

# Martins Creek Quarry

## Department of Planning and Environment

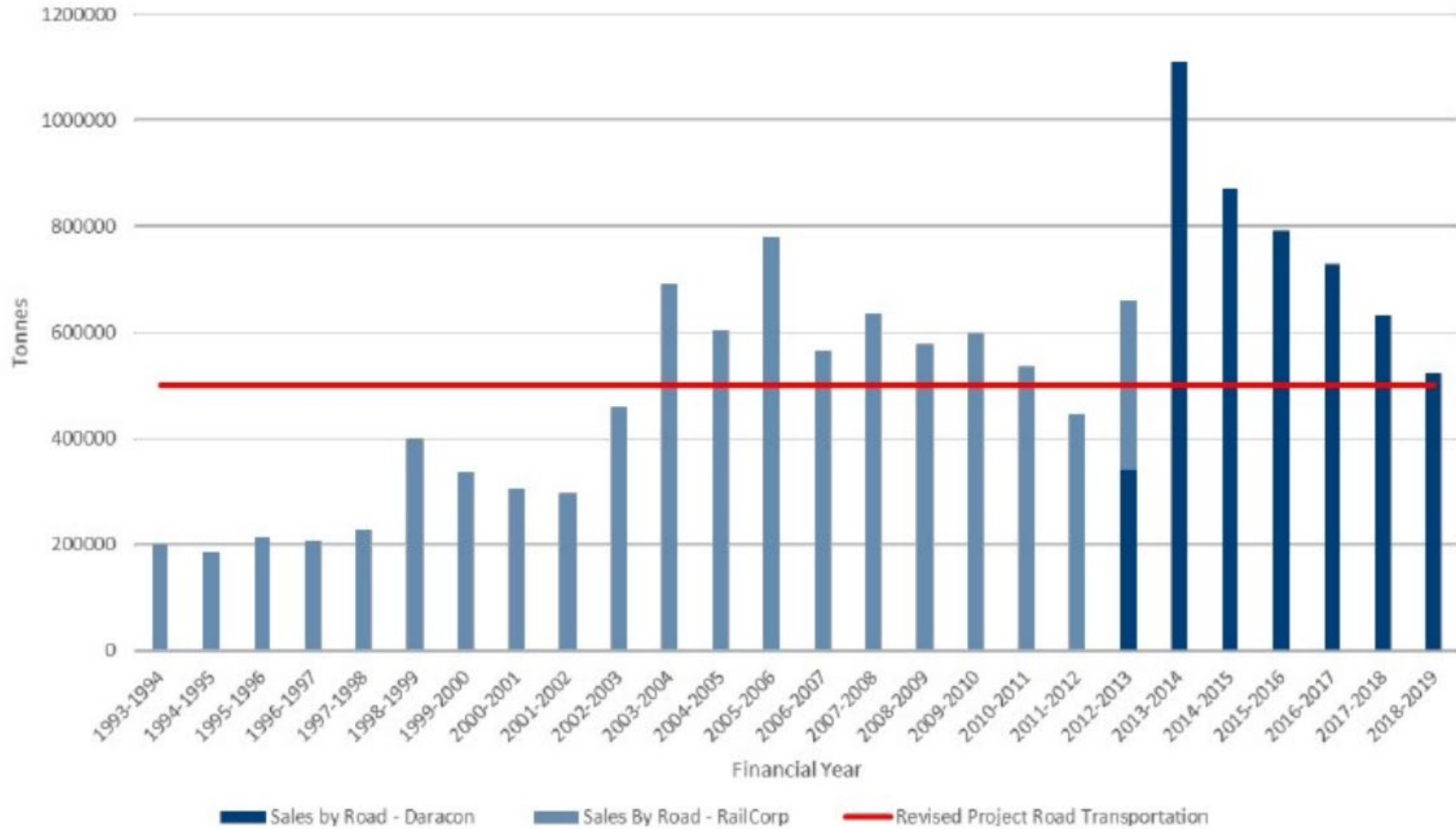
### Independent Planning Commission Presentation

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Director Resource Assessments

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**Figure 6-1 | Proposed annual road haulage tonnage vs historical road haulage 1993 - 2019**



**Table 2-1 | Comparison of original and amended Project**

Component	Original Project (2016)	Amended Project (2021)
<b>Project life</b>	30 years	25 years
<b>Limits on extraction and product transport</b>	Total extraction of up to 1.5 Mtpa	Total extraction up to 1.1 Mtpa
	Mostly road (up to 1.45 Mtpa), with approximately 50,000 tpa by rail	Road and rail transportation, with a maximum of 500,000 tpa by road
	Two road haulage route options	Only one route option (refer to <b>Figure 2.2</b> )
<b>Disturbance footprint</b>	82.2 ha, including previously cleared land	66 ha, including previously cleared land
	In-pit quarrying operations 6 am to 6 pm Monday to Saturday	No in-pit mobile crushing in the West Pit. Blasting of quarry material only between 11 am and 3 pm Monday to Friday
<b>Operating hours</b>	Evening/Night crushing and processing activities 6 pm to 10 pm	No quarrying or processing during Evening period (6 pm to 10 pm). No operations during Night period (10 pm to 7 am) No crushing or processing prior to 7 am Monday to Saturday
	Pugmill mixing and binder delivery operations - 4.30 am to 10 pm Mon to Friday, 4.30 am to 6 pm Saturday	
	Sales loading and stockpiling for road transport - 5.30 am to 7 pm Monday to Saturday	7 am to 6 pm Mon to Sat. No loading of trucks before 7 am Mon to Fri. No quarry trucks through Paterson prior to 6.45 am Monday to Friday
<b>Workforce</b>	Operations – 36 full time equivalent positions	Operations – 22 full time equivalent positions
<b>Infrastructure</b>	New access road and driveway including a bridge over the existing railway line	Further engineering design work has been undertaken on the access road
	Potential extension of internal rail siding	Further engineering design work has been undertaken on the internal rail siding
<b>Product transport</b>	Maximum 215 loaded product trucks per day (430 movements per day)	Max. of 140 loaded trucks (280 movements) per day for 50 days per

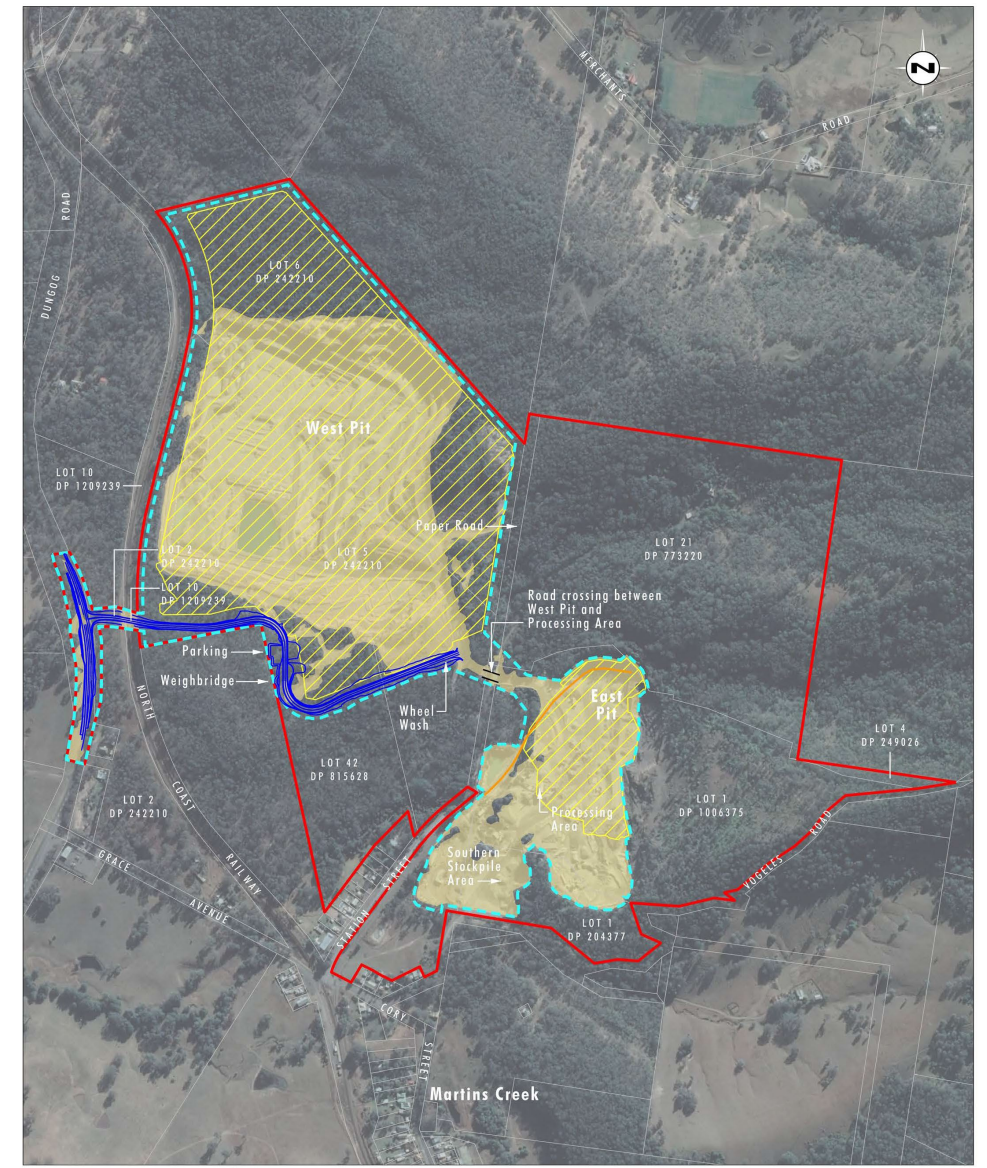


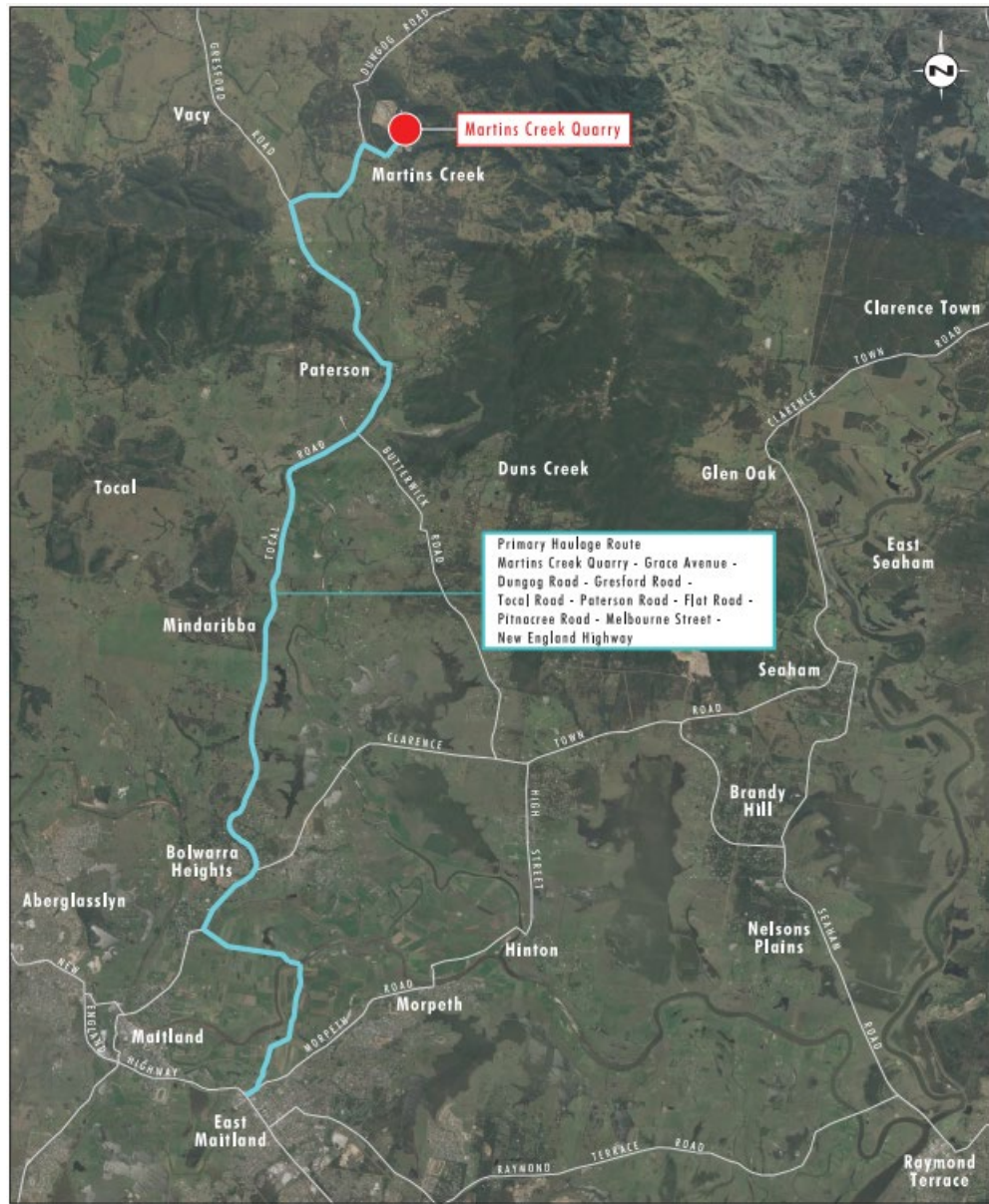
Image Source: Google Earth (2018)  
Data Source: Darccon (2020)

- Legend**
- Project Area
  - - - Approved Disturbance Area
  - ▨ Existing Quarry Disturbance Area
  - ▨ Approved Extraction Area
  - New Access Road
  - Rail Siding Extension

**Key Features of the Revised Project**

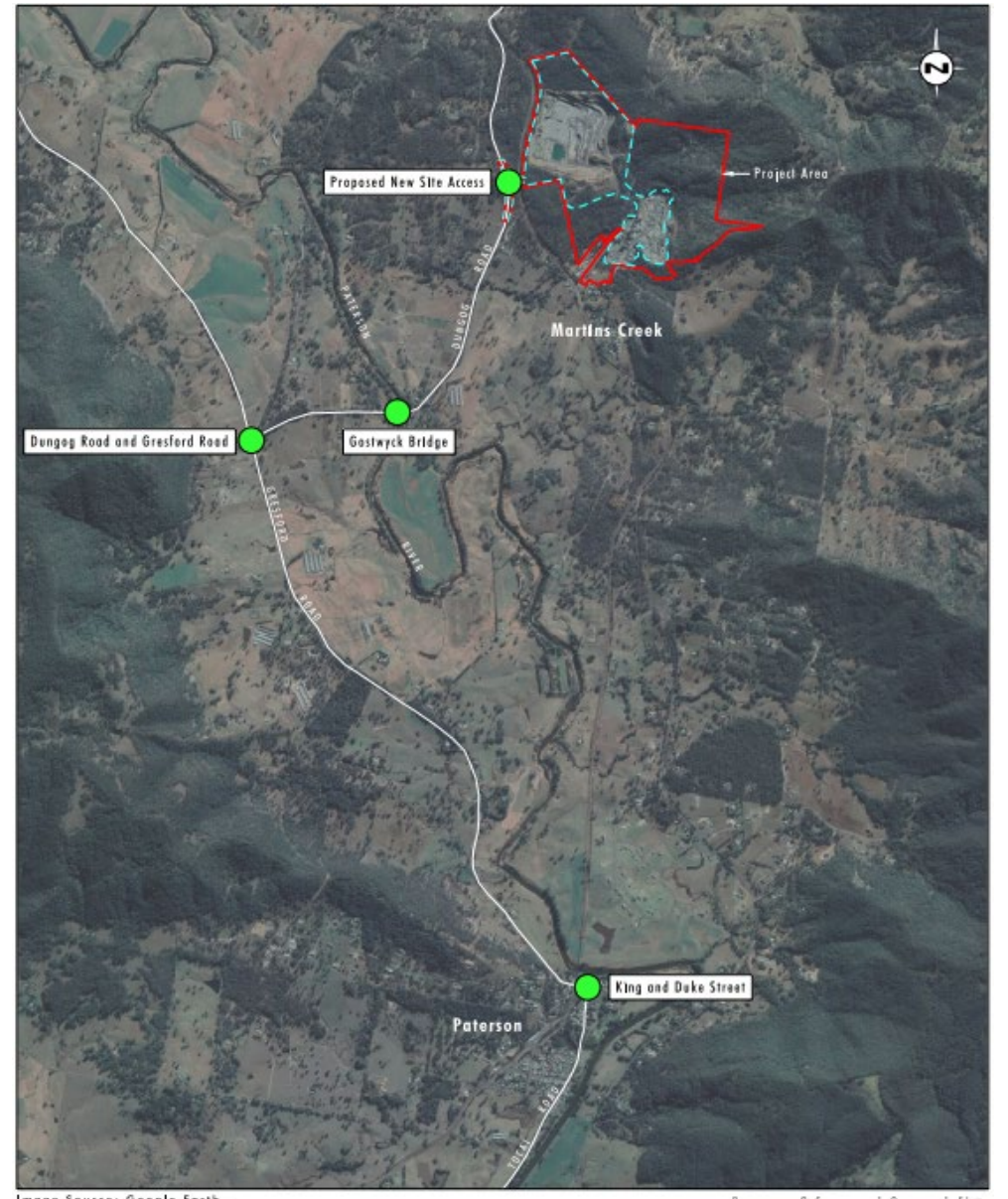






Legend  
 Primary Haulage Route

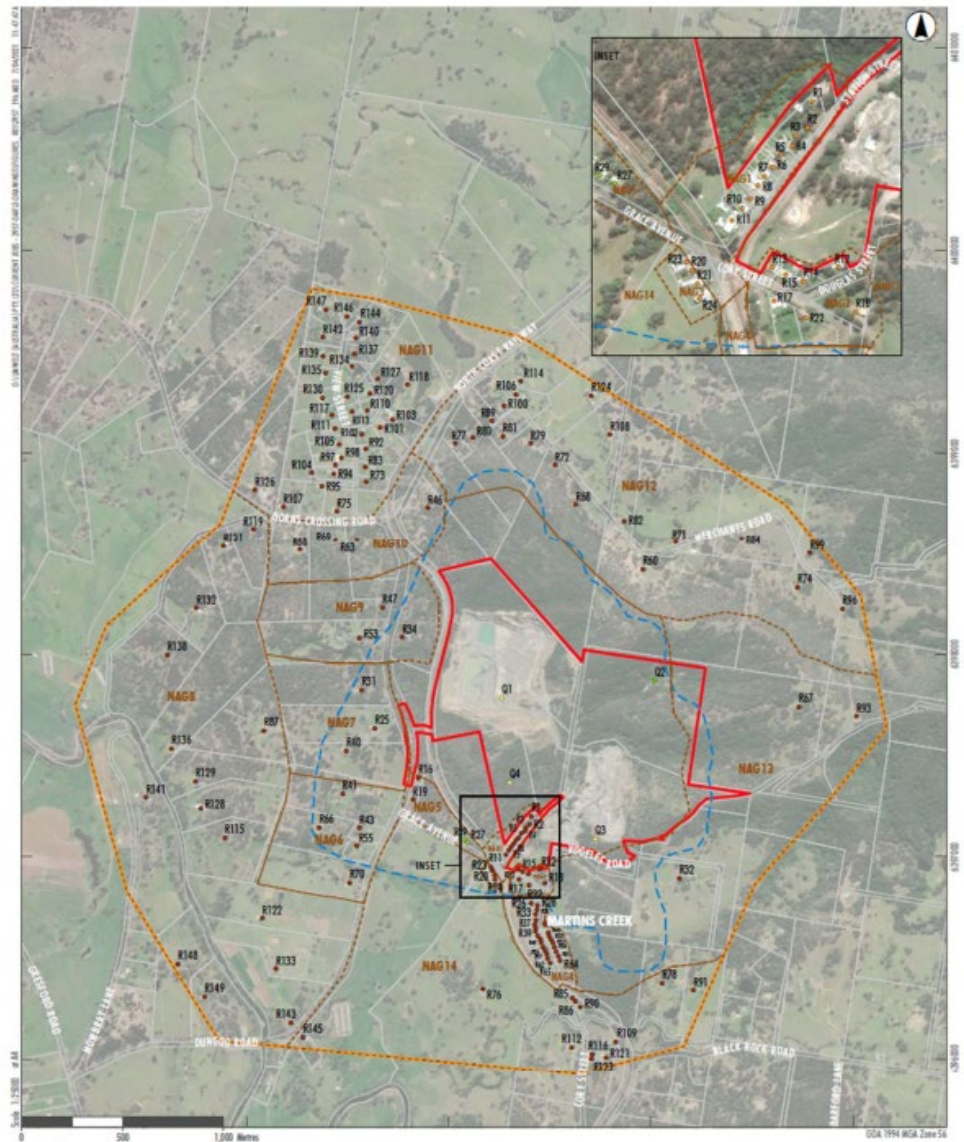
**FIGURE 2.13**  
 Proposed Haulage Route



Legend  
 Project Area  
 Proposed Disturbance Area  
 Proposed Intersection/Bridge Approach Upgrade

**FIGURE 2.14**  
 Location of Proposed Intersection  
 and Bridge Approach Upgrades





Legend

- Project Area
- Noise Receiver Modelling Area
- Indicative Noise Management Zone
- Noise Assessment Groups
- Modelled Noise Receivers**
- Quarry General
- Quarry Receiver
- Proponent Owned/Managed
- Sensitive Receiver

FIGURE 6.4

Privately Owned Residential Receivers

Figure 6-6 Noise/air quality sensitive receivers and NAGs surrounding the Project site