



# Kintyre Uranium Project

## Environmental Review and Management Programme

**Volume One:  
Executive Summary to Section 10**

November 2013



Prepared by ENVIRON Australia Pty Ltd  
on behalf of Cameco Australia Pty Ltd



## Disclaimer

This document is issued to Cameco Australia Pty Ltd as required for assessment of the Kintyre Uranium Project under Part IV of the Western Australian *Environmental Protection Act 1986* and the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*. It should not be used for any other purpose. Whilst reasonable attempts have been made to ensure that the contents of this report are accurate and complete at the time of writing, ENVIRON Australia Pty Ltd disclaims any responsibility for loss or damage that may be occasioned directly or indirectly through the use of, or reliance on, the contents of this report.

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## Invitation to make a submission

The Environmental Protection Authority (EPA) invites people to make a submission on this proposal. Both electronic and hard copy submissions are welcome. Cameco Australia Pty Ltd (Cameco) is proposing to develop the Kintyre Uranium Project (the Project) located approximately 1,200 km north northeast of Perth in the Shire of East Pilbara of Western Australia. The Project will consist of an open cut mine, a leach and precipitation ore treatment plant, Tailings Management Facility (TMF), above-ground Waste Rock Landforms (WRL) and associated infrastructure and facilities. It is proposed to produce up to up to 4,400 tpa of uranium oxide concentrate (UOC) as  $U_3O_8$  and transport the product by road to Adelaide for export.

In accordance with the *Environmental Protection Act 1986* (EP Act), an Environmental Review and Management Programme (ERMP) has been prepared which describes this proposal and its likely effects on the environment. The ERMP is available for a public review period of 14 weeks from 8 November 2013 closing on 14 February 2014.

Comments from government agencies and from the public will help the EPA to prepare an assessment report in which it will make recommendations to government.

### Why write a submission?

A submission is a way to provide information, express your opinion and put forward your suggested course of action - including any alternative approach. It is useful if you indicate any suggestions you have to improve the proposal. All submissions received by the EPA will be acknowledged. Submissions will be treated as public documents unless provided and received in confidence, subject to the requirements of the *Freedom of Information Act 1992* (FOI Act), and may be quoted in full or in part in the EPA's report.

### Why not join a group?

If you prefer not to write your own comments, it may be worthwhile joining a group interested in making a submission on similar issues. Joint submissions may help to reduce the workload for an individual or group, as well as increase the pool of ideas and information. If you form a small group (up to 10 people) please indicate all the names of the participants. If your group is larger, please indicate how many people your submission represents.

### Developing a submission

You may agree or disagree with, or comment on, the general issues discussed in the ERMP or the specific proposal. It helps if you give reasons for your conclusions, supported by relevant data. You may make an important contribution by suggesting ways to make the proposal more environmentally acceptable.

When making comments on specific elements of the ERMP:

- clearly state your point of view;
- indicate the source of your information or argument if this is applicable;
- suggest recommendations, safeguards or alternatives.

### Points to keep in mind

By keeping the following points in mind, you will make it easier for your submission to be analysed:

- attempt to list points so that issues raised are clear. A summary of your submission is helpful;
- refer each point to the appropriate section or recommendation in the ERMP;
- if you discuss different sections of the ERMP, keep them distinct and separate, so there is no confusion as to which section you are considering;

- attach any factual information you may wish to provide and give details of the source. Make sure your information is accurate.

Remember to include:

- your name;
- address;
- date; and
- whether and the reason why you want your submission to be confidential.

Information in submissions will be deemed public information unless a request for confidentiality of the submission is made in writing and accepted by the EPA. As a result, a copy of each submission will be provided to the proponent but the identity of private individuals will remain confidential to the EPA.

The closing date for submissions is: 14 February 2014.

The EPA prefers submissions on ERMP documents to be made electronically on its consultation hub at:

<https://consultation.epa.wa.gov.au>

Alternatively, submissions can be

- posted to: Chairman, Environmental Protection Authority, Locked Bag 10, EAST PERTH WA 6892, Attention: Robert Hughes; or
- delivered to the Environmental Protection Authority, Level 4, The Atrium, 168 St Georges Terrace, Perth, Attention: Robert Hughes.

If you have any questions on how to make a submission, please ring the EPA assessment officer, Robert Hughes on 6145 0826.

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## List of Appendices

Appendices A to D are in Volume Two.

Appendix A	Policies, Guidelines and Standards
Appendix B	Risk Assessment Matrix
Appendix C	Stakeholder Consultation
Appendix D	Management Plans
D1	Chemical and Fuel Storage Management Plan
D2	Radiation Management Plan
D3a	Transport Radiation Management Plan
D3b	Emergency Response and Assistance Plan
D4	Fire Prevention and Management Plan
D5	Dust Management Plan
D6	Waste Management Plan
D7	Surface Water Management Plan
D8	Groundwater Management Plan
D9	Flora and Vegetation Management Plan
D10	Fauna Management Plan
D11	Subterranean Fauna Management Plan
D12	Fibrous Materials Management Plan
D13	Greenhouse Gas Management Plan

- D14 Noise Management Plan
- D15 Cultural Heritage Management Plan
- D16 Mosquito Management Plan
- D17 Mine Closure and Rehabilitation Plan

## Technical Reports

Appendices E to V are on the CD on the inside front cover of Volume Two.

- Appendix E Tailings Management Facility Design and Operation
- Appendix F Introduction to Radiation
- Appendix G Air Quality Assessment Report
- Appendix H Soils Report
- Appendix I Surface Hydrology Report
- Appendix J Assessment of Connectivity Between Aquifer and River Pools
- Appendix K Groundwater Hydrology Report
- Appendix L Flora and Vegetation Reports
- Appendix M Fauna Reports
- Appendix N Subterranean Fauna Report
- Appendix O Aquatic Invertebrates Report
- Appendix P Geochemistry Reports
- Appendix Q Greenhouse Gas Report
- Appendix R Noise Assessment Report
- Appendix S Community Profile
- Appendix T Social Risk Assessment
- Appendix U Transport Risk Assessment Report
- Appendix V Mosquito Site Assessment Report