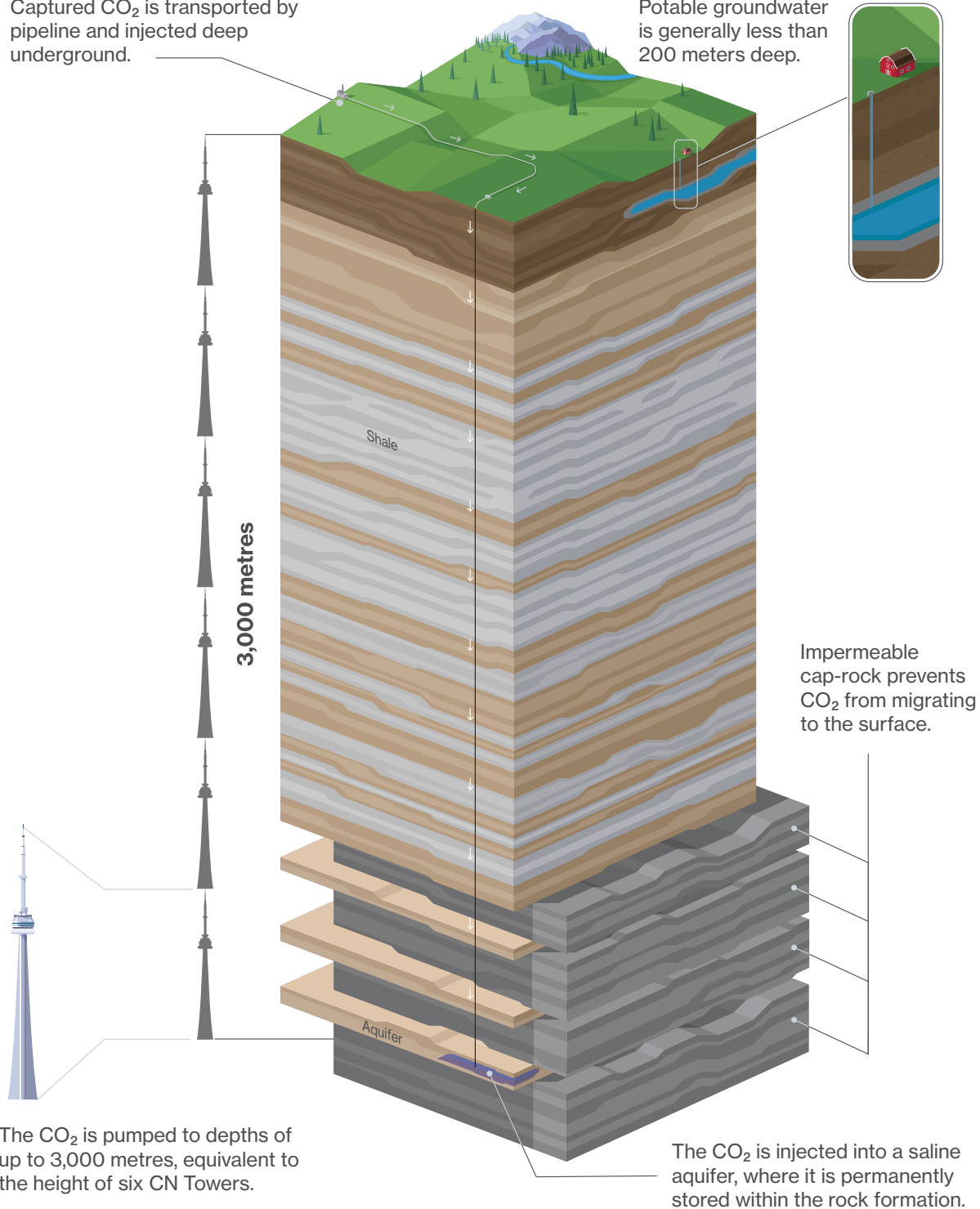


Carbon Transportation and Storage

Carbon Capture and Storage (CCS) is a proven, reliable process that captures carbon dioxide (CO₂) from industrial facilities and stores it safely and permanently underground to avoid its release into the atmosphere. After being captured, the CO₂ is injected into a deep subsurface geological storage formation at depths of up to 3,000 meters.

Captured CO₂ is transported by pipeline and injected deep underground.

Potable groundwater is generally less than 200 meters deep.



Impermeable cap-rock prevents CO₂ from migrating to the surface.

The CO₂ is pumped to depths of up to 3,000 metres, equivalent to the height of six CN Towers.

The CO₂ is injected into a saline aquifer, where it is permanently stored within the rock formation.