

Air quality, noise & vibration



Current situation

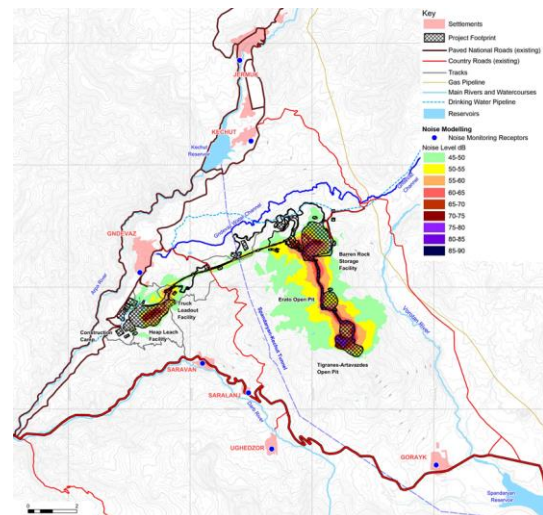
- Due to its rural location, baseline air and noise pollution levels around Amulsar are low. The most common emission in the locality is dust or particulate matter.
- There are few existing sources of noise or vibrations in the surrounding areas.

What are the potential issues and impacts?

- Activities during construction and operations will produce dust. The majority of this will settle within 1km of the site and will therefore not reach local communities.
- Construction and operations will generate some noise and vibration, but these will remain well within national and international standards and are not expected to cause any significant impacts in local communities.

What will Lydian do to manage these potential impacts?

- Facilities such as the crushing plant and conveyor will be enclosed to contain dust and noise.
- Access roads will be sprayed with non-hazardous chemicals to further limit dust. Equipment with built-in emission controls will be regularly maintained.
- Particularly noisy activities, such as blasting, will be done in the day time to limit their impact and blasting schedules will be publicised in advance. Noise and vibration levels will be regularly monitored and reported.



What impacts might remain?

- After management and mitigation measures have been applied, no negative impacts on air quality are expected to remain in the shorter or longer term.
- There are unlikely to be any noise-related impacts on communities once management measures are implemented during operations.