

#StopKalbar



And the proposed Fingerboards Mineral Sands Mine



DID YOU KNOW...

- Kalbar Operations Pty Ltd, a new company with **NO** experience operating a mine is proposing a 1675 hectare open-cut mineral sands and rare-earths mine at the Fingerboards, 20km NW of Bairnsdale.
- On top of a plateau, 13 square kilometres of land will be excavated up to 50m deep, which is much deeper than other such mines in Australia.
- Daily, 80 B-Double truck movements will transport hazardous materials.
- There are over 82 residences and a school within 3kms of the mine's boundary.
- A 24/7 mining operation is proposed where many people live.
- In response to a survey, 85% of directly impacted landholders don't want the mine on or near their land with 5% unsure.
- *This is the wrong place for a dangerous mine where so many families live, work, farm, where food is grown, drinking water is stored and children go to school.*



Size comparison, in hectares, of Kalbar's proposed mine, overlaid on a map of Bairnsdale.

RADIOACTIVE AND HIGHLY TOXIC SUBSTANCES

- According to a Kalbar report, the following highly toxic carcinogenic heavy metals are expected to be in the dust generated including: Arsenic, Chromium, Thorium, Titanium, Uranium and Vanadium.
- Airborne silica in the dust, if inhaled, causes cancer and lung diseases.



View taken from the vegetable fields of the Mitchell River valley, across the Mitchell River to where the mine project area is proposed to be located on top of the plateau marked in red.

CONTAMINATION RISKS

- Kalbar admits it can't control all the dust generated.
- Downwind and 350m from the mine boundary is the Mitchell River.
- The \$150M/year Mitchell River Valley vegetable industry that employs up to 2,000 people is as close as 500m downwind.
- The town water supply from the Woodglan Reservoir is 3.5km downwind.
- Tailings waste and large volumes of chemical flocculants could enter aquifers, the Perry River and Mitchell River which flow into the Gippsland Lakes.

HUGE DEMANDS ON WATER

- If Kalbar's proposal to use centrifuges (which are untested in mineral sands mining) is unviable, up to 5 billion litres (5GL) of water will be needed annually for up to 20 years, otherwise 3GL will be required.
- Kalbar's high need for water could lead to earlier and tighter restrictions on users reliant on water from the Mitchell River, such as the horticulture industry, and is likely to impact the health of the Gippsland Lakes.



JOBS AND TOURISM

- Thousands of direct and indirect jobs in agriculture and tourism are potentially threatened from contamination.
- If more water was released to the horticulture industry they could create hundreds of more jobs than Kalbar's proposed 200 short-term jobs.



HOW TO HELP

- Email asking for this mine proposal to be refused:
- The Premier Daniel Andrews: daniel.andrews@parliament.vic.gov.au
 - Hon Richard Wynne, Minister for Planning: richard.wynne@parliament.vic.gov.au
 - Hon Jaclyn Symes, Minister for Resources: jaclyn.symes@parliament.vic.gov.au



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