

GREAT WHITE KAOLIN PROJECT

AIR QUALITY

During construction and operation there will be no adverse impact to public health nor safety from dust or air emissions.

DUST

Andromeda has a commitment to undertake air quality monitoring, by measuring and monitoring dust around the perimeter of the Project, as required. Modelling of the Project's predicted Particulate Matter (PM) levels will be undertaken as part of the Mining Proposal.

Air quality is categorised for measurement and monitoring by the range of particles within the air as a PM level.

- Particles <2.5 micron – PM2.5
- Particles <10 micron – PM10
- Particles <50 micron – Total Suspended Particulates (TSP).

DUST SOURCES

Andromeda has identified a number of likely sources of dust during construction and operation:

- Loading, unloading and hauling ore and overburden
- Hauling ore to the run-of-mine (ROM) stockpile
- Construction of the Project access road
- General vehicle movements over unsealed access and Project roads
- Wind erosion from exposed surfaces (i.e. overburden and ore stockpiles)
- Drilling and blasting of overburden rock.

DUST MANAGEMENT

Andromeda is committed to applying mitigation strategies which ensure the operation remains well below the allowable air quality emissions. On site management and mitigation strategies include:

- Use of water trucks, as necessary
- Maintenance of internal and access roads with use of dust suppressants (biodegradable binder)
- Minimisation of vehicle movements and speed
- Use of covered trucks to transport product during stage one
- Minimisation of areas exposure to wind erosion – immediate production area only to be opened to mining
- Rehabilitation of land, as soon as practicable
- Landscaped earth bunds and boundary vegetation surrounding the operating area to provide windbreaks.

The Great White Kaolin Project mining schedule is planned to minimise the extent of exposed areas susceptible to wind erosion. Mined areas will be backfilled and rehabilitated to cover exposed ground with vegetation as soon as practicable.



Proposed operating area.



Water truck.



Dust suppression (if applicable).



Example of vegetated windbreak.