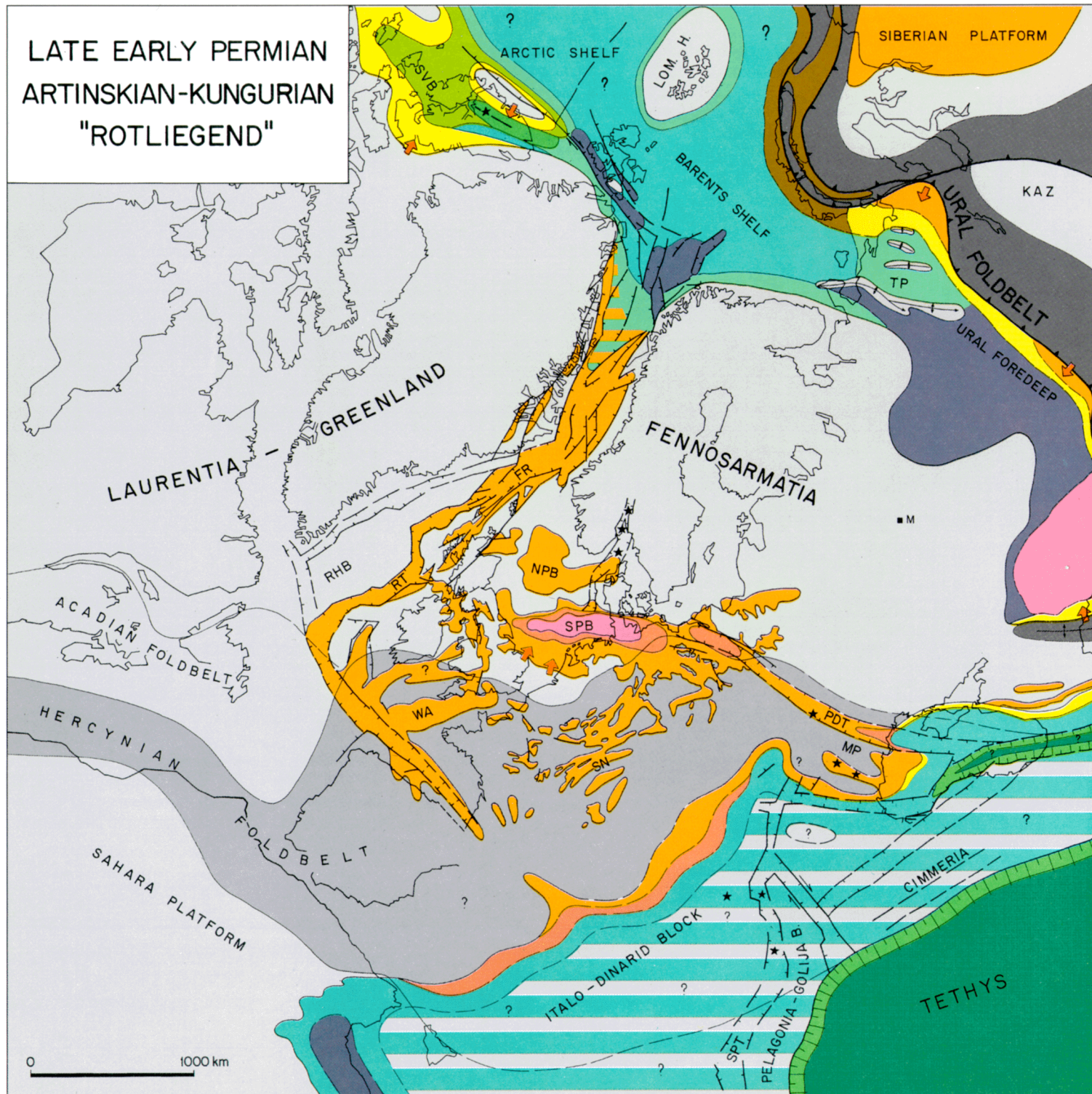


LATE EARLY PERMIAN
ARTINSKIAN-KUNGURIAN
"ROTLIEGEND"



DEPOSITIONAL ENVIRONMENT AND PRINCIPAL LITHOLOGY

- | | | | |
|--|---|--|--|
| | MAINLY CONTINENTAL CLASTICS | | MAINLY EVAPORITES |
| | DELTAIC-SHALLOW MARINE, MAINLY SANDS | | EVAPORITES, CLASTICS AND CARBONATES |
| | SHALLOW MARINE, MAINLY SHALES | | EVAPORITES AND CARBONATES |
| | SHALLOW MARINE, CARBONATES AND CLASTICS | | DEEPER MARINE CLASTICS AND/OR CARBONATES |
| | SHALLOW MARINE, MAINLY CARBONATES | | DEEPER MARINE, MAINLY SANDS (FLYSCH) |
| | EVAPORITES AND CLASTICS | | BASINS FLOODED BY OCEANIC CRUST |

POSITIVE AREAS

- | | |
|--|----------------------|
| | ACTIVE FOLD BELTS |
| | INACTIVE FOLD BELTS |
| | ANOROGENIC, CRATONIC |

VOLCANIC ACTIVITY

- | | |
|--|-----------------|
| | PLATEAU BASALTS |
| | ANOROGENIC |
| | OROGENIC |

AUXILIARY SYMBOLS

- | | | | |
|------|------------------------|-----|-----------------------------------|
| | FAULTS, WRENCH, NORMAL | | DIRECTION OF CLASTIC INFLUX |
| | MAJOR THRUST FAULTS | | CONTINENTAL SLOPE |
| | SUBDUCTION ZONES | | ACTIVE SEA-FLOOR SPREADING AXIS |
| | MAJOR ANTICLINAL AXIS | | AS ABOVE, WITH MAGNETIC ANOMALIES |
| FR | FAEROE RIFT | RT | ROCKALL TROUGH |
| KAZ | KAZAKHSTAN BLOCK | SN | SAAR-NAHE TROUGH |
| LOMH | LOMONOSOV HIGH | SPB | SOUTHERN PERMIAN BASIN |
| MP | MOESIAN PLATFORM | SPT | SUB-PELAGONIAN TROUGH |
| NPB | NORTHERN PERMIAN BASIN | SVB | SVERDRUP BASIN |
| PDT | POLISH-DOBRUGEA TROUGH | TP | TIMAN-PECHORA AREA |
| RHB | ROCKALL-HATTON BANK | WA | WESTERN APPROACHES TROUGH |