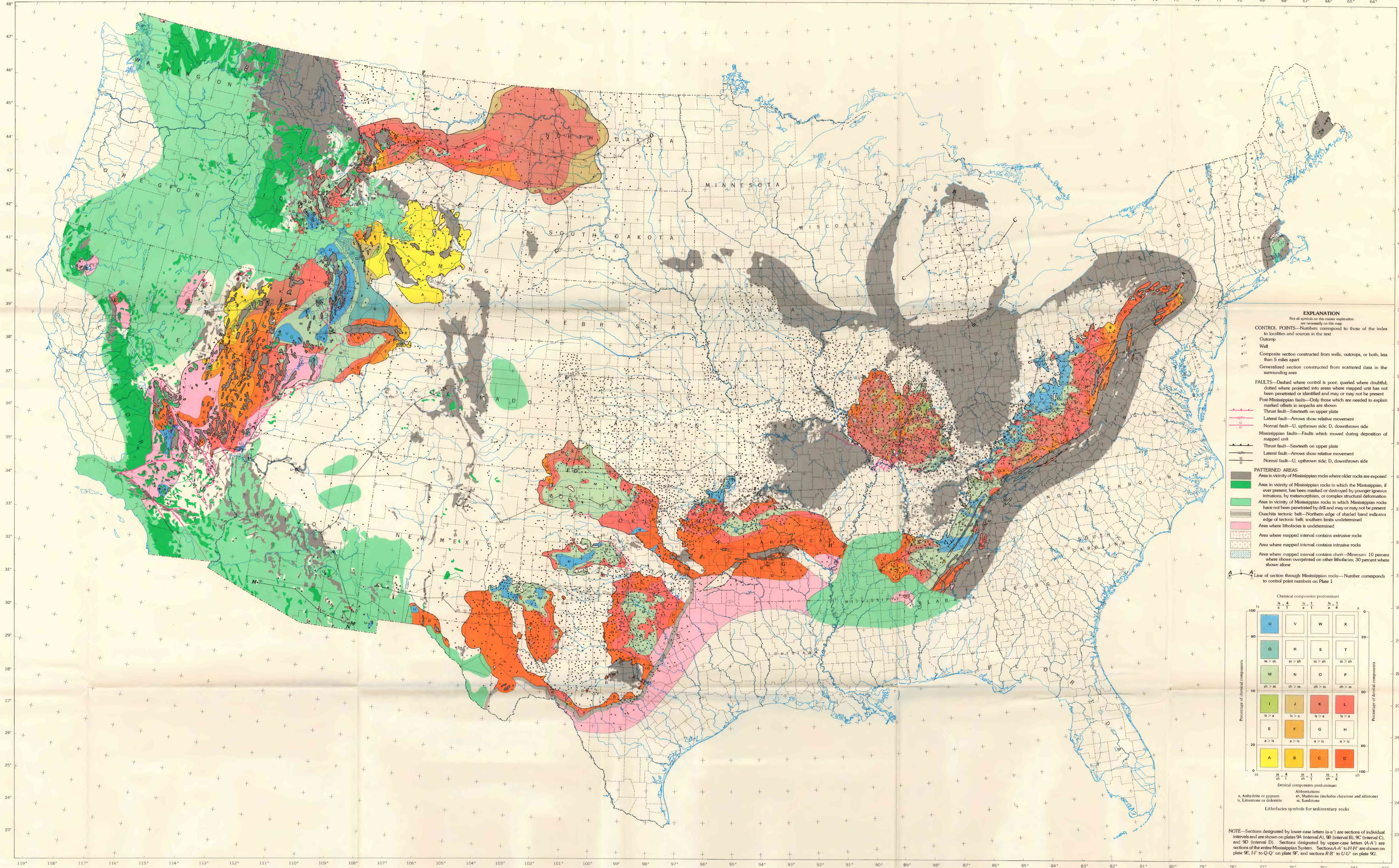




EXPLANATION

Not all symbols on this master explanation are necessarily on this map. Numbers correspond to those of the index to localities and sources in the text.

CONTROL POINTS—Numbers correspond to those of the index to localities and sources in the text.

▲ Outcrop

● Well

— Composite section constructed from wells, outcrops, or both, less than 5 miles apart.

— Generalized section constructed from scattered data in the surrounding area.

FAULTS—Dashed where control is poor, queried where doubtful; dotted where projected into areas where mapped unit has not been penetrated or identified and may or may not be present.

Post-Mississippian faults—Only those which are needed to explain marked effects in isograds are shown.

Thrust fault—Sawtooth on upper plate.

Lateral fault—Arrows show relative movement.

Normal fault—U, upthrown side; D, downthrown side.

Mississippian faults—Faults which moved during deposition of mapped unit.

Thrust fault—Sawtooth on upper plate.

Lateral fault—Arrows show relative movement.

Normal fault—U, upthrown side; D, downthrown side.

PATTERNED AREAS

Area in vicinity of Mississippian rocks where older rocks are exposed.

Area in vicinity of Mississippian rocks in which the Mississippian, if ever present, has been masked or destroyed by younger igneous intrusions, by metamorphism, or by complex structural deformation.

Area in vicinity of Mississippian rocks in which Mississippian rocks have not been penetrated by drill and may or may not be present.

Ocala tectonic belt—Northern edge of shaded band indicates edge of tectonic belt; southern limit undetermined.

Area where lithofacies is undetermined.

Area where mapped interval contains extrusive rocks.

Area where mapped interval contains intrusive rocks.

Area where mapped interval contains chert—Minimum: 10 percent where shown overprinted on other lithofacies; 30 percent where shown alone.

A—A' Line of section through Mississippian rocks—Number corresponds to control point numbers on Plate 1.

Chemical components predominant

U	V	W	X
Q	R	S	T
M	N	O	P
I	J	K	L
E	F	G	H
A	B	C	D

Percentage of chemical components

Detrital components predominant

Abbreviations

a, Anhydrite or gypsum

ls, Limestone or dolomite

sh, Sandstone

cl, Mudstone (includes claystone and siltstone)

sd, Sandstone

Lithofacies symbols for sedimentary rocks

NOTE—Sections designated by lower-case letters (a-o) are sections of individual intervals and are shown on plates 9A (interval A), 9B (interval B), 9C (interval C), and 9D (interval D). Sections designated by upper-case letters (A-A') are sections of the entire Mississippian System. Sections A-A' to H-H' are shown on plate 9E, H'-H' to Q-Q' on plate 9F, and sections R-R' to U-U' on plate 9G.

MAP SHOWING LITHOFACIES OF INTERVAL D OF MISSISSIPPIAN SYSTEM

