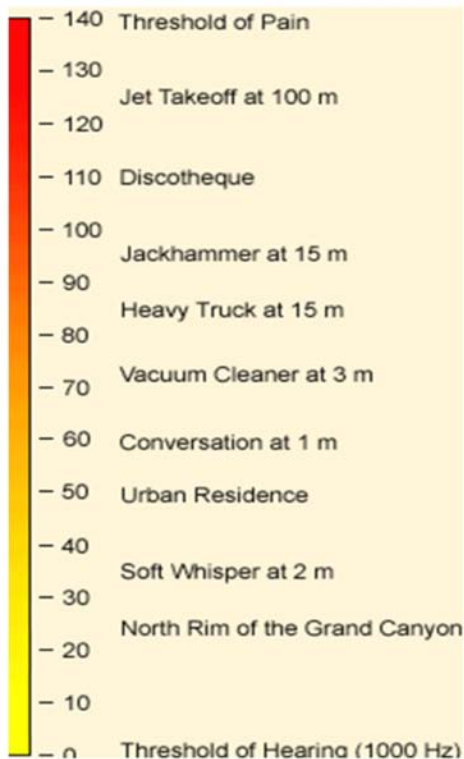


NOISE HAZARD ALERT

Typical A-Weighted Sound(dBA)



Health Hazard

Health effects or consequences of excessive noise exposure include:

- **Permanent hearing loss**
- **Tinnitus (ringing in the ears)**
- **Acoustic trauma (burst eardrum)**
- **Non-auditory effects (elevated blood pressure, fatigue)**
- **Interference with communication**

If you need to raise your voice to be heard, then the noise level is high enough to cause hearing loss.

Exposure Risk for Aggregate Operations

Noise is a potential hazard in all mining work places. Excessive noise over time may cause permanent hearing loss. Hearing cannot be repaired once lost. Work-related hearing loss is preventable.

Excessive Noise Exposure Sources

Mining activities that can generate excessive noise include:

**Crushing Plants Mobile Equipment Diesel Engines
Handheld Power Tools Compressed Air
Drilling or Breaking Rock Quality Control Equipment**

Maximum permissible noise exposure for unprotected ears on a daily basis:

85 decibels (dBA) average for 8 hours

Protect Yourself Using Noise Controls

Isolate by enclosing workers in noise controlled booths, such as loader cabs with sound proofing
Keep Doors & Windows Closed while operating equipment

Perform a Sound Survey to identify areas and activities with high noise levels (>85 dBA)

Train to understand the hazards and take the right preventative measures

Wear Hearing Protection when other controls don't work well enough and where noise levels exceed the maximum permissible level for unprotected ears

