EXPLANATION FOR METALLOGENIC-TECTONIC MODEL

TECTONIC ENVIRONMENTS

- CRATONAL
- CRATON-MARGIN
- IGNEOUS ARC
- SUBDUCTION ZONE
- BACK-ARC
- POST-ACCRETION
- OCEANIC PLATE
- COLLAGE OF ACCRETED TERRANES

CONTACTS AND FAULTS

- CONTACT
- THRUST FAULT
- OBLIQUE THRUST FAULT
- STRIKE-SLIP FAULT
- SUBDUCTION ZONE
- TRANSFORM FAULT

SYMBOLS

- OCEANIC RIDGE
- BACK-ARC SPREADING
- SUBDUCTION-RELATED PLUTONIC ROCKS
- COLLISIONAL GRANITES
- RELATIVE PLATE MOTION

TECTONIC ENVIRONMENTS FOR METALLOGENIC BELTS

- SUBDUCTION - AXIAL ARC, FOREARC, AND BACKARC
- COLLISIONAL - ANATECTIC IGNEOUS ARC & REGIONAL METAMORPHISM
- POST-COLLISION - EXTENSIONAL METAMORPHISM
- RIFTING - SEA FLOOR, BACK-ARC, CONTINENTAL
- TRANSFORM MARGIN - IGNEOUS ARC AND REGIONAL METAMORPHISM