



8th September 2016

Genevieve Seed
Planning Officer-Resource Assessments
NSW Department of Planning & Environment
Level 3, Room 305, 23-33 Bridge Street
Sydney NSW 2000 Australia

Emailed: genevieve.seed@planning.nsw.gov.au

Your Reference: DA 94-4-2004
Our Reference (TRIM): OUT16/33544

Dear Ms Seed

Re: Calga Sand Quarry – Modification 3 (DA 94-4-2004)

Thank you for the opportunity to provide advice on the above matter. This is a response from NSW Department of Industry – Geological Survey of New South Wales (GSNSW).

General Information

The building and construction industries in NSW require ongoing replacement of supplies as sources are exhausted. The expansion of existing quarries subject to environmental assessment, helps to ensure a continued supply of material for a range of building and construction uses in NSW. The Calga Sand Quarry represents an important source of construction sand for the local and regional area. GSNSW has reviewed the Environmental Assessment for the installation and operation of a crushing system at the Calga Sand Quarry and has no concerns with it.

The Calga Sand Quarry was included in the Mineral Resource Audit (MRA) which GSNSW completed for Gosford City Council (now part of Central Coast Council), a copy of which was forwarded to council in October 2012. The MRA was conducted in accordance to Section 117 (2) Direction 1.3 – Mining, Petroleum and Extractive Industries under the *Environmental Planning & Assessment Act 1979*.

GSNSW encourages maximum resource utilisation within existing quarries and the incorporation of a crushing system would allow for a greater recovery of the extracted resource in quarry production. GSNSW has no resource related issues to raise in regard to the proposed modification. Accordingly we have no recommendations to make regarding conditions of consent.

Geoscience Information Services

The GSNSW has a range of online data related to mineral exploration, land use and general geoscience topics:

<http://www.resources.nsw.gov.au/geological/online-services>

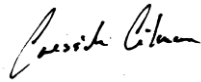
The location of current exploration and mining titles in NSW, explanations of mining and production titles and the roles of community and government in the decision making

process for mining/resource projects may be accessed by the general public using the following online utilities:

<http://www.commonground.nsw.gov.au/#/>

Queries regarding the above information, and future requests for advice in relation to this matter, should be directed to the GSNSW Land Use team at landuse.minerals@industry.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Cressida Gilmore', written in a cursive style.

Cressida Gilmore
Manager - Land Use