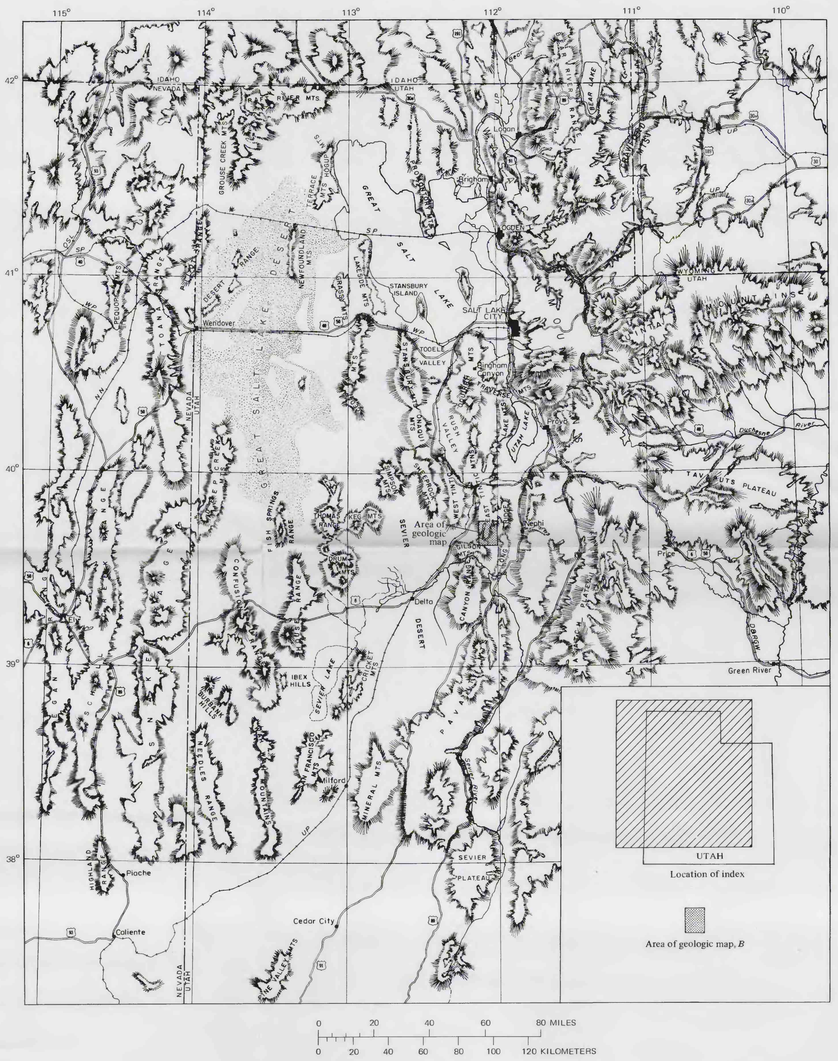
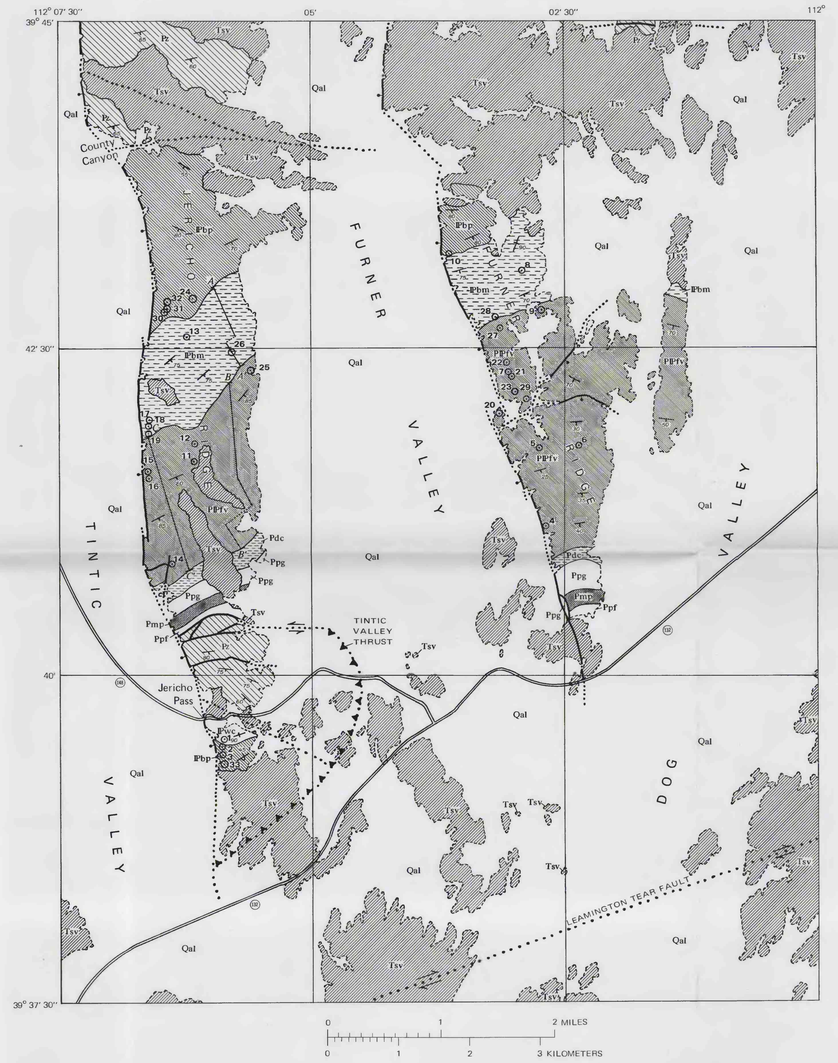
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 1025
PLATE 1



A. INDEX MAP OF NORTHWESTERN UTAH SHOWING LOCATION OF SOUTHERN EAST TINTIC MOUNTAINS AND OTHER PHYSICAL FEATURES



B. SIMPLIFIED GEOLOGIC MAP OF FURNER RIDGE QUADRANGLE SHOWING LOCATION AND RELATIONS OF FORMATIONS OF THE OQUIRRH GROUP AND LOCATIONS OF MEASURED SECTIONS AND SITES OF FOSSIL COLLECTIONS

EXPLANATION

- Qal — Alluvium (QUATERNARY)
- Tsv — Sedimentary and volcanic rocks (TERTIARY)
- Ppf, Pmp, Ppg — Park City and Phosphoria Formations (PERMIAN)
  - Ppf, *Franson Member of Park City Formation*
  - Pmp, *Meade Peak Phosphatic Shale Tongue of Phosphoria Formation*
  - Ppg, *Grandeur Member of Park City Formation*
- Pdc — Diamond Creek Sandstone (PERMIAN)
- PPfv — Furner Valley Limestone (PENNSYLVANIAN AND PERMIAN)
- Pbm — Bingham Mine Formation (PENNSYLVANIAN)
- Pbp — Butterfield Peaks Formation (PENNSYLVANIAN)
- Pwc — Upper part of West Canyon Limestone (PENNSYLVANIAN)
- Oquirrh Group
- Pz — Paleozoic sedimentary rocks (PRE-PENNSYLVANIAN)

Contact — *Dashed where inferred*

High-angle fault — *Dotted where concealed; bar and ball on downthrown side of normal fault; arrows show relative movement on tear fault*

Concealed thrust fault

Normal (35) — Overturned (45) — Vertical (90)

Strike and dip of beds

A———A' Approximate location of measured section
- *A-A' Bingham Mine Formation*
- *B-B' Type section of Furner Valley Limestone*
- *C-C' Reference section of Furner Valley Limestone*

○24 Fossil collection

Map No.	Collection No.
1	USGS 15926
2	USGS 15927
3	USGS 15928
4	f24692
5	f24693
6	f24694
7	f24695
8	f24696
9	f24697
10	f24698
11	f24699
12	f24700
13	f24701
14	f24702
15	f24776
16	f24777
17	f24778
18	f24779
19	f24780
20	f24781
21	f24782
22	f24783
23	f24784
24	f24785
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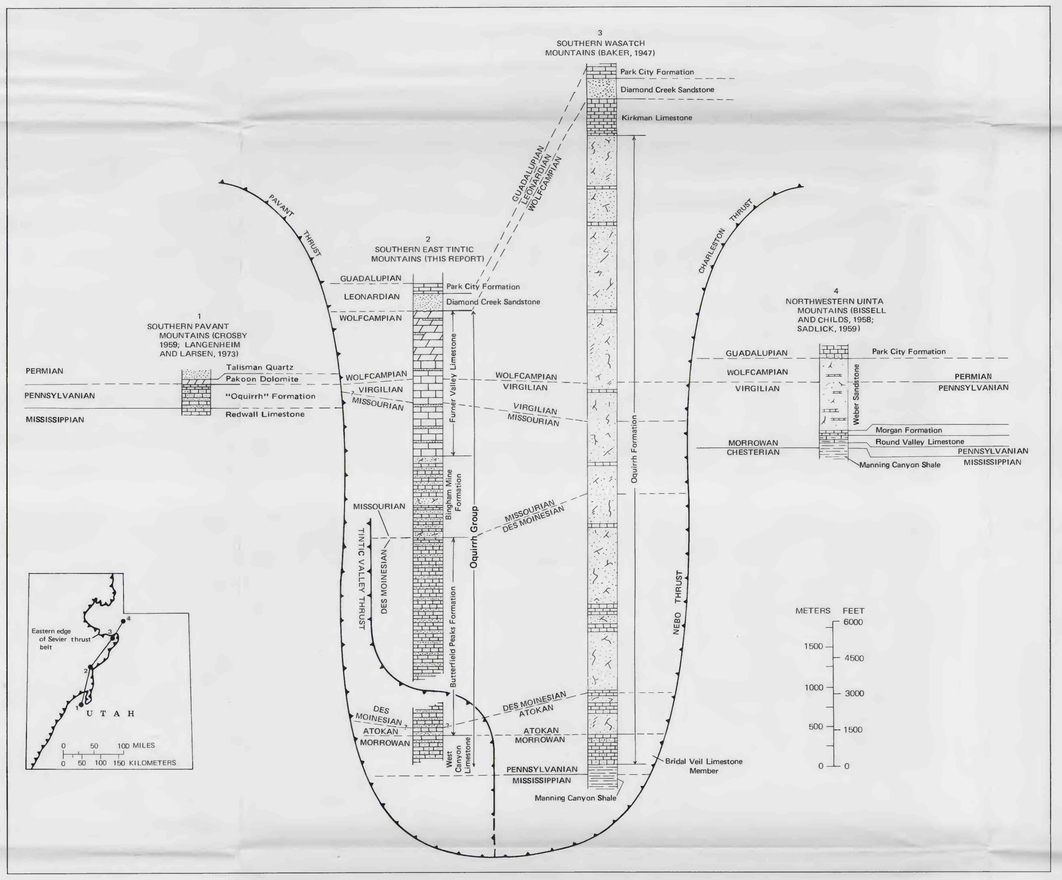
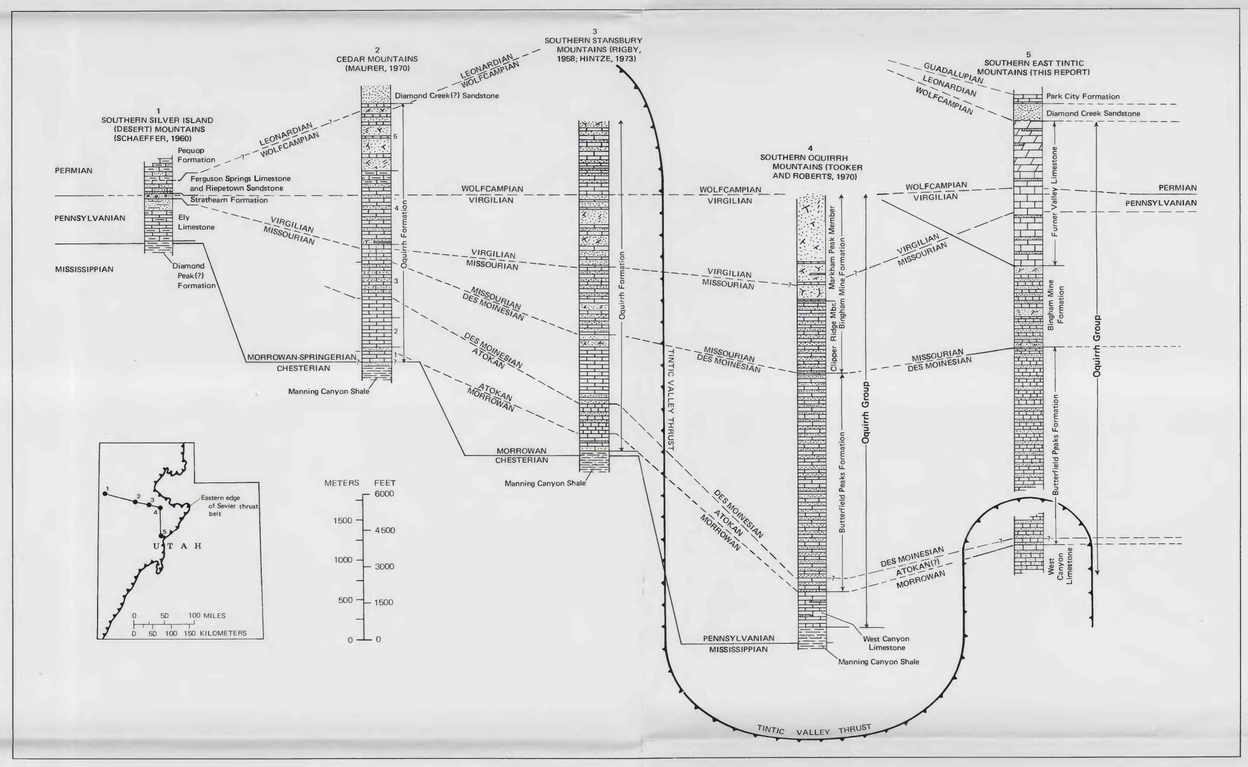
31	f13649
32	f13650
33	f13652



C. COLUMNAR SECTIONS OF OQUIRRH GROUP AND EQUIVALENT STRATA IN CENTRAL AND NORTHERN UTAH SHOWING RELATIONS TO SOME THRUST FAULTS OF THE SEVIER OROGENIC BELT



D. COLUMNAR SECTIONS OF OQUIRRH GROUP AND EQUIVALENT STRATA IN WESTERN AND CENTRAL UTAH

☆Interior—Geological Survey, Reston, Va—1977—G77012

SIMPLIFIED GEOLOGIC MAP OF THE FURNER RIDGE QUADRANGLE AND COLUMNAR SECTIONS OF THE OQUIRRH GROUP, UTAH