

Much discussion within the application refers to the uncertain nature and caution needed re the soft bedded Awaba Tuff leading to a scenario of adaptive management as mining begins to proceed. This type of experimental mining should only be carried out in an outback remote location and not under modern homes within the expanding outer suburbs of Wyong. The Department of Infrastructure and Planning should be alarmed by this and immediately inform the unsuspecting owners of the properties in the Hue Hue Subsidence District.

- A total of 245 houses (Appendix H, Page 130) will be impacted by subsidence from a conservative one metre to 1.6 metres throughout the mine area. A total of 755 Rural Building Structures will be impacted (Appendix H, leading up to 179) and 420 Farm Dams suffering subsidence to some degree (Appendix H, leading up to 187). As can be seen the projected damage inside the mining lease area would be catastrophic. The hinterland of the valleys are to be subsided 2.6 metres; Little Jiliby Jiliby Creek at the southern end is predicted to fall 2 metres; the main artery into the Jiliby/Dooralong Valley, Jiliby Road is destined to be subsided 1.75 metres in places, remembering that these valleys flood on a regular basis leaving residents isolated from all directions.
- Dust and noise from stockpiling and rail movements will impact on the established suburbs of Blue Haven, Wyee and all along the rail corridor from Morisset through Cardiff and southern suburbs to the port of Newcastle. The proponent fails to adequately address these ramifications. New burgeoning suburbs being created in northern Wyong shire will be impacted by the mining proposal. It is placed amid these developments and should not be considered based on known high rates of asthma and bronchitis as voiced by the medical profession for decades.
- Nineteen species of avian migratory waders in the area are protected under the Federal EPBC Act with binding agreements with China (CAMBA), Japan (JAMBA) and South Korea itself (ROKAMBA). The proposal directly affects these agreements. There are also flora species listed as threatened under the Act and local fauna species listed as endangered under the Act with the proposed mining area.
- The Director-General's Requirements are extensive and in most areas Korcs have failed to address these adequately. The proposal should be rejected outright as the long term damage to the coast's water, bio diversity, infrastructure, amenity and health is unacceptable. The addition of the result of burning this resource within the next ten years has not been evaluated upon damage to the earth's climate and will be wholly condemned as the trend to reject fossil fuels gains momentum.

Yours faithfully

*Karl Begwarchy*