

# HAPPY VALLEY TITANIUM MINERALS PROJECT

## Environmental Review and Management Programme

August 2009



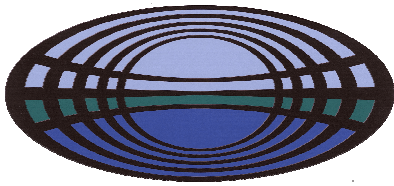
## ENVIRONMENTAL MANAGEMENT PLANS

Volume 3



**BEMAX**  
RESOURCES LIMITED





strategen

## **Happy Valley Titanium Mineral Project**

**Environmental Review and  
Management Program**

### MANAGEMENT PROGRAM

Prepared for  
Bemax Resources Limited  
by Strategen

August 2009

# Management Program

strategen

Happy Valley Titanium Mineral Project

---

## Happy Valley Titanium Mineral Project

Environmental Review and  
Management Program

## MANAGEMENT PROGRAM

Strategen is a trading name of  
Strategen Environmental Consultants Pty Ltd  
Suite 7, 643 Newcastle Street Leederville WA  
ACN: 056 190 419

August 2009

# Management Program

## ***Disclaimer and Limitation***

This report has been prepared for the exclusive use of the Client, in accordance with the agreement between the Client and Strategen (“Agreement”).

Strategen accepts no liability or responsibility whatsoever for it in respect of any use of or reliance upon this report by any person who is not a party to the Agreement.

In particular, it should be noted that this report is a qualitative assessment only, based on the scope of services defined by the Client, budgetary and time constraints imposed by the Client, the information supplied by the Client (and its agents), and the method consistent with the preceding.

Strategen has not attempted to verify the accuracy or completeness of the information supplied by the Client.

Copyright and any other Intellectual Property arising from the report and the provision of the services in accordance with the Agreement belongs exclusively to Strategen unless otherwise agreed and may not be reproduced or disclosed to any person other than the Client without the express written authority of Strategen.

## HAPPY VALLEY TITANIUM MINERALS PROJECT

Bemax Resources Limited (Bemax) (the Proponent) seeks approval to implement its proposed Happy Valley Mineral Sands Mining Project (the Proposal). The Happy Valley Proposal involves developing, mining and rehabilitating two deposits of titanium mineral ore along the Whicher Scarp, in the Locality of Gwindinup within the Shire of Capel. The Proposal follows on from the existing Gwindinup Titanium Mineral Sands Project, which is situated along the base of the escarpment, down-slope of the Happy Valley deposits.

The Proposal was referred to the Environmental Protection Authority (EPA) under Part IV of the *Environmental Protection Act 1986* (EP Act). The EPA determined that the level of environmental impact assessment for the Happy Valley proposal will be Environmental Review and Management Program (ERMP).

The Proponent has prepared the ERMP in accordance with the EPA Guidelines. The full ERMP has been separated into the following components and made publically available through hard copy and electronic form ([www.bemax.com.au](http://www.bemax.com.au)):

- Executive Summary (Volume 1)
- Environmental Review (Volume 2)
- Management Program (Volume 3)

Key supporting documents are provided on CD-Rom attached to the back cover of Volume 1 and all documentation and supporting information is available at [www.bemax.com.au](http://www.bemax.com.au) and hard copies are available on request (fees may apply – refer to Appendix 1 of Volume 2).

### MANAGEMENT PROGRAM

This document comprises Volume 3 - Management Program of the ERMP and contains the (draft) environmental management plans as outlined in Volume 2 - Environmental Review. The plans set out in detail the proposed management objectives and measures that will be implemented by the Proponent to ensure the environmental acceptability of the Proposal. The plans will form part of the Proponent's ISO14001 certified Environmental Management System.

The management plans provided are:

- Environmental Management and Monitoring Plan
- Noise Management Plan
- Water Resource Management Plan
- Fauna Management Plan
- Preliminary Decommissioning and Closure Plan
- Integrated Mining and Rehabilitation Plan

It is expected that the plans will be revised to incorporate inputs from the ERMP process prior to finalisation, should the Proposal be deemed environmentally acceptable by the Western Australian Minister for the Environment and the Australian Government Minister for the Environment, Heritage and the Arts. Management of the Proposal will be subject to regular review and continuous improvement throughout implementation.