Loyal Bacon Papers
MS-075
Finding aid prepared by Crystal Laudeman, revised by Lindsay Hiltunen

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September 17, 2014
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Summary Information

Repository          Michigan Technological University Archives and Copper Country Historical Collections

Creator             Bacon, Lloyd Orrin, 1915-2008

Title               Lloyal Bacon Papers

Date [inclusive]    1896-1972

Extent              0.69 cubic feet; 2 manuscript boxes, 1 oversize folder

Language            English

Language of Material English

Mixed materials [Box] 1-2

Mixed materials [Folder] 67 A

Abstract            Papers, 1928-1969, of Lloyal Bacon, a professor of geophysics at the Michigan College of Mining and Technology (now Michigan Technological University) in Houghton, Michigan. Includes reports written or co-written by Bacon, papers submitted by graduate students and other research in the field of geophysics as it relates to the geology of the Upper Peninsula and Lake Superior region. Research areas include magnetic and resistivity surveys conducted in search of minerals including iron and copper.

Preferred Citation
MS-075, Lloyal Bacon Papers, Michigan Technological University Archives and Copper Country Historical Collections, Houghton, Michigan.
Biography

Lloyal O. Bacon, 1915-2008, was a geophysicist at Michigan College of Mining and Technology (now Michigan Technological University) in Houghton, Michigan from 1949 to 1978. Lloyal Bacon earned a BS in Geological Engineering in 1941 from the University of Minnesota and served in the U.S. Navy Department, Underwater Ordinance. Subsequently, he worked for the U.S. Bureau of Mines, Butler Brothers Mining Co., and Pennsylvania State College (now Pennsylvania State University) as a geophysicist. In 1948, he received an MS degree in geophysics at Penn State. He remained there for another year on a Ph.D program. After the department faculty left, he took employment as a geophysicist at MTU (at that time known as the Michigan College of Mining and Technology) in the fall of 1949. He remained at MTU until his retirement in 1978. Bacon originally worked with the physics department until he moved to the Department of Geological and Mining Engineering and Sciences as the geophysics department expanded. Active in the field, Lloyal did consulting work in mining geophysics for many companies for over 40 years, especially Calumet and Hecla, Inc. in developing a system for detecting veins of native copper.

Collection Scope and Content Summary

Papers, 1896-1972, of Lloyal Bacon, a professor of geophysics at the Michigan College of Mining and Technology (now Michigan Technological University) in Houghton, Michigan. Includes reports written or co-written by Bacon, papers submitted by graduate students and other research in the field of geophysics as it relates to the geology of the Upper Peninsula and Lake Superior region. Research areas include magnetic and resistivity surveys conducted in search of minerals including iron and copper.

Administrative Information

Publication Information

Michigan Technological University Archives and Copper Country Historical Collections 4/4/2010

Revision Description

Added additional materials from a new acquisition, modified names and subjects, modified and added notes. 09/17/2014
Access
Available for use in the Michigan Technological University Archives and Copper Country Historical Collections.

Conditions Governing Use
Various copying restrictions apply. Guidelines are available from Michigan Technological University Archives & Copper Country Historical Collections.

Processing History
Crystal Laudeman, 4/4/2010, Lindsay Hiltunen 9/17/2014

Controlled Access Headings

Corporate Name(s)

• Michigan College of Mining and Technology.

Genre(s)

• Correspondence
• Documents
• Manuals (Instructional materials)
• Papers (Document genres)
• Reports
• Research (Document genres)

Geographic Name(s)

• Keweenaw Peninsula (Mich.)
• Marquette County (Mich.)
• Upper Peninsula (Mich.)
Subject(s)

- Geology--Michigan
- Geophysics--Research
- Mines and mineral resources--Michigan--Upper Peninsula
# Collection Inventory

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<td>&quot;Earth Restivity Measurements in the Lake Superior Copper Country&quot; by W.J. Rooney, W.O. Hotchkiss, James Fisher 1928</td>
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