

Based on the information provided in the DPE Assessment Report, it is my recommendation that the IPC should strongly reject the proposed Bowdens Silver Mine at Lue NSW. The potential adverse impacts on the environment, public health, water security, social and economic sustainability, biodiversity, cultural heritage, local tourism, and community well-being are too significant to be adequately addressed through conditions of consent or other mitigation measures. These include:

- Threats to water security and water quality: The proposed mine site is located in an area
 with limited water resources, and the mining activities have the potential to significantly
 impact water quality and availability. The DPE assessment report does not adequately
 address the potential impact of the mining activities on water security and water quality.
- 2. Health exposure risks due to dangerous levels of lead: Historical accounts of previous mining of lead in the area suggest that there may be elevated levels of lead in the soil and water, which could pose significant health risks to local communities. The DPE assessment report does not adequately address the potential health exposure risks associated with the proposed mining activities.
- 3. Location of tailings dam in the project area and its toxicity when considering its design life and location near Lawsons Creek: The proposed tailings dam is located in a sensitive ecological area, near Lawsons Creek, which raises concerns about the potential for contamination of the waterways and ecological impacts. The DPE assessment report does not adequately address the potential impact of the tailings dam on water quality and biodiversity.
- 4. Permanent social impacts to the Lue community: The proposed mine site is located in a small, close-knit community, and the mining activities have the potential to cause permanent social impacts, including displacement of residents and businesses, disruption to local services and infrastructure, and other negative impacts. The DPE assessment report does not adequately address the potential permanent social impacts on the Lue community.
- 5. Acid mine drainage and its ongoing legacy impacts post mine life: The proposed mining activities have the potential to generate acid mine drainage, which can have long-term impacts on the environment, including water quality, biodiversity, and ecological health. The DPE assessment report does not adequately address the potential long-term legacy impacts of the proposed mining activities.
- 6. Traffic, dust, and noise pollution concerns: The mining activities are likely to generate significant traffic, dust, and noise pollution, which can have negative impacts on local communities, including health impacts and disruption to local amenity. The DPE assessment report does not adequately address the potential impact of the mining activities on traffic, dust, and noise pollution.

7. Biodiversity and ecological impacts to critically endangered ecological communities: The proposed mine site is located in an area with significant biodiversity values, including critically endangered ecological communities, which are likely to be negatively impacted by the mining activities. The DPE assessment report does not adequately address the potential impact of the mining activities on biodiversity and ecological health.

Given the significant concerns outlined above, and the inadequacy of the DPE assessment report in addressing these concerns, it is my recommendation that the IPC should reject the proposed Bowdens Silver Mine at Lue NSW. The potential risks and impacts of the mining activities are simply too great to be acceptable, and the project should not proceed in its current form.

Thank you for your attention to this critical matter.

Sincerely,



Frank Fulham