

Gaza's underground warfare

Hamas hopes its tunnels will compensate for Israel's overwhelming military superiority, while the IDF hopes its technology can transform them from a refuge into a trap

GBU-28:
Penetrates up to 30 metres



— Tunnels allegedly destroyed by IDF in previous military operations

TUNNELS' NETWORK

Believed to be hundreds of kilometres long

IDF using ground-penetrating radar and gravity detectors to map out tunnels

GAZA STRIP

Khan Younis



3 BUNKER-BUSTER BOMBS

Laser-guided bombs that penetrate ground before detonating, can destroy relatively shallow tunnels



YAHALOM FORCES

Special operations unit of IDF's **Combat Engineering Corps** tasked with clearing and destroying tunnels. **Samur** (Weasels) commandos trained specifically to fight underground

1 ROBOTS

Equipped with cameras, explore tunnels and detonate booby traps

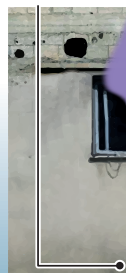
IRIS throwbot:
Can roll through tunnels



MTGR (Micro Tactical Ground Robot):
Can climb stairs

2 PURPLE HAIR

Smoke grenade thrown into tunnel. If purple smoke – moving like strands of hair – exits from nearby building, that reveals another entrance



4 DRONES

Lanios quadcopter uses computer vision to fly in enclosed spaces

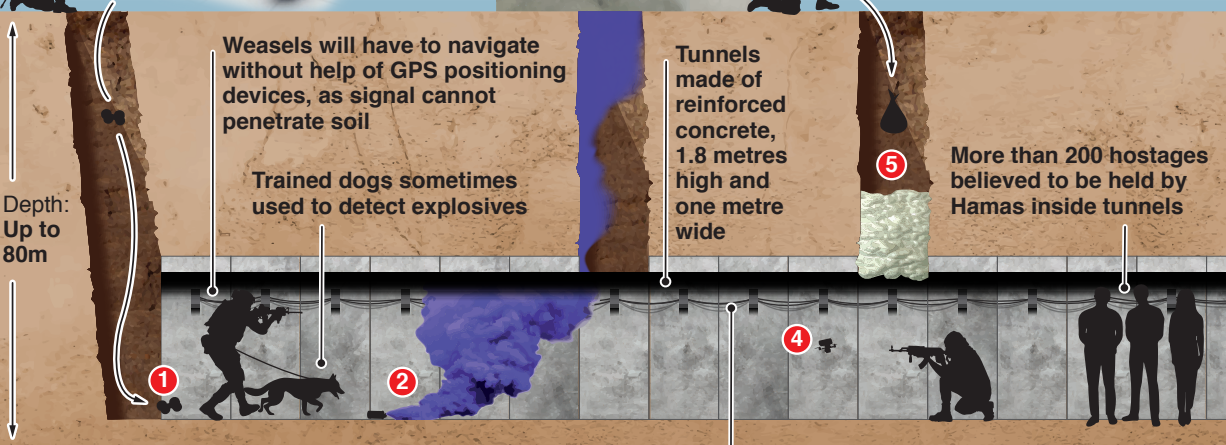
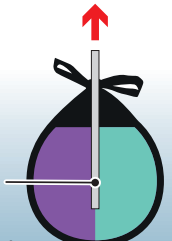
Lanios can carry grenade-sized munition



5 SPONGE BOMBS

Large plastic bag contains two chemicals that, when mixed, expand into foam that hardens like concrete, blocking passages

Pole separating liquids extracted before bomb is thrown into tunnel



■ Israel accuses Hamas of using public buildings – including Gaza's main hospital, **Al Shifa** – as shield for tunnels

■ Tunnel system includes command centres, medical facilities, storage areas and areas to manufacture rockets

■ Tunnels laced with electric wires for telephone and internet. Guarded by mines and booby traps

■ Some tunnels reportedly lined with transport rails to move rockets to locations where they can be launched