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# MEMORANDUM

<b>Job No.:</b>	70Q-18-0276	<b>Doc. No:</b>	8551435-0-draft
<b>Attention:</b>	Bob Lander	<b>Date:</b>	21 December 2020
<b>Company:</b>	Tattersall Lander Pty Ltd	<b>Pages:</b>	Page 1 of 2
<b>Email:</b>	bob@tatland.com.au	<b>From:</b>	Stephen Thomas
<b>Subject:</b>	Letter - Public Submissions re RCS		

*NOTE: This communication is Commercial-in-Confidence.  
If it does not reach the intended recipient, please telephone the number above*

Dear Bob,

Please find Vipac Engineers and Scientists' (Vipac) response to a matter outlined below within the provided public submissions relating to the assessment of impacts from silica dust generated by the mining and associated activities (including submission ID#297674, 297755, 297776, 297839, 297894 and 297896, 298009, 298047, 298097, 299201, 299203, 300097 and 300099, 301382, 301937, 302818, 303331, 303338, 303531, 303844, 304539, 304544, 304548, 304556, 304568, 304607, 304700, 305065, 305104, 305147, 305399, 305500, 305679, 305695, 305700, 306060, 306279, 306349, 306369, 306497, 306651, 306708, 307046, 307064, 307220, 307222, 307224, 307250, 307284, 307288, 307330, 307340, 307354, 307374, 307394, 307421, 307499, 307505 and 307507, 307516, 307523, 307543, 307551, 307606, 307625, 307668, 307674, 307686, 307688, 307694, 307696, 307786, 307817, 307960, 307964, 307968, 307972, 308014, 308020, 308054, 308056, 308058, 308060, 308087, 308099, 308101, 308103, 308105, 308107, 308125, 308755, 308791, 308867, 308894, 314487, DOC 19 82221, DOC 19 7188). It is our understanding that a response is sought relevant to the issues raised in relation to the Bobs Farm Sand Mine Air Quality Assessment (Vipac Report Ref No. 29N-14-0048-TRP-516792-2).

## Vipac Response

The responses to the issues raised by the DPE are addressed in the revised Air Quality Impact Assessment report (Vipac Report Ref No. 29N-14-0048-TRP-516792-3) to address the issues outlined above as follows:

- A discussion of relevant regulatory criteria for respirable crystalline silica, which are based on Victorian EPA criteria in the absence of NSW criteria.
- A conservative estimate of background levels of silica in the region for cumulative assessment of impacts.
- A conservative estimate of the silica content of the sand to be used in the modelling assessment..
- Dispersion modelling including assessment against the Victorian criteria.
- The attached revised Air Quality Impact Assessment report (Vipac Report Ref No. 70Q-18-0276-TRP-8551438-0 Updated Air Quality Assessment) outlines the results of the additional modelling and impact assessment.



Yours sincerely,

**VIPAC ENGINEERS & SCIENTISTS LTD**

A handwritten signature in black ink, appearing to read "S. B. Thomas".

Dr Stephen Thomas  
Principal Air Quality Scientist

**Attachments: Vipac Report Ref No. 70Q-18-0276-TRP-8551438-0 - Updated Air Quality Assessment**