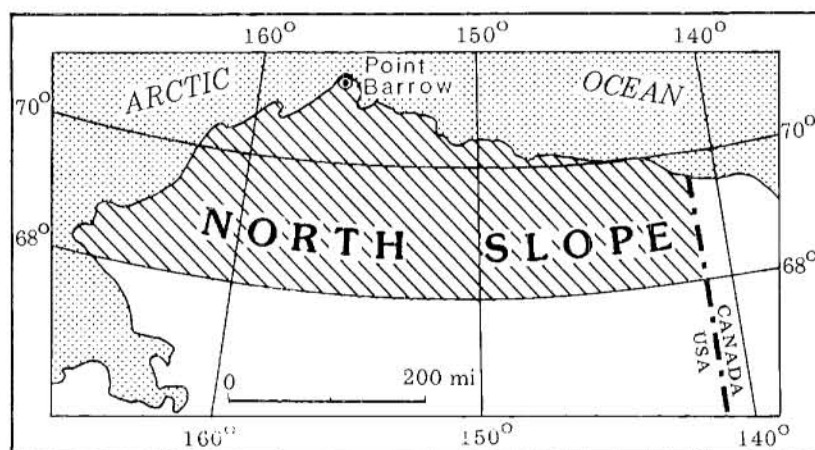


STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES

GEOLOGICAL LITERATURE ON THE NORTH SLOPE OF ALASKA,
1974-80

Compiled by Karen S. Emmel

SPECIAL REPORT 29



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ANCHORAGE, ALASKA
1982

Jay S. Hammond, *Governor*

John W. Katz, *Commissioner, Dept. of Natural Resources*

Geoffrey Haynes, *Deputy Commissioner*

Ross G. Schaff, *State Geologist*

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Geological literature on the North Slope of Alaska, 1974-80
Compiled by Karen S. Emmel

INTRODUCTION

This collection includes references to most geological literature published between July 1974 and December 1980 on that part of Alaska north of 68°. Most reports on offshore areas are included, as are some reports on adjacent areas in Canada. The cover map shows the area encompassed by the literature in this compilation, and figure 1 shows the general geology of the area. National Petroleum Reserve - Alaska, formerly Naval Petroleum Reserve 4, occupies one-third of the Arctic Coastal Plain and the Arctic Foothills provinces (Wahrhaftig, 1965) (fig. 2).

In the search for references, special emphasis was placed on petroleum geology and related fields. Trade journals provided many of the entries. Mining and mineral-deposit geology are represented, but no effort was made to examine the trade journals in this field. Because of its impact on exploration and development, permafrost is also represented, but no exhaustive effort was made to include all articles.

The reports are indexed on both a subject and an area basis. The subject index is a simple, one-entry listing based on the title. Thus, reports entitled "Geology and paleontology of...." are listed under "Geology."

The area index is based largely on the work of Edward H. Cobb, of the U.S. Geological Survey. In his annual bibliographies, the reports of the USGS, the Alaska Division of Geological and Geophysical Surveys, and the U.S. Bureau of Mines are indexed by quadrangle. Two special bibliographies by Cobb also index the articles of the American Association of Petroleum Geologists and the Geological Society of America. Reports from other sources are indexed by title. Where possible, these reports are listed by quadrangle; otherwise, they are listed under more general area listings. Figure 3 shows the quadrangles north of 68°.

The author wishes to thank both Mr. Cobb and the staff of the Alaska Resources Library for their assistance in compiling this bibliography.

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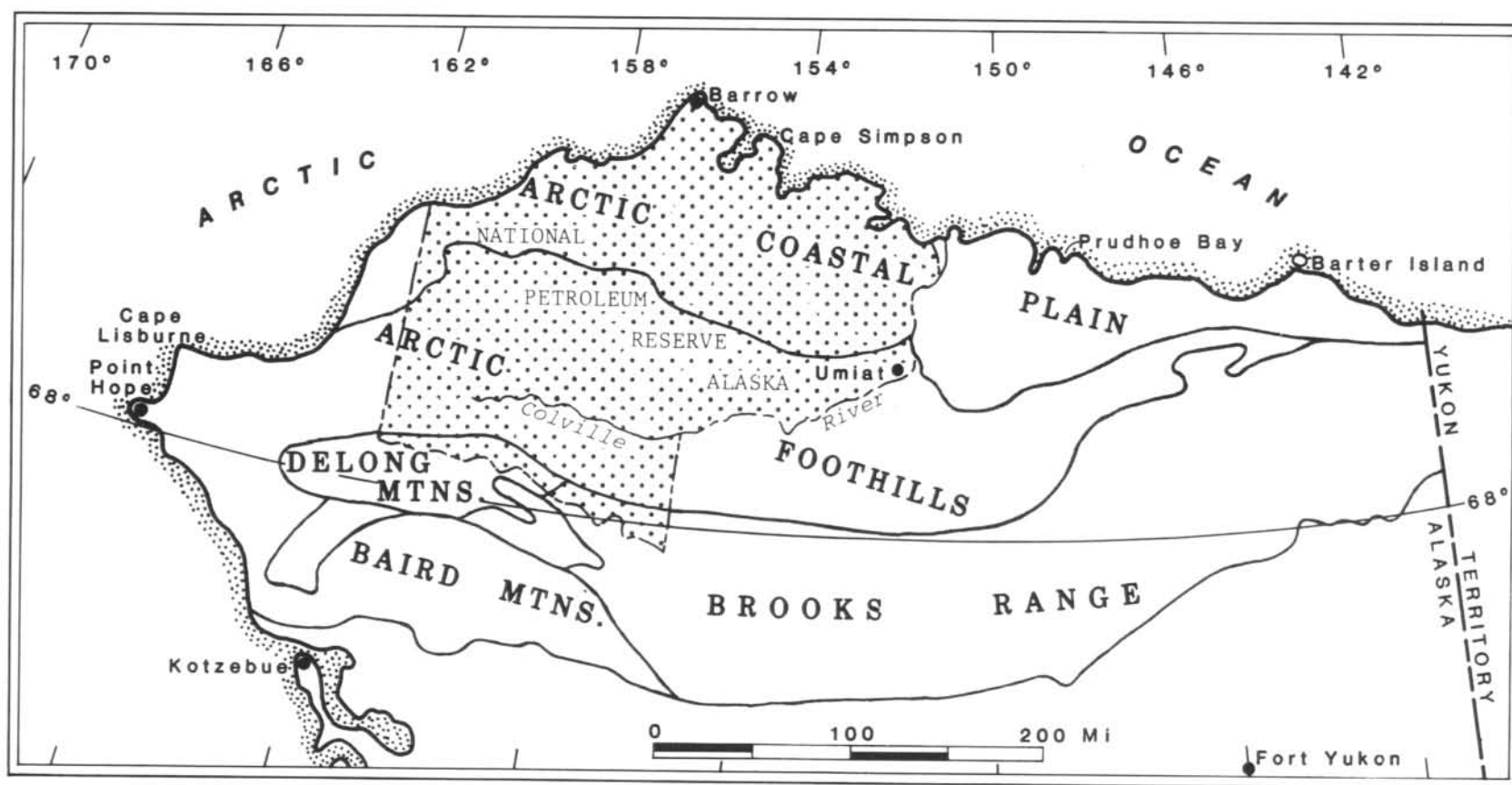


Figure 1. Index map of northern Alaska showing physiographic provinces and National Petroleum Reserve - Alaska.

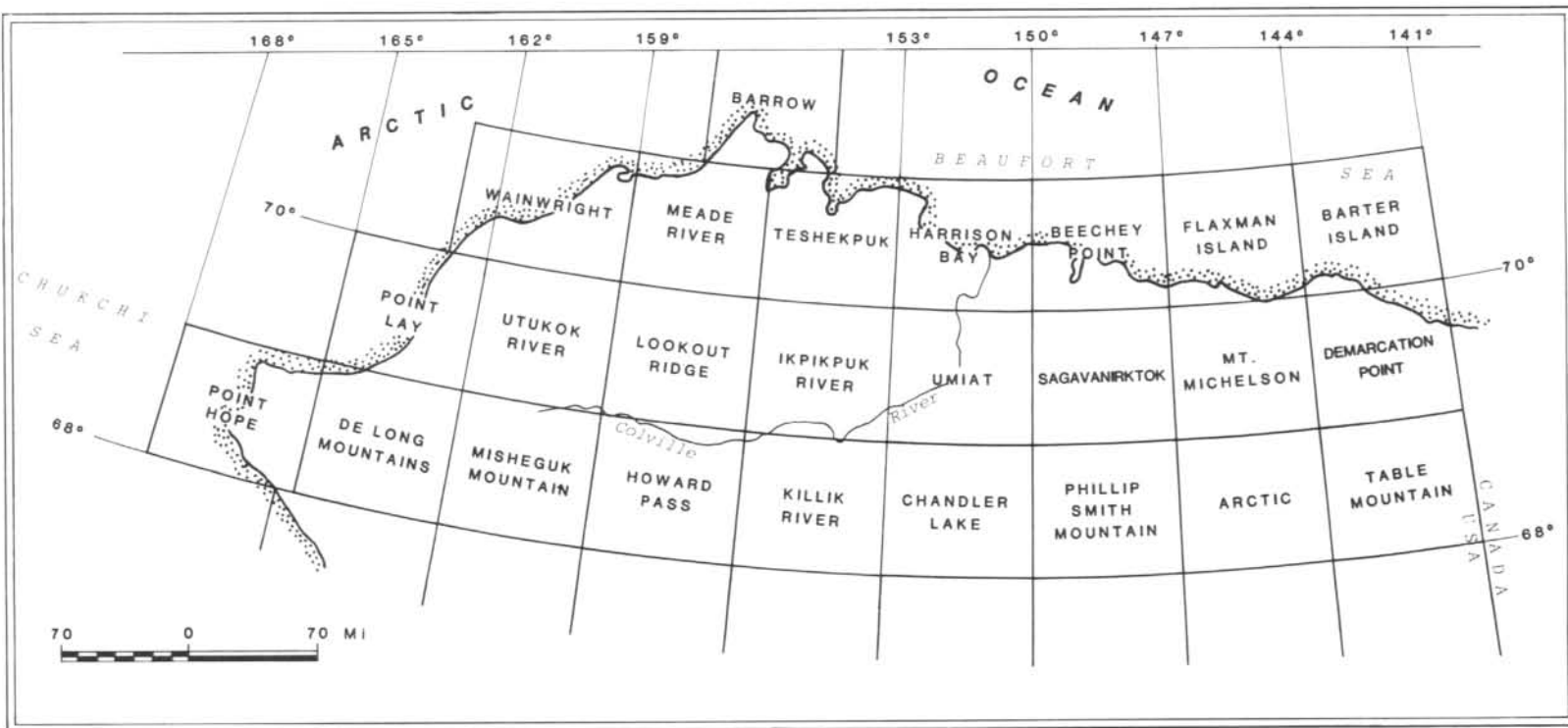
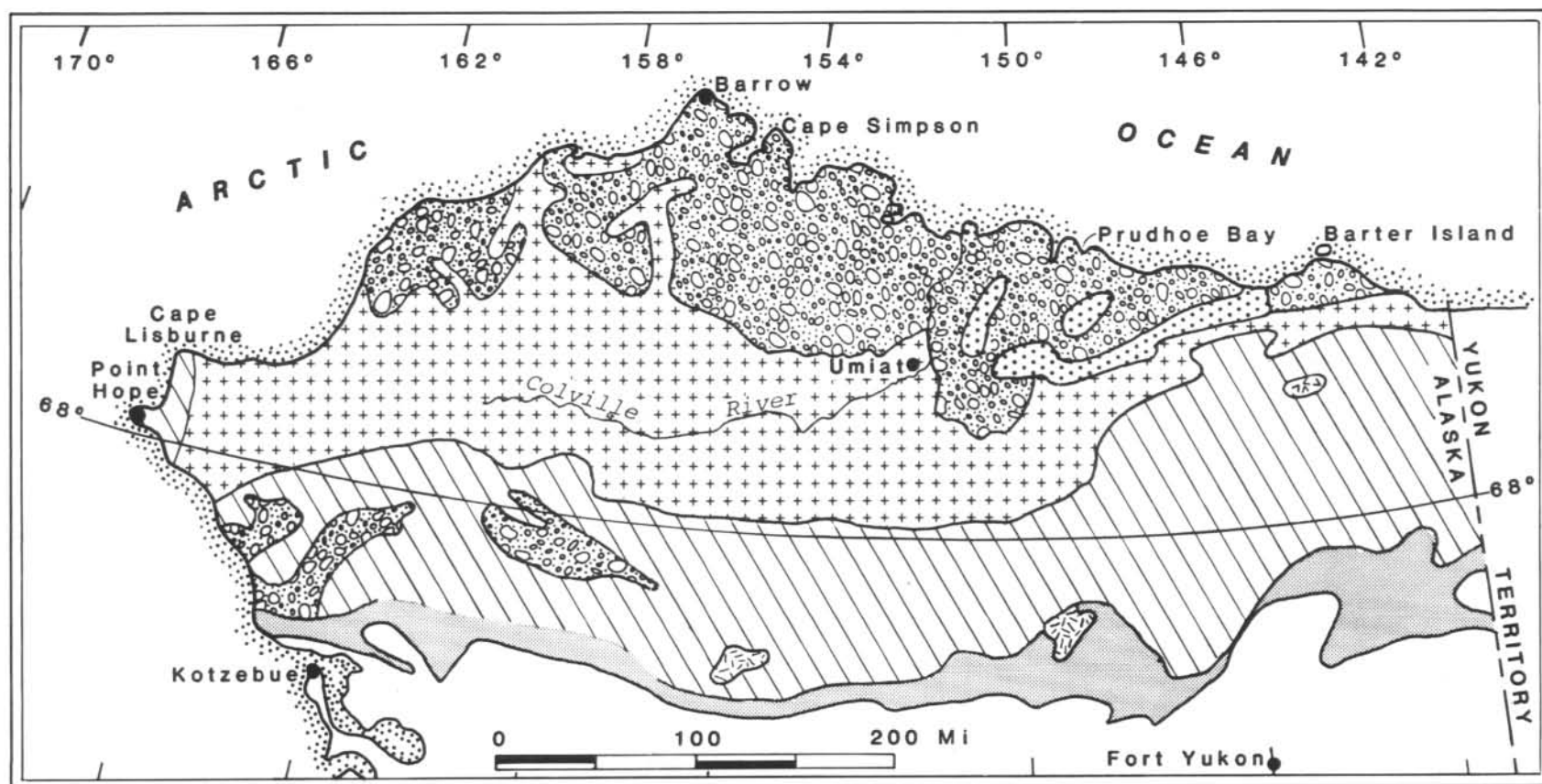
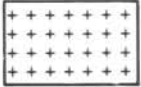


Figure 2. Index map of Alaska showing USGS quadrangles on North Slope.




Paleozoic and Precambrian
Metamorphic Rocks


Tertiary Sedimentary
Rocks


Mesozoic Sedimentary Rocks,
Some Metamorphic Rocks


Quaternary Surficial
Deposits


Paleozoic Intrusive
Rocks


Paleozoic and Precambrian
Sedimentary Rocks,
Some Lower Mesozoic
Rocks


Mesozoic Intrusive
Rocks

Figure 3. Generalized geologic map of northern Alaska.

AREA INDEX

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Carter, L.D., and Galloway, J.P., 1979a; 1979b; Carter, L.D., Marincovich, Louie, Jr., Brouwers, E.M., and Forester, R.M., 1979; Carter, L.D., Repenning, C.A., Marincovich, L.N., Hazel, J.E., Hopkins, D.M., McDougall, Kristin, and Naeser, C.W., 1977; Carter, L.D., and Robinson, S.W., 1978; Carter, R.D., Mull, G.C., Bird, K.J., and Powers, R.B., 1977;

Childers, J.M., Kernodle, D.R., and Loeffler, R.M., 1979; Childers, J.M., Sloan, C.E., Meckel, J.P., and Nauman, J.W., 1977; Claypool, G.E., and Magoon, L.B., 1980a; 1980b; Curtis, S.M., and Rossiter, Richard, 1979; Curtis, S.M., Rossiter, Richard, Ellersieck, I.F., Mayfield, C.F., and Tailleu, I.L., 1979;

Decker, John, and Karl, Susan, 1977; Detterman, R.L., 1978; Dutro, J.T., Jr., 1979;

Galloway, J.P., and Carter, L.D., 1978; Grantz, Arthur, Barnes, P.W., Eittreim, S.L., Reimnitz, Erk, Scott, E.W., Smith, R.A., Stewart, George, and Toimil, J.G., 1976; Grantz, Arthur, Barnes, P.W., Dinter, D.A., Lynch, M.B., Reimnitz, Erk, and Scott, E.W., 1980; Greenberg, Johnathan, Hart, P.E., and Grantz, Arthur, 1979;

AREA

Harrison Bay quadrangle (cont'd.)

Hardin, Deborah, Barnes, Peter, and Reimnitz, Erk, 1977; Hartz, R.W., 1978; Hopkins, D.M., and Hartz, R.W., 1978; Hopkins, D.M., and Robinson, S.W., 1979; Huffman, A.C., and Ahlbrandt., T.S., 1979;

Johnson, K.M., 1978;

Kachadoorian, Reuben, Crory, F.E., and Berg, R.L., 1979; Kaiser Engineers, Inc., 1977; Kososki, B.A., and Anderson, R.C., 1977;

LaBelle, J.C., 1976; Levorsen, J.A., Pessel, G.H., Carter, R.D., and Tailleur, I.L., 1978a; 1978b; Luepke, Gretchen, 1975;

Magoon, L.B., and Claypool, G.E., 1979; 1980a; 1980b; 1980c; 1980d; Martin, G.C., and Callahan, J.E., 1978; Maurer, D.K., Barnes, P.W., and Reimnitz, Erk, 1978; Mowatt, T.C., Naidu, A.S., and Veach, Namok, 1974;

Naidu, A.S., Burrell, D.C., Hood, D.W., and Dygas, J.A., 1975; Naidu, A.S., and Mowatt, T.C., 1974; Nemeth, D.F., 1977;

Oil and Gas Journal, 1979c;

Pessel, G.H., Levorsen, J.A., and Tailleur, I.L., 1978a; 1978b; 1978c; 1978d; 1978e; Pessel, G.H., and Tailleur, I.L., 1978; Pessel, G.H., Tailleur, I.L., and Bird, K.J., 1978a; 1978b; 1978c; 1978d; 1978e; Peterson, L.A., 1979; Pewe, T.L., 1975;

Reimnitz, Erk, Barnes, P.W., and Kempema, Edward, 1979; Reimnitz, Erk, Barnes, P.W., and Maurer, Douglas, 1979; Reimnitz, Erk, Barnes, P.W., Toimil, L.J., and Melchior, John, 1977; Reimnitz, Erk, Kempema, Edward, Ross, Robin, and Minkler, Peter, 1980; Reimnitz, Erk and Maurer, D.K., 1978a; 1978b; Reimnitz, Erk, Maurer, Doug, Barnes, Peter, and Toimil, L.J., 1977; Reimnitz, Erk, and Ross, Robin, 1979;

Repenning, C.A., 1978; Ritchie, W., and Walker, H.V., 1974; Rodeick, C.A., 1979; Ruppel, B.D., and McHendrie, A.G., 1976;

Schumacher, G.M., 1976; Short, A.D., and Wiseman, W.J., Jr., 1975; Sloan, Charles, Trabant, Dennis, and Glude, William, 1979; Still, P.J., 1980;

Tailleur, I.L., Bird, K.J., and Engwicht, S.E., 1978; Tailleur, I.L., and Engwicht S.E., 1978a; 1978b; 1978c; Tailleur, I.L., Pessel, G.H., and Engwicht, S.E., 1978; Tailleur, I.L., Pessel, G.H., Levorsen, J.A., and Engwicht, S.E., 1978;

U.S. Geological Survey, 1975; 1976; 1977; 1978; 1979;

Walker, H.J., 1974, 1976a, 1976b, Williams, J.R., Carter, L.D., and Yeend, W. E., 1978; Williams, J.R., Yeend, W.E., Carter L.D., and Hamilton, T.D., 1977; Witmer, R.J., 1980;

AREA

Howard Pass

Alpha, T.R., and Gerin, Marybeth, 1980; Armstrong, A.K., 1975;

Barnes, D.F., 1977; Beikman, H.M., and Lathram, E.H., 1976;

Carter, R.D., Mull, C.G., Bird, K.J., and Powers, R.B., 1977; Childers, J.M., and Kernodle, D.R., 1979; Churkin, Michael, Jr., Huie, Carl, Mayfield, C.F., and Nokleberg, W. J., 1978; Churkin, Michael, Jr., Mayfield, C.F., Theobald, P.K., Barton, Harlan, and others, 1978; Cobb, E.H., 1975; Curtis, S.M., Rossiter, Richard, Ellersieck, I.F., Mayfield, C.F., and Tailleur, I.L., 1979a; 1979b;

Decker, John, and Karl, Susan, 1977; Degenhart, C.E., Griffis, R.J., McQuat, J.F., and Bigelow, C.G., 1978; Detterman, R. L., 1978; Donovan, T.J., and Tailleur, I.L., 1975; Dutro, J.T., Jr., 1979;

Galloway, J.P., and Carter, L.D., 1978; Gibson, H.A., and Tailleur, I.L., 1980; Grybeck, Donald, 1977; Grybeck, Donald, Beikman, H.M., Brosge, W.P., Tailleur, I.L., and Mull, C.G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978; Grybeck, Donald, and Nokleberg, W.J., 1979;

Hamilton, T.D., 1979; Hamilton, T.D., and Trexler, J.H., 1979; Hunter, R.E., and Fox, J.E., 1976;

Jansons, Uldis, and Baggs, D.W., 1980; Johnson, K.M., 1978;

Kachadoorian, Reuben, Crory, F.E., and Berg, R.L., 1979; Lange, I.M., and others, 1980;

Martin, G.C., and Callahan, J.E., 1978; Mayfield, C.F., Curtis, S.M., Ellersieck, I.F., and Tailleur, I.L., 1979; Mayfield, C.F., Tailleur, I.L., Mull, C.G., and Silberman, M.L., 1978; Mull, C.G., 1979;

Nelson, S.W., Nokleberg, W.J., Miller-Hoare, Martha, and Mullen, M.W., 1979; Nilsen, T.H., Moore, T.E., and Brosge, W.P., 1980; Nilsen, T.H., Moore, T.E., Dutro, J.T., Jr., Brosge, W.P., and Orchard, D.M., 1980; Nokleberg, W.J., and Winkler, G.R., 1978a; 1978b; 1978c;

Roeder, Dietrich, and Mull, C.G., 1978;

Still, P.J., 1980a; 1980b;

Tailleur, I.L., Pessel, G.H., Brosge, W.P., and Mayfield, C.F., 1976; Tailleur, I.L., Ellersieck, I.F., and Mayfield, C.F., 1977; Theobald, P.K., and Barton, H.N., 1978; Theobald, P.K., Barton, H.N., Billings, T.M., Frisken, J.G., and others, 1978;

U.S. Bureau of Mines, Alaska Field Operations Center, 1978a; 1978b; 1978c; 1979a; 1979b; 1980; U.S. Geological Survey, 1976;

Williams, J.R., Yeend, W.E., Carter, L.D., and Hamilton, T.D., 1977;

AREA

Ikpikpuk River quadrangle

- Alpha, T.R., and Gerin, Marybeth, 1980; Ahlbrandt, T.S., 1979a; 1979b;
Ahlbrandt, T.S., Huffman, A.C., Jr., Fox, J.E., and Pasternack, Ira, 1979;
- Barnes, D.F., 1977; Bartsch-Winkler, Susan, 1979; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., and Andrews, Jack, 1979;
- Carter, L.D., and Galloway, J.P., 1979; Carter, L.D., and Robinson, S.W., 1978; Carter, R.D., Mull, C.G., Bird, K. J., and Powers, R.B., 1977; Childers, J.M., Kernodle, D. R., and Loeffler, R.M., 1979;
- Decker, John and Karl, Susan, 1977; Detterman, R.L., 1978;
- Fox, J.E., 1979; Fox, J.E., Lambert, P.W., Pitman, J.K., and Wu, C.H., 1979;
- Galloway, J.P., and Carter, L.D., 1978; Gibson, H.A., and TAILLEUR, I.L., 1980; Grybeck, Donald, Beikman, H.M., Brosge, W.P., TAILLEUR, I.L., and Mull, C. G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978;
- Huffman, A.C., and Ahlbrandt, T.S., 1979;
- Johnson, K.M., 1978;
- Kachadoorian, Reuben, Crory, F.E., and Berg, R.L., 1978; Kaiser Engineers, Inc.1977;
- Magoon, L.B., and Claypool, G.E., 1978; 1979; Martin, G.C., and Callahan, J.E., 1978; Mayfield, C.F., TAILLEUR, I.L., Mull, C.G., and Sable, E.G., 1978; Mull, C.G., 1979;
- Nilsen, T.H., Moore, T.E., Dutro, J.T., Jr., Brosge, W.P., and Orchard, D.M., 1980;
- Pewe, T.L., 1975;
- Scott, R.A., and Smiley, C.J., 1979; Sliter, W.V., 1979; Sloan, Charles, Trabant; Dennis, and Glude, William, 1979; Still, P.J., 1980;
- U.S. Bureau of Mines, Alaska Field Operations Center, 1980; U.S. Geological Survey, 1979;
- Williams, J.R., Carter, L.D., and Yeend, W.E., 1978; Williams, J.R., Yeend, W.D., Carter, L.D., and Hamilton, T. D., 1977; Witmer, R.J., 1980;
- Yeend, W.E., 1978;

AREA

Killik River quadrangle

Alpha, T.R., and Gerin, Marybeth, 1980; Ahlbrandt, T.S., 1979a; 1979b; Ahlbrandt, T.S., Huffman, A.C., Jr., Fox, J.E., and Pasternack, Ira, 1979; Armstrong, A.K., 1975;

Barnes, D.F., 1977; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., and Andrews, Jack, 1979; Bottge, R.G., 1975; Brosge, W.P., Reiser, H.N., Dutro, J.T., Jr., and Nilsen, T.H., 1979;

Carter, R.D., Mull, C.G., Bird, K.J., and Powers, R.B., 1977; Childers, J.M., Kernodle, D.R., and Loeffler, R.M., 1979; Churkin, Michael, Jr., Mayfield, C.G., Theobald, P.K., Barton, Harlan, and others, 1978;

Decker, John, and Karl, Susan, 1977; Degenhart, C.E., Griffis, R.J., McOuat, J.F., and Bigelow, C.G., 1978; Detterman, R.L., 1978; Donovan, T.J. and Tailleir, I.L., 1975; Dutro, J.T., Jr., 1979;

Gibson, H.A., and Tailleir, I.L., 1980; Grybeck, Donald, Beikman, H.M., Brosge, W.P., Tailleir, I.L. and Mull, C.G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978;

Hamilton, T.D., and Trexler, J.H., Jr., 1979; Huffman, A.C., and Ahlbrandt, T.S., 1979; Hunter, R.E., and Fox, J.E., 1976;

Johnson, K.M., 1978;

Kaiser Engineers, Inc. 1977;

Martin, G.C., and Callahan, J.E., 1978; Mayfield, C.G., Tailleir, I.L., Mull, C.G., and Sable, E.G., 1978; Mayfield, C.G., Tailleir, I.L., Mull, C.G., and Silberman, M.L., 1978; Mull, C.G., 1979; Mull, C.G., Tailleir, I.L., Mayfield, C.F., and Pessel, G.H., 1976;

Nilsen, T.H., Moore, T.E., and Brosge, W.P., 1980; Nilsen, T.H., Moore, T.E., Dutro, J.T., Jr., Brosge, W.P., and Orchard, D.M., 1980;

Pewe, T.L., 1975; Platt, J.B., 1975;

Reiser, H.N., Brosge, W.P., DeYoung, J.H., Jr., Marsh, S.P., and others, 1979;

Scott, R.A., and Smiley, C.G., 1979; Sloan, Charles, Trabant, Dennis, and Glude, William, 1979; Still, P.J., 1980;

U.S. Bureau of Mines, Alaska Field Operations Center, 1978; 1979; 1980; U.S. Geological Survey, 1976;

Williams, J.R., Yeend, W.E., Carter, L.D., and Hamilton, T. D., 1977;

Yeend, W.E., 1978;

AREA

Lookout Ridge quadrangle

- Alpha, T.R., and Gerin, Marybeth, 1980; Ahlbrandt, T.S., 1979a; 1979b;
- Barnes, D.F., 1977; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., and Andrews, Jack, 1979;
- Carter, R.D., Mull, C.G., Bird, K.J., and Powers, R.B., 1977;
- Decker, John, and Karl, Susan, 1977; Detterman, R.J., 1978;
- Galloway, J.P., and Carter, L.D., 1978; Gibson, H.A., and TAILLEUR, I.L., 1980; Glude, W.J., and Sloan, C.E., 1980; Grybeck, Donald, Beikman, H.M., Brosge, W.P., TAILLEUR, I.L., and Mull, C.G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978;
- Huffman, A.C., and Ahlbrandt, T.S., 1979;
- Johnson, K.M., 1978;
- Kaiser Engineers, Inc., 1977;
- Martin, G.C., and Callahan, J.E., 1978; Mayfield, C.F., TAILLEUR, I.L., Mull, C.G., and Sable, E.G., 1978; Mull, C.G., 1979;
- Pewe, T.L., 1975;
- Sloan, Charles, Trabant, Dennis, and Glude, William, 1979; Still, P.J., 1980;
- Williams, J.R., Carter, L.D., and Yeend, W.E., 1978; Williams, J.R., Yeend, W.D., Carter, L.D., and Hamilton, T.D., 1977;
- Yeend, W.E., 1978;

Meade River quadrangle

- Alpha, T.R., and Gerin, Marybeth, 1980; Ahlbrandt, T.S., 1979a; 1979b;
- Barnes, D.G., 1977; Bartsch-Winkler, Susan, 1979; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., and Andrews, Jack, 1979; Boucher, Gary, 1976;
- Carter, L.D., and Galloway, J.P., 1979; Carter, L.D., Marinkovich, Louie, Jr., Brouwers, E.M., and Forester, R.M., 1979; Carter, R.D., Mull, C.G., Bird, K.J., and Powers, R. B., 1977; Childers, J.M., Kernodle, D.R., and Loeffler, R.M., 1979; Claypool, G.E., and Magoon, L.B., 1980;
- Decker, John, and Karl, Susan, 1977; Detterman, R.L., 1978;
- Galloway, J.P., and Carter, L.D., 1978; Greenberg, Jonathan, Hart, P.E., and Grantz, Arthur, 1979;
- Hartz, R.W., 1978; Hopkins, D.M., and Hartz, R.W., 1978; Huffman, A.C., and Ahlbrandt, T.S., 1979;

AREA

Meade River quadrangle (cont'd.)

Johnson, K.M., 1978;

Kaiser Engineers, Inc., 1977;

Magoon, L.B., and Claypool, C.E., 1979; Mann, D.M., 1977; Martin, G.C., and Callahan, J.E., 1978;

Pewe, T.L., 1975;

Ruppel, B.D., and McHendrie, A.G., 1975; 1976;

Schumacher, G.M., 1976; Sloan, Charles, Trabant, Dennis, and Glude, William, 1979; Still, P.J., 1980;

Toimil, L.J., 1978;

U.S. Geological Survey, 1975; 1976;

Williams, J.R., Yeend, W.E., Carter, L.D., and Hamilton, T. D., 1977;

Williams, J.R., Carter, L.D., and Yeend, W.E., 1978; Williams, J.R., and Yeend, W.E., 1979; Witmer, R.J., 1980;

Misheguk Mountain quadrangle

Ahlbrandt, T.S., 1979a; 1979b; Ahlbrandt, T.S., Huffman, A.C., Jr, Fox, J.E., and Pasternack, Ira, 1979; Alpha, T. R., and Gerin, Marybeth, 1980; Armstrong, A.K., 1974; 1975; Armstrong, A.K., and Mamet, B.L., 1977;

Barnes, D.F., 1977; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., and Andrews, Jack, 1979;

Carter, R.D., Mull, C.G., Bird, K.J., and Powers, R.B., 1977; Childers, J.M., and Kernodle, D.R., 1979; Childers, J.M., Kernodle, D.R., and Loeffler, R.M., 1979; Churkin, Michael, Jr., Huie, Carl, Mayfield, C.F., and Nokleberg, W.J., 1978; Churkin, Michael, Jr., Mayfield, C.F., Theobald, P.K., Barton, Harlan, and others, 1978;

Cobb, E.H., 1975; Curtis, S.M., Ellersieck, I.F., Mayfield, C.F., and Tailleur, I.L., 1980; Curtis, S.M., Kossiter, Richard, Ellersieck, I.F., Mayfield, C.F., and Tailleur, I.L., 1979a; 1979b;

Decker, John and Karl, Susan, 1977; Degenhart, C.E., Griffis, R.J., McOuat, J.F., and Bigelow, C.G., 1978; Detterman, R.L., 1978; Donovan, T.J., and Tailleur, I. L., 1975;

Ellersieck, I.F., Mayfield, C.F., Tailleur, I.L., and Curtis. S.M., 1979;

Gibson, H.A., and Tailleur, I.L., 1980; Grybeck, Donald, 1977; Grybeck, Donald, Beikman, H.M., Brosge, W.P., Tailleur, I.L., and Mull, C.G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978;

Huffman, A.C., and Ahlbrandt, T.S., 1979;

AREA

Misheguk Mountain quadrangle (cont'd.)

Jansons, Uldis, and Baggs, D.W., 1980; Johnson, K.M., 1978; Jones, D.L., and Grantz, Arthur, 1964;

Kaiser Engineers, Inc., 1977;

Martin, G.C., and Callahan, J.E., 1978; Mayfield, C.F., Curtis, S.M., Ellersieck, I.F., and TAILLEUR, I.L., 1979a; 1979b; Mayfield, C.F., TAILLEUR, I.L., MULL, C.G., and Sable, E.G., 1978; MULL, C.G., 1979; MULL, C.G., TAILLEUR, I.L., Mayfield, C.F., and Pessel, G.H., 1976;

Nilsen, T.H., Moore, T.E., Dutro, J.T., Jr., Brosge, W.P., and Orchard, D.M., 1980;

Oliver, W.A., Jr., Merriam, C.W., and Churkin, Michael, Jr., 1975;

Roeder, Dietrich, and MULL, C.G., 1978; Rowett, C.L., 1975;

Sliter, W.V., 1979; Sloan, Charles, Trabant, Dennis, and Glude, William, 1979; Still, P.J., 1980a; 1980b;

Theobald, P.K., and Barton, H.N., 1978; Theobald, P.K., Barton, H.N., Billings, T.M., Frisken, J.G., and others, 1978;

U.S. Bureau of Mines, Alaska Field Operations Center, 1978a; 1978b; 1979; 1980; U.S. Geological Survey, 1976;

Williams, J.R., Yeend, W.E., Carter, L.D., and Hamilton, T.D., 1977;

Yeend, W.E., 1978

Mount Michelson quadrangle

Albert, N.R.D., 1978; Alpha, T.R., and Gerin, Marybeth, 1980; Armstrong, A.K., 1975; Armstrong, A.K., and Mamet, B.L., 1975; 1977;

Barker, J.C., 1978; Barnes, D.F., 1977; Barnes, D.F., Kososki, B.M., Mayfield, C.F., Ruppel, B.D., and others, 1976; Beikman, H.M., and Lathram, E.H., 1976; Bird, K.J., 1976; 1978a; 1978b; Bird, K.J., Connor, C.L., TAILLEUR, I.L., Silberman, M.L., and Christie, J.L., 1978; Bird, K.J., and Jordan, C.G., 1976; 1977; Bottge, R.G., 1975; Brosge, W.P., and Reiser, H.N., 1976;

Carter, R.D., MULL, C.G., Bird, K.J., and Powers, R.B., 1977; Childers, J.M., Sloan, C.E., Meckel, J.P., and Nauman, J.W., 1977; Churkin, Michael, Jr., 1975; Cobb, E.H., 1975; Craig, P.C., and McCart, P.J., 1975;

Decker, John, and Karl, Susan, 1977; Detterman, R.L., 1976; 1978; Detterman, R.L., Reiser, H.N., Brosge, W.P., and Dutro, J.T., Jr., 1975; Donovan, T.J., and TAILLEUR, I.L., 1975; Dutro, J.T., Jr., 1979;

AREA

Mount Michelson quadrangle (cont'd.)

- Grantz, Arthur, and Mull, C.G., 1978; Grybeck, Donald, 1977a; 1977b; Grybeck, Donald, Beikman, H.M., Brosge, W.P., TAILLEUR, I.L., and Mull, C.G., 1977; Grybeck, Donald, and DeYoung, J.H., Jr., 1978; Grybeck, Donald, and Nokleberg, W.J., 1979;
- Hardin, Deborah, Barnes, P.W., and Reimnitz, Erk, 1977; Hartman, D.C., 1973;
- Imlay, R.W., 1976;
- Kosowski, B.A., Reiser, H.N., Cavit, C.D., and Detterman, R.L., 1978;
- Levorsen, J.A., Pessel, G.H., Carter, R.D., and TAILLEUR, I.L., 1978; Levorsen, J.A., Pessel, G.H., and TAILLEUR, I.L., 1978; Lyle, W.M., Palmer, I.F., Bolm, J.G., and Maxey, L.R., 1980;
- Meckel, J.P., 1976; Mull, C.G., and Kosowski, B.A., 1977;
- Nilsen, T.H., Moore, T.E., and Brosge, W.P., 1980; Nilsen, T.H., Moore, T.E., Dutro, J.T., Jr., Brosge, W.P., and Orchard, D.M., 1980;
- Oliver, W.A., Jr., Merriam, C.Q., and Churkin, Michael, Jr., 1975; Overstreet, W.C., Crenshaw, G.L., Hubert, A.E., Rosenblum, Sam, and Smith, R.J., 1975; Overstreet, W.C., Hamilton, J.C., Boerngen, J.G., Rosenblum, Sam, Marsh, W. R., and Sainsbury, C.L., 1975;
- Pessel, G.H., Levorsen, J.A., and TAILLEUR, I.L., 1978a; 1978b; 1978c; 1978d; 1978e; Pessel, G.H., and TAILLEUR, I.L., 1978; Pessel, G.H., TAILLEUR, I.L., and Bird, K.J., 1978a; 1978b; 1978c; 1978d; Pessel, G.H., TAILLEUR, I.L., and Levorsen, J.A., 1978; Peterson, L.A., 1979, Pewe, T.L., 1975; Post, Austin, and Meier, M.F., 1979;
- Reiser, H.N., Brosge, W.P., Dutro, J.T., Jr., and Detterman, R.L., 1979; Repenning, C.A., 1978;
- Sable, E.G., 1977; Shawe, D.R., ed., 1976; Sloan, C.E., 1976; Still, P.J., 1980;
- TAILLEUR, I.L., Bird, K.J., and Engwicht, S.E., 1978; TAILLEUR, I.L., and Engwicht, S.E., 1978a; 1978b; 1978c; TAILLEUR, I.L., Pessel, G.H., and Engwicht, S.E., 1978; TAILLEUR, I.L., Pessel, G.H., Levorsen, J.A., and Engwicht, S.E., 1978; Turner, D.L., Grybeck, Donald, and Wilson F.H., 1975;
- U.S. Geological Survey, 1976; 1977;
- Wilson, F.H., and Turner, D.L., 1975; Wood, G.V., and Armstrong, A.K., 1975b;

AREA

Philip Smith Mts. quadrangle

- Ahlbrandt, T.S., 1979a; 1979b; Alpha, T.R., and Gerin, Marybeth, 1980; Armstrong, A.K., 1975; Armstrong, A.K., and Mamet, B.L., 1977;
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