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VERNE C. FRYKLUND, JR.
(1920 -)

NOTES, CORRESPONDENCE, PAPERS

1952 - 1964

(0.8 linear ft.)

Verne Charles Fryklund, Jr. was born in Greeley, Colorado, in 1920. He received his education at the University of Minnesota, earning a BS in 1944, an MS in 1947, and a PhD. in 1949. Fryklund joined the staff of the USGS in 1943 and remained with the agency until 1966, with the exception of two years (1962-1964) of service with NASA as a lunar and planetary scientist. He later worked in management for several Federal agencies and as a consulting geologist. His areas of specialty were economic geology and the application of geology to national defense matters.

INVENTORY

By

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U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
March 2004

Location of Field Notebooks: CS 14-12

THE COEUR D'ALENE MINING DISTRICT, SHOSHONE COUNTY, IDAHO. 1952-1962.

<u>Item Number</u>	<u>Description</u>
NO-08187	<p>Document box with 15 folders:</p> <ul style="list-style-type: none">- Folder 1. Draft text of "Bleaching in the Coeur d'Alene district" by Paul L. Weis, with reviewer's comments. [This appears with Fryklund's "Ore deposits..." in USGS Professional paper 445 (1964)].- Folder 2. Letters regarding map of Highland-Surprise mine, and of Interstate-Hercules area. 1958.- Folder 3. Correspondence, 1955-1960. Includes letters, review comments on publications. Bulk of correspondence is with USGS colleagues.- Folder 4. Specimen lists for Fryklund's Coeur d'Alene projects.- Folder 5. Highland-Surprise Mine, Consolidated Mining Company - Papers. 1959-1960. Correspondence; photocopy of draft article, "Temperature of Pyrrhotite and Sphalerite from the Highland-Surprise Mine, Coeur d'Alene district, Idaho" by R.G. Arnold, R.G. Coleman, and V.C. Fryklund; sample analysis data.- Folder 6. Coeur d'Alene dikes. 1954-1959. Correspondence; rock sample analysis data.- Folder 7. Mine descriptions - final version. Note on first sheet says, "Retained because a number of mine descriptions were deleted in later drafts. vcf 11-1-64." Descriptions of mines in Coeur d'Alene district.- Folder 8. Memos on Properties - Misc. Odds and Ends. 1952-1957. Examination and field reports on specific DMEA (Defense Minerals Exploration Act) applications (docket numbers given).- Folder 9. Isotopes - Coeur d'Alene. 1956-1959. Correspondence and data.- Folder 10. Project Correspondence. 1960-1961. One letter regarding the Coeur d'Alene district; 2 memos (1961) proposing a USGS program for niobium and tantalum.- Folder 11. Age determination. 1961-1962. Text of presentation, "Evidences of Sulfide Remobilization in Some Ore Bodies Adjacent to the Gem Stocks" by Arthur H. Sorensen, Hecla Mining Company, November 28, 1961; data on K-Ar age determinations.- Folder 12. Coeur d'Alene correspondence. 1952-1958.- Folder 13. Sidney Zn5 Samples. 1960. Analysis data on sphalerite samples; draft of description of Sidney mine.- Folder 14. Silverman. 1958-1959. Correspondence with Arnold Silverman, Dept. of Geology, Columbia University, New York.- Folder 15. Sidney [mine] Paper. 1960-1961. Correspondence, analytical data.

Published as: U.S. Geological Survey. Professional paper 445. 1964.

SCANDIUM IN VOLCANIC ROCKS. 1961-1962.

- NO-11105 Expandable envelope with five folders:
- Folder 1. Scandium papers. 1962. Correspondence; typed text of paper, "The Abundance of Scandium in Volcanic rocks, a Preliminary Estimate," by Verne C. Fryklund, Jr. and Michael Fleischer, with figures and maps; reviewer's comments. Fryklund working at NASA, Fleischer with USGS.
 - Folder 2. Sc [scandium], Cb [columbium] analyses. 1962. Copies of sample analysis reports.
 - Folder 3. Sc Regional Analysis. Data, charts, graphs.
 - Folder 4. Manuscripts on Sc in igneous rocks. 1961. Bibliographic cards, miscellaneous correspondence.
 - Folder 5. Sc in Plutonic Rock. Clan Calculations. 1962. Memo, data.

MISCELLANEOUS PERSONAL PAPERS AND CORRESPONDENCE. 1960-1964.

- NO-11106 Expandable envelope with five folders:
- Folder 1. Correspondence. 1960-1962. Includes a few items after Fryklund went to work for NASA.
 - Folder 2. Correspondence. 1963. Fryklund was then with the Lunar and Planetary Branch, Manned Space Science Division, NASA. He requested that this correspondence be kept with his USGS materials. Includes correspondence with USGS colleagues.
 - Folder 3. Correspondence. 1964. Fryklund was Chief, Lunar and Planetary Branch, Manned Space Science Division, NASA. Fryklund requested that this correspondence be kept with his USGS materials. Includes correspondence with USGS colleagues.
 - Folder 4. Miscellaneous letters. 1962.
 - Folder 5. Summary of Fryklund's employment history, 1942-1950.