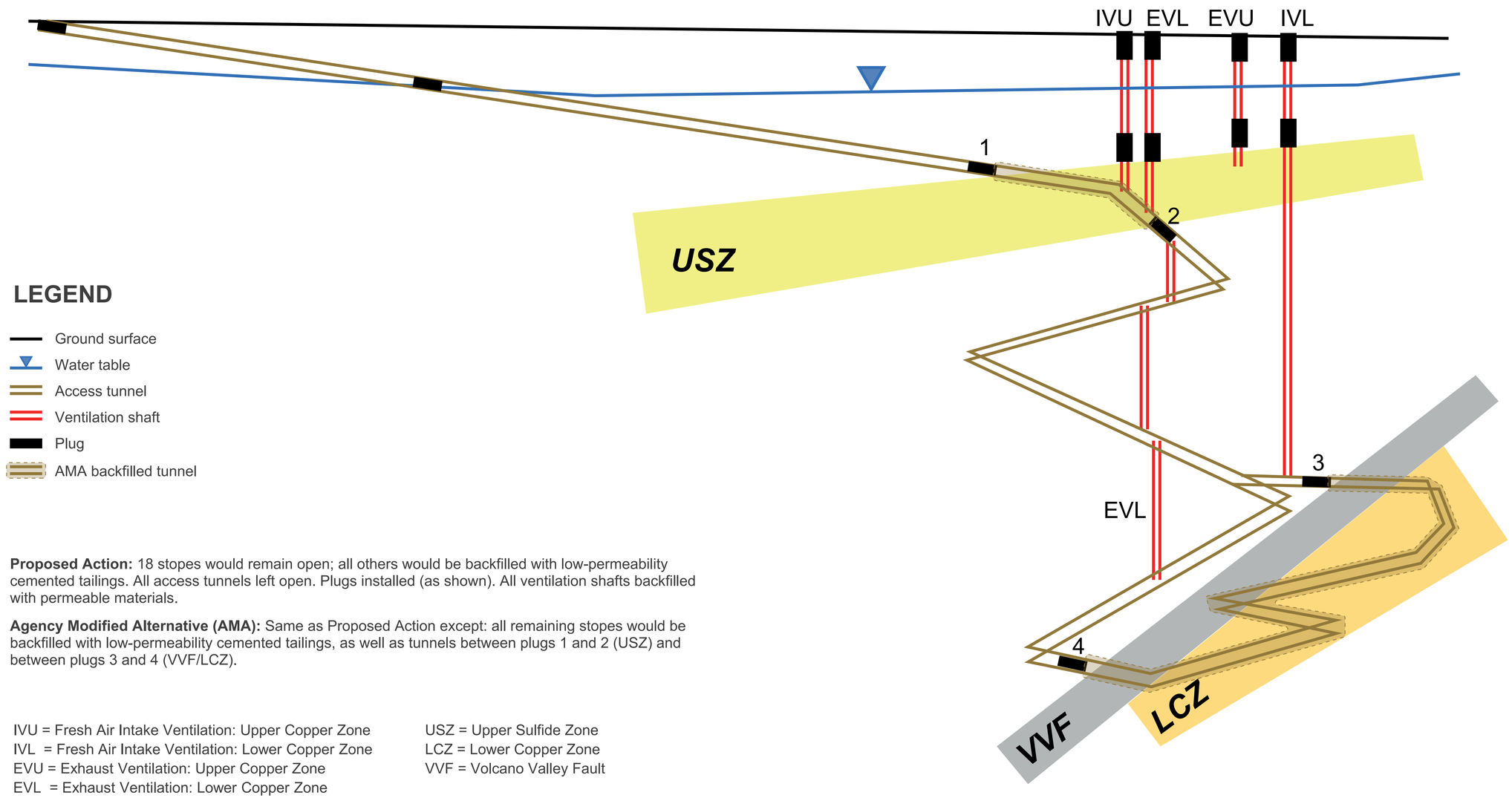
Cross-Section of Underground Workings Showing Hydraulic Barriers Installed in Closure



LEGEND

- Ground surface
- Water table
- Access tunnel
- Ventilation shaft
- Plug
- AMA backfilled tunnel

Proposed Action: 18 stopes would remain open; all others would be backfilled with low-permeability cemented tailings. All access tunnels left open. Plugs installed (as shown). All ventilation shafts backfilled with permeable materials.

Agency Modified Alternative (AMA): Same as Proposed Action except: all remaining stopes would be backfilled with low-permeability cemented tailings, as well as tunnels between plugs 1 and 2 (USZ) and between plugs 3 and 4 (VVF/LCZ).

IVU = Fresh Air Intake Ventilation: Upper Copper Zone
IVL = Fresh Air Intake Ventilation: Lower Copper Zone
EVU = Exhaust Ventilation: Upper Copper Zone
EVL = Exhaust Ventilation: Lower Copper Zone

USZ = Upper Sulfide Zone
LCZ = Lower Copper Zone
VVF = Volcano Valley Fault

Prepared by: AMEC and TintinaResources (2017).