

Sources of Data

Conodont color-alteration-index (CAI) data were produced from samples supplied by the individuals or corporations listed in the “collector” field of the CAI data files. Actual CAI determinations were made in U.S. Geological Survey (USGS) laboratories; the name of the person responsible for the data is given in the “CAI determination” field of each record. Nearly all CAI determinations were made by A.G. Harris, and the procedures outlined in “Methods” apply to those data. Vitrinite-reflectance data, in contrast, were assembled from diverse sources. The following list explains the “source of data” cited in the last field of each record:

GMC — Alaska Division of Geological and Geophysical Surveys, Geologic Materials Center (GMC) data reports. Number of report indicated; if followed by “[Pawlewicz],” the data were generated by M.J. Pawlewicz at the USGS, and the procedures described in “Methods” apply. GMC reports may be ordered from Geologic Materials Center, P.O. Box 772116, Eagle River, AK 99577.

MMS — U.S. Department of the Interior, Minerals Management Service well files maintained at Minerals Management Service, 949 E. 36th Avenue, Anchorage, AK 99508-4302.

PGS — Petroleum Geochemistry System database maintained by Petroleum Information Corporation. The number in brackets following the reference is the extended American Petroleum Institute (API) number, which serves as a record number to locate the data within the database. This is a commercial product available from Petroleum Information Corporation, P.O. Box 2612, Denver, CO 80201-2612.

USGS — Data produced in USGS laboratories from samples collected by USGS scientists or donated to the USGS for use in this study. Name in brackets is that of the person responsible for the data; if “Pawlewicz,” the procedures described in “Methods” apply.

Oil Companies — Four oil companies (ARCO, British Petroleum, Chevron, and Shell) made generous donations of data from their internal files.

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Literature — Literature citations refer to data collected directly from published sources. Only actual tabulated data were used; data were not interpolated from figures. Cited sources are as follows:

Belowich, M.A., 1986, Basinal trends in coal, petrographic, and elemental composition with applications toward seam correlation, Jarvis Creek Coal Field, Alaska, *in* Focus on Alaska's Coal '86, Proceedings of the conference held at Anchorage, Alaska, October 27–30, 1986, Fairbanks, Alaska: Mineral Industry Research Laboratory, p. 300–335.

Bruns, T.R., von Huene, R., Curlotta, R.C., and Lewis, S.D., 1985, Summary geologic report for the Shumagin Outer Continental Shelf (OCS) planning area, Alaska: U.S. Geological Survey Open-File Report 85-32, 58 p.

Fisher, M.A., 1980, Petroleum geology of Kodiak Shelf, Alaska: American Association of Petroleum Geologists Bulletin, v. 64, p. 1140–1157.

Fisher, M.A., Patton, W.W., Jr., and Holmes, M.L., 1982, Geology of Norton Basin and continental shelf beneath northwestern Bering Sea, Alaska: American Association of Petroleum Geologists Bulletin, v. 66, p. 255–285.

Krumhardt, A.P., 1994, Conodont analyses from the Arctic National Wildlife Refuge, northeast Brooks Range, Alaska 1990-1993: Alaska Division of Geological and Geophysical Surveys Public-Data File 94-25, p. 79.

Merritt, R.D., 1985a, Coal atlas of the Matanuska Valley, Alaska: Alaska Division of Geological and Geophysical Surveys Public-Data File 85-45, 270 p.

Merritt, R.D., 1985b, Coal atlas of the Nenana Basin, Alaska: Alaska Division of Geological and Geophysical Surveys Public-Data File 85-41, 197 p.

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Merritt, R.D., 1986a, Depositional environments and resource potential of Cretaceous coal-bearing strata at Chignik and Herendeen Bay, Alaska Peninsula: Alaska Division of Geological and Geophysical Surveys Public-Data File 86-72, 20 p.

Merritt, R.D., 1986b, Geology and coal resources of the Wood River Field, Nenana Basin: Alaska Division of Geological and Geophysical Surveys Public-Data File 85-41, 11 p.

Merritt, R.D., 1990, Coal resources of the Susitna Lowland, Alaska: Alaska Division of Geological and Geophysical Surveys Report of Investigations 90-1, 181 p.

Rao, P.D., 1980, Petrographic, mineralogical, and chemical characterization of certain Arctic Alaskan coals from the Cape Beaufort region: Alaska Division of Geological and Geophysical Surveys, Mineral Industry Research Laboratory Report 44, 66 p.

Rao, P.D., and Smith, J.E., 1983, Petrology of Cretaceous coals from northern Alaska: Alaska Division of Geological and Geophysical Surveys, Mineral Industry Research Laboratory Report 64, 141 p.

Reifenstuhl, R.R., in press, Gilead sandstone, northeastern Brooks Range, Alaska; an Albian to Cenomanian marine clastic succession, *in* Reger, R., ed., Short notes on Alaskan geology: Alaska Division of Geological and Geophysical Surveys.

Reifenstuhl, R.R., 1990, Vitrinite reflectance data for some early Tertiary through Jurassic outcrop samples, northeastern Alaska: Alaska Division of Geological and Geophysical Surveys Public Data File 90-5a, 3 p.

Robinson, M.S., 1989, Kerogen microscopy of coal and shales from the North Slope of Alaska: Alaska Division of Geological and Geophysical Surveys Public Data File 89-22, 19 p.

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Smith, J., and Rao, P.D., 1986, Geology and coal resources of the Bering River Coal Field, *in* Focus on Alaska's Coal '86, Proceedings of the conference held at Anchorage, Alaska October 27–30, 1986: Fairbanks, Alaska, Mineral Industry Research Laboratory, p. 266–299.

Turner, R.F., Bolm, J.G., McCarthy, C.M., Steffy, D.A., Lowry, P., and Flett, T.O., 1983a, Geological and operational summary Norton Sound COST No. 1 well, Norton Sound, Alaska: U.S. Geological Survey Open-File Report 83-124, 164 p.

Turner, R.F., Bolm, J.G., McCarthy, C.M., Steffy, D.A., Lowry, P., Flett, T.O., and Blunt, D., 1983b, Geological and operational summary Norton Sound COST No. 2 well, Norton Sound, Alaska: U.S. Geological Survey Open-File Report 83-557, 154 p.

Turner, R.F., Lynch, M.B., Conner, T.A., Hallin, P.J., Hoose, P.J., Martin, G.C., Olson, D.L., Larson, J.A., Flett, T.A., Sherwood, K.W., and Adams, A.J., 1987, Geologic and operational summary, Kodiak Shelf stratigraphic test wells, western Gulf of Alaska: U.S. Minerals Management Service OCS Report MMS 87-0109, 341 p.

Turner, R.F., McCarthy, C.M., Comer, C.D., Larson, J.A., Bolm, J.G., Banet, A.C., Jr., and Adams, A.J., 1984a, Geological and operational summary St. George Basin COST No. 1 Well Bering Sea, Alaska: U.S. Minerals Management Service OCS Report MMS 84-0016, 105 p.

Turner, R.F., McCarthy, C.M., Comer, C.D., Larson, J.A., Bolm, J.G., Flett, T.O., and Adams, A.J., 1984b, Geological and operational summary St. George Basin COST No. 2 Well Bering Sea, Alaska: U.S. Minerals Management Service OCS Report MMS 84-0018, 100 p.

Turner, R.F., McCarthy, C.M., Steffy, D.A., Lynch, M.B., Martin, G.C., Sherwood, K.W., Flett, T.O., and Adams, A.J., 1984c, Geological and operational summary Navarin Basin COST No. 1 Well Bering Sea, Alaska: U.S. Minerals Management Service OCS Report MMS 84-0031, 245 p.



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