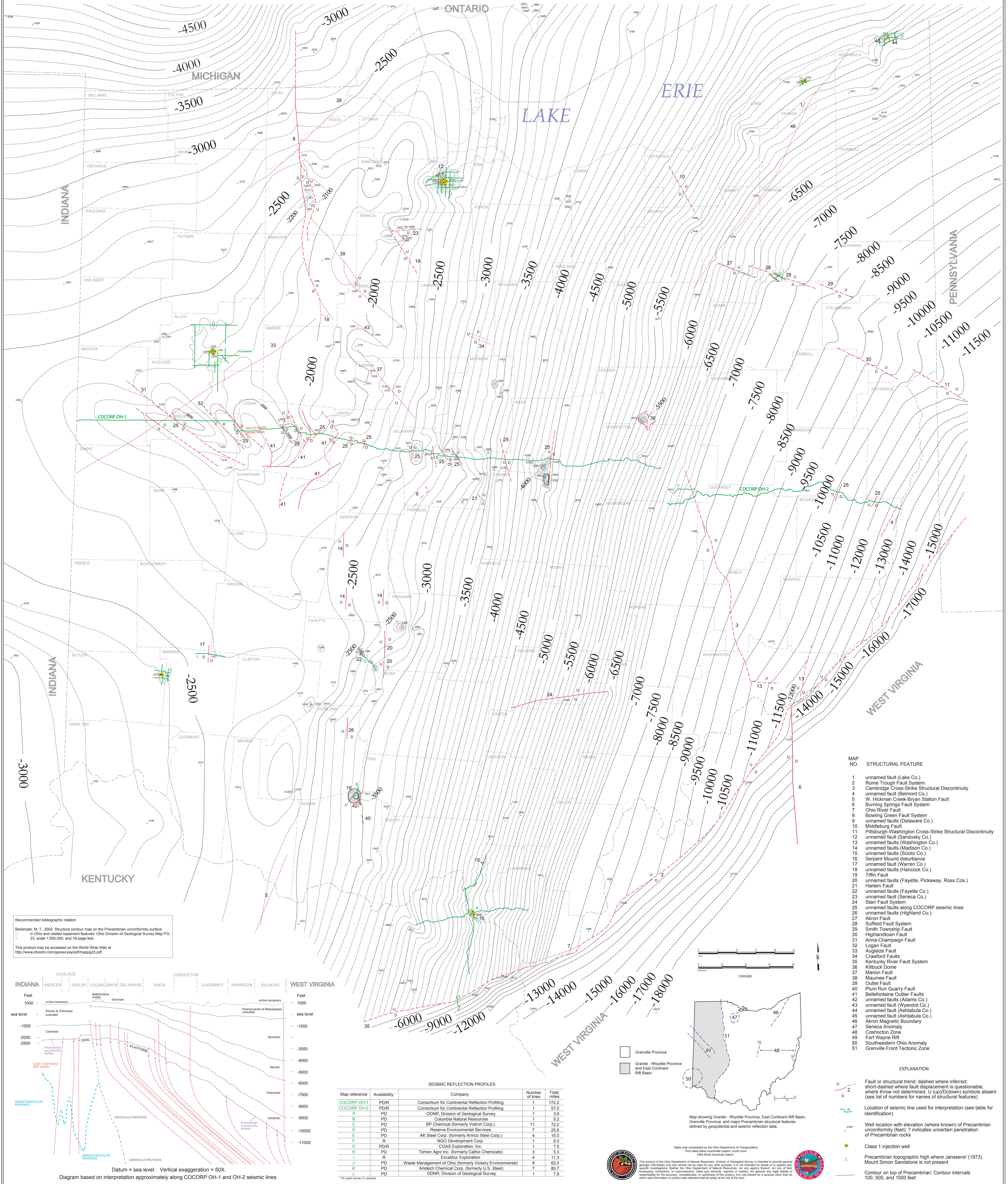
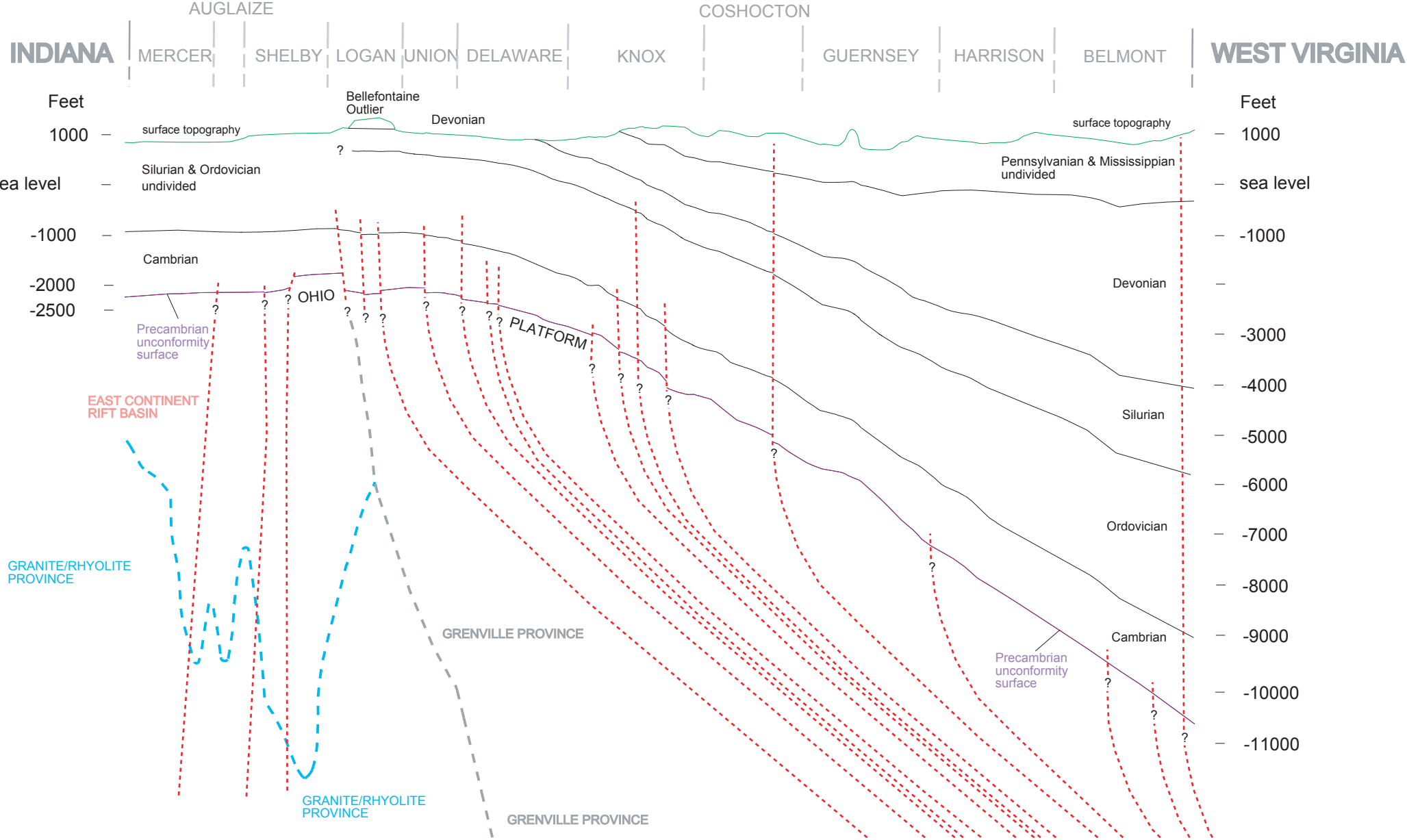


STRUCTURE CONTOUR MAP ON THE PRECAMBRIAN UNCONFORMITY SURFACE IN OHIO

Mark T. Baranowski
 Assisted by Timothy Brown, Nadine Platak, Amy Russell, and Christian Steck

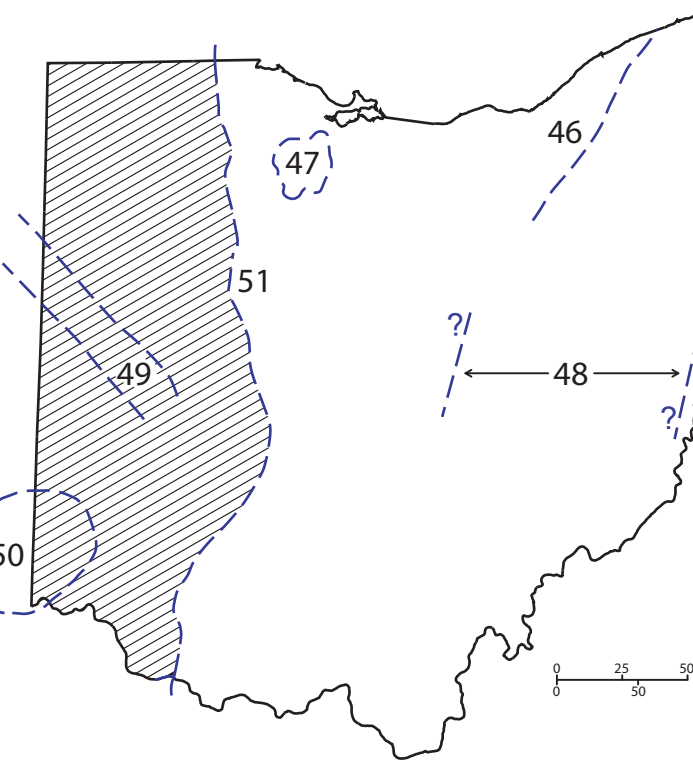
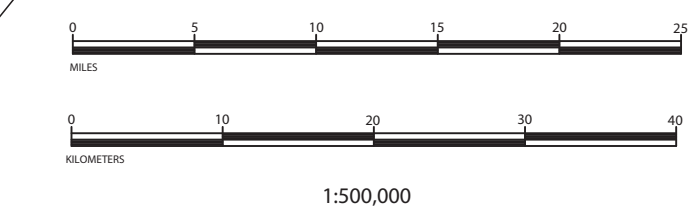


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 This product may be accessed on the World Wide Web at <http://www.ohiodnr.com/geosurvey/pdf/mappg23.pdf>



Map reference	Availability	Company	Number of lines	Total miles
COCORP OH-1	PD/R	Consortium for Continental Reflection Profiling	1	172.0
COCORP OH-2	PD/R	Consortium for Continental Reflection Profiling	1	57.0
A	PD	ODNR, Division of Geological Survey	1	3.6
B	PD	Columbia Natural Resources	1	5.2
C	PD	BP Chemical (formerly Vistron Corp.)	11	72.0
D	PD	Reserve Environmental Services	7	25.8
E	PD	AK Steel Corp. (formerly Armo Steel Corp.)	4	15.0
F	R	NGO Development Corp.	1	6.5
G	PD/R	CGAS Exploration, Inc.	1	7.5
H	PD	Tomen Agro Inc. (formerly Calbio Chemicals)	3	5.3
I	R	Excaltour Exploration	4	11.3
J	PD	Waste Management of Ohio (formerly Vickers Environmental)	8	62.0
K	PD	Arstech Chemical Corp. (formerly U.S. Steel)	7	80.7
L	PD	ODNR, Division of Geological Survey	1	7.8

- MAP NO. STRUCTURAL FEATURE**
- 1 unnamed fault (Lake Co.)
 - 2 Rome Trough Fault System
 - 3 Cambridge Cross-Strike Structural Discontinuity
 - 4 unnamed fault (Belmont Co.)
 - 5 W. Hickman Creek-Bryan Station Fault
 - 6 Burning Springs Fault System
 - 7 Ohio River Fault
 - 8 Bowling Green Fault System
 - 9 unnamed faults (Delaware Co.)
 - 10 Middleburg Fault
 - 11 Pittsburgh-Washington Cross-Strike Structural Discontinuity
 - 12 unnamed fault (Sandusky Co.)
 - 13 unnamed faults (Washington Co.)
 - 14 unnamed faults (Madison Co.)
 - 15 unnamed faults (Scioto Co.)
 - 16 Serpentine Mound disturbance
 - 17 unnamed fault (Warren Co.)
 - 18 unnamed faults (Hancock Co.)
 - 19 Tiffin Fault
 - 20 unnamed faults (Fayette, Pickaway, Ross Cos.)
 - 21 Harlem Fault
 - 22 unnamed faults (Fayette Co.)
 - 23 unnamed fault (Seneca Co.)
 - 24 Starr Fault System
 - 25 unnamed faults along COCORP seismic lines
 - 26 unnamed faults (Highland Co.)
 - 27 Akron Fault
 - 28 Suffield Fault System
 - 29 Smith Township Fault
 - 30 Highlandtown Fault
 - 31 Anna-Champaign Fault
 - 32 Logan Fault
 - 33 Auglaize Fault
 - 34 Crawford Faults
 - 35 Kentucky River Fault System
 - 36 Killbuck Dome
 - 37 Marion Fault
 - 38 Maumee Fault
 - 39 Outlet Fault
 - 40 Plum Run Quarry Fault
 - 41 Bellefontaine Outlier Faults
 - 42 unnamed faults (Adams Co.)
 - 43 unnamed fault (Wyandot Co.)
 - 44 unnamed fault (Ashabula Co.)
 - 45 unnamed fault (Ashabula Co.)
 - 46 Akron Magnetic Boundary
 - 47 Seneca Anomaly
 - 48 Coshocton Zone
 - 49 Fort Wayne Rift
 - 50 Southwestern Ohio Anomaly
 - 51 Grenville Front Tectonic Zone
- EXPLANATION**
- U Fault or structural trend; dashed where inferred; short-dashed where fault displacement is questionable; where throw not determined, U (up)/D(down) symbols absent (see list of numbers for names of structural features)
 - Location of seismic line used for interpretation (see table for identification)
 - Well location with elevation (where known) of Precambrian unconformity (feet); ? indicates uncertain penetration of Precambrian rocks
 - Class 1 injection well
 - Precambrian topographic high where Janssens' (1973) Mount Simon Sandstone is not present
 - Contour on top of Precambrian; Contour intervals 100, 500, and 1000 feet



Map showing Grenville - Rhyolite Province, East Continent Rift Basin, Grenville Province, and major Precambrian structural features defined by geopotential and seismic reflection data.

Base map compiled by the Ohio Department of Transportation Ohio state plane coordinate system, south zone 1818 North American Datum

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