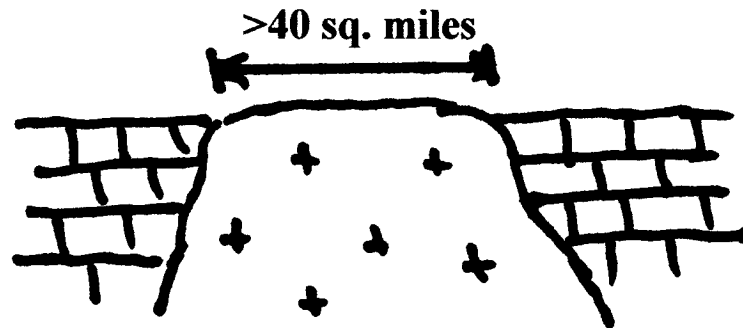


(3) BATHOLITH-NO FLOOR, GENERALLY HAVE STEEP SIDES, EXPOSED MAP AREA IS >40 sq. miles



CHARACTERISTICS:

- 1. LOCATED IN MOUNTAIN RANGES; THE NUMBER AND SIZE IS DIRECTLY RELATED TO INTENSITY OF FOLDING; NOT NECESSARILY CAUSED FOLDING**
- 2. USUALLY RUN PARALLEL TO AXES OF MOUNTAIN RANGES**
- 3. INTRUDED ACROSS FOLDS; FORMED AFTER FOLDING OF MOUNTAINS**
- 4. IRREGULAR DOME-SHAPED ROOF STOPPING XENOLITHS**
- 5. COMPOSED OF GRANITE AND GRANODIORITE**
- 6. REPLACED ROCKS INTO WHICH INTRUDED, NOT PUSHED ASIDE**
- 7. LARGE VOLUME OF ROCK**
- 8. LARGE DOWNWARD EXTENT (10-15 km)**