

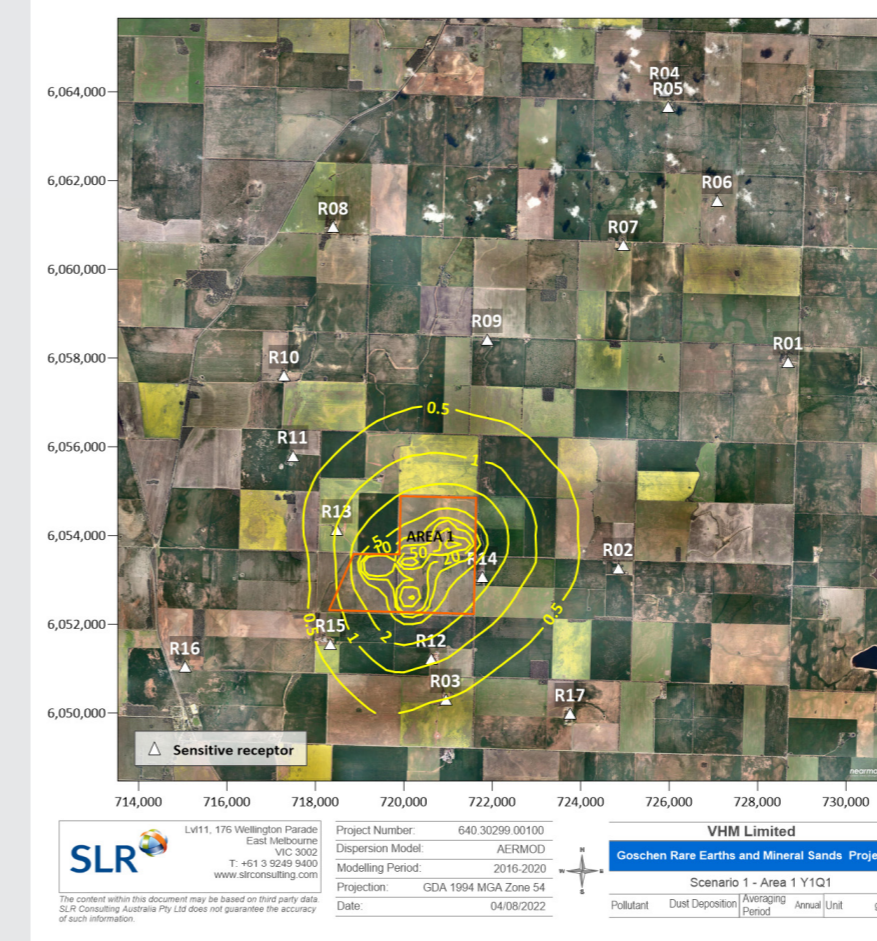
How we manage and reduce impact on existing air quality

Project design

- Ore will be slurried and pumped from mining unit plants (MUPs) to the processing plant in Area 1 – reducing truck haulage and potential for dust on unsealed roads.
- At the start of mining operations, when topsoil and overburden which will be stockpiled, dust generated by wind erosion of exposed areas will be suppressed by water sprays and primary earthworks. Within a few years, the mine will move to a progressive rehabilitation phase where topsoil and overburden will be used to backfill the adjacent mine voids, reducing haulage, double handling, and stockpile dust generation.

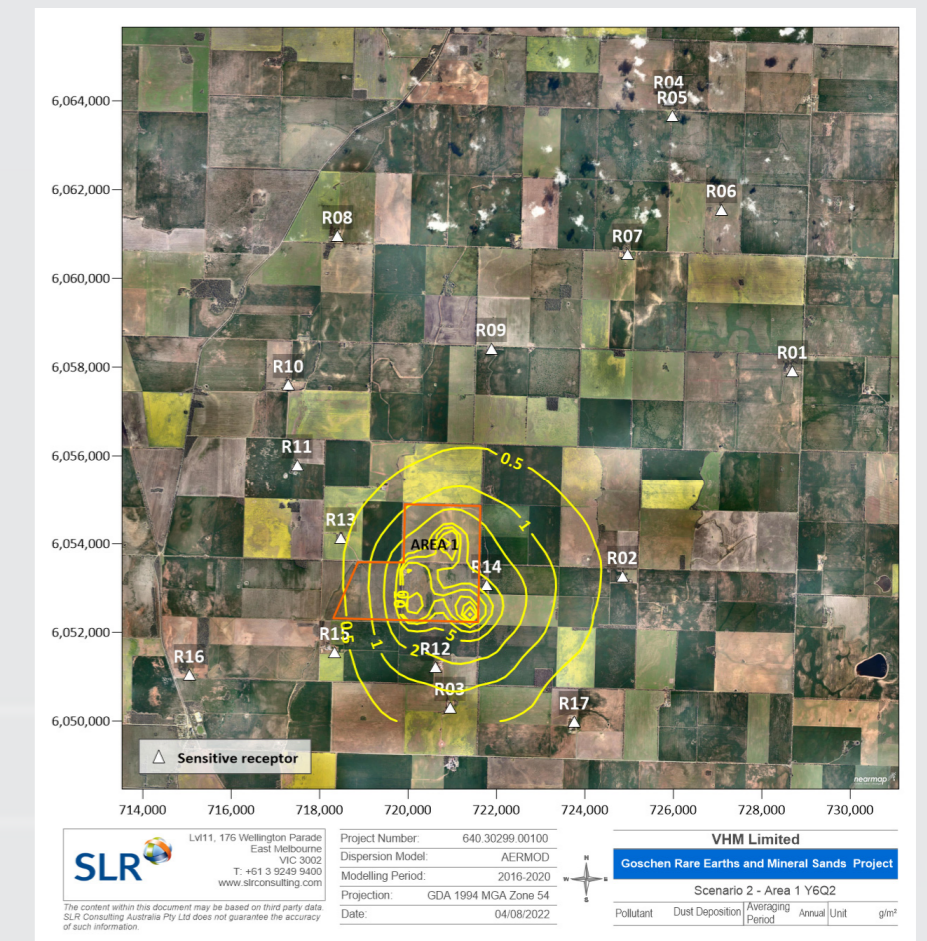
Operational mitigation and contingency measures

- Developing an Air Quality Management Plan detailing monitoring methods, schedules, reporting requirements.
- Active mining occurring in only six cells at any one time – each cell is estimated to be ‘open’ for a duration of 8-12 months.
- Surface rehabilitation and revegetation occurs progressively through life of mine.
- Continuous and real time dust monitoring in accordance with relevant Australian Standards at nearest residence.
- Implementing best practice dust emission measures (maintaining moisture content with water sprays, misting systems, water trucks, product leaving site in sealed freight containers, low silt content road surfaces).
- Daily monitoring of weather patterns and potential excessive dust generation and managing operational activities to suit (such as reducing operations in windy conditions, deploying extra water carts to water roads, reducing vehicle speed).
- Landowner agreements with closest residences to vacate during the period when highest impacts from mining are anticipated.



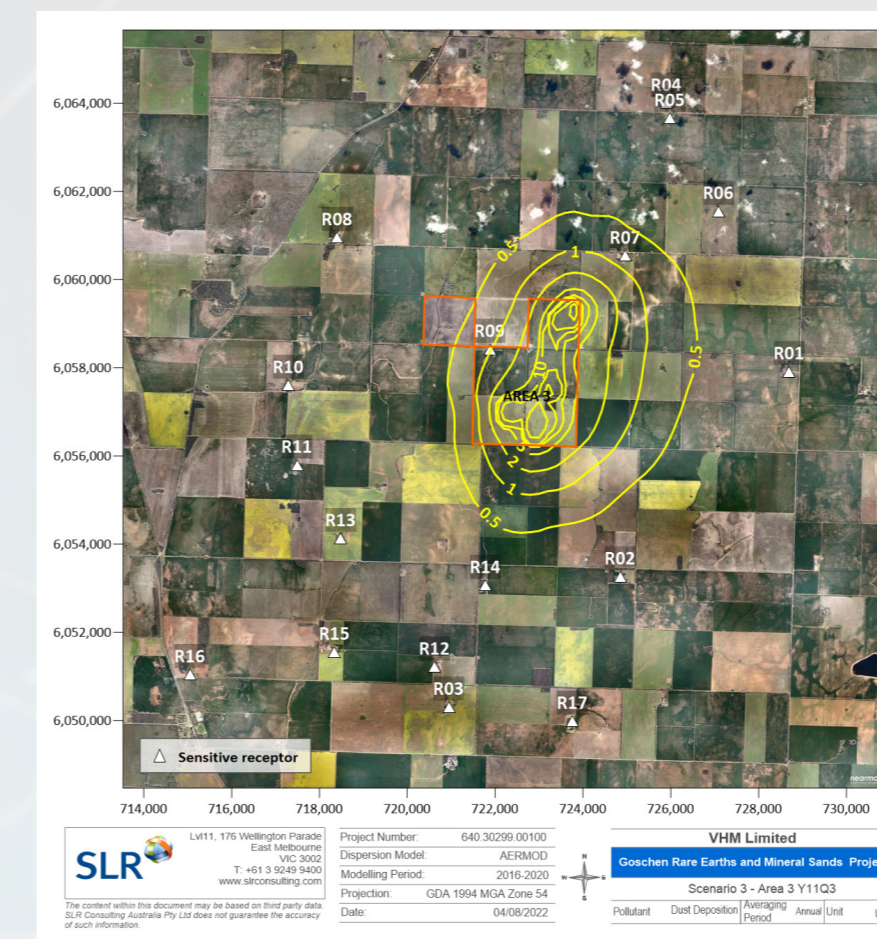
Scenario 1

Area 1 – Year 1, Quarter 1
Predicted annual dust deposition rate



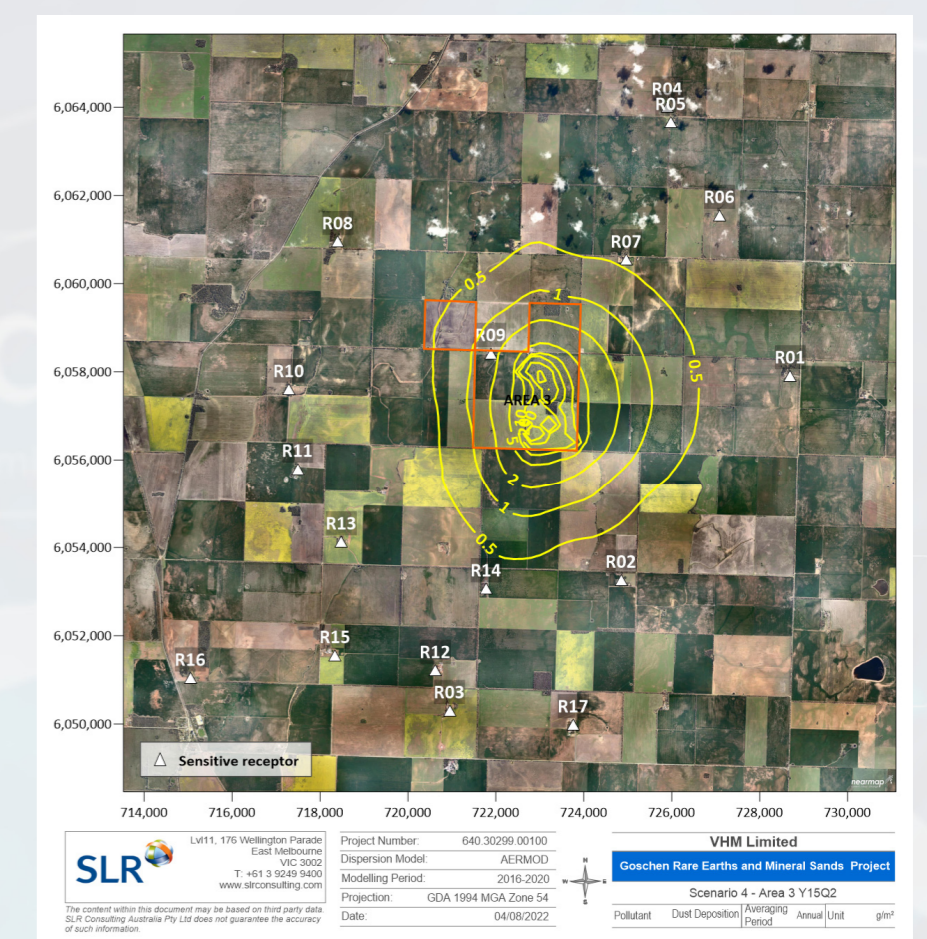
Scenario 2

Area 1 - Year 6, Quarter 2
Predicted annual dust deposition rate



Scenario 3

Area 3 - Year 11, Quarter 3
Predicted annual dust deposition rate



Scenario 4

Area 3 - Year 15, Quarter 2
Predicted annual dust deposition rate