05 September 2014

Tony Blue
Blueprint Planning Consultants
6 Braeroy Drive
PORT MACQUARIE NSW 2444

Our ref: 22/17047
Your ref: 16171

Dear Tony

T6-15-67 - Proposed Quarry Operation at Church Hill Quarry
Noise Impacts

In response to your concerns regarding noise from the proposed Church Hill Quarry, please find attached a letter from the residents at 208 Crescent Head Road (R2 in the Noise Impact Assessment) indicating they support the proposal and have no desire to be protected from the associated noise.

In regards to R5, R10 and R21, the exceedances, during the worst case scenario, are predicted to be marginal (1dB at three receivers and 2dB at R5). Comparatively, a change of 2 to 3 dB is only just perceptible to the average normal human ear. In addition, the internal access road is now proposed to travel through a cut with walls up to 7.69 meters high compared to the 3 meter high walls recommended in the Noise Impact Assessment. This is likely to reduce the noise impact at R5 and R10 to within the noise criteria.

Noise predictions have been based on a number of conservative assumptions and model configurations, such as peak production rate and haul truck movements. For these reasons, it is likely that actual site noise on a day-to-day basis would be lower than the predicted values. It is recommended that compliance noise monitoring be undertaken during initial phases of quarry operations (including haul truck movements) to verify the predicted noise levels. If the noise criteria are not achieved, additional measures (eg more mitigation, altered operation, etc) will be required. This would not only be required by Council but would also be enforced by the EPA through the Environmental Protection Licence.

In summary, we believe the noise impacts in the Noise Impact Assessment are overstated, the exceedances are generally not perceptible, additional mitigation has been proposed since the modelling was done and compliance with the noise criteria would be strictly enforced by Council and EPA.

We trust the above resolves your concerns regarding noise impacts at Church Hill Quarry but please contact the undersigned if you have any further concerns.

Sincerely
GHD Pty Ltd

Ben

Ben Luffman
Senior Environmental Scientist/Planner

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Mr W & Ms M Geatches
208 Crescent Head Road
South Kempsey NSW 2440
Phone:_____
Email:_____

22 August 2014

The Assessing Authorities
Assessing the development application for
the quarry at Crescent Head Road, South Kempsey
(the "**Church Hill Quarry**")

Dear Assessor,

I am a resident of South Kempsey, my residential address is set out above.

I understand that NSW Quarry Services Pty Ltd ("**NSWQ**") has applied for development approval to increase the scale of operation of the Church Hill Quarry to a maximum annual out put of 450,000 tonnes of material per year.

I support the operation of the quarry. I have no concerns about noise in the operation of the quarry and I have no need for any conditions to be included in any development approval to operate Church Hill Quarry for my protection in relation to noise.

My hope is that the materials from the quarry allow for the Pacific Highway upgrade to be completed quickly with the obvious saving of life in that happening.

Yours faithfully,

Mareea Geatches

Wayne Geatches

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