

mineCARE™ Fact Sheet



To comprehensively evaluate a mining site, mineCARE combines both human and ecological impacts can provide a system score for ranking.

What is it?

Developed by crcCARE, mineCARE is an online contaminant site assessment and ranking system, developed for contaminated site management.

To comprehensively evaluate a mining site, mineCARE combines both human and ecological impacts can provide a system score for ranking.

The higher the score, the greater the environmental risk, prompting authorities to take action.

Why use mineCARE?



**Bespoke
remediation
information**



**Free to
access**



**Easy-to-use
interface**

How does it Work?

To evaluate the human impact,

- Both cancer effect and non-cancer effects;
- Potential exposure pathways to soil, groundwater, and surface water.
- Analytical results from soil and if applicable, groundwater and surface water samples.

To evaluate the ecological impact,

- Systemic questionnaire: information include soil erosion status, distance to nearest downstream and groundwater conditions are all taken into consideration.
- Laboratory plant growth toxicity studies: relative plant growth rate using soil samples and water samples from the contaminated site.



mineCARE™ Fact Sheet



Improving our approach

The system combines real measurement results and questionnaire to comprehensively assessment a contaminated sites and rank the sites by the potential risk to our environment.

Range of applications:

Derelict mining site management.



Heavy metal contaminated site management.



Other metals and metalloids contaminated site management.



How do I get hold of mineCARE?

mineCARE has been developed by crcCARE as part of a suite of tools that provide a one-stop shop for environmental management.

mineCARE is readily available at www.crccaretools.com.au

For further information contact Dr Liang Wang at liang.wang@newcastle.edu.au.



indoorCARE™

irCARE™

mineCARE™

probeCARE™

riskCARE™
infoCARE™