

Testing Minerals Options against a Range of Supply Requirements

A 19 year period is used, from the end 2008 (last published data on permitted reserves) to 2027, providing a 15 year Core Strategy period from expected adoption in 2012.

SHARP SAND AND GRAVEL	Average 5 year production 0.96 mtpa x 19 years = 18.24 million tonnes	Average 10 year production 1.23 mtpa x 19 years = 23.37 million tonnes	SEERA proposed figure 1.31 mtpa x 19 years = 24.89 million tonnes	CLG guidance figure 1.74 mtpa x 19 years = 33.06 million tonnes
Sand and gravel option 1				
- Permitted reserves	5,687,000	5,687,000	5,687,000	5,687,000
- Estimated yield of nominations	33, 291,000	33, 291,000	33, 291,000	33,291
TOTAL	38,978,000	38,978,000	38,978,000	38,978,000
Sand and gravel option 2				
- Permitted reserves	5,687,000	5,687,000	5,687,000	5,687,000
- Estimated yield of nominations	58,690,000	58,690,000	58,690,000	58,690,000
TOTAL	64,377,000	64,377,000	64,377,000	64,377,000
Sand and gravel option 3				
- Permitted reserves	5,687,000	5,687,000	5,687,000	5,687,000
- Estimated yield of nominations	96,681,000	96,681,000	96,681,000	96,681,000
TOTAL	102,368,000	102,368,000	102,368,000	102,368,000

SOFT SAND	Average 5 year production 0.19 mtpa x 19 years = 3.61 million tonnes	Average 10 year production 0.21 mtpa x 19 years = 3.99 million tonnes	SEERA proposed figure 0.27 mtpa x 19 years = 5.13 million tonnes	CLG guidance figure 0.36 mtpa x 19 years = 6.84 million tonnes
Soft sand option				
- Permitted reserves	1,231,000	1,231,000	1,231,000	1,231,000
- Estimated yield of nominations	10,900,000	10,900,000	10,900,000	10,900,000
TOTAL	12, 131,000	12, 131,000	12, 131,000	12, 131,000

CRUSHED ROCK	CLG guidance figure 0.66mtpa x 19 years = 12.54 million tonnes
Crushed rock option	
- Permitted reserves	12,592,000 tonnes
- Estimated yield of nominations	17,210,000 tonnes
TOTAL	29,802,000 tonnes

October 2010