

27/9/2013

Gavin & Yvette Bright

[REDACTED]
Pine Point, 5571

Yorke Peninsula

South Australia.

RE: Rex Minerals Hillside Mining at Pine Point

To all it may concern,

Sorry this letter is not personally addressed but due to so many being sent (over 50) it is hard to address them all.

We are writing to you all about are concerns about the proposed Rex Minerals Mine at Hillside Pine Point. As Land & Business owners at Pine Point we feel that going ahead with the Mine would be detrimental to all within the Area.

We have our home on the Northern end of Main Street & are on the edge of the buffer/vibration zone. Since Rex have been here we have noticed an increase in dust & when Titeline were drilling you could hear them at our Home & Caravan Park depending on which way the wind was blowing. We had voiced this to Pam McRae who informed us that a monitor would be placed in our street to measure dust & noise levels to this day we have not seen this happen.

As business owners of the Pine Point Caravan we feel this will have a large effect on the Park i.e. decrease of patrons, decrease in income, increase in noise, increase in dust/pollution.

We moved to the Yorke Peninsula for a better healthier lifestyle, & get away from all the noise & pollution not to find that we are going to have it all in our backyards by putting a Copper Mine in the middle of our Beautiful Peninsula.

We have all this arid land in Australia where nothing can grow but Rex Minerals picks the Yorke Peninsula an area that produces the best grains & Farming around, to Mine Copper. They say it will create more jobs & income to the Region but what about all the jobs that will be lost to all that live here already. They talk about having a Ferry from Adelaide to bring workers over, what effects will that have on Marine Life; this will be interesting considering the high winds we have on the Peninsula and the Gulf waters are so unpredictable how will that effect people coming across if the Ferry is cancelled. Again this will have an effect on people's livelihoods.

Seriously this has not been thought through enough (or have they) & needs to be stopped because it not only will have a huge affect on Pine Point & the people living here, it will have a huge impact on the Land & Marine Life which inturn is more peoples livelihood.

Visitors don't want to come to the Yorke Peninsula to look at an eye saw of dirt & dust they want to come for its Beauty. Over the past 10 years not only has the population increased on the Peninsula, Tourism has increased on the Peninsula as well do we really want this to decrease after all the hard work that has been put in.

Have Rex Minerals stopped to think about the Farmers, Fisherman, Tourist Industry and ALL that live here NO they haven't & what guarantees have they that overseas countries will buy the Copper when it's cheaper from other countries.

As a Resident, Land & Business owners in Pine Point there seems to be a lot of things that Rex Minerals have hidden or have chosen to not tell us.

- What damage will be done from the Uranium that will be in the tailings/overburden? (Pine Point can get very windy at times so do they realise just how far the dust particles will travel)
- What health issues will this cause to all whether it is People, Animals or Vegetation (surrounding farming of wheat)?
- The diversion of the road how will this effect our children who catch the bus too & from school?
- Come Harvest time, trucks travelling from Minlaton to Ardrossan won't want to turn at the Pine Point Road intersection they will favour using dirt roads South of Pine Point causing damage to those roads & the roads through Pine Point are terrible Now so they will be even worse.
- Increase in noise through Pine Point over a longer period of time & decrease of safety to all in our town whether it's Resident or Visitor?
- Walk the Yorke Trail between Pine Point to Ardrossan what dangers will there be from the proposed diversion of Highway along the coastline & the blasting just how much damage will it cause to the cliffs?

Council have worked so hard on getting the Grant for the Walk the Yorke Trail but who would seriously want to look at the damage and destruction that the Mine will do, & what about the safety for those that might.

If the proposed Rex Minerals Mine goes through the near Future for Pine Point will be a ghost town just like other mining towns. What future is that for the Peninsula? Look at Charters Towers , Mining Company came in promised all this money to the town got what they wanted then left the town with a big hole in the ground and the town never got the \$ they were promised. FAILURE to the towns' people.

Effects of Mining in the Pine Point Area

- HEALTH
- EROSION
- INSTABILITY OF GROUND
- ENVIROMENT
- SAFETY
- LIVELIHOODS
- DECREASE IN INCOME
- VISUAL LOOKS
- DEVALUATION OF PROPERTIES
- STRUCTUAL DAMAGE TO BUILDINGS FROM BLASTING
- CONTAMINATION TO RAINWATER CATCHMENTS

People Retire here & Tourists holiday here because of the peace & tranquillity so if the Mine goes ahead a lot of people will leave & people will stop holidaying on Yorke's what kind of Future is that not only for Pine Point but the Yorke Peninsula.

They keep talking about the Construction of the Hillside Mines, the closer it gets the more we find out, it's more of a Destruction.

When you look at the bigger picture the negatives are outweighing the positives. Would you like this in your Backyard?

It has also been brought to our attention that they not only want to ruin Pine Point but they also want to rezone it, to mining , we are on the base of the hill were the mines land is. That means they will rezone where our home of residence

is, how much do they want? It is seriously getting way out of hand & with this rezoning how is it going to affect our lives (higher rates lower value on our home)?

Will we all be compensated by Rex Minerals for this?

I (Yvette) have experienced living in mining towns & it is damn hot & dusty. It is hard to breathe as it causes more humidity. We have experienced Heat waves in Pine Point on numerous occasions & with this come Thunderstorms which in turn creates fires just look at November 19th 2009 our town was nearly destroyed due to these high temperatures and a humungous pile of dirt will make it even hotter. More chances of fires.

Rex Minerals are using coercion by offering Grants & Funding of projects but it all comes down to when they get the majority onside through this & get what they want it will all stop. All people are looking at is what it MIGHT create not what it WILL DESTROY.

What about our Children & their Children in all of this? The ozone will be destroyed even more, what happened to trying to reduce gas omissions this will just produce more & in the end our children who are the Future won't have a Future. My generation are trying to encourage the next generation to spend more time outdoors in the fresh air what kind of fresh air will they get with all these chemicals floating around in the air, what other types of diseases/ disabilities/cancers is it going to produce?

Even Now years after the closure of the Lead Mine at Port Pirie children are still being BORN WITH HEALTH ISSUES.

We don't want that for ourselves, our children/grandchildren/great grandchildren.

I know Rex Minerals look at the majority of persons being 70+ but we have had a lot of people move to Pine Point that are only in their 50's & still very active & what about the Shack owners who come away on holidays with their Families (young children)

We are all for progress within our town but at what cost? What price do you put on peoples Health/Life?

Thank You for your time in reading our letter of submission AGAINST the Rex Minerals Hillside Mine, & hope you take everything that the people have to say before you approve their Proposal.

Regards Gavin & Yvette Bright

Coober Pedy Regional Times

Regional Newspaper South Australia

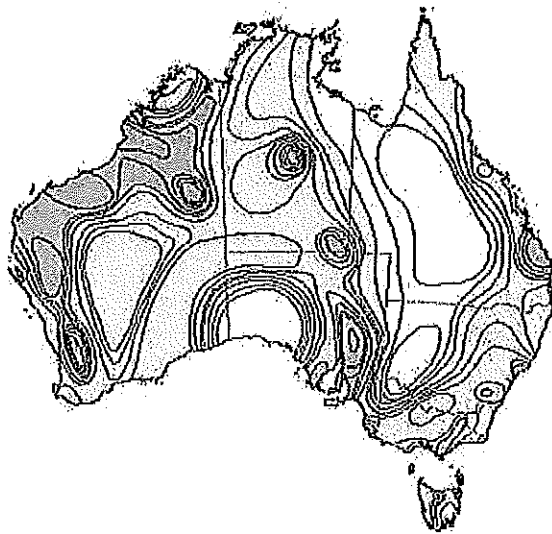
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FAULTLINES WEAVING THEIR WAY ACROSS SOUTHERN AUSTRALIA

Posted on [September 26, 2008](#) by [Coober Pedy Regional Times](#)

Geoscientists identify seismic activity in Southern Australia including the Flinders Ranges



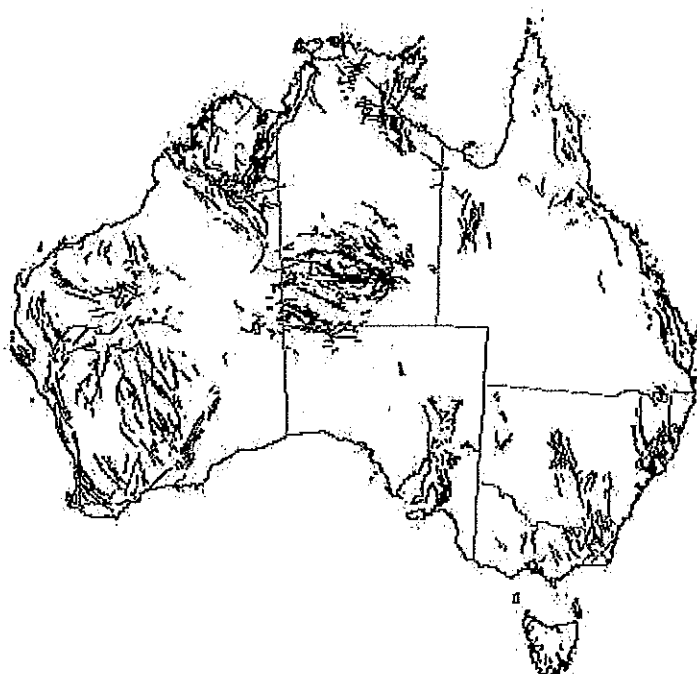
Earthquake Hazzard Map of Australia

Australia is not as geologically stable as many think. Despite popular belief, Australia is a geologically active continent with moving fault-lines, regular seismic activity, and a long history of mountain making, said internationally respected geologist, Associate Professor Malcolm Wallace from the School of Earth Sciences at the [University of Melbourne](#).

We have discovered substantial evidence of ancient and current mountain building on this continent, and seismic activity which commenced 10 million years ago and continues to this day,” Associate Professor Wallace said.

“Two separate geological studies have concluded that an area from Adelaide to south-east Victoria is seismically active and the next ‘big one’ could endanger lives and infrastructure”.

“There are numerous young faultlines weaving their way across southern Australia, including one that goes right around the perimeter of Adelaide. There are also young faultlines running through the Mornington Peninsula outside Melbourne, the Strzelecki Ranges in Victoria and the Flinders Ranges in South Australia.

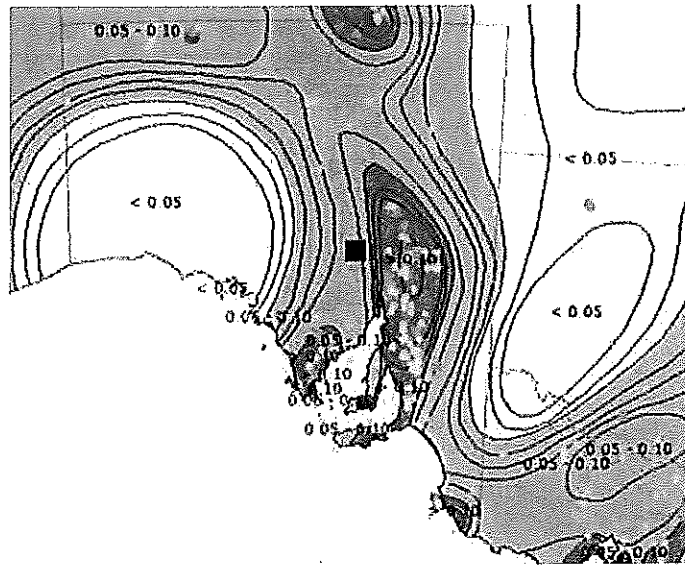


Fault Lines Located in Australia Map data source courtesy : Geoscience Australia

The University of Melbourne geologists have uncovered evidence that parts of South-eastern Australia recently stirred from their geological slumber and are in an active mountain building phase. These mountains are being shaped by earthquakes, some reaching greater than 6 on the Richter scale.

Submission:	Seismic	hazards	SA
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[The area between Quorn and Leigh Creek has the highest number of seismic events (considered to be related to zones of crustal weakness)]



SA earthquake hazard map of region surrounding location marked by the black square. The yellow, brown, and red dots represent earthquakes (Geoscience Australia)

“Their seismic activity is generated by tectonic plates pushing up against each other on a daily basis, so it is critically important that scientists and emergency management agencies know of their whereabouts and the potential risks they pose – this is where geoscientists play a crucial role.”

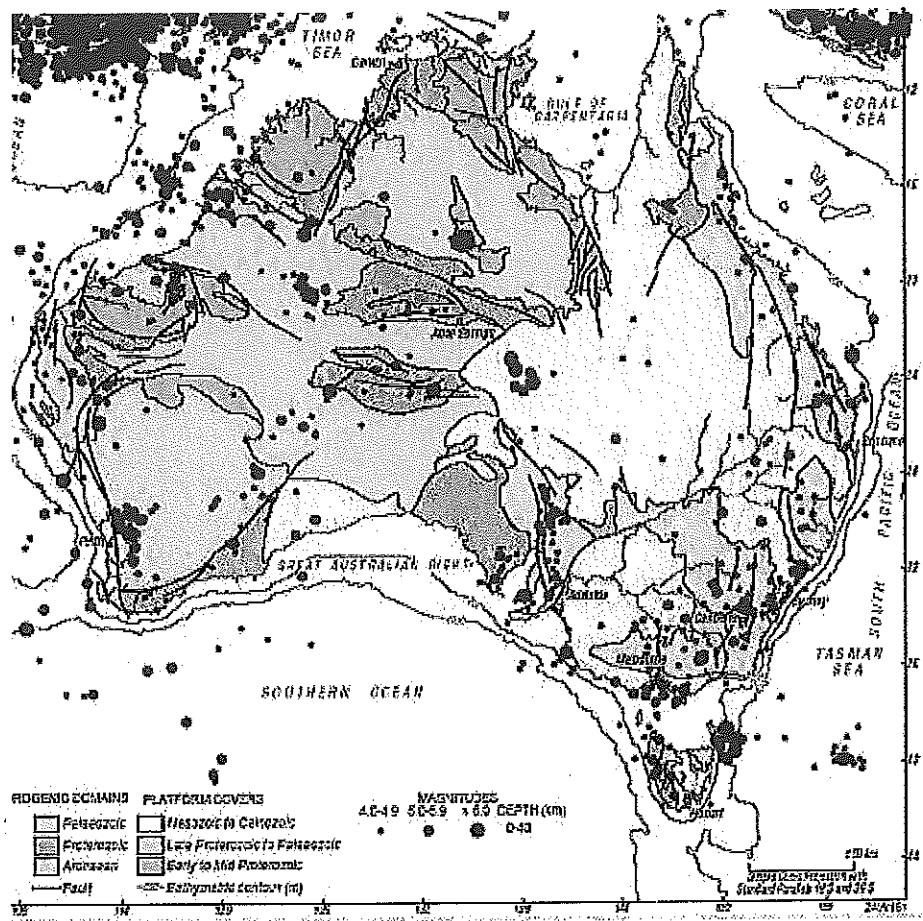
“Some faults around Adelaide have moved slabs of the continent up to 30 metres in the last one million years,” says ARC Professorial Fellow, Mike Sandiford.

“When these big quakes reoccur, they have the potential to cause catastrophic damage to cities such as Melbourne, Adelaide, and the La Trobe Valley area, which straddle some of these major faults lines,” says Professor Mike Sandiford also from the School of Earth Sciences at the University of Melbourne, who conducted one of the studies.

Possibly, the most dramatic indication of this geological stirring, which the studies estimate began suddenly about ten million years ago, can be found in the landscape of the Mount Lofty Ranges near Adelaide.

“A typical earthquake of magnitude 6.0 might produce a displacement of about one metre. Thirty metres is equivalent to 30-50 big earthquakes in the last million years,” he says.

Other areas of intense mountain building have been around Victoria’s Otway Ranges, Mornington Peninsula and Strzeleckis. In some of these areas, similar uplift and erosion over the last 10 million years have thrust chunks of Australia upwards in the order of one kilometre.



The big earthquake still building South East Australia Epicentres of Australian earthquakes in the period 1859 to 1992 with magnitudes of ML4 or greater. (Illustration courtesy AGSO)

Mining leases and Mineral Tenements in South Australia
Primary Industries SA (PIRSA)

The risk of volcanic eruption in mainland Australia E. B. Joyce (CSIRO)

Abstract

The young volcanoes of the Australian mainland are made up of the Newer Volcanic Province of Victoria and southeast South Australia (NVP), and a number of separate provinces in far north Queensland.

These volcanic fields are similar in age, and in their numerous scattered scoria and lava cones, extensive basalt flows, and maar/tuff ring eruptions of phreatic origin.

Australian volcanologists and seismologists now agree that youthful ages imply the possibility of further activity.

At least 40 people killed, an undetermined number missing and several villages destroyed by the earthquake and tsunami. About 300 homes, schools and a hospital were destroyed at Sasamunga and about 500 houses were damaged at Gizo....

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