



## Rapid Rehab Specification Sheet

Rapid Rehab is specifically designed for large rehabilitation projects such as mine site rehabilitation whereby land managers can use a product that acts both as a growing medium and a balanced complete nutrient and carbon source for plant establishment. Rapid Rehab combines both compost components as well as clay and soil mineralogy to provide the necessary requirements for regeneration of degraded and disturbed areas.

Rapid Rehab is able to have seeds incorporated into it as part of a regeneration program, and is easily spread over large areas using standard spreading machinery.

The organic components of Rapid Rehab are manufactured according to AS4454-2012.Compost, Soil Conditioners and Mulches, as well as PAS100 requirements.

Rapid Rehab is supplied in bulk. CQ Compost can arrange transport or it can be carried out by a third party.

The benefits of applying Rapid Rehab to rehabilitation sites are numerous, such as:

- ☒ Improve soil structure
- ☒ Top soil replacement
- ☒ High organic carbon content, increasing water and nutrient holding capacity
- ☒ Source of N, P, K and trace elements for plant germination and growth
- ☒ Trace content of non-labile carbon
- ☒ Source of beneficial soil microbes

### Typical Rapid Rehab Specification

Nutrient/Parameter	Concentration
Organic Carbon (%)	15 – 25
Nitrogen (%)	1.5 – 2.0
Ammonium-N (ppm)	<50
Phosphorus (%)	0.3 – 0.6

Potassium (%)	2.5 – 3.5
Calcium (%)	1.5 – 3.5
Sulphur (%)	0.5 – 1.5
Magnesium (%)	0.4 – 0.6
Copper (ppm)	20 – 100
Zinc (ppm)	50 – 200
Manganese (ppm)	100 – 500
Iron (ppm)	5000 – 10,000
Boron (ppm)	20 – 70
Molybdenum (ppm)	1 – 5
Cobalt (ppm)	5 - 20
Silicon (ppm)	1,000 – 5,000
pH	7 – 8
EC (dS/cm)	3 – 10
Sodium (%)	<0.2
Wettability (minutes)	1 – 4
Particle sizing	Soil conditioner
Moisture (%)	30 – 40
Contaminants (glass, plastic etc.)	<0.005
Self heating (degrees Celsius)	<40

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\*Includes trace elements such as cobalt, copper, iron, manganese, molybdenum, silicon, zinc which are at varying concentrations.