	4.56	1.08	2.48	0.46
RC 4	51.57	15.44	2.23	2.00	10.75	0.21	9.54	4.95	0.66	2.31	0.35
RC 3	51.41	15.14	2.22	2.00	11.32	0.21	9.33	5.05	0.68	2.28	0.36
RC 2	51.98	14.26	2.43	2.00	11.90	0.22	8.68	4.51	1.08	2.54	0.40
RC 1	51.69	14.40	2.41	2.00	11.78	0.21	8.85	4.55	1.01	2.70	0.40

Analyses by X.R.F. (Philips P.W. 1410), corrected for absorption, to 2.00% Fe₂O₃ and normalized without volatile constituents.