Friends of Stradbroke Island Inc PO Box 167 Point Lookout 4183

Stradbroke Island Management Organisation Inc Point Lookout 4183

30 May, 2010

Mr Paul Smith Unimin Australia Limited North Stradbroke Island

Dear Paul,

In relation to mining on North Stradbroke Island, present and past, is Unimin Australia Limited, or any of the companies it owns and/or controls, including CRL, aware of any scientific studies and/or reports relating to any of the issues set out below. We are referring to studies/reports carried out by anyone, including employees, consultants, and independent researchers, such as university post-graduates.

- 1. Studies and/or reports relating to characterization of the nature of post-mining landscapes and substrates in terms of the standard properties relevant to groundwater movement and storage (infiltration, transmission, recharge, porosity, permeability, etc.).
- 2. Studies and/or reports revealing how mining by dredge with post-mining rehabilitation (recontouring, revegetation, etc.) has changed the original groundwater regimes in terms of attributes such as rates of recharge and storage, loss of aquitards and soil horizons, changes to rates and paths of water supply to wetlands (lakes, swamps, intertidal).
- 3. Studies and/or reports revealing how mining by dredge with post-mining rehabilitation (recontouring, revegetation, etc.) has changed the pre-mining water chemistry of groundwater in terms of attributes such as salinity, pH, and other components being monitored.
- 4. Studies and/or reports revealing how the Anthroposols (post-mining soil profiles) created by mining and post-mining rehabilitation (recontouring, revegetation, etc.) compare with the original soil profiles and substrates in terms of standard pedological properties.
- 5. Studies and/or reports revealing the temporal variation in water chemistry of surface waters (lakes, swamps, streams) in terms of attributes such as salinity, pH, and other components.

If there is any knowledge concerning the existence of any such studies and/or reports we request that you specify what exists and provide copies.

We also refer to the minutes from the last meeting, item 6 and note that you were to provide information relating to unmined areas which Unimin/ CRL intend to mine.

We would appreciate receiving your responses as soon as possible in view of the ongoing public interest in mining on North Stradbroke Island and our responsibilities as stakeholders.

Yours Sincerely,

Sue Ellen Carew President, FOSI

Jackie Cooper President, SIMO