



Department  
of the  
Interior

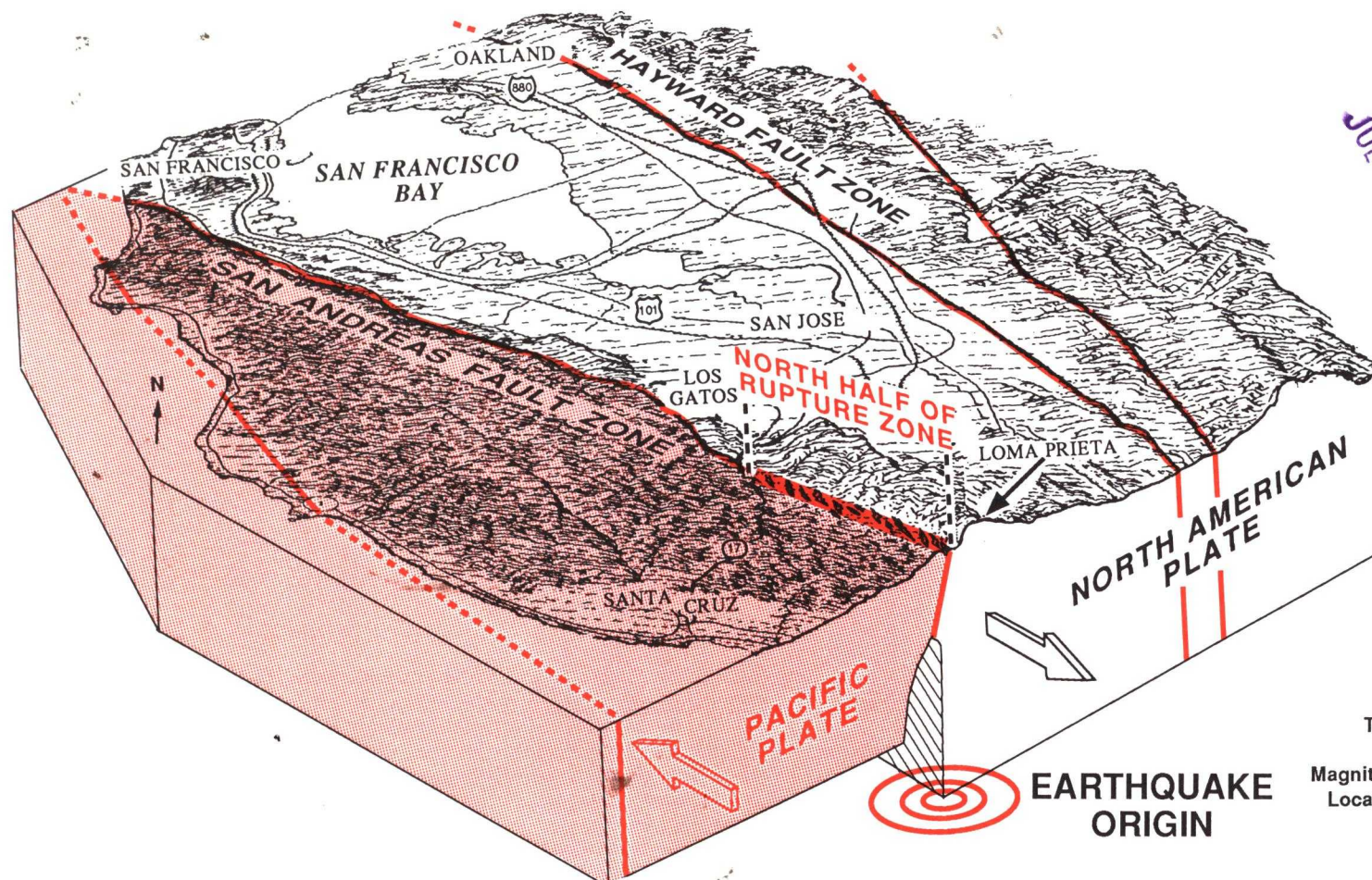
# THE LOMA PRIETA EARTHQUAKE OF OCTOBER 17, 1989



U.S. Geological  
Survey

*A brief geologic view of what caused the Loma Prieta earthquake and  
implications for future California earthquakes*

## WHAT HAPPENED . . . WHAT IS EXPECTED . . . WHAT CAN BE DONE



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**Time:** October 17, 1989  
15.24 seconds after 5:04 p.m. (PDT)  
**Magnitude:** 7.1  
**Location:** Lat. 37.036° N., long. 121.883° W.  
Depth 11.5 miles  
9 miles northeast of Santa Cruz,  
60 miles south-southeast of  
San Francisco