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Ref: 1935.710.001

Sunshine Coast Regional Council
Locked Bag 72
Sunshine Coast Mail Centre QLD 4560

Dear Sir/Madam

*SUPPLEMENTARY ADVICE FOR COUNCIL INFORMATION REQUEST RESPONSE
DEVELOPMENT APPLICATION FOR MATERIAL CHANGE OF USE – DEVELOPMENT PERMIT
COMPRISING EXTRACTIVE INDUSTRY (EXTENSION), CARETAKER'S ACCOMMODATION AND
CONCURRENCE ENVIRONMENTALLY RELEVANT ACTIVITIES (ERAS) AND ENVIRONMENTAL
AUTHORITY FOR ERAS 16(2)(C) AND 16(3)(C) ON LAND SITUATED AT BEERBURRUM-WOODFORD
ROAD, BEERBURRUM QLD 4517 (DESCRIBED AS PART OF LOT 589 ON FTY1876)*

COUNCIL REFERENCE: MCU16/0275

Traffic and Transport Plus provides the following further advice to accompany the response to Item 11 of the Information Request letter issued by the Sunshine Coast Regional Council (Council) dated 22 December 2016, in relation to the abovementioned development application.

The commentary provided herein is supplementary to the MRCagney Information Request Response provided as *Attachment 4* of the Groundwork Plus Information Request Response letter, dated 12 June 2017.

Item 11 states as follows:

Identify measures to limit potential impacts upon the functioning of school buses and also to address the safety of school children in the vicinity of Beerburrum School.

Upon conducting site inspections and observing the through traffic in the vicinity of the Beerburrum State School, both out of drop-off/pick-up hours and during drop-off/pick-up hours, it was confirmed that the existing traffic infrastructure and car parking arrangements have been designed with through traffic in mind, including for existing heavy vehicle traffic. It is considered that this existing infrastructure and arrangements will continue to function safely and efficiently with the additional traffic that would be generated by the proposed quarry operation.

Beerburrum Road in the vicinity of the Beerburrum State School is well-provisioned with existing signage, a pedestrian crossing, indented bus bays and access to a well-designed car parking area for the safe pick up and drop off of school children.

The school zone speed limit signage installed on Beerburrum Road (in both directions) is clear and also illuminated (flashing), limiting traffic speed to 40km/hr between the hours of 7:00am to 9:00am and 2:00pm to 4:00pm on school days (refer Figure 1).



Figure 1 – Heading north-east on Beerburum Road, note the illuminated School Zone speed limit signage (source: Groundwork Plus, 2 March 2017)

The school pedestrian crossing located on Beerburum Road is well-laid out and benefits from adequate sight distances in both directions (refer Figure 2). The school pedestrian crossing is supervised during the morning and afternoon peak school movements and a 'Children Crossing' banner is also erected at the crossing during those times. Crossing Ahead signage is also installed well in advance of the crossing (refer Figure 3).



Figure 2 – Heading north-east on Beerburum Road, School crossing (source: Google Maps Street View, dated March 2014)
Note: Image is outside of school crossing hours.



Figure 3 – Heading north-east on Beerburrum Road, Crossing Ahead signage
(source: Google Maps Street View, dated March 2014)

Private vehicle movements for drop-off and pick-up are accommodated by a dedicated one-way school drop-off and short-term parking area which is separated from Beerburrum Road. There is also good on site queuing lengths and a further indentation of the intersection (broken lines), to ensure uninterrupted flow of through traffic (refer Figure 4). A longer term school parking area is also located on the school grounds.



Figure 4 – Looking north into the school grounds, from the entry to the one-way school drop-off area and parking
(source: Google Maps Street View, dated March 2014)

An indented bus bay is located on Beerburrum Road, adjacent to the school crossing (refer Figure 6).



Figure 6 – Heading south-west on Beerburrum Road, approaching the indented bus bay
(source: Google Maps Street View, dated March 2014)

As an additional management measure, the applicant proposes to implement a driver's code of conduct, which is included within the MRCagney Information Request Response (included as part of *Attachment 4* of the Groundwork Plus Information Request Response letter dated 12 June 2017).

Please do not hesitate to contact me on (07) 3871 0411 or via email: btrevilyan@tplus.com.au if you have any queries.

Yours sincerely
Traffic and Transport Plus

Bryce Trevilyan
Principal Traffic Engineer