

PROJECT SHEET

EXTRACTIVE INDUSTRY



BACKGROUND

Assessing and mitigating the traffic engineering impacts of extractive industry is a challenging process given the:

- size and number of heavy vehicles involved in the haulage of materials
- the location of resources, which often need to be transported over long distances and frequently have poor quality existing connections to road and rail
- the impacts of additional heavy vehicle movements on road safety, amenity, traffic network capacity and pavement conditions

PTT works with our clients by providing traffic engineering advice to address the unique challenges of extractive industry projects during all stages of the development process, including:

- preliminary site assessment
- site access design and location
- internal site layout and operations
- haul route design
- intersection analysis and road upgrade requirements
- pavement impact assessment and infrastructure contributions
- traffic impact assessment

CAPABILITIES

We have provided design development advice and assessed the traffic and pavement impacts for a number of extractive industry projects. In each case, we work closely with the client and the design team to achieve:

- safe and efficient on-site operations
- suitable site access arrangements
- adequate intersection and local road upgrades
- reasonable pavement contributions

Relevant exemplars include:

SIGNATURE PROJECTS



Frazerview Quarry in Scenic Rim Council for Wagners (2018-2019)

Frankfield Quarry in Isaac Regional Council with Ausrocks Consulting (2017-2018)



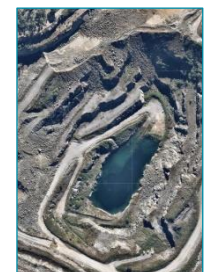
Rolf Creek Quarry, Middlemount for Clermont Quarries (2018)

Jervois Project with Nitro Solutions in the Northern Territory (2018-2019)



Bungil Quarry, Roma with Ausrocks Consulting (2015)

Mt Walker Hard Road Quarry in Scenic Rim Council with Ausrocks Consulting (2013-2016)



Brookview Quarry, Pittsworth for Bland Sand & Gravel (2018)