

REC'D FROM MATT ARMSTRONG 6/7/80. **DRAFT**



MEC-20-93 EL2378 REF 201A

**LEGEND**

- Mining Lease Boundary
- Exploration Licence
- Mine Owned Dwelling
- Privately Owned Dwelling
- Activity Area
- + Proposed Exploration and Geotechnical Drill Site and Seismic Survey Site
- Proposed Soil Investigation Site

**MERIBAH DRILLING**  
 NB MATT & JANE HAD  
 THIS PLAN AVAILABLE  
 WHEN MET JANN H & JC  
 ON FRI 26/6/20.  
 BUT DID NOT PRODUCE IT.

Source: NSW Spatial Services (2020); NSW Planning, Industry & Environment (2020); CHPL (2018)



CADIA VALLEY OPERATIONS

Site Plan

**Figure 3**



**Re: Meeting 26/6/20 at Errowanbang and Residents' Meeting 1/7/20.**

Dear Jane and Matt,

Following your requests to meet Jann Harries and myself, independently, to inform as to Cadia's drilling intentions on the whole of the Knox families' properties, ostensibly to ascertain:-

- i. Gold mining potential vis a vis Cadia's joint venture with Climox,
- ii. Available water resources and
- iii. Rock/ground conditions for a future tailings dam (principal purpose).

I note Cadia's drilling proposal involves both the western and eastern sides of the ridge basically defined by Cadia and Merribah Roads and that you will provide Jann and I with a detailed map and schedule of Cadia's proposal when available.

It became clear from the Resident's Meeting that this drilling is a precursor to a potential major expansion of the mine to the south/southeast which will require a detailed EIS and Application for a New Mining License, "potentially 5 years in the making".

Both Jann and I (Hamdaisy P/L) have lands adjoining the Knox properties and both have frontage to Flyers Creek. Naturally we are very interested and concerned to know specifically what Cadia proposes and what effect it will have on us and our properties.

What is of extreme concern to both of us is the apparent proposal to include lands to the east of the ridge all the way down to Flyers Creek. Does Cadia have further designs on Flyer's Creek water?

I understand you have met individually with adjoining owners, including those to the south of us. I am of the opinion, that when Cadia has firmed up its drilling program, you should call a community meeting of affected land owners to ventilate with the community all issues as envisaged by the EP & A Act consultation provisions.

I believe that the other matters we discussed on the 26<sup>th</sup> June, existing tailing dams' uplifts, dust, water(generally) and the proposed solar farm were canvassed at the subsequent Residents' Meeting. I presume Minutes of that meeting are kept and further that these minutes are circulated to attendees/ residents.

I look forward to receiving a copy of the Minutes.

Matters of particular interest to me, in no order of precedence, arising from the Residents' Meeting were:-

1. Cadia's drilling for future mining /water/tailings dams to the south/south east proposal.
2. Finality for the issues of silica within emitted dust as follows:-



- a. Paul Harrison's contradiction of previous advice from Cadia (Peter Nagle CEO and other Cadia officers at the Errowanbang Community Meeting on the 28/10/2019), "that silica degrades over time from exposure".  
According to Paul Harrison there is "No difference between raw and aged silica".
  - b. Conformity to Regulations as raised by Mike Retallack re testing silica particles PM2.5 or PM10. We should be copied with Paul Harrison's full report.
  - c. Deployment of dust monitors. Errowanbang's original monitor was faulty and was agreed to be replaced over 12 months ago. A similarly located monitor could operate from our nearby power circuit without solar panels. Dust on the panels appeared to be part of the problem.
  - d. What is the larger scale affect of dust on community solar panels?
  - e. Control of raw silica escaping into the atmosphere from Cadia's "transfer and draw points".
  - f. An expert opinion on the effect of increased ventilation in the mine on airborne silica.
3. Resolution of tailing dams lifts' heights status. Can you provide contact details for the ITRB?
  4. Resolution of flooding or limited tailings use of the existing tailing dams to stop dust permanently and even provide water security. Cadia could seek approval for limited flooding of NTSF, notwithstanding the slump and lift design have not been resolved. The community is not supportive of a 40 m lift to the NTSF !
  5. Expert resolution as to why "Cadia's dust" sticks as distinct from regional dust and the effect of this sticky dust on stock/ pastures.  
At the Community Meeting , on 28/10/19, Cadia agreed to provide a geochemical breakdown of the dust .
  6. Resolution of the affects of reagents and waste from the Moly process (Mike Retallack).
  7. Assessment of the long term effect of polymers or hydromulch on tailings dams, especially after rain.
  8. Examination of the efficacy of Cadia's proposed upstream embankment design and extended downstream embankment footprint for "any approved " dam lifts.
  9. Correlation of Cadia's tailings dams' lift proposals to the "approved deposition volumes".
  10. Newcrest's actual intended Cadia mine life? How many years of mining yet at Cadia? Please refer to Newcrest's 2017 presentation ( Credit Suisse ) attached.  
I do not believe the residents/community are aware that Cadia has proposed 11 and

reportedly , possibly 19 caves at Cadia. The residents/community are entitled to know NOW what is proposed.

11. Nic B's report on water/ groundwater and streams as well as composition of Cadia's 160ML/daily water use should be circulated to residents asap.
12. When will the proposed CPX 10 years mine extension time run from ?

Undoubtedly , the Mod 14 Application and the Application /EIS for further tailings dam(s) and ( ? ) to the south/ south east will ventilate and hopefully finally resolve many of these matters but the residents/community are entitled to be kept informed , **in the interim** , of **ALL of Cadia's proposals as they affect we residents.**

Regards

John Gerathy  
Errowanbang  
5/7/2020