

My name is Sandra Ward. I am a member of the Fifield community. I am a near neighbour to the proposed mine and processing plant. My property adjoins the project on the north side of Melrose Plains Road. My husband's family have lived in the Fifield area for over 95 years, I have lived there for 46 years. My son, daughter-in-law and their children are continuing the tradition of farming on the property. We love where we live and the life style we have.

I am **not** opposed to this project. I recognise the benefits that can come from this project and the flow-on benefits for the community. I only seek to have reasonable and transparent consent conditions that will protect us as near neighbours, protect the wider community and the environment from adverse impacts.

Emissions

I am concerned about the emissions from the chemical processing plant. My understanding is that CLQ in Mod 4 proposes more intensive mining activity to target more concentrated mineral deposits. Processing this higher grade raw material will require more inputs to the extraction process, thus more outputs, more emissions.

An increase in sulphuric acid of (700,000 to 1,050,000 tonnes /annum) a 50% increase, will be required and therefore more sulphur dioxide will be emitted from the 80 metre high stack. The response to this question in the Mod 4 submission was that "overall there would be less emissions". That answer to me, raises more questions that it answers.

With more inputs to the extraction process, more limestone, and reagents will be required to neutralise the tailings, more transport will be on the roads and through Fifield if the bypass is not to be used, more dust, more noise.

As Helen has already said.

The company has acknowledged that there will be exceedances to the noise levels at certain residences. Quote "Apart from very minor exceedances of the noise limits at a relatively small number of receivers, the development as modified is predicted to comply" I would ask "What is minor?" "What is relatively small?" "How many is too many?" "Should any exceedance be allowed?" As Helen said take out the descriptive adjectives and it reads "Apart from exceedances of the noise limits at a number of receivers, the development as modified is predicted to comply"

What happens if the other two miners, AUZ, (Flemington Project) who is preparing its SEARs and PMG, Platina (Owendale Project) who have an exploration licence come on board with their projects. Are their noise levels to be added to the exceedances? Are the cumulative effects being acknowledged.

The atmospheric data used by CLQ in its modelling, was from the weather station at Condobolin using data from one year 2015. I have travelled to Condobolin, from my property Berrilee, for 46 years, and can assure you that the weather at Condobolin and the project site can vary enormously.

A weather station on site would give a more accurate picture of the conditions. Maybe then, the modelling maps of emissions from the original DA, and this MOD4, might look a bit more alike. I do not have any confidence in the modelling presented by the company for noise, dust or emissions.

I would love for everything to be as clean and wonderful as the company says it will be. That is what we all want. If the company and DoPE is so sure, that there will so few negative impacts for us the near neighbours, then please back these assertions with real-time monitoring that is accessible to all.

Water

I am sure you are aware that water is a huge issue for all in our rural community. Without it our business would not exist. As stated by the company there is limited supply of groundwater in the area.

Our property relies on groundwater bores for stock and domestic water. Dams do not hold as the ground is porous. We are very conservative in our use of groundwater. Our water is on solar pumps and is piped to tanks and troughs.

Originally the mine pit was to reach a depth of 55 metres and it was strongly emphasised that the pit would not fracture the aquifer, thus no impact on our supply. The mine pit is now to be extended to a max depth of 60 metres and will fracture the aquifer. (P86, 4.7.3). The company have obtained a 243 ML/year water licence to cover the groundwater extracted by mine dewatering.

I am hoping this does not adversely affect our bores, but if the worst scenario should happen and we are left without stock water I consider the "process" that we would be put through, for compensatory water inadequate to meet the gravity of the situation. The Compensatory Water Supply (Condition 28) is very loose in its wording and does not give me any confidence at all for the short-term repatriation of our supply. I can see only long-term conflict and pain in the process.

I would ask that the Compensatory Water Supply Condition be given greater clarity and teeth, and we be afforded greater protection.

I would like the Voluntary Land Acquisition clause that was in the original consent to be reinstated. It has magically disappeared without our knowledge or consultation. Planning informs us that it has been contemporised. The original consent is held up as a licence to

operate by the company, yet one of the main items that all the near neighbours want retained has been removed by stealth, without our knowledge or consultation. I ask for the original clause be reinstated in its original terms.

Please note that the resin in pulp processing method has never been used successfully in Nickel / Cobalt processing anywhere in the world. This is an experimental plant and until it is up and running we will not know what the adverse impacts will be. I would hope CLQs modelling plant in WA is based on more relevant data than has been used for the dust, noise, emission and weather event modelling.

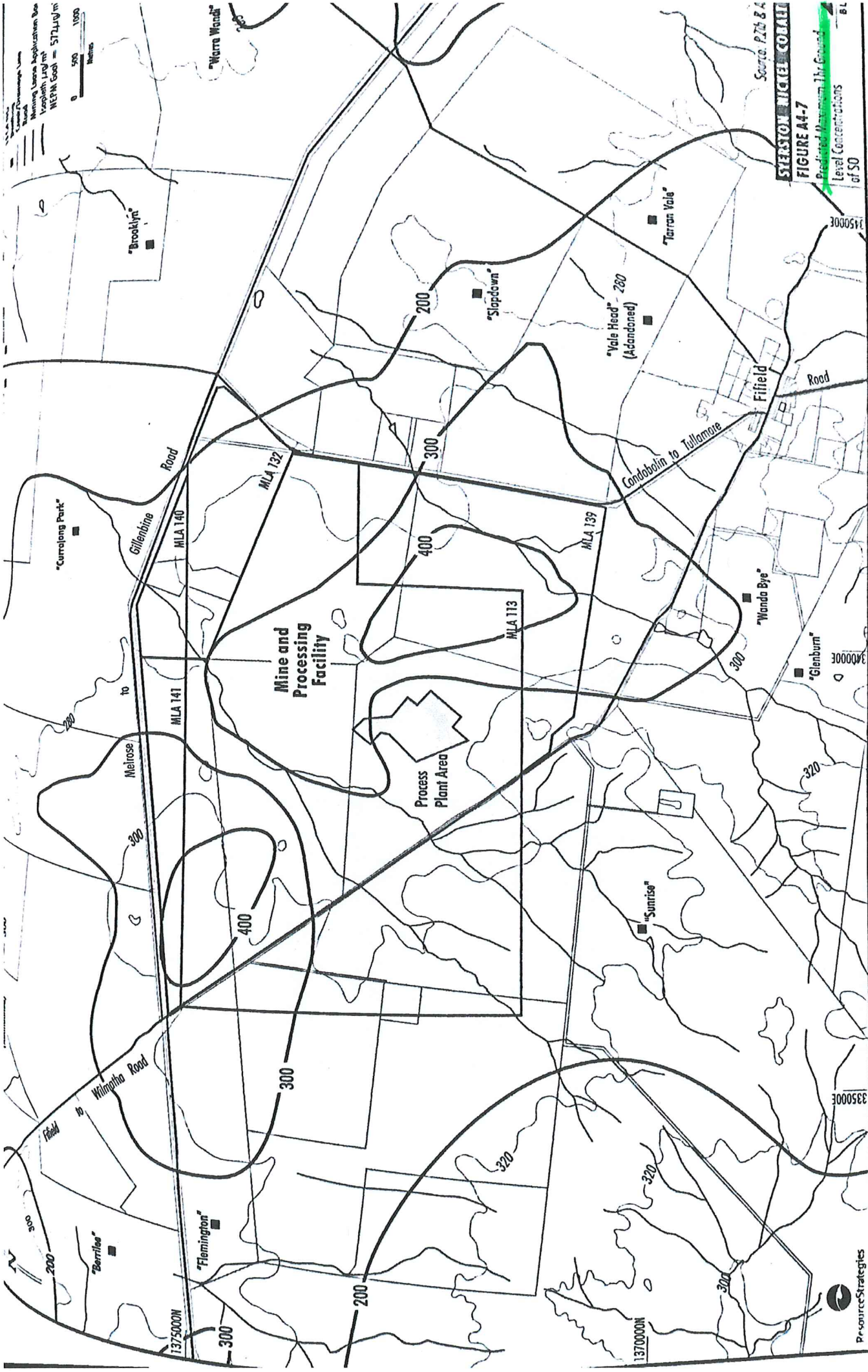
I live in a community that cares and supports each other through good times and bad. I would love to have a positive relationship with our new near neighbour CleanTeQ.

To give CLQ a Social Licence to Operate, I need to be confident, that if this project goes ahead it will not be to our detriment, emotionally, physically or financially. Please give us some certainty that our lives will not be unjustly impacted.

I have a 17 year old grandchild who has expressed his desire to continue the farming business. He will be here long after the project has closed.

I would ask you to make good the "the request for amendments to proposed Consent Conditions" that Helen Quade has submitted on behalf of the Fifield Near Neighbours.

Thank you for listening.

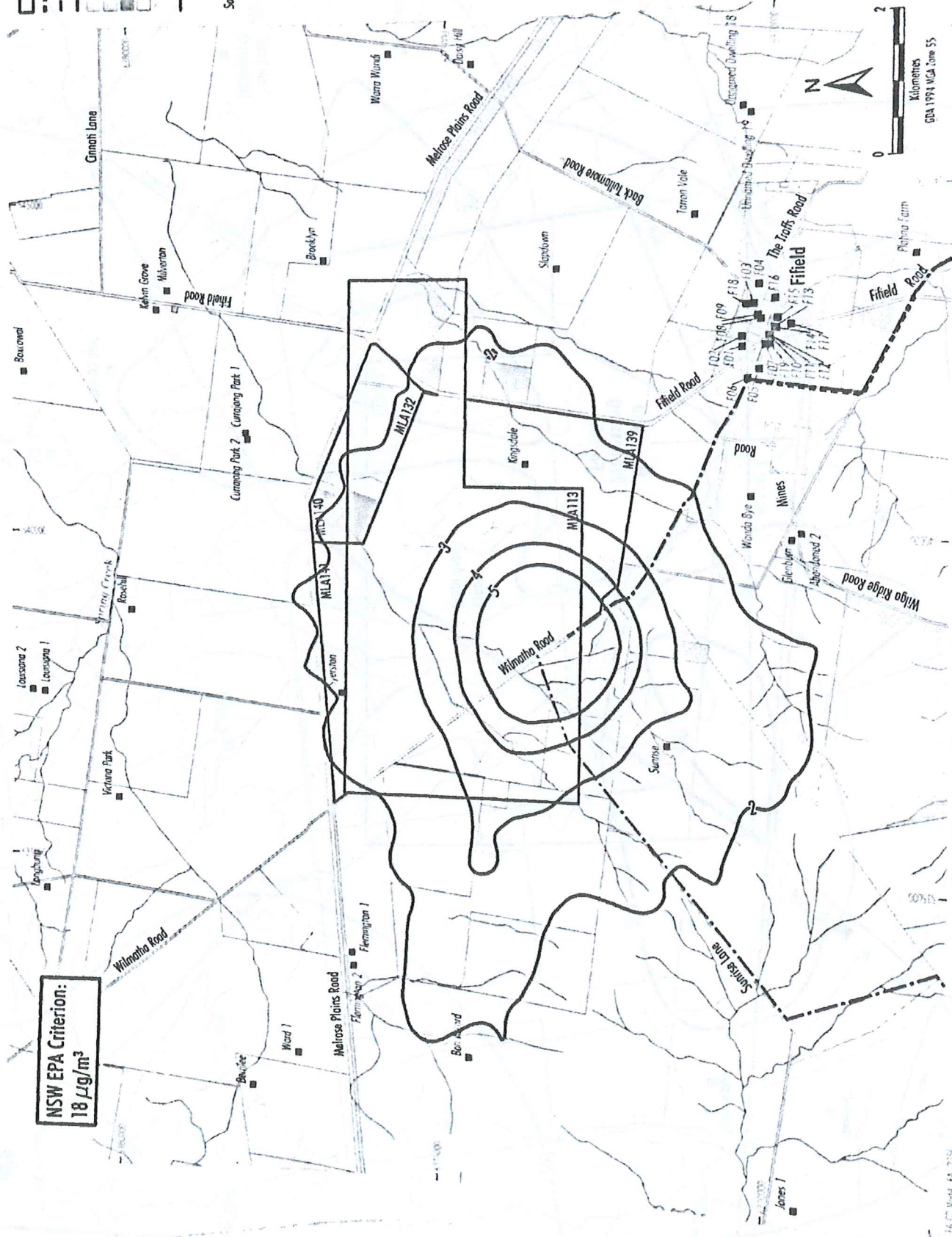


Source: P27 & 8
STERNSTON - MICAL COBALL
FIGURE A4-7
 Predicted Maximum 1hr Ground
 Level Concentrations
 of SO₂
 BL

Map Scale
 1:50,000
 North
 Magnetic, UTM, Application Date
 Vertical Datum = 1984
 NEPN Code = 57111/11

- LEGEND**
- Mining Lease Application Boundary
 - Approved Fifeild Bypass
 - Approved Gas Pipeline
 - Approved Water Pipeline
 - Clean Title Owned Land
 - Crown Land
 - Fifeild State Forest
 - Private Landholder
 - Dwelling
 - 1-hour Average Sulphuric Acid
 - Air Quality Contour (99.9th Percentile) ($\mu\text{g}/\text{m}^3$)

Source: Ramboll Environ (2017), Black Range Minerals (2000),
NSW Department of Industry (2017), NSW Land &
Property Information (2017)

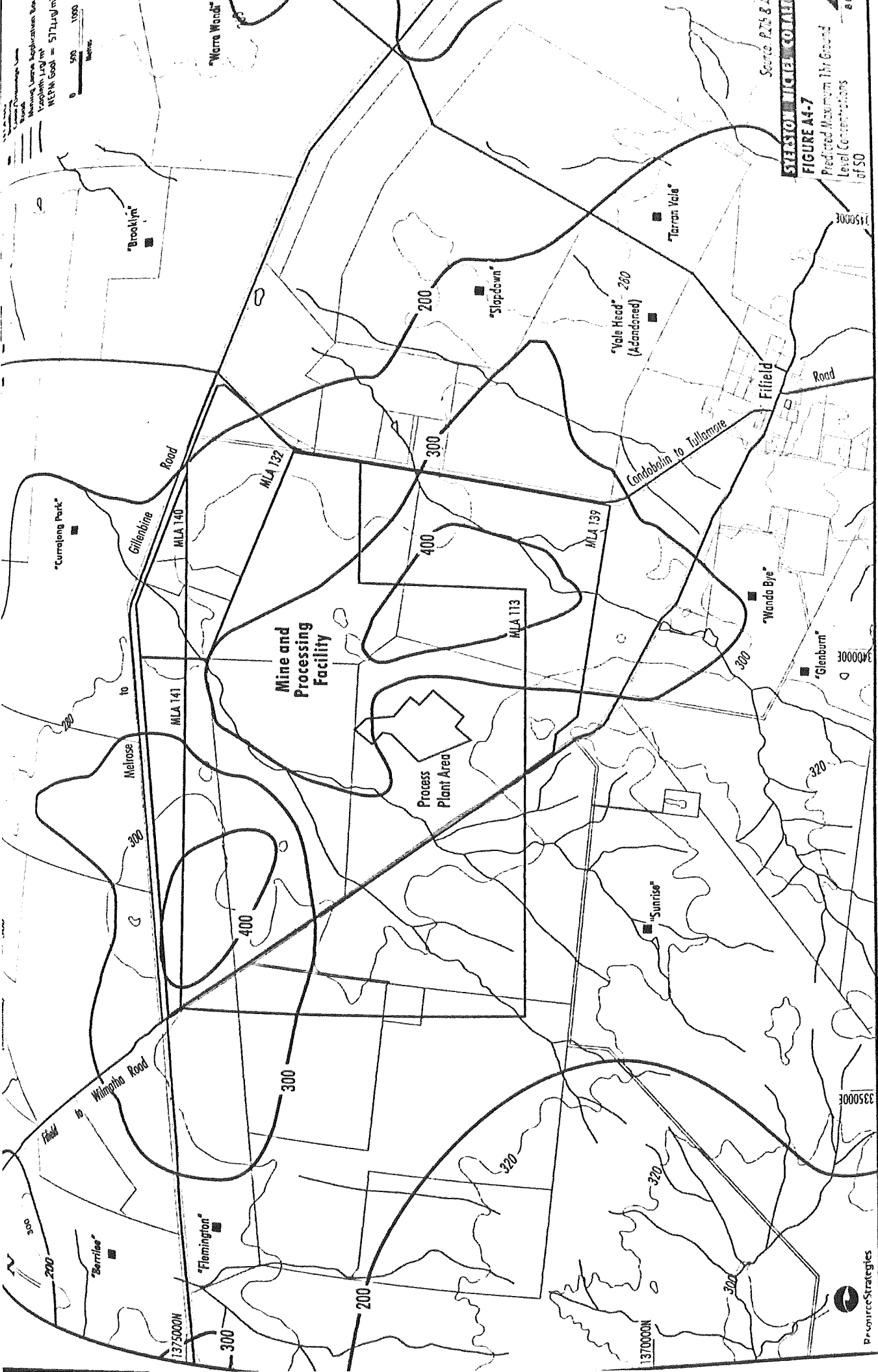


**CLEAN
TEQ**

SYERSTON PROJECT MODIFICATION 4

1-hour Average Sulphuric Acid Concentrations

Figure 23



Source: P25 B.4

STYESTON NICKEL CORRALONG

FIGURE A4-7
 Predicted Maximum Ground Level Concentrations of SO₂

Mining Licence Application No.
 100/001/10/001
 NEPM Goal = 517 µg/m³

