

Mark Howe
Business Support Services Officer
Mining Regulation and Rehabilitation Branch
DMITRE
GPO Box 1264
Adelaide SA 5001

Re: Mining Lease Proposal MC 4322 (INCORPORATING EML 5686) Over Allotments 1, 2 & 5 Hundred OF Nuriootpa Between Freeling and Greenock by Kara Resources Pty LTD 40 Churchill Road North, Dry Creek SA 5094 "Dolomite Deposit."

Dear Mr Howe,


I strongly object to the development and construction of the proposed dolomite mine between Greenock and Freeling.

I have become a regular visitor to this area through meeting and befriending Andrew and Deb Verner's son Matthew. I frequently visit and stay with them and their family on their property at Nain, as well as working as a farm hand on their properties. I have witnessed firsthand their dedication to developing and providing a peaceful, safe and secure environment for their family, particularly their autistic son Ryan. I have also assisted in the beginning of the development of the facility they are planning for young adults on the autism spectrum, which would be unable to proceed if the mine were to go ahead.

I am also an active equestrienne, having ridden and owned horses all my life. Through knowing the Verners, I have had plans to use their facilities to ride and train horses, which again will be unable to continue should the mine go ahead.

Attached are my personal responses to sections of the Mining Lease Proposal, along with their corresponding risk matrices.

Regards,

Miranda Craddock
 Angaston SA 5353

4.1 Public Safety

The MLP Risk Matrix indicates a rating for Public Safety as “Negligible” with a likelihood of consequences at Category 2 as Rare/Low. This Submission rates the effect as “Extreme” and Category 5 as Virtually Certain/High.

Risk matrix			Likelihood of consequences				
			1	2	3	4	5
			Virtually impossible	Rare	Unlikely	Likely	Virtually certain
Severity	E	Negligible effects	Low	Low	Low	Low	Low
	D	Minor effect	Low	Low	Medium	Medium	Medium
	C	Major effects	Medium	Medium	Medium	Medium	High
	B	Severe effects	Medium	Medium	Medium	High	High
	A	Extreme effects	Medium	Medium	High	High	High

- Green represents MLP Risk Matrix rating
- Blue represents this submissions rating

Livestock:

The construction of the mine would greatly endanger my riding and training of horses in this area. For safety reasons. Horses are large, sensitive animals whose natural response to danger is flight. Loud noises, large traffic and in this case, blasting vibrations from the mine will cause a horse to react in defence, placing anyone around them at the time in immediate danger.

Having also worked with sheep, I believe that there would be various dangers associated with the moving, care and general maintenance of these animals. Again, they are prey animals who react to danger with a flight response, causing danger to those working with them, whether in close proximity or having to chase a frightened sheep in an unsecure area while moving them. Noises, blasting and traffic are all factors which will cause these reactions, placing those nearby in danger.

4.2 Traffic

The MLP Risk Matrix indicates a rating for Traffic as “Minor” with a likelihood of consequences at Category 3 as “Unlikely/Medium”. Without further clarification/information, this Submission rates the effect as “Extreme” and Category 5 as “Virtually Certain/High”.

Risk matrix			Likelihood of consequences				
			1	2	3	4	5
			Virtually impossible	Rare	Unlikely	Likely	Virtually certain
Severity	E	Negligible effects	Low	Low	Low	Low	Low
	D	Minor effect	Low	Low	Medium	Medium	Medium
	C	Major effects	Medium	Medium	Medium	Medium	High
	B	Severe effects	Medium	Medium	Medium	High	High
	A	Extreme effects	Medium	Medium	High	High	High

- Green represents MLP Risk Matrix rating
- Blue represents this submissions rating

Traffic:

Having frequently travelled dirt roads in a small car, I have witnessed the dangers associated with damage from trucks as well as the uneven sharing of road space.

The roads surrounding the mine site are narrow, and being forced off the road by large trucks is an frightening as well as dangerous experience. The danger of driving on these roads will increase with the development of the mine due to the increased frequency of passing large trucks in a narrow space, as well as over blind crests and around blind corners.

The damage that trucks cause to dirt roads is also a cause for concern, due to ruts and worn roads affecting smaller car tyres and causing accidents. This danger is particularly imminent in wet weather, with large truck tyres damaging the gravel roads, making them increasingly dangerous for smaller cars travelling along the same roads.

4.10 Noise

MLP Risk Matrix indicates a rating for Noise as “Negligible” with a likelihood of consequences at Category 2 as “Rare/Low”. This Submission rates the effect as “Extreme” and Category 5 as “Virtually Certain/High”.

Risk matrix		Likelihood of consequences				
		1	2	3	4	5
		Virtually impossible	Rare	Unlikely	Likely	Virtually certain
Severity	E	Negligible effects	Low	Low	Low	Low
	D	Minor effect	Low	Low	Medium	Medium
	C	Major effects	Medium	Medium	Medium	High
	B	Severe effects	Medium	Medium	Medium	High
	A	Extreme effects	Medium	Medium	High	High

- Green represents MLP Risk Matrix rating
- Blue represents this submissions rating

I am very concerned about the impacts of the noise associated with the development and activity of the mine. While working for the Verners I have had the privilege of getting to know their youngest son Ryan, as well as various other families with children on the autism spectrum. I have assisted in the beginning of the development of a facility on their property to provide a workplace for young adults with autism, teaching them to grow vegetables and take care of animals. Autistic individuals have a certain sensitivity to noises and distractions, triggering reactions in response to distress and unfamiliar situations. The noise and blasting vibrations will affect these young adults, preventing them from continuing their work and development on the Verner’s property. The creation of a peaceful environment where these individuals can learn, develop and feel part of society will be greatly jeopardised by the construction of the mine.

Other people in the general area will also be affected by the noise of the mine. There are various members of the community who are night shift workers and require day time hours to sleep. Their sleep and therefore general health and wellbeing will be affected by the daytime noise of the trucks and machinery involved in the mine. Many of the local residents have moved to the area in order to enjoy a peaceful and quiet country lifestyle, and I personal greatly enjoy the serenity of the area, which is greatly different to my own home which is situated near a busy road. It would be a great shame to see local residents such as the Verners having to move away in order to try and re-establish their peaceful lifestyle that they have searched for, for so many years.

4.11 Dust

MLP Risk Matrix indicates a rating for Dust as “Negligible” with a likelihood of consequences at Category 2 as “Rare/low”. This Submission rates the effect as “Extreme” and Category 5 as “Virtually certain/high”.

Risk matrix			Likelihood of consequences				
			1	2	3	4	5
			Virtually impossible	Rare	Unlikely	Likely	Virtually certain
Severity	E	Negligible effects	Low	Low	Low	Low	Low
	D	Minor effect	Low	Low	Medium	Medium	Medium
	C	Major effects	Medium	Medium	Medium	Medium	High
	B	Severe effects	Medium	Medium	Medium	High	High
	A	Extreme effects	Medium	Medium	High	High	High

- Green represents MLP Risk Matrix rating
- Blue represents this submissions rating

Dust is a major concern for me, particularly as a horse owner. There are vast areas of chaff cropping land situated around the mine, which will be affected by dust from the mine, including the Nitschke’s property. I feed my own horses chaff from Nitschke’s on a regular basis and know the dangers of feeding a horse food with dust and dirt in it. This can lead to respiratory issues from inhaling dust while eating as well as the possibility of colic, a stomach related illness in horses that is often caused by the presence of dirt and dust in the horse’s digestive system and can lead to death. I do not want to put my horse’s lives in danger by feeding them harmful and dangerous chaff due to the processes of the mine.

I would also feel uncomfortable bringing my horses out to the Verner’s property for riding and training with the presence of the dust from the mine in the air. Extended inhalation of dust, particularly during vigorous work, will damage the horse’s respiratory system and cause long-term issues with breathing and fitness.

As a worker on the Verner’s property I also have concerns for the health and wellbeing of myself and the others that work and/or visit the area. Being in such close proximity to the mine, particularly on windy days will cause issues with eyes and breathing, which during high intensity farm work is extremely undesirable. The whole function and day to day running of the property will be affected by the dust.

The MLP Risk Matrix indicates a rating for Blasting Vibration as “Negligible” with a likelihood of consequences at Category 2 as “Rare/low”. This Submission rates the effect as “Extreme” and Category 5 as “Virtually Certain/High”.

Risk matrix		Likelihood of consequences				
		1	2	3	4	5
		Virtually impossible	Rare	Unlikely	Likely	Virtually certain
Severity	E	Negligible effects	Low	Low	Low	Low
	D	Minor effect	Low	Low	Medium	Medium
	C	Major effects	Medium	Medium	Medium	High
	B	Severe effects	Medium	Medium	Medium	High
	A	Extreme effects	Medium	Medium	High	High

- Green represents MLP Risk Matrix rating
- Blue represents this submissions rating

Mine blasts with horses in close proximity is a matter of great concern for me. Whilst riding I have experienced the sudden reactions of horses to situations such as gas guns from vineyards, distant and close traffic and other sudden noises and incidents, some of which have resulted in the falls of riders and the injury of both riders and horses. I fear that the blasting from the mine will be another extreme situation in which a horse could react drastically and injure either itself or those around it. The Verners and I have discussed plans for teaching kids to ride on their property, including those on the autism spectrum, however this would be impossible with the presence of the mine due to the dangers associated with it and robbing individuals of opportunities that are not easily offered elsewhere.

5. Social, Economic and Environmental Benefits

5.1 Social

There would be no social benefits if this mine were to be constructed. I believe that the number of visitors to the area would dramatically decrease, due to there no longer being any visual appeal with a large mine in the middle of the beautiful scenery. Similarly, those travelling to the area for its known peace and quiet will be sorely disappointed due to the constant presence of noise, blasting and traffic.

5.2 Economic

Kara Resources states that this mine will create four to five jobs, increasing the economic benefit for the area. However the plans proposed by the Verners were to create at least ten to fifteen jobs for young adults on the autism spectrum, individuals who in normal society find it much harder to find employment that is both suitable, supportive and enjoyable, in an environment that is secure and ideal for their individual needs.

5.3 Environmental

I fail to see the environmental benefit for the area due to the mine. Crops, livestock, water quality, pasture and native fauna and flora will be affected by the dust, noise and practices associated with the mine. Local residents health and wellbeing will also be affected due to dust, sleep deprivation and stress due to traffic and normal everyday practices that would usually be considered simple.

I strongly object to the development of this mine and sincerely hope that it's construction and development does not go ahead.

