

THOMAS J GORDON

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LOWER LIGHT 5501

28-10-2013

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

RECEIVED  
5 OCT 2013  
Mining, Regulation and Rehabilitation Branch

Dear Mr. Howe,

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

I, THOMAS JOHN GORDON....., 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 2.4 kms long by 1 km wide by 450 metres deep; three waste rock piles, the highest reaching 115 metres; a large crushing, grinding facility; a flotation and magnetic separation processing plant; a large tailings dam to hold processing by-products; two 12 km 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:

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

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