

Mr. Mark Howe  
Mining, Regulation and Rehabilitation Branch,  
Department for Manufacturing, Innovation, Trade, Resources and Energy,  
GPO Box 1264,  
Adelaide. 5001

Dear Mr. Howe,

**RE Rex Minerals' Mining Lease Proposal for the Hillside Copper Mine, Yorke Peninsula**

I, Emma Leonard, am aware of Rex Minerals' mining lease proposal to establish an open pit copper mine at Hillside on Yorke Peninsula near Pine Point. I understand that proposed mine will cover an area of approximately 3,000 hectares and will comprise: an open pit 2.4km long by 1km wide by 450m deep; three waste rock piles, the highest reaching 115m; a large crushing, grinding facility; a flotation and magnetic separation processing plant; a large tailings dam to hold processing by-products; two 12km pipelines to carry the ore concentrate to Ardrossan and return seawater to the mine; a filtration plant, storage sheds, water storage ponds and a seawater intake system at the port; major road realignments of the Yorke Highway and Minlaton turn-off.

~~I wish to lodge my objection to this mine development proposal because of the following:~~

- (✓) Loss of prime agricultural land
- (✓) Inappropriateness of locating a mine of this size in a populated rural area, within close proximity to towns and holiday settlements
- (✓) Detrimental effect on people, crops and stock from exposure to hazardous dust
- (✓) Detrimental impact on flora and fauna
- (✓) Groundwater contamination and lowering of the water table
- (✓) Contamination of St Vincent's Gulf and its marine life
- (✓) Increased heavy vehicle traffic and road damage for the life of the mine
- (✓) Health impacts associated with exposure to contaminated dust, constant noise, contaminated rain water tanks and sleep deprivation
- (✓) Noise pollution
- (✓) Visual pollution
- (✓) Vibrations from blasting a least once every two days
- (✓) Detrimental impact on tourism and associated loss of tourist dollars
- (✓) Inadequate provision for rehabilitation of mine site, resulting in long-term irreversible damage to environment
- (✓) Risk that local community will be left with huge clean-up bill if the mine closes prematurely
- (✓) Devaluation of surrounding properties including agricultural land and coastal residences
- (✓) Creation of hazardous road junction at proposed Minlaton diversion at Pine Point

- (✓) Lack of effective community consultation and transparency
- (✓) Damage to social infrastructure

Comments: \_\_\_\_\_

Yorke Peninsula is not just prime cropping land, a scarce commodity in Australia with only about 4% of land in this classification; it is extremely reliable cropping land. Unlike many regions the Yorke Peninsula has not suffered a major crop failure in the past 50 years, even during the millennium drought.

The farming community is the economic backbone of all the inland towns. However, the influence of the \$400 million annually produced by YP farming businesses goes far beyond the YP. Machinery importers, insurance agents, foreign exchange dealers, shipping agents, bank workers, fuel agents, fertilizer manufactures, pesticide producers and importers, researchers located across Australia are just some of the people and businesses that gain from the grain produced every year on Yorke Peninsula.

**YP farming businesses help provide stability to agriculturally related businesses across Australia.**

Farmers are here for the long haul, for generations. They are committed to their region, their state and their country

I therefore petition DMITRE to disallow this proposal and I look forward to a favorable consideration of this submission.

### **Questions**

Who will gain from a mine that within 20 years will have ceased production from this land and more than likely been sold to foreign investors?

How many permanent jobs will be created?

How many contract positions longer than 2 years will be created?

How many of these positions will require employees to be living on Yorke Peninsula?

How will the land be rehabilitated during and at the end of the mining process?

How many hectares of farming land will be destroyed and how what area of native vegetation?

What testing has been done to ensure that blasting is not going to impact on the stability or integrity of off-target subsurface strata?

What testing has been done to prove that dust from this mine cannot become a contaminant of the grains and pastures produced on Yorke Peninsula.

Will mine vehicles be travelling on public roads?

What other applications for leases or licenses does Rex Minerals or affiliated companies have planned for Yorke Peninsula?

Yours faithfully,

Signed.....

Address.....

.....Via Maitland.....Post code: ..5573.....

Phone.....

Email.....

Date.....8 11 2013.....