

GEOLOGY

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Steve ergman, Adjunct Assistant Professor, Ph.D. Princeton University. Tectonics of sedimentary basins, surface processes, volcanology, geochronology and hard rock petrology.

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In times of war, international crisis, or national calamity, forensic geology becomes a useful investigative tool when these types of events have the potential to ratchet up tensions between countries. Geologists observing videos of Osama bin Laden identified the rock formations in the background narrowing down the possible search area. Subsequent videos did not portray details of the landscape or were shot with curtains in the background to conceal rock formations that might reveal the location of the camps.

Seismology pinpointed the explosive yield and a precise time for the Al Qaeda attack on the American Embassy in Nairobi, Kenya. It was also used to show that the destruction of the Russian submarine *eK* a ab .^x 0730 A.^x 12, 2000, a d.^x ha b a d he .^b a e. Th a - a e .^x ha ca be d.^x ca ed f ead a a ab e .^b c f a , a d h . ha he d a e a he e .^x f a c . ha he e e d ff.^x - .^a a e a c . Se .^a f he O ah a C b b .^a d he .^b e .^x de f he Fede a Ce e e a ed a he a .^a ed b a .^a .^a ha a .^a ed a .^a a .^a .^a .^a b b.

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