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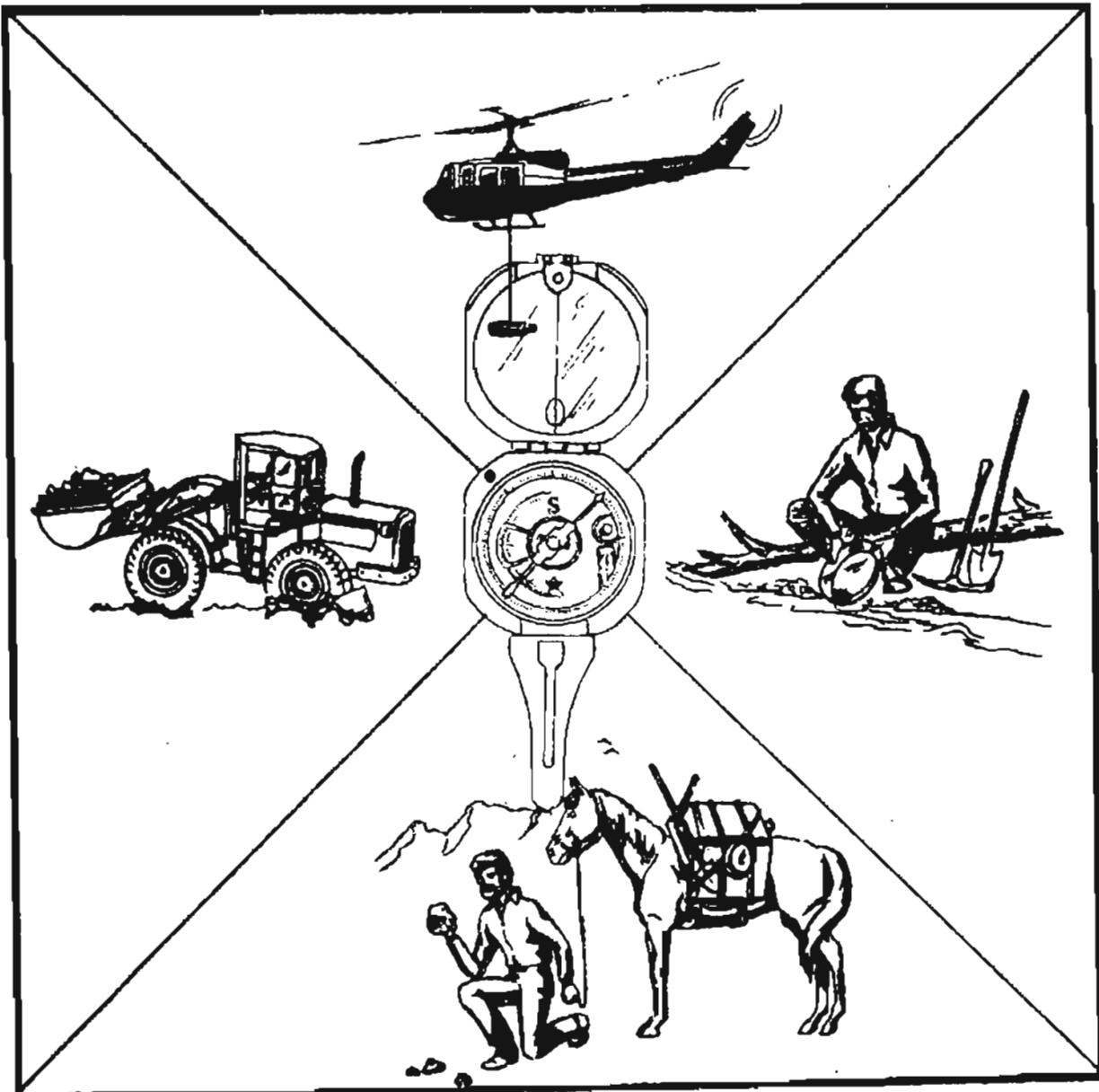
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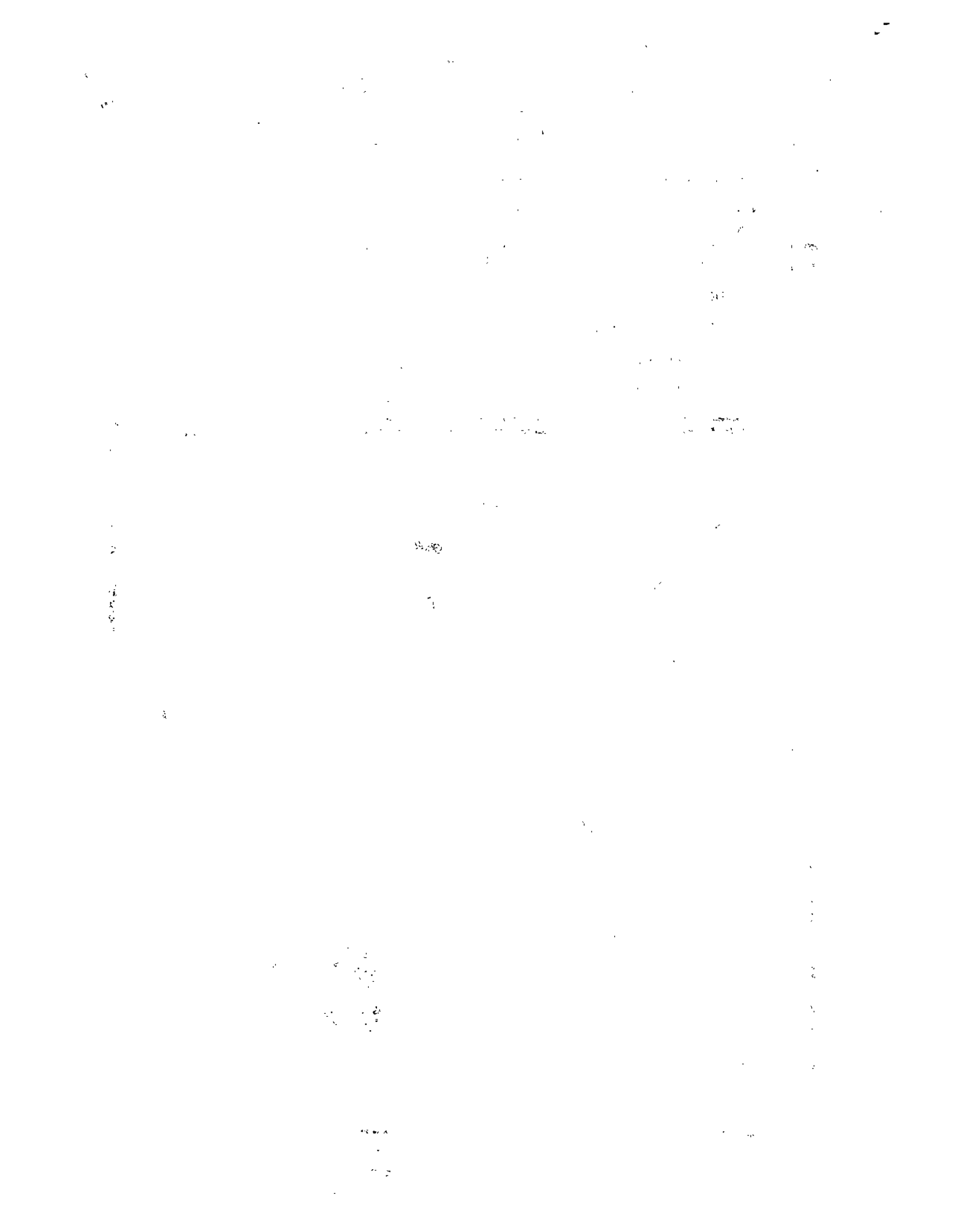


Published to Accelerate the Development of the Mining Industry in Alaska

Keith H. Miller - Governor

Thomas E. Kelly - Commissioner

James A. Williams - Director



KENDRICK BAY MINING COMPANY

Core drilling on the Kendrick Bay Mining Co. property on Prince of Wales Island, Alaska has confirmed the presence of a moderate tonnage of high grade uranium-thorium ore, according to Standard Metals Corp., which owns more than 80 percent of Kendrick Bay. The core drilling was carried out by Newmont Exploration Ltd., a subsidiary of Newmont Mining Corp., under a joint agreement entered into early last year with Kendrick Bay. The tonnage discovered is not large enough to justify construction of a treatment plant on the Kendrick Bay property but enough uranium-thorium ore has been found to make it practical to ship and mill the ore at another Newmont subsidiary, Dawn Mining Co., in Ford, Washington. Preparations for the development of the mine and subsequent mining of uranium will probably begin as soon as weather conditions permit.

CITIES SERVICE MINERALS CORP.

Cities Service Minerals Corp., a subsidiary of Cities Service Company will resume work this May in the copper exploration venture it is managing near Denali, Alaska. Diamond drilling is planned along a 1400 foot decline to test the deposit at greater depth. Approximately 20 men will be employed at the site with the possibility of an expansion in the work force if results continue to be favorable.

BUREAU OF MINES; ALASKA POST

Secretary of the Interior, Walter J. Hickel, has appointed William E. Eckard to head the Interior Department's Bureau of Mines in Alaska. Eckard, a native Pittsburgh, Pennsylvanian has 20 years federal research experience in petroleum development and production engineering. He will be chief of the Bureau's Alaska Office of Mineral Resources, with headquarters in Juneau.

In commenting on Eckard's appointment, Secretary Hickel said, "The vast mineral potential of Alaska must be realized for the benefit of all Americans, but it must be realized in ways that are wholly compatible with the preservation of environmental quality in the state. The role of the Department's Bureau of Mines will be critical in maintaining the right kind of balance in Alaskan development." Secretary Hickel considers the Juneau post a "crucial assignment", vital both to the future of Alaska's mineral and fuel development and to the protection of the 49th State's other natural resources.

KAISER STEEL CORP.

Reports have been received that Kaiser Steel Corp. is planning an extensive coal prospecting program next summer in the Cape Beaufort area on the northwestern flank of the Brooks Range. The primary area of interest is the Kukpowruk River Valley where AMOR has done field examinations over the past few years.

Based on limited laboratory tests, the Cape Beaufort coals appear to have fair to good coking characteristics when blended. A major problem of the area is transportation. One plan under consideration is an offshore deep-water loading platform with a slurry pipeline from shore.

JAPANESE METAL MARKET

Unofficial word has been received that Japan is not as interested in copper as she was a year or so ago because of the ability to secure sources of supply all over the world, especially in Africa and South America. The Japanese are now turning their attention to zinc, which they need plenty of. They are interested in contacting property holders who have substantial reserves. The zinc production from the new Anvil Mine in the Yukon is being purchased by a Japanese firm.

INTERIOR'S BUREAU OF MINES REORGANIZED

Reorganization of the Interior Department's Bureau of Mines--designed to strengthen and facilitate both its law enforcement activities and its mineral research and development functions--has been announced by Secretary Walter J. Hickel.

The reorganization, first to encompass the entire Bureau of Mines since 1963, is being put into effect immediately, Secretary Hickel said. Among its major objectives are:

- Assurance that the Bureau's responsibilities for administering tough new mine health and safety laws will be carried out;
- Assurance that Bureau research and development on mineral supply and environmental problems move rapidly forward to make the Bureau more responsive to current needs on the environmental front. Two new units have been created especially to deal with pollution and waste problems;
- Closer and more productive relationships with State and local governments;
- Improved efficiency and economy in the collection and dissemination of economic and statistical information on mineral development;
- Greater emphasis on mineral and energy supply problems and improvements of the Bureau's ability to detect, define, and help solve them.

Secretary Hickel said that a key feature of the reorganization is the establishment of two Deputy Director positions, immediately beneath the Bureau's Director in management responsibility. One Deputy will have direct charge of the Bureau's law enforcement activities in mine health and safety; the other will administer all Bureau research and environmental development functions.

Other aspects of the reorganization, the Secretary said, are aimed at achieving greater emphasis on environmental problems associated with the mining and processing of minerals and fuels; at better coordination of fact-finding functions with research and development activities; and at more effective concentration of the Bureau's field staff.

Commenting further on the reorganization, Secretary Hickel said it stemmed from a recognition of three relatively recent developments on the national scene: (1) the growing concern over waste and pollution and the need to attack them constructively through research; (2) new legislation that has given Interior greater enforcement powers in the field of mine health and safety; and, (3) increasing variety and complexity in mineral and energy supply problems, all of which demand greater Federal involvement.

"The reorganization is expressly designed to strengthen the Bureau's capabilities in responding to each of these major developments," Secretary Hickel said.

BULLETIN CIRCULATION

We thought our readers might be interested in where the Mines Bulletin is sent. The following information pertains to last month's issue.

A total of 2178 Bulletins were mailed, 1075 to Alaska, 918 to other States, 172 to Canada, and 13 to other countries.

At least 100 Bulletins go to university or public libraries; 200 to federal government agencies; and 150 to state and city governments. We estimate that at least 750 Bulletins are mailed to mining and exploration companies or corporations. Many of the larger companies receive Bulletins at most of their major offices throughout the United States and Canada. Approximately 978 Bulletins reach individual people interested in Alaska. A breakdown by city and area follows:

Alaska

Anchorage	375	Fairbanks	129
Juneau	95	Interior and Western Alaska	121
Central Alaska	221	Northern Panhandle	71
Ketchikan and Southern Panhandle	63		
Total 1075			

States

Alabama	1	Nebraska	1
Arizona	21	Nevada	13
Arkansas	1	New Hampshire	2
California	183	New Jersey	1
Colorado	87	New Mexico	15
Connecticut	2	New York	66
Delaware	4	North Carolina	3
Florida	8	North Dakota	1
Georgia	4	Ohio	6
Hawaii	2	Oklahoma	23
Idaho	18	Oregon	36
Illinois	15	Pennsylvania	23
Indiana	3	Rhode Island	1
Iowa	3	South Carolina	1
Kansas	2	South Dakota	2
Kentucky	1	Tennessee	3
Louisiana	3	Texas	70
Maine	1	Utah	29
Maryland	4	Vermont	1
Massachusetts	6	Virginia	11
Michigan	9	Washington	141
Minnesota	10	West Virginia	1
Mississippi	2	Wisconsin	7
Missouri	9	Wyoming	14
Montana	8		
Washington D.C.	39	Virgin Islands	1
Total 918			

Foreign Countries

Canada	172	Japan	5
Mexico	2	Brazil	1
Africa	1	Egypt	1
New Zealand	1	France	1
England	1		
Total 185			

MINING CLAIMS

We will try to make the following chart a monthly feature in the Mines Bulletin. Prospectors have up to 90 days to file a mining claim with the recording office after the claim is staked. The recording offices then forward records of these claims to the Division's office at College. Thus the material in this chart may be as much as 100 or more days old. Recent claim notices have failed to list the commodity staked for and thus we are unable to list this information as part of the chart. It is hoped that in the future prospectors will list the mineral or metal staked and thus enable a more complete filing of information on the State's minerals in the Division records.

<u>NUMBER OF CLAIMS</u>	<u>CREEK OR AREA</u>	<u>QUADRANGLE</u>	<u>DATE NOTICE POSTED</u>
1	Hidden River	Talkeetna	Oct., 1969
16	Glacier Creek, trib. Chitistone River	McCarthy	Mar., 1970
30	Buck Creek	Teller	Mar., 1970
3	Switch Creek	Circle	Jan., 1970
2	South side of My Creek	Eagle	Nov., 1969
1	Stibnite Creek	Tanacross	Mar., 1970
9	Eureka Creek	Mt. Hayes	Feb., 1970
1	Apollo Creek - Unga Island	Port Moller	Dec., 1969
39	South side Apollo Mountain	Port Moller	Dec., 1969
3	Sheep Mountain	Anchorage	Feb., 1970
2	Yellow Jacket Creek	Anchorage	Feb., 1970
1	On small tributary to Jim Lake	Anchorage	Feb., 1970
1348	Sheep Mountain	Anchorage	Feb., 1970
17	Hoonah Harbor	Juneau	Feb., 1970
1	Near Bat Cove	Ketchikan	Oct., 1969
1	Goat Harbor	Seward	Feb., 1970
27	Bond Creek	Nabesna	Dec., 1969
27	Big Delta River	Mt. Hayes	Dec., 1969

NEW PUBLICATIONS

The following open file reports have been released by the U.S. Geological Survey and are available for consultation in the Alaska U.S.G.S. and State Division of Mines and Geology offices. Material from which copies of these open file reports can be made at private expense is available only at the Alaska Geology Branch, U.S.G.S., 345 Middlefield Road, Menlo Park, California 94025.

Metallic mineral resources maps of seven Alaska quadrangles: Chignik, Cold Bay, Dillingham, Lake Clark, Naknek, Port Moller, Unalaska, by Edward H. Cobb. 6 p., 7 maps, 1 index map, 1 explanation (total, 14 sheets). Scale 1:500,000.

Bering Sea, seismic reflection profiles, 1969, by David W. Scholl and Michael S. Marlow. 1 navigation chart; 17 seismic profiles.

Analysis of Shublik Formation rocks from Mt. Michelson quadrangle, Alaska, by Robert L. Detterman. 4 sheets (1 cover sheet, 1 strat. section, 1 graph, 1 table).

Preliminary Report Release

On Monday, May 11, 1970, the Division of Mines and Geology will release a brief summary of the results of a geological and geochemical investigation. This preliminary report will be available over the counter at the Division office in College (University and College Avenues) and Anchorage (3001 Porcupine Drive) at 9:00 A.M., ADT and at the Juneau office (Goldstein Building) at 11:00 A.M., PDT. The report is free of charge, and will be available by mail from the Division office, Box 5-300, College, Alaska 99701. All mail requests received prior to May 11, 1970 will be mailed from College on that day.

METAL MARKET

April 27

Month Ago

Year Ago

	April 27	Month Ago	Year Ago
Antimony ore, stu equivalent			
European ore	\$38.39-40.17	\$38.39-40.17	\$7.54-7.72
Barite (drilling mud grade from E/MJ March)	\$12-16	\$12-16	\$12-16
Chrome ore long ton	\$31-35	\$31-35	\$31-35
Copper per lb.	59.7¢	56.5¢	44.1¢
Gold per oz.	\$36.65	\$35.43	\$43.45
Lead per lb.	16.5¢	16.5¢	14.3¢
Mercury per flask	\$467-473	\$470-480	\$497-510
Molybdenum conc. per lb.	\$1.72	\$1.72	\$1.62
Nickel per lb.	\$1.28	\$1.00	\$1.03
Platinum per oz.	\$130-135	\$130-135	\$120-125
Silver, New York, per oz.	185.9¢	186.8¢	175.6¢
Tin per lb.	187.0¢	178.3¢	157.3¢
Titanium ore per ton	\$30-35	\$30-35	\$20-21
Tungsten per unit	\$43.00	\$43.00	\$43.00
Zinc per lb.	16.0¢	16.0¢	14.0¢
Beryllium powder 98%	\$54-66	\$54-66	\$54-66

