

Public-data File 86-41

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS
MONTHLY REPORT FOR FEBRUARY 1977

By

Staff

Alaska Division of
Geological and Geophysical Surveys

June 1986

THIS REPORT HAS NOT BEEN REVIEWED FOR
TECHNICAL CONTENT (EXCEPT AS NOTED IN
TEXT) OR FOR CONFORMITY TO THE
EDITORIAL STANDARDS OF DGGs.

794 University Avenue, Basement
Fairbanks, Alaska 99709

RESOURCE INVESTIGATION

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: March 1, 1977

FILE NO:

TELEPHONE NO:

FROM: Don L. McGee *dlm/plc*
Petroleum GeologistSUBJECT: Monthly Report
FebruaryA. ConsultationsB. Conferences

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1. U.S. Bureau of Mines (D'Arcy Bannister)	Feb. 9-10	Discussion of oil shale in Alaska	
2. Consultant (Gary Player)	Feb. 14	Discussed coal beds near Fairwell	
3. Industry (Al Scouler)	Feb. 21-22	Discussed Open-file #50 and modifications	

C. Research1. Accomplishments

1. Examined the debris slide 2 miles east of the Old Highway bridge on Matanuska River. Preparing a brief study on this subject.
2. Preparing Open-file Report 107E - Bedrock Geology of an Area in the Susitna Valley.
3. Literature studies and summation and preparation for summer field projects.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: February 28, 1977

FILE NO:

TELEPHONE NO:

FROM: G.H. Pessel *CP*
Petroleum Geologist

SUBJECT: Monthly Report

Conferences

<u>Agency</u>	<u>Date</u>	<u>Topic</u>
U.S. Geological Survey Houston, Texas	Feb 7	review of geophysical interpretation on NPRA with I.L. Tailleux, C.H. Selman, and Tetra Tech
U.S. Bureau of Mines D'Arcy Bannister	Feb 10	availability of oil shale information on North Slope

Research

1. Work continuing on Sheenjeck-Coleen report for Div. of Lands
2. Started preparations with John Dillon for Brooks Range project next summer.

Publications

1. North Slope subsurface report still awaiting completion by USGS
2. Started work on preparation of Angayuchum report of C.E. Fritts. Preliminary drafting work and preparation of text have been started.

Miscellaneous

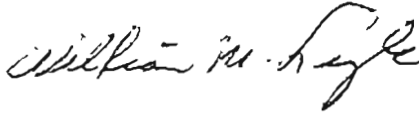
1. Vacation: Jan 31-Feb 4
2. Preparing short paper publication on karst topography in Jade Mountains.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: March 1, 1977



FILE NO:

TELEPHONE NO:

FROM: William M. Lyle
Petroleum GeologistSUBJECT: Monthly Report
2/1/77-2/28/77A. Consultations

I. Federal

	<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1.	U.S.G.S.	2/10/77	Joint Summer Project	agree on general format
2.	Corps of Engineers	2/10	Pipeline	
3.	Corps of Engineers (Charles Welling)	2/17	Size of Alaska	Size of State
4.	U.S.G.S. Hugh McClone		Field Work Unimak Is.	
5.	U.S.G.S.	2/16	Speech Request	
6.	U.S. Fish & Game	2/22	Needed info. on Alaskan Peninsula (8 MCN May-Aug.)	
7.	Alaska Planning Group	2/25	Plans to go to Alaskan Peninsula	

II. State

III. Other

1.	Woodward & Clyde	2/3	NPR#4 data	sent to card file U.S.G.S.
2.	Jim Cowan	2/8	Open-file report #104	
3.	John Moran	2/8	Open-file report #104	instruction on purchase place

III. Other (cont.)

4. Mickey Payne	2/10	Sample forms	Returned to State
5. John Bolm	2/17	Kodiak Report	Ok by R. Schaff
6. George Sornen	2/23	Questions on Open-file rept. #104	Answered
7. Don Canada	2/24	Questions on Open-file rept. #104	Answered
8. Don Johnson		Living quarters and move in full	
9. Gene Jensen		Gas Reserves	Referred him to available data
10. Bob Borland		Reeve	Move in fuel and supplies

B. ConferencesC. Research

1. Accomplishments

1. Kodiak-Sitkanak-Chirkof Report: 1st draft
2. Alaska Peninsula: Arrange for summer work

D. Status of Reports and Publications

<u>Report (title)</u>	<u>Date</u>	<u>Comments</u>
1. Kodiak-Sitkanak-Chirkof	March 1	May 1 - final draft
2. Western Cook Inlet	March 1	Sales of over 100 copies

E. Miscellaneous

Field check on recent slide on Kinik Road.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: John Dillon
GeologistSUBJECT: Monthly report - February 7
through February 25

A. Consultations

1. State

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1. ADGGS, Gar Pessel	2/14	Brooks Range economic geology and state land selections.	Initiated plans to conduct field investigations in land tentatively selected by the state and adjoining D-1 lands where ore deposits are suspected to occur.

C. Research

1. Accomplishments

1. Read several reports and maps on the geology of the Brooks Range.

E. Miscellaneous

1. Set up office at ADGGS offices in Resources Building, University of Alaska.

MEMORANDUM

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

State of Alaska

TO: Ross G. Schaff
State Geologist

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: Gilbert R. Eakins *GRE*
Chief Mining GeologistSUBJECT: Monthly report - January 26
through February 25, 1977

A. Consultations

<u>Agency</u>	<u>Date</u>	
1. Ron Seardown, Great Land Exploration	1/31	Mineral exploration in Alaska.
2. Dave Purkey (miner)	2/1	Arranging for field work in Alaska Range.
3. Rod Ellis (applicant for hydrologist position)	2/9	Discussed DGGGS work and gave Rod a tour of offices.
4. Russell Schultz	2/15	Assisted in getting maps and reports on the Livengood quadrangle for mineral exploration.

B. Conferences

1. Program planning with Ross Schaff and staff	1/25	Field projects and helicopter needs scheduled.
2. Attended Alaska Miners Association meeting	1/31	Discussion of BLM regulations.
3. BLM meeting on new regulations	2/3	Report on meeting submitted to Ross Schaff.
4. Division of Lands meeting on state land selections	2/9	Heard presentations by Mike Smith and Dave Hanson. Visited with Bob Kline and Hanson.
5. Planning meeting with Ross Schaff and staff	2/17	Reviewed programs and Division-related topics.

C. Research

1. Reviewing Gordon Herreid's map and report on the Craig A-2 quadrangle.
2. Acquiring maps, reports, and aerial photos for field programs.

D. Status of reports

1. ERDA report text back from the printers. ERDA has requested 100 copies. Still waiting on McCauley's who had to special order on the paper to print the maps.
2. Considerable time will be required to get Herreid's report ready.

MEMORANDUM
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

State of Alaska

TO: Ross G. Schaff
 State Geologist

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: Richard D. Reger *RDR*
 Geologist

SUBJECT: Monthly report - January 25
 through February 25, 1977

A. I was involved in the following consultations during the period January 25 through February 24, 1977:

1. (1/26) - Attended interview with Rod Ellis and Jim Aldrich for hydrologist position.
2. (1/31) - Discussed surficial geology of Tok area with Meg Hayes (ADL).
3. (2/7) - Discussed status of Fairbanks geologic hazards contract and re-printing INQUA guidebook with Troy L. Péwé (ASU).
4. (2/7) - Contacted C.B. Schultz for permission to reprint INQUA guidebook.
5. (2/9) - Talked with Rod Ellis about hydrologist position.
6. (2/9) - Agreed to request by Tony Gasbarro (UAF) to lecture on role of geologist in land-use planning (March 16).
7. (2/9) - Discuss mapping of MatSu Basin and Chugach State Park with Hank Schmo11 (USGS).
8. (2/11) - Talk with Larry Mayo (USGS) re our support and requirements for glacial hazards evaluation.
9. (2/11) - Discussed radiocarbon dates along Turnagain Arm with Doug Reger (Div. of Parks).
10. (2/14) - Talked with Meg Hayes (ADL) re Goose Island gravel project and location of Tok sanitary landfill.
11. (2/17 - 2/18) - Discuss Tok sanitary landfill location with Meg Hayes (ADL).
12. (2/23) - Advised Veronica Clark (Dept. Community and Regional Affairs) re geologic hazards in Bluff Point near Homer.

B. I conducted research on the following projects during the period January 25 through February 24, 1977:

1. Mapping surficial geology of southern Kenai Lowlands.

C. Status of reports and publications:

1. Continuing photo interpretation of southern Kenai Lowlands for DNR Planning and Research Section. Plan to finish in 4-6 weeks. Jeff Kline has completed slope map of area.

February 25, 1977

2. Still waiting for letter of authorization to reprint INQUA guidebook from Bert Schultz of the Nebraska Academy of Sciences. Have received verbal permission. Received preface for reprinting from Troy Péwé and waiting for cover photo. Frank Larson has sent out printing specifications. Plan to send in for printing in about two months.
 3. ERTS mosaic of Alaska should be assembled by Katie Munson by end of next week. Frank Larson has sent out printing specifications for the 1:1,000,000 edition. Rather than write the specs for the 1:2.5 million (Series E) size, we are going to have a positive print made first, using the negative provided by the Geophysical Institute, and see how it looks.
 4. Completed book review of The Periglacial Environment by H.H. French to be published in forthcoming issue of Arctic and Alpine Research.
- D. Miscellaneous
1. Training of Cheri Carver in geologic hazards and the airphoto interpretation course (Cheri, Gil Eakins, Jeff Kline, and Greg Laird) are proceeding on schedule. This training is taking between 20% and 30% of my time.
 2. Jeff Kline completed indexing the ADGGS photo collection for the following quadrangles: Anchorage, Talkeetna Mountains, Lime Hills, McGrath, Iliamna, and Lake Clark. We are filling requests for in-stock photos from ADGGS geologists. Jeff will have the following quads indexed by the end of next week: Cold Bay, Chignik, Port Moller, False Pass, Stepovak Bay, and Ugashik.
 3. (1/24 - 29/77) - Jeff Kline attended the Remote Sensing Short Course given by the USGS EROS Data Center and the University of Alaska Geophysical Institute in Anchorage. This short course was included in the 12th Annual Alaska Surveying and Mapping Convention sponsored by the American Society of Photogrammetry, the American Congress on Land Surveying and Mapping, and the Alaska Society of Professional Land Surveyors.
 4. Jeff has been accepted for enrollment in the Emergency Medical Technician-Ambulance course being taught from March 7 to 25. This intensive course in emergency medical care is tuition free and is being offered to a restricted number of applicants by the Emergency Medical Services Council. Jeff plans to pass the knowledge gained on to the rest of us in future short courses.

MEMORANDUM

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

State of Alaska

TO: Ross G. Schaff
State Geologist

DATE: February 25, 1977

RECEIVED

FILE NO:

FEB 28 1977

TELEPHONE NO:

Div. of Geological Survey
AnchorageFROM: Wyatt G. Gilbert *WGB*
Mining GeologistSUBJECT: Monthly report January 25
through February 25, 1977

A. Consultations

I. State

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1. ADL	2/12 2/14	Participated in Delta Citizens Council meeting and with working committee of Delta planning team.	Completed final recommendation for Delta plans.

II. Federal

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1. USGS	2/10	Discussed logistics of Lake Clark project with Bruce Reed.	
2. USGS	2/14	Received correspondence from Irv Tailleux and C. Mayfield about Ruby Ridge project.	

III. Other - None.

B. Conferences, symposia, etc. attended - None.

C. Research

1. Accomplishments

1. Completed review of D-1 thin sections, prior to more detailed study.
2. Continued completion of geology of north flank of central Alaska Range.

D. Status of reports and publications

<u>Report (title)</u>	<u>Transmitted to:</u>	<u>Date</u>	<u>Comments</u>
1. General geology and geochemistry of Healy D-1 and Fairbanks A-1 quadrangles, Alaska. AOF-105.	Editor	2/25	Completed this open-file report.

Ross G. Schaff

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February 25, 1977

E. Miscellaneous

Met with conservation and sportsmen's groups in Fairbanks on February 24, 1977 and discussed D-2 issues.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

DATE: March 4, 1977

TO: Ross G. Schaff
State Geologist

FILE NO:

TELEPHONE NO:

FROM: Jim Riehle
Geological Engineer *JRR*SUBJECT: Monthly Report
Feb. 1 - March 1, 1977A. ConsultationsFederal

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1. Bruce Molnia, USGS (Menlo Park)	2/8/77		Discussed logistical details of field project in NE Gulf - Pr. Wm. Sound.
2. Arnold Bouma (Menlo Park) and John Bolm (Anch.), U.S.G.S.	2/18		Discussed USGS field efforts (onshore and offshore) in Kodiak Is. area this summer.

State

1. DNR Planners	2/17	Icy Bay	Reviewed our report, in preparation for Planners' meeting with Bomhof & Assoc.
2. Veronica Clark, CRA	2/18	Pr. Wm. Sound	Solicited their suggestions as to potential areas of interest in Pr. Wm. sound.

Other

1. Miles Hayes	2/15		Discussed Hayes' proposed field efforts in Pr. Wm. Sound and Kodiak area for this summer.
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Conferences

Attended BLM public hearing (1/2 day) on proposed regulations dealing with surface impact of mining operations. (2/8/77)

C. Research

1. Air photo interpretation, English Bay S and E to Nuka Passage (Kenai Peninsula), is about 75% completed.
2. Air photo interpretation, Pr. Wm. Sound, begun in preparation for field efforts there with USGS this spring.

D. Status of Reports

1. Comments on potential evaluation of damsite at Eyak Lake, Power Creek (Cordova), completed.
2. Consultations with USGS, BLM, and CRA on nature of field activities on Kodiak Is. completed; report to DNR Planners remains to be written.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

TO: Ross G. Schaff
State Geologist

DATE: March 4, 1977

FILE NO:

TELEPHONE NO:

FROM: Mitch Henning *MH*
Mining Geologist

SUBJECT: Monthly Report
Feb. 1 - March 1

A. Consultations

George Zimmer - Private placer miner, discussed his claims on Quartz Creek.

Mike Turner - Private placer miner, Hope district.

B. Projects

1. Talkeetna Mountains Map published as AOF 103.
2. Kamuti Flats ADL evaluation, finished literature search and have started map compilation.
3. Lab rerunning tin-tungsten analysis for Circle land evaluation.
4. Preparing base maps for Alaska Peninsula project.
5. Working on areophoto interpretation of Anchorage C-5 quadrangle (Wolverine complex).

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: March 4, 1977

FILE NO:

TELEPHONE NO:

FROM: Steve Hackett
GeophysicistSUBJECT: Monthly Report
Feb. 1 - March 1, 1977A. Consultations

	<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
1.	DGGS (Laird & Cole)	1/1-1/3	Geophysical projects	completed and evalu- ated assigned projects
2.	USGS (Grybeck)	1/4	Brooks Range aeromag	defined future plans summarized projects
3.	USGS (Mayfield)	1/14	Ambler River quad	received geologic map, discussed geophysical needs & requirements
4.	DGGS (Dillon)	1/14	Brooks Range	discussed and summar- ized geology-geophys- ical data
5.	DGGS (Schaff)	1/23	Geophysical budget	defined budget needs and requests
6.	Univ. (Bruhm)	1/24	Southcentral Alaskan tectonics	outlined potential data needs in Cook Inlet region

B. Research

1. Brooks Range Geophysical
 - completed "Aeromagnetic Index Map of Northern Alaska"
 - spectrally colored 1:250,000 aeromag maps of southwestern Brooks Range
 - finalized the compilation of aeromagnetic maps of southwestern Brooks Range, Alaska and submitted for final drafting.
 - started geophysical interpretation of Ambler River quadrangle.
 - need to reduce and process other geophysical and geological data acquired during the 1976 field season
2. Talkeetna-Kashwitna-Susitna geophysical
 - new simple Bouguer anomaly (SBA) values are calculated
 - need to re-contour and tabulate values before open-filing maps

3. N. Flank-Alaska Range geophysical
-need to reduce 1976 field data
4. L. Cook Inlet-Tuxedin Bay geophysical
-calculating and reducing 1976 field data
5. Alaskan Peninsula geophysical
-planning for 1977 field season
6. Geophysical computer project
-E203 (gravity reduction project) is about up-dated...waiting for info. from D. Barnes USGS to assist J. Baxandall.

C. Status of Reports and Publications

1. Geologic Report 49 --- final publication and maps on the way to a vendor.
2. Aeromagnetic Index Map of Northern Alaska --- released to public through open-file system AOF #106.
3. Aeromagnetic Map of Southwestern Brooks Range --- finalizing drafting before going to vendor and releasing to public as Geologic Report 56.
4. Ruby Ridge Geologic Report --- final figures are being drafted and text has been reviewed.
5. Aeromagnetic Map of Ambler River Quadrangle --- is being drafted (USGS AMRAP format and style).

D. Miscellaneous

1. Started a weekly discussion period to review recent papers on Alaskan geology. First paper to be discussed in the Anchorage office was: "Tectonic implications of a late Paleozoic volcanic arc in the Talkeetna Mountains, southcentral Alaska" by Bela Csejtey, 1976.

MEMORANDUM

State of Alaska
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

TO: Ross G. Schaff
 State Geologist

DATE: March 7, 1977

FILE NO:

TELEPHONE NO:

FROM: Mark Howland *MH*
 Geologic Assistant II

SUBJECT: Monthly Report
 Feb. 1 - March 1

A. Consultations

<u>Agency</u>	<u>Date</u>	<u>Topic</u>	<u>Results</u>
<u>Federal</u>			
1. USGS	2-23-77	Summary of Federal, State and Local Government Water Resources programs	Data requirements and priorities of agencies
<u>Other</u>			
1. Consultant	2-7	Army Corps of Engineers environmental evaluation of Kenai River mouth	Source of water quality data

B. Status of Reports

North Kenai open-file report outlined. Still in process of cleaning up ground water data base with USGS.

PUBLICATIONS

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYSTO: Ross G. Schaff
State Geologist

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: Frank Larson *FL*
Publications SpecialistSUBJECT: Monthly report
January 26 through February 25

The following efforts were achieved during the month of February 1977:

EDITORIAL

- Collated, edited, proofed, and pasted up Mines & Geology Bulletin.
- Wrote Purchase Requisitions for the following:
 - Plates for Geologic Report 45 (Bond).
 - Plates for Geologic Report 49 (Hackett).
 - Plates for Geologic Report 50 (Gilbert).
 - INQUA booklet (Reger).
 - ERTS map.
- Completed stripping of ERDA report (Eakins).
- Submitted ERDA report for vendor, received same. (Now awaiting completion of plates for shipment of entire report to ERDA.)

TYPING

- Completed Mines and Geology Bulletin (both rough drafts and composer).
- Completed Geologic Report 49 on composer.
- Completed Geologic Report 50 on composer.
- Completed ERDA report.
- Typed miscellaneous memos and letters.

CARTOGRAPHY (COLLEGE)

- Began plate for Geologic Report 46 (Stout).
- Completed plate for Geologic Report 50.
- Did minor lettering on plate for Geologic Report 57 (Bundtzen).
- Completed 2 plates and 11 figures for Special Report 8 (Conwell).

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

Monthly Work Report

Month of February 1977

	Fairbanks	Anchorage	Juneau	Ketchikan	Total
1. Visitors	12	57	10	18	97
2. Annual reports	5		1		6
3. Miscellaneous papers	6	10		5	21
4. Miscellaneous publications	24	13	1	5	43
5. Requests for information received by mail	85	30	16	2	133
6. Requests for information received by phone	16	43	7	8	74
7. Rock samples	2				2
8. Bibliographies	13				13
9. Geologic & Geochem reports	115	56			171
10. Information circulars	241	73	30	15	359
11. Laboratory notes & reports	25	3	1		29
12. Aeromag maps	152	32			184
13. Special reports	22				22
14. Open file listing					
15. Letters	4				4
16. Monthly Mines Bulletin	2			3	5
17. AOF's	2	40			42
18. Xeroxing (pgs.)	51		200		251
19.					
20.					

MINERAL LABORATORY

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

WEEKLY LABORATORY WORK SUMMARY

for the week of 2-1 to 2-15

	Public Samples	Geochem. Samples	Division* Samples
Backlog from last week	305		
Submitted during week	16		
Completed during week	34	183 (2,013)**	35 (208)**
Cumulative completed since January 1	36	549 (2,478)**	36 (209)**
Backlog at end of week	287		

Remarks:

RECEIVED

FEB 17 1977

Div. Of Geological Survey
Anchorage

Signed Mona Robinson Date February 16, 1977

*Division and other samples or special investigations not formally reported.
 **Individual determinations, including optical emission spectrography, x-ray diffraction and emission, microscopic work, etc.

MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

TO: Ross Schaff
State Geologist
Anchorage

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: Donald Stein
D.S. Assayer
College

SUBJECT: Monthly Report for February 1977

1. Atomic absorption IM-6D arrived from Sunnyvale, California. Operational modes satisfactory except for cal. set which reads -1 to -2 instead of 0 and the photomultiplier gain reading which malfunctioned. Pulling PC boards, cleaning edges, and checking amplifiers corrected the malfunction, but the cal. set reading will have to be adjusted to zero with a digital voltmeter.
2. The water chiller hasn't arrived as yet to complete Nam's lab set up in the Resources Building, but tentative arrangements coordinate moving of X-ray equipment, arrival of X-ray service man, installation of chiller equipment, etc., the week of March 21-25.
3. Acquainted myself with FY 78 budget to attend budget committee hearing in Anchorage and answer possible questions as per discussion with Ross.
4. Personnel are generally on time for work. Hired Russ Schultz as a temporary. No personnel problems.

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

WEEKLY LABORATORY WORK SUMMARY

for the week of 2-16 to 2-28

	Public Samples	Geochem. Samples	Division* Samples
Backlog from last week	287		
Submitted during week	6		
Completed during week	65	5 (84)**	0 (0)**
Cumulative completed since January 1	101	554 (2,562)**	36 (209)**
Backlog at end of week	228		

Remarks:

Signed Mona Robinson Date March 1, 1977

*Division and other samples or special investigations not formally reported.
 **Individual determinations, including optical emission spectrography, x-ray diffraction and emission, microscopic work, etc.

REGULATION AND INFORMATION

MEMORANDUM

State of Alaska


DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

TO: Ross G. Schaff
State Geologist

DATE: February 25, 1977

FILE NO:

TELEPHONE NO:

FROM: Cleland N. Conwell 
Mining Engineer

SUBJECT: Monthly report - January 25
through February 25, 1977

A. Consultations

1. State

Agency	Date	Topic	Results
1. Laws (Attorney General)	2/24	Regulations	Froehlich will obtain Martin's signature and we will advertise the proposed changes on 11 AAC 44.007, 44.008, 44.009, 44.014, 44.016.

B. Conferences

Date	Location	Topic	Comments
1. 1/31 - 2/2/77	Tucson, Arizona	Land use planning and taxation	It was a most interesting conference, summarizing taxes by western states on the mining industry. E.P.A. regulations were presented as a tax. Exportation of taxes to another state was discussed.

D. Status of reports

1. Special Report 3, Chignik-Herenden Bay Coal	Plates are nearly completed.
2. Cook Inlet Coals	Preparation of report in progress - Paper for C.G.A. - Vancouver.

Vacation.

RECEIVED

FEB 28 1977

Div. of Geological Survey
Anchorage, Alaska

DIVISION OF GEOLOGICAL SURVEY

MONTHLY CENTRAL RECORDING WORK SUMMARY

For Period Ending 2-24-77

	Claim Loc. Notices		Affidavits Of Labor		Deeds	Misc.	Total	
	Doc.	Clms.	Doc.	Clms.	Doc.	Doc.	Doc.	Clms.
Backlog	62	62	56	491	26	27	171	553
Received	961	961	87	1,592	15	23	1,086	2,553
Processed	1,019	1,019	140	2,076	41	50	1,250	3,095
Backlog	4	4	3	7	-0-	-0-	7	11
Cumulative received since Jan. 1	1,474	1,474	240	3,645	50	64	1,828	5,119
Cumulative processed since Jan. 1	1,570	1,570	369	5,781	87	86	2,112	7,351

REMARKS: Miscellaneous activities during the month ending February 24 include:
Finished sorting all remaining mining documents into karex order and are ready for microfilming. Did the yearly activity report - consists of 99 pages of computer forms, we are holding this report until we receive the new microfiche to check for any corrections which need to be made, some of the coordinates were dropped on the last film.

Bureau of mines completed their xeroxing, Jim Barker said he might have the overlays completed in a couple of weeks.

Ron Sheardown of Greatland Exploration spent two days xeroxing and researching claims in the Bendleben quadrangle. WGM, 2 days, xeroxed 1450 pages claim location notices in DeLong Mtns and Mt. Hayes quads. Five employees of Cominco American, Inc. of Spokane, Washington were in researching claim information in DeLong Mtns, Mt. Hayes and the Seward Peninsula.

Prepared a short article on the Microfiche for inclusion in the Mines Bulletin.

Cleland Conwell, Carole and I visited offices of the Bureau of Land Management this morning. Bo Hinkley explained their system and showed us some of the land status plats.

Other activities per attached sheet.

Signed *Richard E. Brown*
Mining Information Specialist

ACTIVITY REPORT

Mining Information Section

2-24-77

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Xeroxing 459 pages

Number of visitors 85