

North Korea preparing new nuclear test

Pyongyang could be in the final stages of preparations for a sixth nuclear test, according to intelligence reports

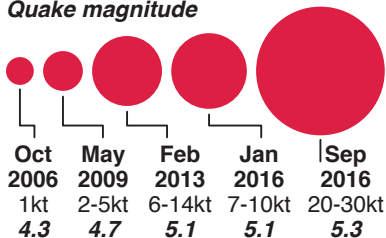
PUNGGYE-RI TEST SITE

Tests conducted in horizontal tunnels stretching about 1km into **Mount Mantap** – 2,205m granite peak 80km from nearest city



NUCLEAR TESTS

Estimated yields (1 kilotonne equivalent to 1,000 tonnes of TNT)
Quake magnitude



Test estimated to be conducted 700 metres underground

TUNNEL LAYOUT: Based on tunnel featured in propaganda film of 2009 test. Shaped like fish-hook, similar to design used by Pakistan

Sharp corners, and several dead ends used as debris traps, help deflect and absorb blast

- 1 Blast doors
- 1 Debris trap

Tunnel:
3m wide x 3m high

Tunnel entrance

Blast intended to be absorbed within area defined by first four bulkheads

Nuclear device:
Placed at farthest end of tunnel



Sand, gravel or other materials can be mixed with concrete to plug segments of tunnel to further contain explosion and prevent ejecta from escaping into atmosphere