



## FROOD – STOBIE ICE STOPE

Seasonal ice thermal storage for heating and cooling of air for mine ventilation.

### Heating process:

In winter warm service water is spray onto incoming sub-zero mine ventilation air, which harnesses the heat from the water droplets. This produces ice and warmer air.

### Cooling process:

The ice is stored throughout spring to be used in summer to produce chilled water for cooling the mine ventilation air in the bulk air cooler.

