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### Flint Creek Range to be studied by University of Montana geologists under \$50,900 grant from NSF

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FLINT CREEK RANGE TO BE STUDIED  
BY UM GEOLOGISTS UNDER \$50,900  
GRANT FROM NSF

MISSOULA---

The University of Montana Department of Geology has been awarded a National Science Foundation grant of \$50,900 for continued study of the Flint Creek Range, 70 miles southeast of Missoula near Philipsburg.

Principal investigators under the grant are Dr. Arnold J. Silverman, UM professor of geology, and Dr. Donald W. Hyndman, associate professor of geology.

During the grant's two-year duration, Drs. Silverman and Hyndman will research a type of rock known as granitic pluton, which has never previously been studied in any great detail in the Flint Creek area.

Mapping, detailed sampling and systematic study of the mineralogy, classification and chemistry of these plutons will be completed. The study by the UM geologists will add significantly to the understanding of the Flint Creek geology and should also permit a clarification of the petrochemical development of these rocks and their relation to other plutons in the western Montana area.

Dr. Silverman, a native of Boston, Mass., has been on the UM faculty since 1959. He had previously been on the staff of Columbia University, New York City, where he received both his master's degree and doctorate.

He now lives in Missoula with his wife, the former Elaine Ostrosky of Chelsea, Mass., and their three children.

Dr. Hyndman has been on the faculty of UM since 1964 and is a native of Vancouver, British Columbia, Canada. He earned his master's degree and doctorate from the University of California, Berkeley, where he also was a teaching assistant.

He and his wife, the former Shirley Boyes, formerly of Vancouver, B.C., Can., live in Missoula with their two children.

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