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SUBMISSION OF OBJECTION – KARA RESOURCES AMLP MC4322

Business Support Officer
Mining Regulation Branch
Department of State Development
GPO Box 320, Adelaide SA 5001

This submission of objection to the proposed quarry at Nain by Kara Resources is submitted with concerns to the following.

Community Consultation - Kara Resources in the AMLP stated the following:

"A community consultation group has since been developed with Groundwork Plus engaged to facilitate discussions between Kara Resources and the affected and adjacent landowners and local community within close proximity to the Site, whom have participated in gathering and collating concerns from the wider community".

The above statement by Groundwork Plus is fanciful and flawed. Enquiries conducted in the community suggest that only 3 landowners were mainly involved in the consultation group. Other Landowners close to the proposed quarry site and the broader community were not invited. Those who had concerns regarding this project were never given the opportunity to express their views other than through the DSD objection process.

There is great community angst against this project and the fact that Groundwork Plus completely disregarded many local residents and the broader community.

Transport and Traffic - There is concern re increased heavy vehicle traffic on the roadways.

(a) The transport route suggested via Old Kapunda Road, Daveyston Road, Thiele Highway, John Eden Road and then right into the Sturt Highway is of major concern.
(b) Whatever route is taken all roads, intersections and bridges will need upgrading and maintaining to DPTI/Council standards for heavy vehicles at Kara Resources expense.
(c) The Old Kapunda Road will need to be upgraded prior to start of commercial operations.

A Risk Analysis is required to determine any impact these vehicles may have on the local traffic in the area. SA Police to be engaged for their expertise into traffic management.

Visual Amenity - Groundwork Plus state:

"Groundwork Plus has engaged with residents that live within close proximity to the proposed quarry site to further understand concerns."

Groundwork Plus has failed miserably to address this very important issue. There were other residents in close proximity to the proposed site who were not contacted including the broader community for their input. The quarry will impact on their lifestyle and reduce the value of their properties given that no one wants to live near a quarry.

Due to the topography of the proposed quarry, no amount of bunding will reduce the visual impact this quarry will have on residents and those travelling through the area.

Tourism - What will this quarry do for tourism in the Barossa Valley? The Barossa is known nationally and internationally as a unique wine region and for its beauty. It's clean and pristine environment will be scarred for life if this proposed quarry gets the go ahead.

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Noise and Dust - The Noise Impact Statement is meaningless and has no real substance.

"The results highlight that locations A1 and A2 had elevated levels of background noise attributed with noise observed from the Sturt Highway along with dog barks and crickets chirping. Locations A3 and A4 were observed to contain faint background noise from the Sturt Highway."

What does the above statement mean apart from we live in a very peaceful area? Noise generated from this proposed project means it will interrupt our peaceful existence.

In reference to the last dot point on Page 9 – *"Scheduling **particularly noisy** activities to commence after 8.30am where reasonable and practicable to do so."* This is an admission that noise will be above acceptable levels. Where are the noise levels of a working quarry?

Noise and dust will be generated by crushing/screening of raw materials and drilling of blasting holes, up to 30 at a time. This will be further exacerbated when the charges are fired. Because this quarry site is on the face of a hill, the sound from these activities will travel down the gully towards farmhouses and private homes in the area and to Freeling. Similarly, with the constant west to north/west winds the sounds will be heard at Nain, Greenock and Daveyston. The location of the site in the valley between Nain and Freeling will ensure that noise pollution is enhanced by its location in a natural amphitheatre.

Health Issues - The dust that has the greatest health effect in the quarry industry is Silica, especially Respirable Crystalline Silica dust that can get deep into the lungs and lead to respiratory disease Silicosis, a severely disabling lung disease. Every single exposure is important. Every exposure increases the risk of developing respiratory disease. Every exposure must be prevented or reduced to as low as reasonably practicable.

Noise also creates health issues, e.g. insomnia, depression and problems for siblings and adults who have autism. Individuals who work shift work will be affected after 0830 hrs when trying to sleep. No consideration at all has been given by Groundwork Plus in regard to this. Their so-called community consultation should have identified these matters.

Water Usage - Kara Resources quotes 60,000 litres per day for dust depression only and indicates at Page 19, mains water will be predominantly used. They have not provided a %ratio of water use from mains and bore. Given the costs and huge quantities required, Kara Resources will prefer to use bore water over mains. The drawing of water from the bore will severely impact on farming businesses in the immediate and surrounding areas. In fact, one business solely relies on underground water for their activities and fear with the ever-decreasing level in the water table they will be forced to close down their enterprise. Our underground water systems are of great concern.

FOOD, FIBRE and **hard rock** quarrying do not mix in this beautiful, idyllic valley that has character and historic value. No amount of rehabilitation will return this unique piece of farming land back to its original status.

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