

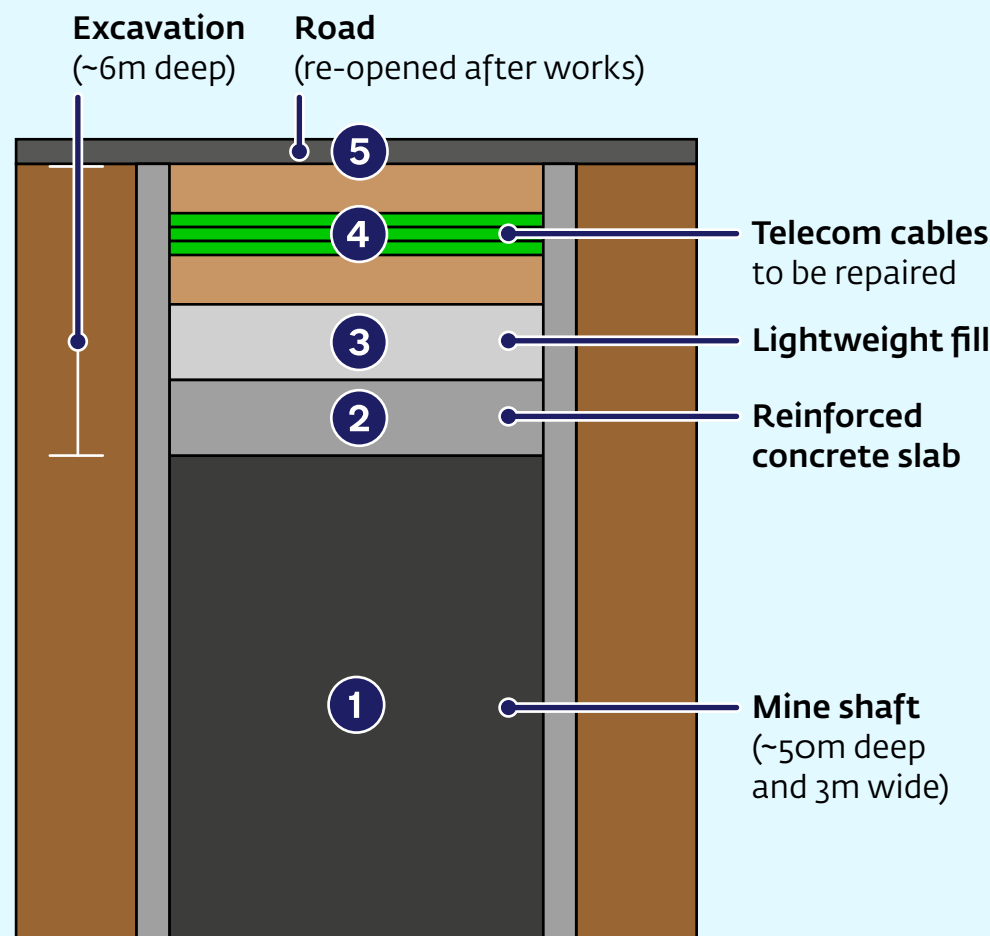
Repairing and stabilising the mine shaft

Fixing the water pipe and telecom cables,
and making the area safe for the future

How it works – five stages

- 1 Fill the shaft**
Special grout is pumped into the shaft to fill voids and stabilise the ground.
- 2 Install a reinforced concrete slab**
A strong concrete slab with steel reinforcement is built over the shaft.
- 3 Add lightweight fill**
Lightweight material is placed above the slab to reduce loading while providing support.
- 4 Repair utilities and backfill**
The telecom cables are repaired and the excavation is carefully backfilled.
- 5 Rebuild the road**
The road is reinstated with new surfacing, drainage and road markings.

Cross-section (not to scale)



The benefits



Safer for everyone



Protects underground services



Reduces future risk



Restores the road and keeps the area moving