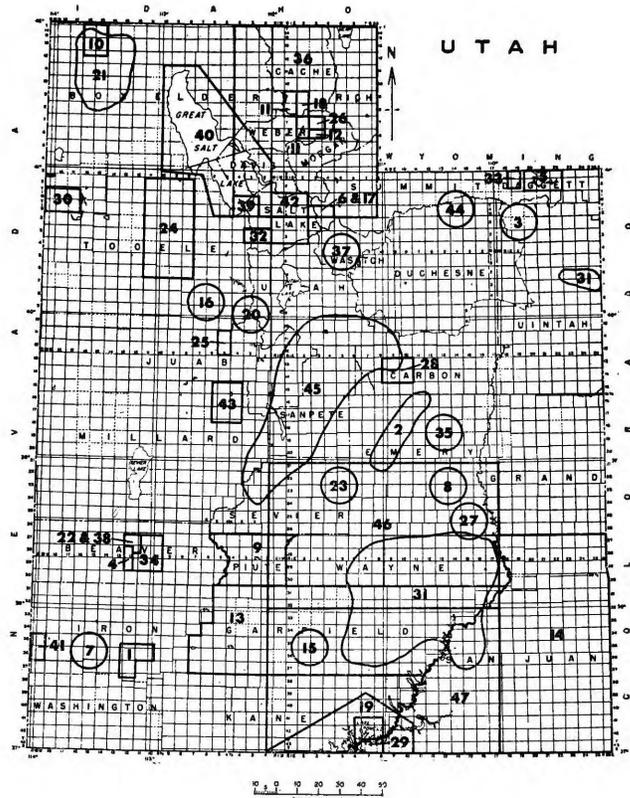


QUARTERLY REVIEW

Summer Field Work In Utah

The list below represents geological work scheduled for the summer of 1967 in Utah. The reference number in the left column corresponds with a location number for a particular project on the accompanying map. Projects are listed alphabetically by individual and organization.

Name and Organization	Project
1 Averitt, Paul U.S.G.S.	Geology of the Kanarraville and Cedar City 7½ min. quads. Iron County
2 Balsley, J. K. Univ. of Utah	Paleontology and stratigraphy of Ferron Sandstone in Castle Valley Emery County (M.S.)
3 Beckmann, D. D. Univ. of Nebraska	Geology of the Frontier Sandstone Uinta Mountains (M.S.)
4 Bingham, Merlin Utah Geol. Survey	Geochemistry and geology of the Shauntie Hills, Beaver County (M.S.)
5 Bowling Green Univ.	Summer field camp in Flaming Gorge Dam Area, Daggett County
6 Bromfield, C. S. U.S.G.S.	Geology of Park City East 7½ min. quad., Summit County
7 Bullock, K. C. Utah Geol. Survey	Iron deposits of southern Utah
8 Cadigan, R. A. U.S.G.S.	Stratigraphy and lithology of the Colorado Plateau
9 Callaghan, Eugene Utah Geol. Survey	Land and mineral resources of Piute County
10 Compton, R. R. U.S.G.S.	Geology of the Yost quadrangle, Box Elder County
11 Crittenden, M. D., Jr. U.S.G.S.	Geology of Huntsville and Mantua 7½ min. quads., Cache and Weber Counties
12 Crittenden, M. D., Jr. U.S.G.S.	Geology of Browns Hole 7½ min. quadrangle, Weber County
13 Doelling, H. H. Utah Geol. Survey	Land and mineral resources of Garfield County
14 Doelling, H. H. Utah Geol. Survey	Mineral survey and forecast, San Juan County
15 Doelling, H. H. Utah Geol. Survey	Geologic investigations of Kaiparowits coal field, Garfield County
16 Douglass, R. C. U.S.G.S.	Upper Paleozoic cephalopods of N.A. (Chainman Shale, western Utah)
17 Gott, G. B. U.S.G.S.	Geochemistry and geophysics in Park City District, Summit County
18 Hardy, C. T. Utah State Univ.	Structural geology of James Peak quadrangle, Cache County (M.S.)
19 Johnson, I. M. Univ. of Arizona	Stratigraphic and environmental analysis of San Rafael Group (Jurassic) between Black Mesa, Arizona and the southern Kaiparowits Plateau, Utah, San Juan and Kane Counties (Thesis)
20 Ketner, K. B. U.S.G.S.	Stratigraphy of Tintic quartzite
21 Khattab, M. M. Utah Geol. Survey	Gravity studies in northwestern Utah, Box Elder County
22 Lemmon, D. M. U.S.G.S.	Geology of San Francisco Dist., Beaver County
23 Lessard, R. H. Univ. of Utah	Cretaceous foraminifera of eastern Utah (Ph.D)
24 Maurer, R. E. Univ. of Utah	Geology of the Cedar Mountains, Tooele County (Ph.D)
25 Morris, H. T. U.S.G.S.	Geology of portion of Dutch Peak quadrangle, West Tintic dist., Juab County
26 Maughan, G. R. Consulting Geologist Boy Scouts of America	Rocks and Scenery of Camp Kiesel, Weber County
27 Olson, A. B. U.S.G.S.	Photogeologic mapping in Colo. Plateau at 1:250,000
28 Osterwald, F. W. U.S.G.S.	Geology of coal mine bumps, central Utah
29 Peterson, Fred U.S.G.S.	Cummings Mesa quadrangle, coal
30 Pratt, Allan Utah Geol. Survey	Saline playas; collection of brine saturated sediments in Wendover area, Tooele County (postponed)
31 Ritzma, H. R., and Gwynn, G. W. Utah Geol. Survey	Bituminous sandstone deposits of southeastern Utah and Raven Ridge Area, Garfield, Wayne and Uintah Counties
32 Tooker, E. W. U.S.G.S.	Geology of Lark quadrangle, underground studies in US and Lark mines; mineral phases in ore and associated wall rock alteration in Bingham pit, Salt Lake County
33 Schell, E. M.	Jessen Butte area, phosphate and oil shale
34 Schmoker, V. W. Utah Geol. Survey	Magnetic surveys, Milford area, Beaver County (Ph.D)



- 35 Scott, R. A. Fossil seeds of Morrison Formation
U.S.G.S.
- 36 Seibert, C. C. J. Stratigraphy and paleontology of
Univ. of Utah phosphate-bearing Mississippian rocks
of northern Utah (M.S.)
- 37 Smith, H. P. Paleoeologic studies in the lower
Univ. of Utah Triassic series of western Utah
(Ph.D)
- 38 Stringham, Bronson and Hydrothermal alteration, Milford
Erickson, Max area, Beaver County
Utah Geol. Survey
- 39 Suekawa, H. S. Bottom sediments of south end of
Utah Geol. Survey Great Salt Lake, Salt Lake County
- 40 Suekawa, H. S. Mineral evaluation of Great Salt
Utah Geol. Survey Lake, Salt Lake County
- 41 Thomson, Kenneth Mineral deposits of the State Line
Utah Geol. Survey district, Iron County
- 42 Van Horn, R. V. Geology of Salt Lake City quad-
U.S.G.S. rangle, Salt Lake County
- 43 Varnes, D. J. Surficial geology of Oak City area,
U.S.G.S. Millard County
- 44 Wallace, C. A. and Stratigraphy of Uinta Mountain
Crittenden, M. D., Jr. Group
U.S.G.S.
- 45 Weiss, M. P. Stratigraphy and petrology of Flag-
Ohio State Univ. staff Formation, Wasatch Plateau
(M.S.)
- 46 Williams, P. L. Geologic map of Salina A.M.S.
U.S.G.S. 1° x 2° quadrangle
- 47 Wyant, D. G. Geology of Escalante A.M.S. 1° x 2°
U.S.G.S. quadrangle

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UTAH GEOLOGY IN PRINT

This issue of the *Quarterly Review* is devoted primarily to a compilation of the 1966 publications dealing with the geology and mineral industry of Utah. The Utah Geological Survey gratefully acknowledges the assistance of the University of Utah Engineering Library staff, under the direction of Miss Edith Rich, in the compilation of the data contained herein.

It has been our goal to make this listing as complete as possible. If the reader is aware of any other pertinent publications which do not appear in the list below, please call them to our attention.

The 1966 publications are listed first by author alphabetically, and then by subject classifications.

An additional listing of publications is on open file in the Utah Geological Survey Office, 103 Utah Geological Survey Building, University of Utah, Salt Lake City, Utah.

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Rodents, Uinta Basin, Eocene: Dawson, M. R.

WAYNE COUNTY

Economic Geology

Petroleum from Cutler Formation: Schick, R. B.

WELLS AND DRILL HOLES

Kane County

Drillers logs: Goode, H. D.

Wells and Springs

Basic data, Navajo Indian Reservation: McGavock, E. H.

*In Memoriam***B. H. CLEMENS**

The Utah Geological and Mineralogical Survey extends sympathy to the family and friends of Ballard Herschel Clemens, Research Director of the Salt Lake Metallurgical Center of the U. S. Bureau of Mines, who died June 28 of a heart ailment.

Mr. Clemens was named to the UGMS Advisory Board five years ago, and, from the first, his advice and guidance strengthened the Survey's technical competence.

The Utah Survey has lost not only a valued advisor and source of strength, but a friend as well.

DATES TO KEEP

Remember . . . September will serve as the springboard for two field conferences in the Intermountain region.

The Intermountain Association of Geologists will host a trip through the southeastern Idaho-Wyoming thrust belt and phosphate district Sept. 14-16. Forms and brochures are available from Paul W. Burchell, P. O. Box 34, Salt Lake City, Utah, 84110.

Focus will be on uranium deposits and stratigraphy in southeastern Utah when the Utah Geological Society holds its 1967 field conference on Sept. 28-30. Deposits from Moab to the Henry Mountains will be visited and discussed.

Attendance will be limited to registrants travelling by chartered bus. Direct inquiries to: Walter, R. Buss, Weber State College, Ogden, Utah, 84403; or Allen H. James, Kennecott Copper Corp., P. O. Box 11299, Salt Lake City, Utah, 84111.

QUARTERLY REVIEW

State of Utah Calvin L. Rampton
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University of Utah James C. Fletcher
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Hazards Challenge Engineers

A week-long conference on "Nuclear and Natural Disaster Considerations for Urban Design" was presented the week of June 12 by the University of Utah's Civil Engineering Department.

Of geologic significance was the fact the meet was the first federally sponsored conference to examine engineering implications of such natural hazards as earthquakes, floods, landslides and tsunamis — the great waves produced by a submarine earthquake or volcanic eruption.

Discussion dealt with:

- Common relationships between various types of potential disaster;
- Coping with catastrophes by integrating urban design or redesign;
- Possibilities for further detailed study of urban disaster;
- Detailed design remedies from an urban system's viewpoint.

Participants of the conference included professionals in the fields of engineering, architecture, urban planning and urban systems, and engineering geology. In addition, distinguished lecturers dealt with each of the natural hazards. Professors Don E. Hudson and Paul C. Jennings of the California Institute of Technology spoke on engineering seismology and the effect of earthquakes upon various engineering structures, Professor Kenneth L. Cook of the University of Utah on seismicity within Utah and adjacent areas. Professor Robert L. Wiegel of the Univ. of California, Berkeley, summarized present knowledge on tsunamis, generated by such geologic hazards as submarine landslides, rockfalls, volcanic eruptions and earthquakes. Messrs. Edward B. Laing of Ammann and Whitney, N. Y., Stanley B. Martin of URS Corporation, and Bruce Laverty of Southern California Edison, described hurricane and tornado damage, fires and effects on structures, and the building of protection into the design for public utilities.