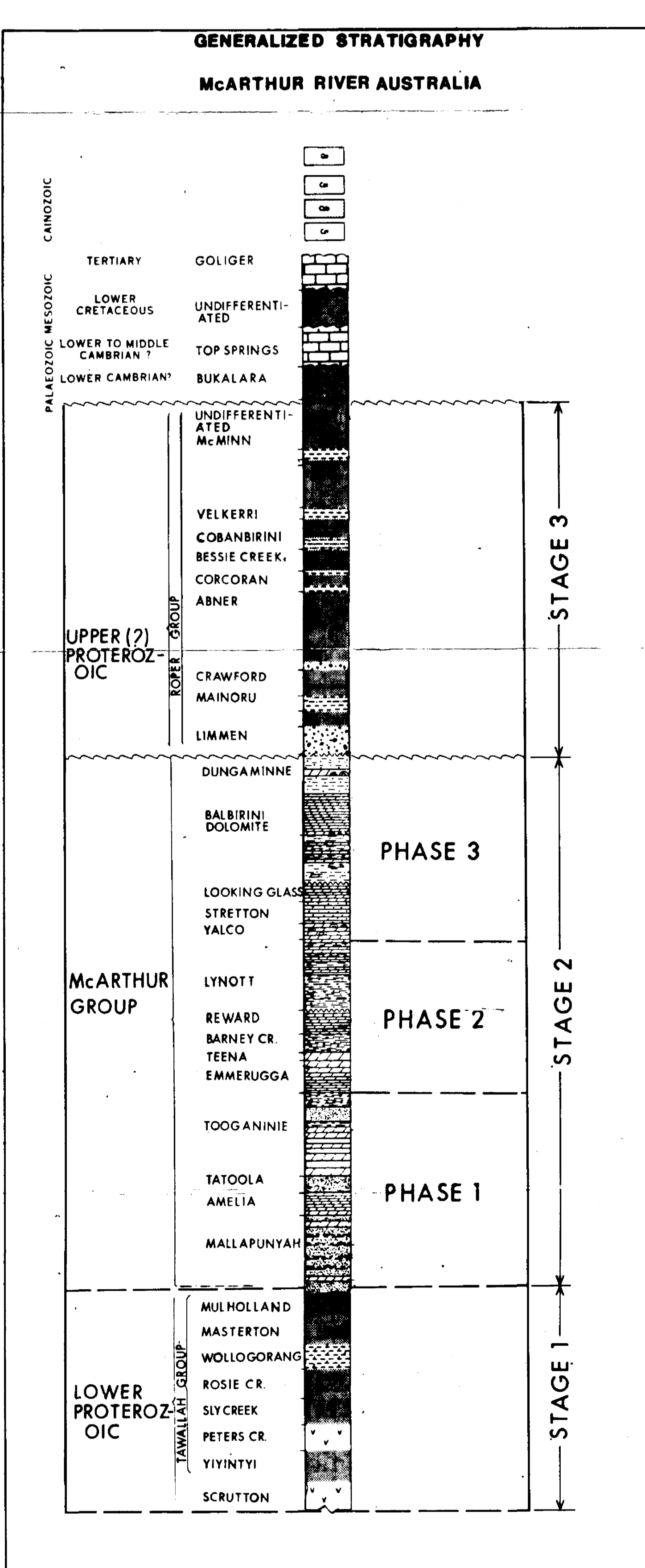
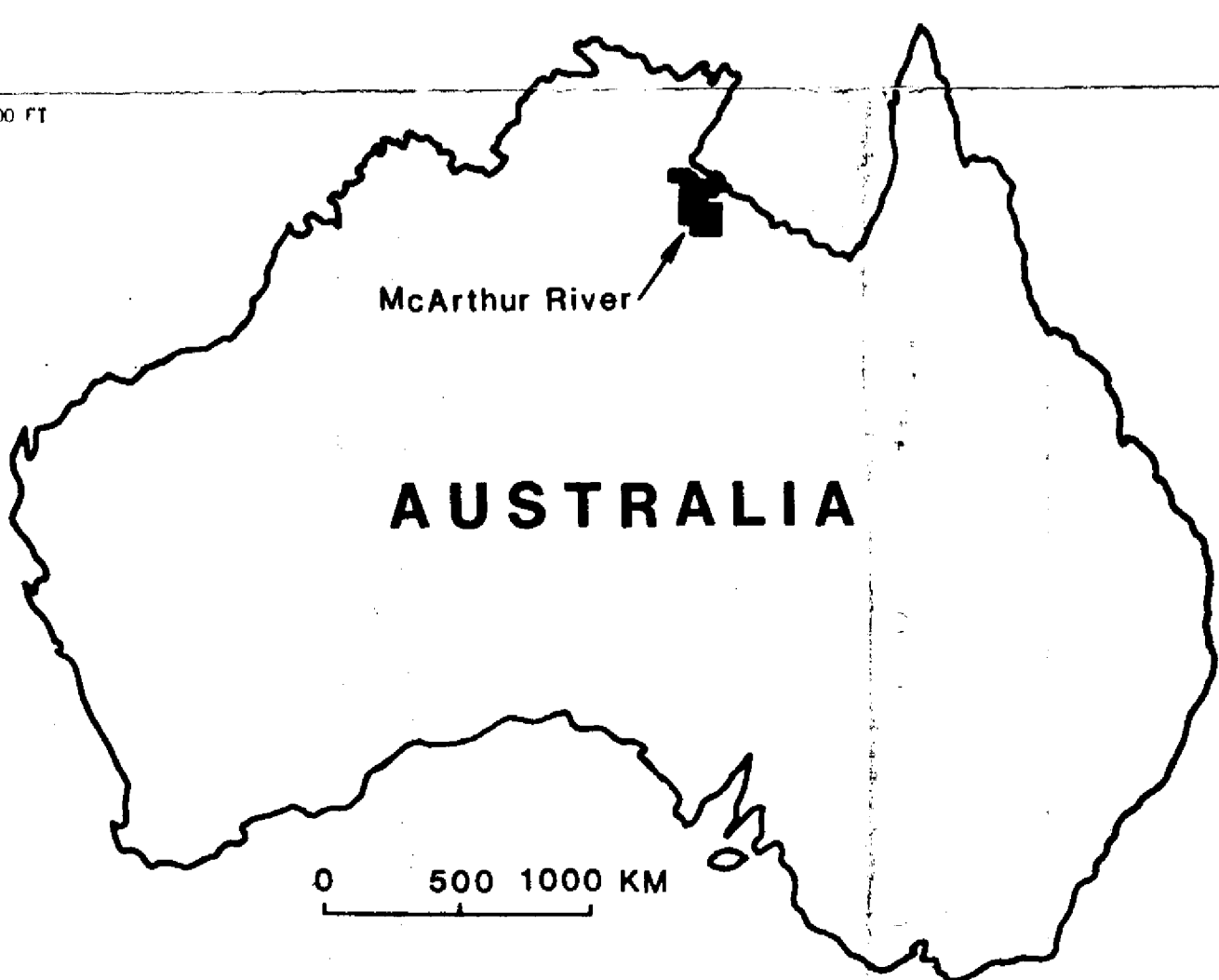
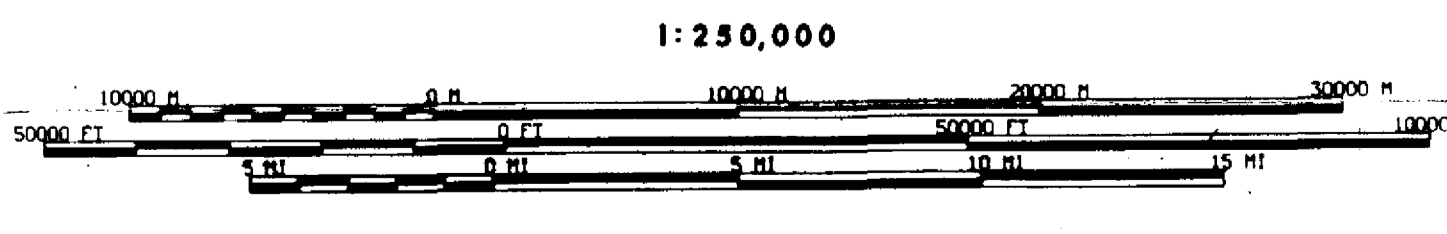


- LEGEND**
- FACIES:**
- SEDIMENTARY BRECCIA
 - SHALE RIP-UP CLASTS
 - TURBIDITE SEQUENCE
 - SANDSTONE
 - SILTSTONE
 - SHALE
 - DOLOMITE
- STRUCTURES:**
- STROMATOLITES (TABULAR, GLOBULAR)
 - SALT CASTS
 - CRYSTAL PSEUDOMORPHS
 - EVAPORITE
 - SILICIFIED
 - CHERT
 - OOLITES
 - STRIKE, DIP
 - BARITE OCCURRENCE
 - DEPOSITION DIRECTION
 - POSTULATED DEPOSITION DIRECTION
- CONTACTS:**
- CONTACT
 - POSTULATED CONTACT
 - UNCONFORMITY
 - POSTULATED UNCONFORMITY
 - CROSS BEDS (TABULAR, TROUGH)
 - CAULIFLOWER CHERT (ANHYDRITE PSEUDOMORPHS)
- PERMEABILITY AND POROSITY:**
- $K = 80 \text{ md}$ PERMEABILITY VALUE
 - $\phi = 20\%$ POROSITY VALUE
- LAB RESULTS**



- PRESENT LAND SURFACE UNCONFORMITY
 - BASAL ROPER GROUP UNCONFORMITY
 - NON-GENERATION TO PEAK OIL
 - PEAK OIL/MIGRATION TO OIL FLOOR
 - OIL FLOOR TO WET GAS FLOOR
 - DRY GAS ZONE
- NOTE FOR COREHOLES, MATURITY IS DEFINED BY S2/TOC.
FOR BROADMERE-1, MATURITY IS DEFINED BY S1/TOC, S2/TOC AND T MAX.



Amoco Australia Petroleum Company

AUSTRALIA

McARTHUR RIVER

ISO-MATURITY FENCE DIAGRAM

(WITH RESTORED SECTION TO END ROPER GROUP TIME)

Scale: HORIZ. 1:250,000
VERT. 1:24,000

Author: M.S. WOMER
Date: NOVEMBER, 1984

ENCLOSURE 9