

I am concerned that a lead, zinc and silver mine is being proposed in Lue and near where my friends have a grazing property. These friends live on the Lawson Creek five kms downstream from the mine site. Their farm has just recovered from the prolonged drought of the last few years and if it were not for their ability to pump water for stock and domestic purposes, they would have had to totally destock.

I object to this EIS

- a) 57% of waste rock excavated and 100% of tailings are classified as Potentially Acid Forming PAF
- b) Acid Mine Drainage AMD escaping to the surrounding environment during mine operation and after closure represents a significant risk to Lawson Creek and ground water.
- c) The mine closure and rehabilitation cost allocation of \$39.4 million will be insufficient to cover leaking AMD
- d) Lead levels are inherently high in the application area and Lue lead has high bio-accessibility rates and is more easily absorbed into the body. It is more bio-accessible than Mt Isa lead. Lead is toxic and will put all the residents at Lue and surrounds at risk.
- e) Lue is only 2km from the pit. Lue residents will not be able to live safely at Lue. Children are particularly at risk.
- f) The construction of the tailings dam is most concerning. The sealing and layering of clay and materials is complicated and has never been done before on this scale. Mining specialists say it will be hard to control the quality of the build and to check its effectiveness – a breach of this containment will only be evident after the event and it will be hard if not impossible to fix.
- g) Both the tailings storage facility and the mine pit are on geological fault lines – this is unacceptable and plainly unsafe as both these structures will be in place forever.
- h) The United Nations recently labelled Acid Mine Drainage as the second biggest problem facing the world after global warming.... Engineers Australia 2019 AMD will be a huge issue at Bowdens given the nature of the predominately sulphide metals being mined at Lue.

These are my concerns about this proposed project.