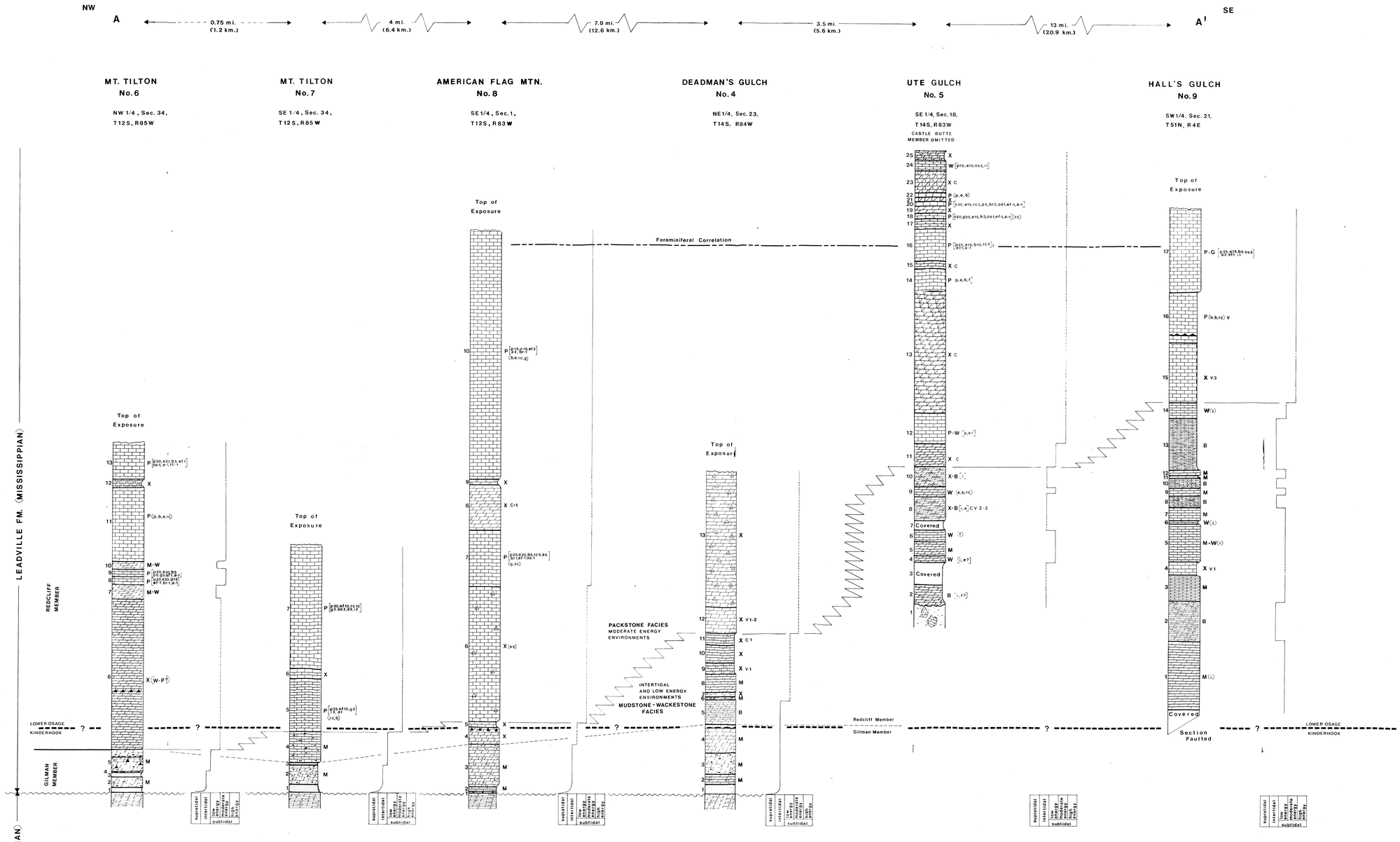


EXPLANATION

LITHOLOGIES

LIMESTONES — DOLOMITES

Massive Bedded
Medium Bedded
Thin Bedded
Arenaceous
Stromatolitic
Depositional Breccia
$CaCO_3$ <50% ← → $CaCO_3$ >50%

Sandstone — Shale — Quartz Latite Porphyry

DEPOSITIONAL TEXTURES

B Boundstone — G Grainstone — P Packstone — W Wackestone — M Mudstone — X Crystalline Carbonate

CARBONATE GRAINS

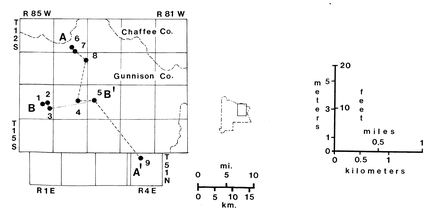
a calcareous algae — b brachiopods — br bryozoa — e echinoderms — ef endothyrid foraminifera
g gastropods — os ostracods — rc rugose coral — sc syringoporid coral — ss sponge spicules
t trilobites — o oolites — p peloids — i intraclasts — f fossils (undifferentiated)

DIAGENETIC FEATURES

Chert Nodules — Bedded Chert — Silicified — I Intergranular Solution Porosity
Stylolites — C Intercrystalline Porosity — V Vuggy Porosity

Numbers following grain and porosity symbols indicate percentage of each, where possible to estimate. Microscopic and macroscopic determinations in brackets and parentheses, respectively.

Bed number to left of sections, lithic code to right.



INDEX MAP

PLATE 1

STRATIGRAPHIC CROSS SECTION A-A'

M. D. WITTSTROM, JR.

1978
T-1876