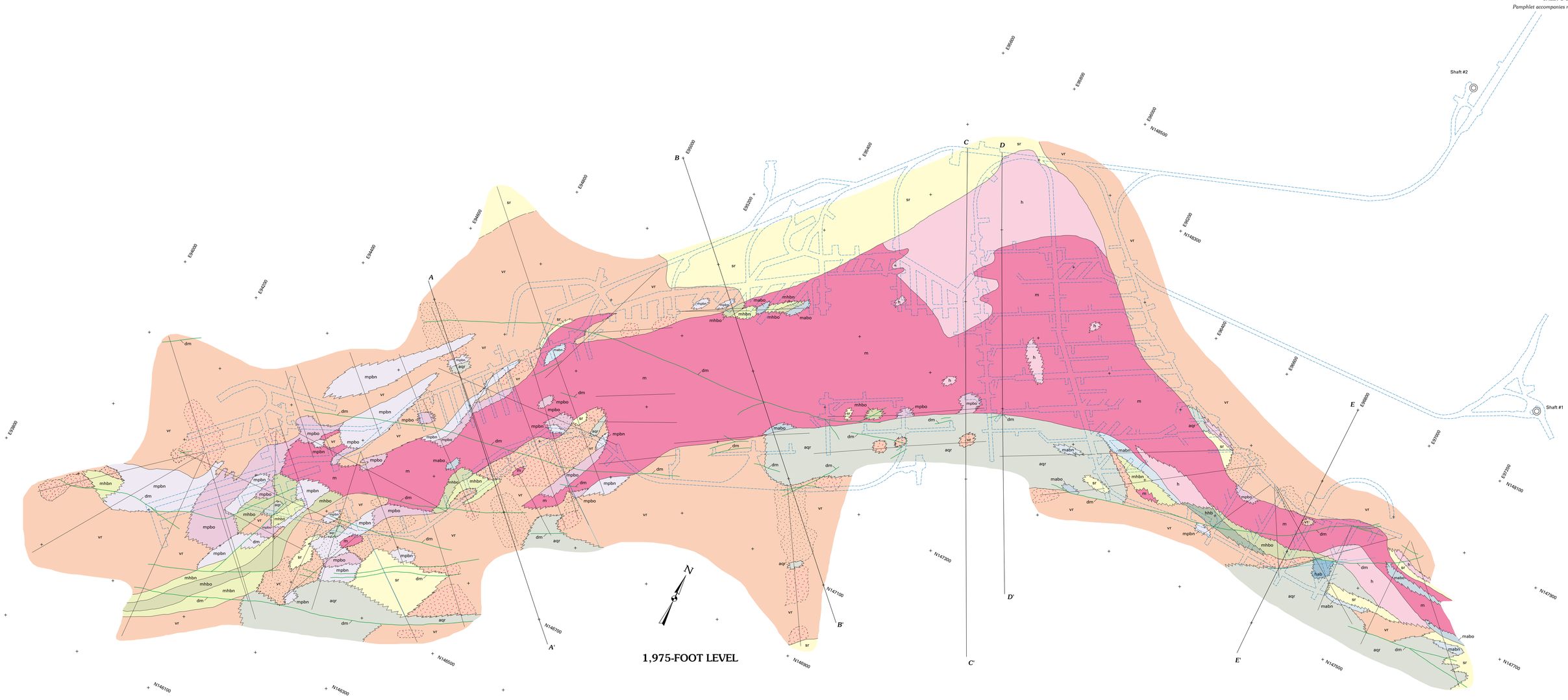
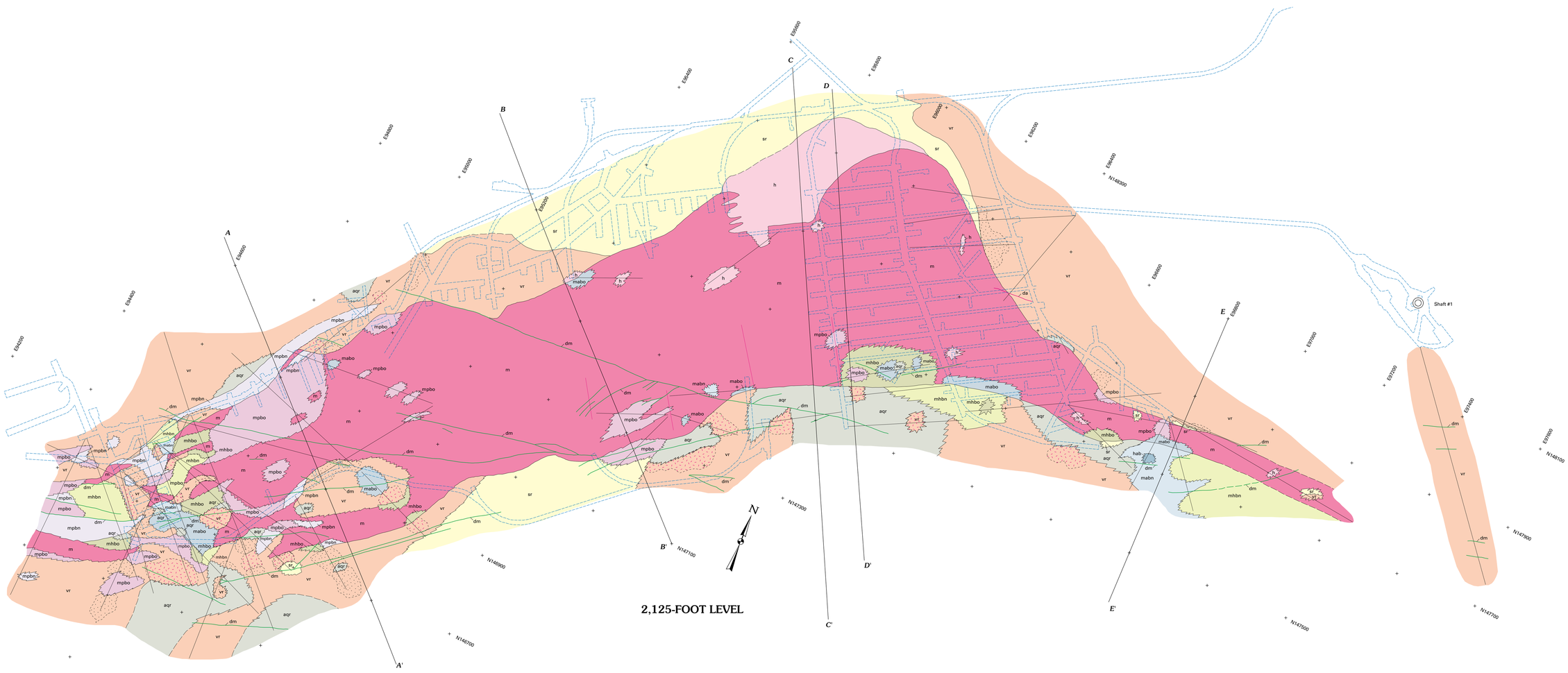
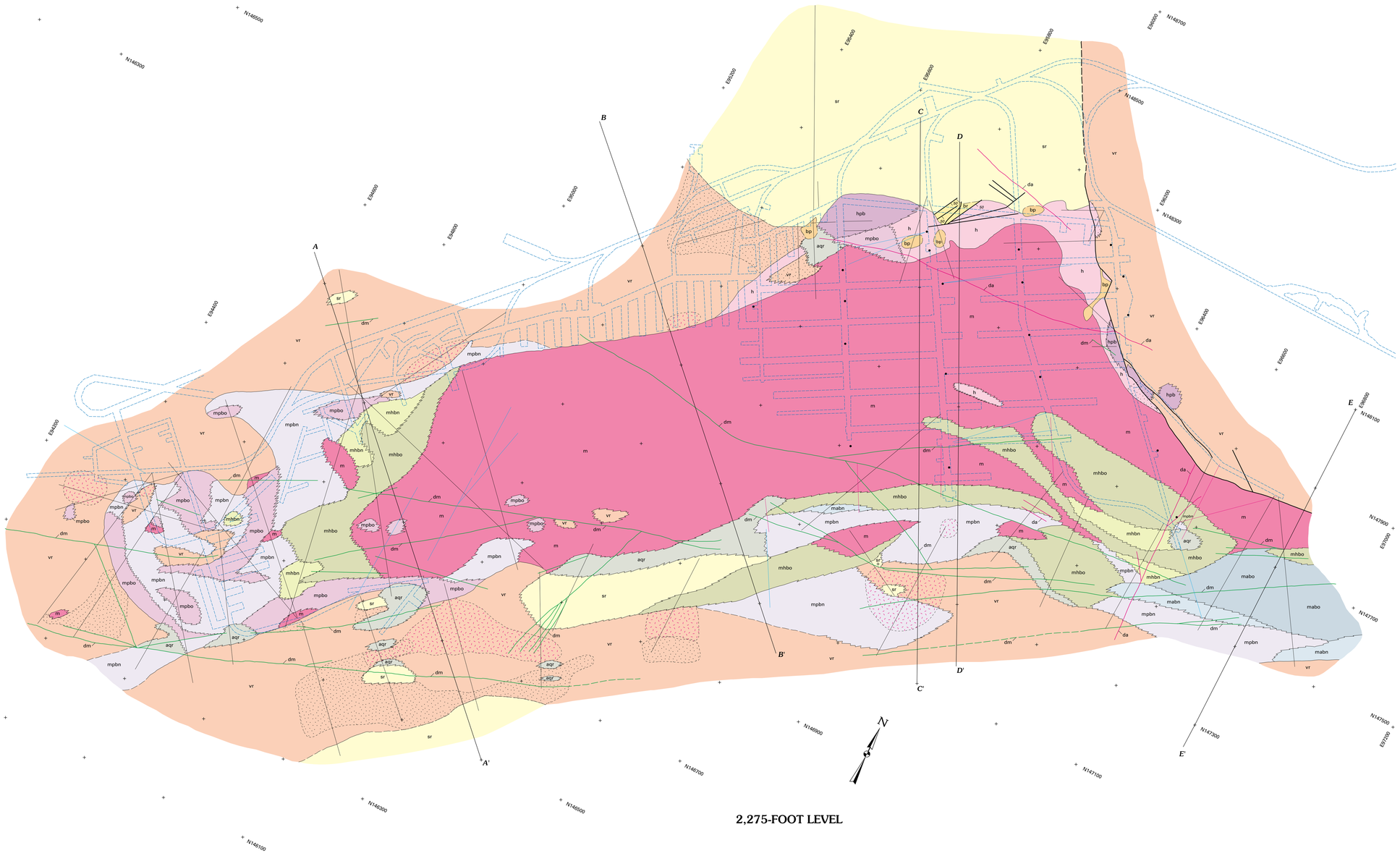
MISCELLANEOUS FIELD STUDIES MAP MF–2353
Version 1.0
SHEET 2 OF 5
Pamphlet accompanies map



1,975-FOOT LEVEL

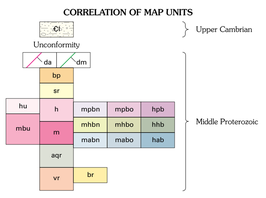


2,125-FOOT LEVEL



2,275-FOOT LEVEL

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- Ꞓl — Lamotte Sandstone (Upper Cambrian)

MIDDLE PROTEROZOIC UNITS

- da — Aplite dikes
- dm — Mafic dikes
- bp — REE mineral-bearing breccia pipes
- sr — Silicified rock
- h — Specular hematite
- hu — Hematite, undivided
- m — Magnetite

Pseudobreccia

- mpbn — Magnetite-cemented pseudobreccia non-ore
- mpbo — Magnetite-cemented pseudobreccia ore
- hpb — Hematite-cemented pseudobreccia

Iron oxide-cemented heterolithic breccia

- mhbn — Magnetite-cemented heterolithic breccia non-ore
- mhbo — Magnetite-cemented heterolithic breccia ore
- hhb — Hematite-cemented heterolithic breccia

Iron oxide-cemented amphibole breccia

- mabn — Magnetite-cemented amphibole breccia non-ore
- mabo — Magnetite-cemented amphibole breccia ore
- hab — Hematite-cemented amphibole breccia
- mbu — Magnetite-cemented breccia, undivided
- aqr — Amphibole-quartz rock
- vr — Volcanic rocks
- br — Banded rock

Contact—Dashed where projected or inferred; jagged where extremely gradational

Fault—Showing approximate dip where known. Dashed where projected or inferred. *R*, reverse fault

Mine workings—Open-ended workings indicate stopes or abandoned areas

Development drill holes

- Flat
- Inclined up
- Inclined down
- **Vertical**—Cross sections only

Shaft location

Altered rock

- Silicification and potassium feldspar alteration
- Amphibole alteration

SCALE 1:2,400

200 100 0 200 400 FEET

GEOLOGIC MAPS AND CROSS SECTIONS OF MINE LEVELS AT THE PEA RIDGE IRON MINE, WASHINGTON COUNTY, MISSOURI

By

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2001

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