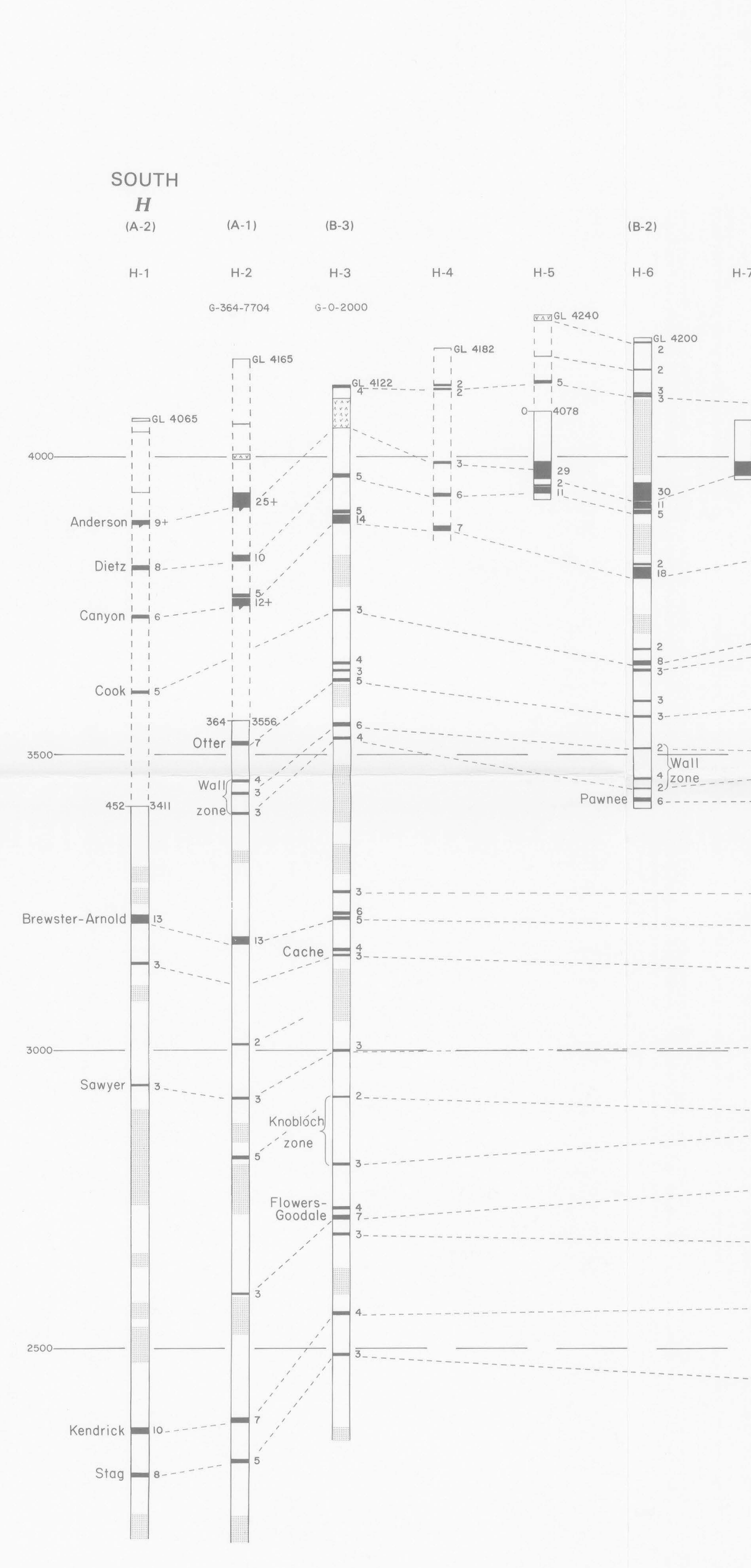


Table 1—Sources of geological logs, measured sections, and other data used in correlating coal beds in the Broadus 30' x 60' quadrangle, Powder River County, Montana-Wyoming

Stratigraphic section No. (Fig. 1)	Source	Drill-hole location Section T. S. R. E.
A-1 (H-2)	Montana Co. 1 GlenFed. Authors: RR, pt. 8, locs. 390, 377, 367, 378, 386	NE14 NW14 20 9 47
A-2 (H-13)	Sumner-McCormick Oil, Inc. 1722 Gov't. Broadus Creek Authors: RR, pt. 6, locs. 387, 388, 378	NE14 NW14 29 9 47
A-3	Sumner-McCormick Oil, Inc. 1722 Gov't. Broadus Creek Authors: RR, pt. 6, locs. 383, 380, 378	NE14 NW14 23 9 47
A-4	San. Hamilton 113 Fed-Bureau of Investigation Authors: N. P. Flores, written	NE14 NW14 18 9 47
A-5	U.S. Bureau of Reclamation dam site near Union Authors: RR, pt. 6, locs. 384, 386	NE14 NW14 17 9 48
A-6	USGS BCR 79-5 Authors: None	NE14 NW14 17 9 48
A-7 (H-1)	USGS BCR 79-5 Authors: None	NE14 NW14 17 9 48
A-8	Lawrence Dig. Assoc. 2422 Gov't. Authors: RR, pt. 6, locs. 898, 899	NE14 NW14 22 9 48
A-9	None	None
A-10	None	None
A-11	None	None
A-12	USGS BCR 79-28 Authors: RR, pt. 6, locs. 859, 860, 862	SW14 NW14 27 9 48
A-13	None	None
A-14	None	None
A-15 (C-16, J-1)	USGS BCR 79-28 Authors: RR, pt. 6, locs. 898, 899	SW14 NW14 28 9 50
A-16	USGS BCR 79-28 Authors: RR, pt. 6, locs. 898, 899	SW14 NW14 28 9 50
A-17	None	None
A-18	None	None
A-19 (H-8)	Chandler & Assoc. 1 Indian Gully Authors: RR, pt. 6, locs. 911, 910	NE14 NW14 17 9 47
A-20 (H-5)	USGS BCR 79-6 Authors: RR, pt. 6, locs. 852, 853	NE14 NW14 23 9 47
A-21 (H-3)	USGS BCR 79-6 Authors: RR, pt. 6, locs. 852, 853	NE14 NW14 23 9 47
A-22 (H-4)	Chandler & Assoc. 1 Thompson-Gov't. Authors: RR, pt. 6, locs. 852, 853	NE14 NW14 35 9 47
A-23	Sumner-McCormick 4325 Gov't. Authors: RR, pt. 6, locs. 951, 950	NE14 NW14 25 9 47
A-24 (H-2)	USGS BCR 80-9 Authors: RR, pt. 6, locs. 951, 950	SW14 NW14 32 9 48
A-25	None	None
A-26 (H-3)	USGS BCR 80-9 Authors: RR, pt. 6, locs. 951, 950	SW14 NW14 32 9 48
A-27 (H-3)	USGS BCR 80-9 Authors: RR, pt. 6, locs. 951, 950	SW14 NW14 32 9 48
A-28 (H-4)	Chandler & Assoc. 1 Dutch Gulch-Gov't. Authors: RR, pt. 6, locs. 952, 951	NE14 NW14 10 9 48
A-29	None	None
A-30	None	None
A-31	None	None
A-32 (H-12)	USGS BCR 79-8 Authors: RR, pt. 6, locs. 426, 425	SW14 NW14 21 9 47
A-33	None	None
A-34	None	None
A-35 (H-7)	USGS BCR 79-12 Authors: RR, pt. 6, locs. 487, 483	SW14 NW14 24 9 48
A-36	None	None
A-37	None	None
A-38 (H-13, J-4)	USGS BCR 79-7 Authors: RR, pt. 6, locs. 867, 866	SW14 NW14 30 9 50
A-39	None	None
A-40 (C-10, D-1, J-7)	USGS BCR 79-11 Authors: RR, pt. 6, locs. 763, 764, 766	NE14 NW14 28 9 49
A-41	None	None
A-42 (C-14)	USGS BCR 79-10 Authors: RR, pt. 6, locs. 738, 739	NE14 NW14 11 9 49
A-43	None	None
A-44	None	None
A-45 (C-15, J-5)	USGS BCR 79-8 Authors: RR, pt. 6, locs. 712, 713	SW14 NW14 25 9 48
A-46	None	None
A-47	None	None
A-48 (H-13, J-4)	USGS BCR 79-7 Authors: RR, pt. 6, locs. 867, 866	SW14 NW14 30 9 50
A-49	None	None
A-50	None	None
A-51 (C-2)	USGS BCR 80-3 Authors: RR, pt. 6, locs. 884, 883	SW14 NW14 7 9 50
A-52	None	None
A-53	None	None
A-54	None	None
A-55 (C-24)	USGS BCR 79-2 Authors: RR, pt. 6, locs. 836, 836	NE14 NW14 20 9 50
A-56	None	None
A-57 (C-24)	USGS BCR 79-2 Authors: RR, pt. 6, locs. 836, 836	NE14 NW14 20 9 50
A-58	None	None
A-59 (C-25)	USGS BCR 79-5 Authors: RR, pt. 6, locs. 852, 853	SW14 NW14 21 9 50
A-60 (A-15, J-1)	USGS BCR 79-28 Authors: RR, pt. 6, locs. 859, 860, 862	SW14 NW14 28 9 48
A-61	None	None
A-62 (C-10, D-1, J-7)	Chandler & Assoc. 1 Traub-Gov't. Authors: RR, pt. 6, locs. 852, 853	NE14 NW14 2 9 49
A-63	None	None
A-64	None	None
A-65	None	None
A-66	None	None
A-67	None	None
A-68	None	None
A-69	None	None
A-70	None	None
A-71	None	None
A-72	None	None
A-73	None	None
A-74	None	None
A-75	None	None
A-76	None	None
A-77	None	None
A-78	None	None
A-79	None	None
A-80	None	None
A-81	None	None
A-82	None	None
A-83	None	None
A-84	None	None
A-85	None	None
A-86	None	None
A-87	None	None
A-88	None	None
A-89	None	None
A-90	None	None
A-91	None	None
A-92	None	None
A-93	None	None
A-94	None	None
A-95	None	None
A-96	None	None
A-97	None	None
A-98	None	None
A-99	None	None
A-100	None	None

Figure 2—Map of northern part of Powder River Basin showing coal fields described in previous publications, 30' x 60' quadrangles, study area (shaded), and structural axis of basin (drawn on base of Tertiary rocks).



Stratigraphic section No. (Fig. 1)	Source	Drill-hole location Section T. S. R. E.
C-6	MMMG SH-7141	NW14 NW14 35 4 47
C-7	Walt Face Co. 18 NPMR Authors: RR, pt. 6, locs. 431, 430	SW14 NW14 29 4 48
C-8	MMMG SH-7142	SW14 NW14 19 4 48
C-9 (H-15)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-10 (H-14)	USGS BCR 79-32 Authors: RR, pt. 6, locs. 440, 440	SW14 NW14 34 4 47
C-11 (H-12)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-12 (H-11)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-13 (H-10)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-14 (H-9)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-15 (H-8)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-16 (H-7)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-17 (H-6)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-18 (H-5)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-19 (H-4)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-20 (H-3)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-21 (H-2)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-22 (H-1)	USGS BCR 79-19 Authors: RR, pt. 6, locs. 22, 22, 26	NE14 NW14 20 4 47
C-23	None	None
C-24	None	None
C-25	None	None
C-26	None	None
C-27	None	None
C-28	None	None
C-29	None	None
C-30	None	None
C-31	None	None
C-32	None	None
C-33	None	None
C-34	None	None
C-35	None	None
C-36	None	None
C-37	None	None
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C-91	None	None
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C-95	None	None
C-96	None	None
C-97	None	None
C-98	None	None
C-99	None	None
C-100	None	None

Stratigraphic section No. (Fig. 1)	Source	Drill-hole location Section T. S. R. E.
H-1	None	None
H-2	None	None
H-3	None	None
H-4	None	None
H-5	None	None
H-6	None	None
H-7	None	None
H-8	None	None
H-9	None	None
H-10	None	None
H-11	None	None
H-12	None	None
H-13	None	None
H-14	None	None
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H-28	None	None
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H-30	None	None
H-31	None	None
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H-33	None	None
H-34	None	None
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H-36	None	None
H-37	None	None
H-38	None	None
H-39	None	None
H-40	None	None
H-41	None	None
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H-43	None	None
H-44	None	None
H-45	None	None
H-46	None	None
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H-93	None	None
H-94	None	None
H-95	None	None
H-96	None	None
H-97	None	None
H-98	None	None
H-99	None	None
H-100	None	None

Stratigraphic section No. (Fig. 1)	Source	Drill-hole location Section T. S. R. E.
I-1	None	None
I-2	None	None
I-3	None	None
I-4	None	None
I-5	None	None
I-6	None	None
I-7	None	None