

DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

NEW INFORMATION RESOURCES OF THE U.S. GEOLOGICAL  
SURVEY LIBRARY SYSTEM

NUMBER 6

OCTOBER 1986

Open-file Report 86-400-I

This report is preliminary and has not been reviewed for conformity with the U.S. Geological Survey editorial standards.

With this issue, no. 6, the New Information Resources of the U.S. Geological Survey Library System has added consecutive numbering. The first five issues, Jan., Feb-March, April-May, June and September 1986 (Open-File Reports 86-400A through H) did not carry this numbering.

## NEWS ITEMS

Among eleven Geological Survey employees who were presented the DOI DISTINGUISHED SERVICE AWARD in Septemeber are 5 frequent library users: Cornelia Cameron, William B. Cobban, Malcolm Ross, John G. Vedder, all GD, and Isaac J. Winograd, WRD. Congratulations to the awardees and to the Library System staff members who worked with them.

\*\*\*\*\*

The Library System has received a CONTRIBUTION from Conant and Associates, Ltd., in recognition of the work of James Clarke and Charles Masters. The funds, given without restriction, will be used to develop a collection of scientific materials in tape format and to augment the collection of paper copy research materials in the field of petroleum geology, especially petroleum economics.

\*\*\*\*\*

TECHNOLOGY SPEEDS RECEIPT OF TECHNICAL REPORTS. The Order Unit received its first on-line QuikOrder shipment from the National Technical Information Service, "Geotechnical assessment and instrumentation needs for insolation of nuclear waste in crystalline rocks. Symposium Proceedings" was received in 48 hours!

\*\*\*\*\*

A new exhibit on RADON was displayed in the Reston Library. It was composed of an aeroradiometric map of the Culpeper basin; a Vienna quadrangle aeroradiometric map with transparent overlay of Reston; Open file report 86-222 on radon gas; and a list of agencies testing for radon gas. Added information is being kept at the reference desk for individuals requiring it.

\*\*\*\*\*

Professor Alberto Marini, a visiting geologist, completed two weeks' work in the Flagstaff Library compiling a BIBLIOGRAPHY ON ANTARTICA. He is with the Universita' di Cagliari, Dipartimento Scienze della Terra, Cagliari, Italy.

\*\*\*\*\*

In response to a request from Albert Sanders, head of the Natural History Section of the CHARLESTON, SOUTH CAROLINA, MUSEUM, Trudy Sinnott and Jon Sellin, Reston, located materials on geological illustrations of the 19th century. The Museum is particularly interested in comparing field-notebook sketches with their published versions.

\*\*\*\*\*

Nancy F. Strader, Senior Picture Editor for Smithsonian Books, visited the USGS Field Records and Photographic Library, on October 15 as part of a cross-country field trip to a number of collections, looking for material to illustrate the Smithsonian's upcoming publication "Exploring the West." Ms. Strader was especially pleased to find photos by G.K. Gilbert taken during the 1899 Harriman Expedition to Alaska and Siberia, as well as photos taken during the Powell, Hayden, King and Wheeler surveys, and others. She was also excited to see sketches by W.H. Holmes and Hayden Survey maps housed in the Field Records collection. She noted that Field Records and Photographic Library collections were a "treasure trove" of material.

\*\*\*\*\*

The Reston Library received its first Interlibrary Loan request from the National Geological Library of the People's Republic of CHINA. We hope this will be the start of a mutually beneficial program.

\*\*\*\*\*

\* \* \* NOTICE TO USERS \* \* \*

If you wish to receive the New Information Resources, please send your request by return of the following coupon. Please mail it to Chief of Catalog Section, USGS Library System, National Center MS 950, Reston, VA 22092.

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If you wish to receive the New Information Resources, please send your request by return of the following coupon. Please mail it to Chief of Catalog Section, USGS Library System, National Center MS 950, Reston, VA 22092.

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**TO: Recipients of the USGS Library New Information Resources Lists**

Because of the many changes and the reorganization of various Divisions and Offices within the Geological Survey, please notify the Library at the address listed below of any address changes to be made and also any changes in the number of NIR Lists that are needed by your office.

Thank you

Chief of Catalog Section  
U.S. Geological Survey Library  
12201 Sunrise Valley Dr. MS 950  
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Reston, VA 22092

Libraries in the Geological Survey Library System are located in the Eastern, Central, and Western Regions. Personnel whose duty station is other than Reston, Denver, Menlo Park or Flagstaff, may borrow items by completing an Accessions List Loan Request form and mailing it to the Survey Library in their Region if the item is available there or to the nearest Survey Library holding the item if it is not. Personnel whose duty station is Reston, Denver, Menlo Park or Flagstaff should continue to request items as they are accustomed to doing.

If a library is unable to fill a request immediately because its copy of the item is charged out or otherwise unavailable for loan, the request will be forwarded to any Survey Library which may be able to supply a copy. If no copy is available for immediate loan, the requester's name will be placed on a waiting list and the publication dispatched as soon as it becomes available. Publications with a waiting list are loaned for two weeks only; those without are loaned for thirty days. If there is no waiting list, the loan period may be extended by contacting the lending library prior to the expiration of the loan period and requesting a renewal.

In filling out the Loan Request form, it is essential that requesters include their (1) Division/Office/Branch affiliation, (2) complete mailing address, and (3) phone numbers, both commercial and FTS. Typing or printing such information will help avoid unnecessary delays in processing requests. Loan Request forms will be found at the end of each List; they should be duplicated if additional copies are required. A separate form should be used for each item requested.

Questions regarding entries in the List or the information to be supplied on the Loan Request form should be referred to the Library located in the same Region as the requester's duty station.

| <u>Eastern Region</u>                    | <u>Central Region</u>            | <u>Western Region</u>                              |
|------------------------------------------|----------------------------------|----------------------------------------------------|
| Reston Library<br>(703) 648-4302<br>4303 | Denver Library<br>(303) 236-1000 | Menlo Park Library<br>(415) 323-8111,<br>ext. 2207 |
| FTS 959-4302<br>4303                     | FTS 776-1000                     | FTS 467-2207                                       |
|                                          |                                  | Flagstaff Library<br>(602) 527-7008                |
|                                          |                                  | FTS 765-7008                                       |

Suggestions and comments about this service are welcome and should be sent to:

Chief Cataloger  
U.S. Geological Survey Library  
950 National Center  
Reston, Virginia 22092

### NEW INFORMATION RESOURCES-LOAN REQUEST

Please type/print all information, using one form per request to expedite processing. If more convenient, you may attach a photocopy of the reference from New Information Resources. See reverse for USGS Library System addresses.

Your name: \_\_\_\_\_

Phone: \_\_\_\_\_

Division: \_\_\_\_\_

Commercial \_\_\_\_\_

Mailing address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FTS \_\_\_\_\_

Please send me the following item cited on page \_\_\_\_\_ in  
New Information Resources, \_\_\_\_\_ (issue date).

Author: \_\_\_\_\_

Title: \_\_\_\_\_

Call no. \_\_\_\_\_

(Your signature) \_\_\_\_\_

### NEW INFORMATION RESOURCES-LOAN REQUEST

Please type/print all information, using one form per request to expedite processing. If more convenient, you may attach a photocopy of the reference from New Information Resources. See reverse for USGS Library System addresses.

Your name: \_\_\_\_\_

Phone: \_\_\_\_\_

Division: \_\_\_\_\_

Commercial \_\_\_\_\_

Mailing address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FTS \_\_\_\_\_

Please send me the following item cited on page \_\_\_\_\_ in  
New Information Resources, \_\_\_\_\_ (issue date).

Author: \_\_\_\_\_

Title: \_\_\_\_\_

Call no. \_\_\_\_\_

(Your signature) \_\_\_\_\_

Personnel whose duty station is other than Reston, Denver, Menlo Park or Flagstaff, should mail the Loan Request to the Survey Library in their Region if the item is available there or to the nearest Survey Library holding the item if it is not.

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Reston, VA 22092

Library  
U.S. Geological Survey  
345 Middlefield Road  
Menlo Park, CA 94025

Library  
U.S. Geological Survey  
Box 25046, DFC, MS 914  
Lakewood, CO 80225

Library  
U.S. Geological Survey  
2255 N. Gemini Drive  
Flagstaff, AZ 86001

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Library  
U.S. Geological Survey  
2255 N. Gemini Drive  
Flagstaff, AZ 86001



(200)  
R29o  
no.83-405  
D,MP

Crock, J. G.  
Major, minor, and trace elements in  
samples from the Wheeler Wilderness  
Study Area, Colorado, as determined  
by inductively coupled argon plasma-  
atomic emission spectrometry / by  
J.G. Crock, W.H. Raymond, and F.E.  
Lichte. — (Denver, CO) : U.S.  
Geological Survey, 1983.  
1, 24 leaves : 28 cm. — (Open-  
file report / United States  
Department of the Interior,  
Geological Survey : 83-505)  
Chiefly tables.  
Bibliography: leaf 8.

(200)  
R29o  
no.83-405  
D,MP

Crock, J. G.  
Major, minor, and trace elements in  
... 1983. (Card 2)

I. Colorado--Mineral resources--  
Mineral County region. I. Raymond,  
William H. II. Lichte, F. E.  
III. Title IV. Series: Open-file  
report (Geological Survey (U.S.)) :  
83-405.

DI-GS 14 JUL 83 RJP

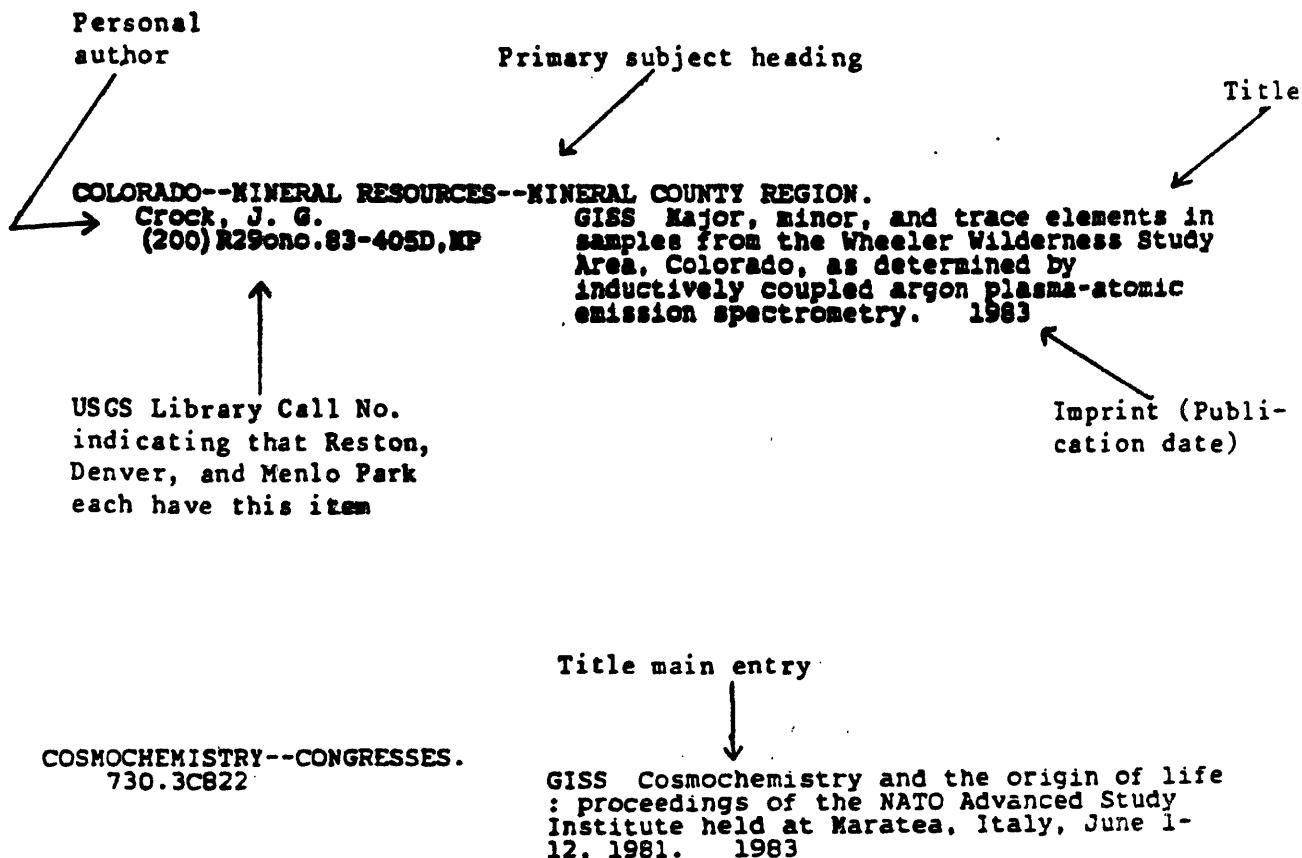
GISSat SEE NEXT CARD

DI-GS 14 JUL 83 RJP

GISSat

The above is a photocopy of a main entry card which is representative of the format arrangement appearing on cards filed in the Reston, Denver, Menlo Park and Flagstaff Library catalogs.

Appropriate information is selected and reformatted to produce subject-arranged entries similar to the following.



Additional explanation beyond that provided by the preceding examples seems appropriate.

Each entry consists of the following components which always appear in the order given: (1) Principal subject heading, always capitalized; (2) Main entry, which may be a personal author, corporate author, or title; (3) Title (if the main entry is either a personal or corporate author); (4) Imprint; (5) USGS call no., always located in the lower left and the last component in each entry.

The call number on catalog cards normally consists of two or more lines of a combination of letters and numbers, arranged in the following manner:

G(253)  
F46  
v.37  
no.4  
D,MP

In the Accessions List the same number appears in a straight line. There are no spaces to show where the call no. lines are broken on the catalog cards: G(253)F46v.37no.4D,MP

Call numbers prefixed with "M" indicate item is part of the map collection.

Call numbers prefixed with "R" indicate item is part of the Library's Reference collection. These items normally do not circulate.

Capital letter suffixes denoting which libraries (D = Denver, MP = Menlo Park, and F = Flagstaff), other than Reston, hold a particular item, follow the call no. and are set off from it by a space. Please note that no letter suffix is employed for Reston, which should be understood to hold the item unless otherwise indicated. In the call no. above, the Reston, Denver, and Menlo Park libraries each have this item.

If a library, other than Reston, is the sole holder of an item, the suffix statement will reflect that fact; for example: F only.

Occasionally an item will not be assigned a call no., receiving instead an alpha abbreviation, such as PAM = pamphlet or MICRO = microform. In such entries, that designation occupies the space normally set aside for the call no. When completing the Loan Request form, alpha abbreviations should be recorded on the call no. line.

An assessment of damage and casualties for six cities in the Central United States resulting from Earthquakes in the New Madrid Seismic Zone.  
[Washington, D.C.?] : The Project, 1985.  
240.2(200) As74

Beijing International Colloquium of Tunnelling and Underground Works (1984 : Peking, China). Tunnelling and underground works = Construction des tunnels et travaux en souterrain : Beijing International Colloquium, 21-27 October 1984. Oxford ; Elmsford, N.Y. : Pergamon Press, 1984.  
773 qAd95 v.4 no.4

Thackston, John W. Preliminary hydrologic budget studies, Indian Creek watershed and vicinity, Western Paradox Basin, Utah : technical report. Columbus, OH : The Office : Springfield, Va. ; available from N.T.I.S. ; 1986.  
P(200) En27onwi no.593

ACID DEPOSITION--ENVIRONMENTAL ASPECTS--NEW JERSEY.  
Faust, Samuel Denton. Sensitivity of the New Jersey environment to acid deposition. New Brunswick, N.J. : Center for Coastal and Environmental Studies, Rutgers, the State University of New Jersey, [1982]  
583(222) F275s

ACID MINE DRAINAGE--MATHEMATICAL MODELS.  
Uchida, Akira. Water quality modelling of mine acid drainage I : preliminary modelling. Buffalo : State University of New York at Buffalo, Dept. of Civil Engineering, [1977]  
S(221) Un3w no.77-2

ACID MINE DRAINAGE--MISSOURI.  
Parsons, John David. The effects of acid strip mine pollution on the ecology of a central Missouri stream. 1955.  
461.3(263) P254e

ACID PRECIPITATION (METEOROLOGY)--PENNSYLVANIA.  
Acid deposition : a Pennsylvania viewpoint. Pittsburgh, Pa. : Carnegie-Mellon University, [1984]  
583(223) Ac47

AGGREGATES (BUILDING MATERIALS).  
Aggregates : sand, gravel and crushed rock aggregates for construction purposes. London : Geological Society, 1985.  
G(520) L85e no.1

AIR FLOW--MATHEMATICAL MODELS.  
Gosink, Joan P. A Review of some models of katabatic flow. Fairbanks, Ala. : Geophysical Institute, University of Alaska, 1981.  
S(286) qUn3gr no.282

AIR--POLLUTION--ALASKA--FAIRBANKS.  
Gosink, Thomas A. Aspects of far-northern air pollution with particular reference to Fairbanks, Alaska. Fairbanks, Ak. : Geophysical Institute, University of Alaska, 1982.  
S(286) qUn3gr no.291

## AIR--POLLUTION--METEOROLOGICAL ASPECTS--CONGRESSES.

Kompleksnyi globalnyi monitoring zagriazneniia okruzhaiushchei prirodnoi sredy : trudy Mezhdunarodnogo simpoziuma, SSSR, Riga, 12-15 dekabria 1978 g. Leningrad : Gidrometeoizdat, 1980.  
583 K836

## ALABAMA--MINERAL RESOURCES.

Summary report on the mineral resources of southwest Alabama. Tuscaloosa, Ala. : Geological Survey of Alabama, 1986.  
(235) qA5is no.65

## ALASKA--GEOLOGY--ANCHORAGE B-6 NW QUADRANGLE--MAPS.

Updike, Randall G. Preliminary geologic map of the Anchorage B-6 NW (Eklutna Lake) quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1983.  
M(286) R298 no.83-8 MP

## ALASKA--GEOLOGY--ANCHORAGE B-8 NE QUADRANGLE--MAPS.

Reger, R. D. Geologic and materials maps of the Anchorage B-8 NE quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An22ne

## ALASKA--GEOLOGY--ANCHORAGE B-8 NW QUADRANGLE--MAPS.

Reger, R. D. Geologic and materials maps of the Anchorage B-8 NW quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An22nw

## ALASKA--GEOLOGY--ANCHORAGE C-2 QUADRANGLE--MAPS.

Preliminary geologic map of parts of the Anchorage C-2, C-3, D-2, and D-3 quadrangles, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1983.  
M(286) R298 no.83-10 MP

## ALASKA--GEOLOGY--ANCHORAGE C-7 SE QUADRANGLE--MAPS.

Daniels, C. L. Geologic and materials maps of the Anchorage C-7 SE quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An23se

## ALASKA--GEOLOGY--ANCHORAGE C-7 SW QUADRANGLE--MAPS.

Daniels, C. L. Geologic and materials maps of the Anchorage C-7 SW quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An23sw

## ALASKA--GEOLOGY--ANCHORAGE C-8 SE QUADRANGLE--MAPS.

Reger, R. D. Geologic and materials maps of the Anchorage C-8 SE quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An22se

## ALASKA--GEOLOGY--ANCHORAGE C-8 SW QUADRANGLE--MAPS.

Reger, R. D. Geologic and materials maps of the Anchorage C-8 SW quadrangle, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1981.  
M(286) 2 An22sw

## ALASKA--GEOLOGY--BETHEL D-2 QUADRANGLE--MAPS.

Murphy, J. M. Compilation of geologic data from the Bethel D-2 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984.

M (286) R298 no.84-28

## ALASKA--GEOLOGY--BETHEL D-3 QUADRANGLE--MAPS.

Decker, John E. Compilation of geologic data from the Bethel D-3 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984.

M (286) R298 no.84-18

## ALASKA--GEOLOGY--COOK INLET REGION.

Geologic studies of the Lower Cook Inlet COST No. 1 well, Alaska Outer Continental Shelf. [Reston, Va.?] : Dept. of the Interior, U.S. Geological Survey, 1986.

(200) E no.1596

## ALASKA--GEOLOGY--FAIRBANKS D-2 QUADRANGLE--MAPS.

Bundtzen, Thomas K. Geologic mine map, Grant gold mine, Fairbanks mining district, Alaska. [Anchorage, AK] : Alaska, Division of Geological & Geophysical Surveys, [1981].

(286) Of no.141

## ALASKA--GEOLOGY--HEALY A-2 QUADRANGLE--MAPS.

Smith, Thomas Edward. Geologic map of the Healy A-2 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984.

M (286) R298 no.84-14

## ALASKA--GEOLOGY--IDITAROD A-5 QUADRANGLE--MAPS.

Reifenstuhl, R. R. Compilation of geologic data from the Iditarod A-5 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984.

M (286) R298 no.84-17

## ALASKA--GEOLOGY--IDITAROD D-1 QUADRANGLE--MAPS.

Bundtzen, Thomas K. Geologic map of the Iditarod D-1 quadrangle, Alaska. [College, Alaska?] : Division of Geological and Geophysical Surveys, 1983.

M (286) 2 Id3b

## ALASKA--GEOLOGY--LIVENGOOD C-4 QUADRANGLE--MAPS.

Allegro, G. L. Geology of the Old Smoky prospect, Livengood C-4 quadrangle, Alaska. [Anchorage, Alaska] : State of Alaska, Dept. of Natural Resources, Division of Geological and Geophysical Surveys, [1984].

(286) qR298 no.84-1

## ALASKA--GEOLOGY--MCGRATH A-3 QUADRANGLE--MAPS.

Gilbert, Wyatt G. Preliminary geologic map of McGrath A-3 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1983.

M (286) R298 no.83-7 MP

## ALASKA--GEOLOGY--MCGRATH D-6 QUADRANGLE--MAPS.

Bundtzen, Thomas K. Geologic map of the McGrath D-6 quadrangle, Alaska. [College, Alaska?] : Division of Geological and Geophysical Surveys, 1983.

M (286) 2 M178b

## ALASKA--GEOLOGY--MELOZITNA A-4 QUADRANGLE--MAPS.

Dillon, John Thomas. Geologic map of the Melozitna A-4 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1983. M(286) R298 no.83-18 MP

## ALASKA--GEOLOGY--RUSSIAN MISSION A-3 QUADRANGLE--MAPS.

Decker, John E. Compilation of geologic data from the Russian Mission A-3 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984. M(286) R298 no.84-19

## ALASKA--GEOLOGY--SEWARD PENINSULA--MAPS.

Robinson, Mark S. Geologic map of the Seward Peninsula, Alaska. [Fairbanks, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1984. M(286) 2 Se87b

Robinson, Mark S. Geologic map of the Seward Peninsula, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1983. M(286) R298 no.83-20 MP

## ALASKA--GEOLOGY--SLEETMUTE A-5 QUADRANGLE--MAPS.

Decker, John E. Compilation of geologic data from the Sleetmute A-5 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984. M(286) R298 no.84-29

## ALASKA--GEOLOGY--SLEETMUTE A-6 QUADRANGLE--MAPS.

Geologic map of the Sleetmute A-6 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984. M(286) R298 no.84-8

## ALASKA--GEOLOGY--SLEETMUTE A-7 QUADRANGLE--MAPS.

Decker, John E. Compilation of geologic data from the Sleetmute A-7 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1985. M(286) R298 no.85-1

## ALASKA--GEOLOGY--SLEETMUTE B-5 QUADRANGLE--MAPS.

Geologic map of the Sleetmute B-5 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984. M(286) R298 no.84-10

## ALASKA--GEOLOGY--SLEETMUTE B-6 QUADRANGLE--MAPS.

Geologic map of the Sleetmute B-6 quadrangle, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984. M(286) R298 no.84-12

## ALASKA--GEOLOGY--SURVEY PASS QUADRANGLE--MAPS.

Adams, David D. Geologic map of the northern contact area of the Arrigetch Peaks Pluton, Brooks Range, Alaska. [College, Alaska] : Alaska, Division of Geological & Geophysical Surveys, 1983. M(286) 2 Ar68a

## ALASKA--GEOLOGY--TAYLOR MOUNTAINS D-4 QUADRANGLE--MAPS.

Reifenstuhel, R. R. Compilation of geologic data from the Taylor Mountains D-4 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1985. M(286) R298 no.85-2

**ALASKA--GEOLOGY--TAYLOR MOUNTAINS D-7 QUADRANGLE--MAPS.**

Decker, John E. Compilation of geologic data from the Taylor Mountains D-7 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1985.  
M(286) R298 no.85-3

**ALASKA--GEOLOGY--TAYLOR MOUNTAINS D-8 QUADRANGLE--MAPS.**

Reifenstuhel, R. R. Compilation of geologic data from the Taylor Mountains D-8 quadrangle, southwestern Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1985.  
M(286) R298 no.85-4

**ALASKA--GEOLOGY--UNALASKA ISLAND--MAPS.**

Nye, C. J. Geologic map of the Makushin geothermal area, Unalaska Island, Alaska. [Fairbanks, AK] : Alaska Division of Geological & Geophysical Surveys, 1984.  
M(286) R298 no.84-3

**ALASKA--GEOLOGY--WISEMAN QUADRANGLE--MAPS.**

Dillon, John T. Generalized geologic map of the Wiseman quadrangle, Alaska. [Reston, Va.] : U.S. Geological Survey, 1986.  
M(286) 2 W755d -- (200) R290 no.86-219 -- (200) R290 no.86-219

**ALASKA--MINERAL RESOURCES--MAPS.**

Arctic Environmental Information and Data Center (Alaska). Mineral terranes of Alaska, 1982. [Anchorage] : The Center, 1982.  
M(286) 4 1982a

**ALASKA--MINERAL RESOURCES--PETERSBURG REGION--MAPS.**

Tripp, R. B. Mineralogical map showing the distribution of selected minerals in nonmagnetic fraction of heavy-mineral concentrates from stream sediments, Petersburg area, southeast Alaska. [Reston, Va.] : U.S. Geological Survey, 1983.  
M(286) 4 P442t -- (200) R290 no.83-420-X -- (200) R290 no.83-420-X

**ALUNITE.**

Large scale laboratory tests on calcination and reduction of granulated alunites in vat ovens = Ukpupnenno-laboratornye ispytaniia obzhiga i vosstanovleniia granulirovannykh alunitov v shakhtnoi pechi. 1976.  
439 L324uE D only

**AMMONOIDEA.**

Birkelund, Tove. The Kimmeridgian ammonite faunas of Milne Land, central East Greenland. København : Grønlands geologiske undersøgelse, 1985.  
(980) G8b no.153

Chlupáč, Ivo. Devonian goniatites from the Barrandian area, Czechoslovakia. Praha : Vydal Ústřední ústav geologický v Akademii, 1983.  
(532) qR sv.46

**ANDES--GEOLOGY--MAPS.**

Mégard, François. Carte géologique des Andes du Pérou central = Mapa geológico de los Andes del Perú central. Bondy, France : Office de la recherche scientifique et technique outre-mer, 1978.  
M(450) 2 F84a D MP

## ANISOTROPY.

Stammes, Knut. On the discrete ordinate method for radiative transfer calculations in anisotropically scattering atmospheres : intensity computations. Fairbanks, Ak. : Geophysical Institute, University of Alaska, 1981.

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