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**Akttitel** Comments on Draft of Executive Order on limitation of minerals covered by future exploration licenses is out for public consultation

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**Ansvarlig** Jørgen T. Hammeken-Holm

**Vedlagte dokumenter** Comments on Draft of Executive Order on limitation of minerals covered by future exploration licenses is out for public consultation

**Dokumenter uden PDF-version (ikke vedlagt)**

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**Til:** Officiel post til For Erhverv, Handel, Råstoffer, Justitsområdet og Ligestilling (asn@nanoq.gl), Bo Simmelsgaard (bosd@nanoq.gl), Jørgen T. Hammeken-Holm (JOEH@nanoq.gl)  
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**Titel:** Comments on Draft of Executive Order on limitation of minerals covered by future exploration licenses is out for public consultation  
**Sendt:** 08-10-2024 03:45

Dear Jørgen,

### **Sent on behalf of Rimbal Pty Ltd – Licence 2010-24**

I have reviewed your proposed new changes and I, on the whole, agree its heading in the right direction with one possible exception.

The mineral sodalite – there was considerable work undertaken in the 1990's on turning this into a material to replace phosphate in soaps and detergent. In other words to use the mineral as an industrial mineral. Similarly we ourselves have found a use for its fluorescent properties. Therefore to limit sodalite may have a negative flow on affect.

The other problem with sodalite, at least from the Ilimaussaqa intrusion is many of the colours of sodalite are brought on by radiation. The colours of sodalite here are:

- |              |  |
|--------------|--|
| <b>Clear</b> | Natural colour   |
| <b>Green</b> | Natural colour   |
| <b>Blue</b>  | Caused by uranium/ thorium from steenstrupine, usually when polluted by the brown of the steenstrupine is in the jewel piece that is sold. The overall grade of thorium and uranium would be in excess of 1000 ppm, and in many specimens at the % level. Yes it does produce a very attractive blue and brown polished stone for a neck lace, but its radioactive content is off the scale. |
| <b>Red</b>   | Very highly prized but it does not hold its colour well – again heavily dependent on nearby radioactive. The presence of steenstrupine can be seen throughout all specimens  |

The green and clear make up by far the majority, and often contain no uranium. They do not polish at all, but are suitable for industrial uses. Although as the licence predates the change, we would keep the sodalite rights.

It would worry me with the 100 ppm limit. It would concern me if one group were allowed to sell highly priced sodalite that carried 1000 ppm radioactives.

Kind Regards

Greg Barnes

*Sent by Anna Wingell*  
Office Manager  
On behalf of Greg Barnes

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