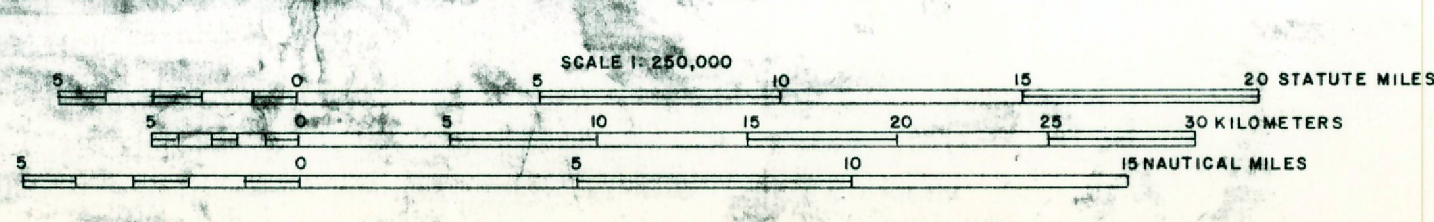


Figure 7. Effect of a magma body on seismic waves. Microearthquakes originating above chambers are delayed only along paths to more distant stations, when they pass through the melt. Ascending teleseismic waves are delayed and attenuated only where they pass through the magma.



Numbers of events arriving from different azimuths (blue=delays, yellow=advances, green=both). The major source of delayed arrivals is the yellow stippled area. Green triangles are stations showing no evident delay. Red zone signifies sector in which S-waves are absorbed enroute to Station W.W.

**AMAX EXPLORATION, INC.**  
DENVER, COLORADO  
PORTION OF ESCALANTE  
& BLACK ROCK DESERTS-UTAH  
MICROEARTHQUAKE TRAVEL-TIME DELAYS  
DATA SOURCE: GLENN & WATSON, 1976  
TOPO SOURCE: DELTA, HUGHFIELD, 1962; CEDAR CITY, 1961  
DATE: 11-1-76

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