



Biodiversity Management

BLACK MOUNTAIN MINING COMPANY 2008

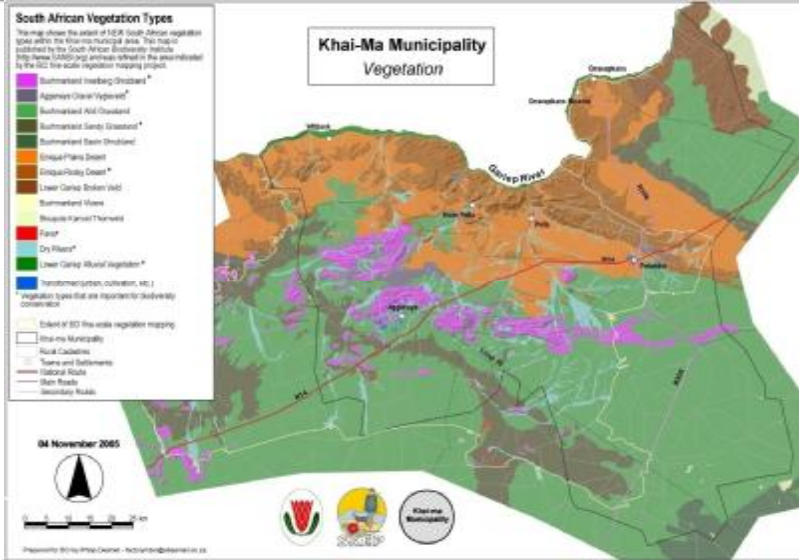


Overview

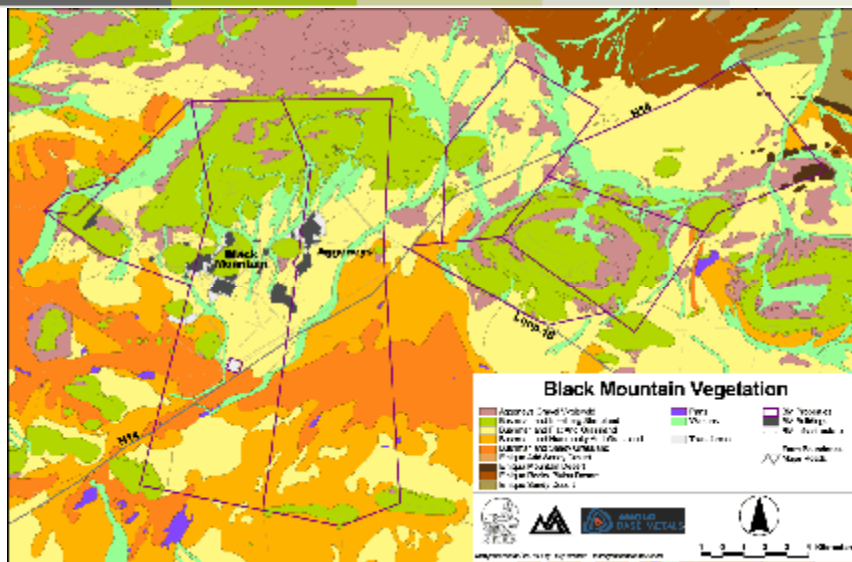
- Background
- Biodiversity Strategy
- Biodiversity Management



Background – The biodiversity



Background – The biodiversity

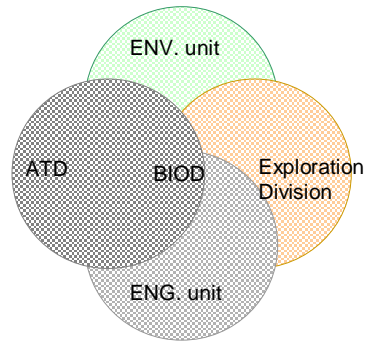


Biodiversity Strategy

- **TOP LEVEL COMMITMENT**
 - Corporate Biodiversity Policy

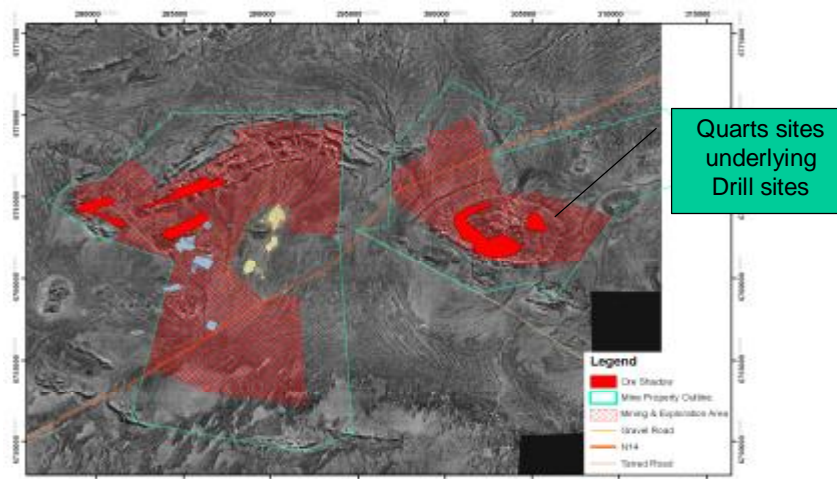
- **OPERATIONAL MANAGEMENT COMMITMENT**
 - Operational Environmental Policy

- **AIMS: To Manage Biodiversity as an Asset**
 - Partnerships
 - Implementing biodiversity action plans
 - Internal collaboration & structures

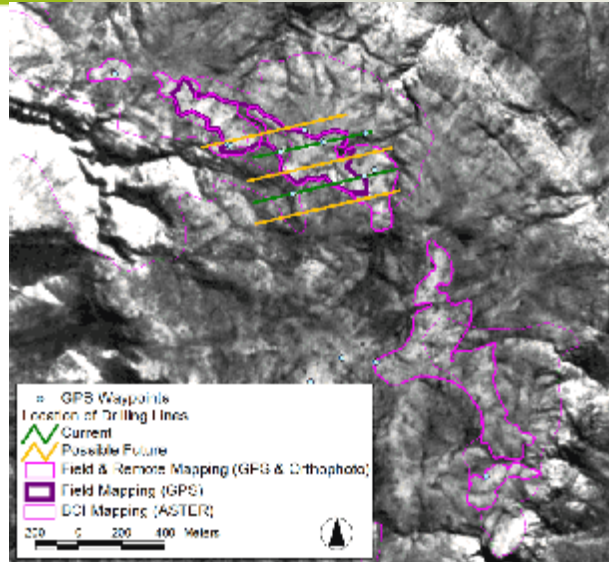


Biodiversity Management – Project Development phase

- **Determining the Exploration area that could impact on biodiversity**



- Detail studies to secure No-Go zones within sensitive habitats
- Overlay direct areas of conflict



- Site impact assessment
- Avoid permanent land clearance (stacking)
- Limit new road building
- Improve technology
- Position drill sites
- Reclaiming impacted areas
- Manage operational aspects



Biodiversity Management – feasibility phase

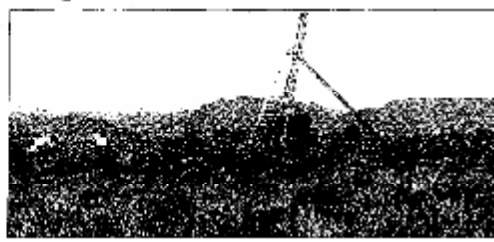
- Strengthening current partnerships
- Extending baseline work



Doreenkoms Dalk 'n eerste
Boesmanland kry bewaarprojek

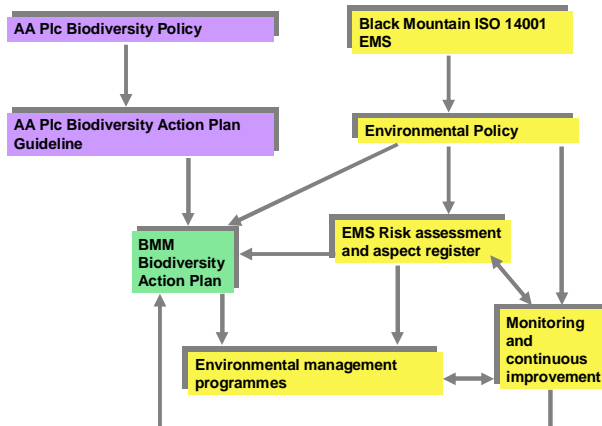
Myntreus en bewaringsgroep werk saam

Die Doreenkoms Dalk is 'n eerste Boesmanland wat 'n bewaringsprojek kry. Die projek is 'n saamwerkingsprojek tussen die Doreenkoms Dalk en die Myntreus en bewaringsgroep. Die projek is 'n saamwerkingsprojek tussen die Doreenkoms Dalk en die Myntreus en bewaringsgroep. Die projek is 'n saamwerkingsprojek tussen die Doreenkoms Dalk en die Myntreus en bewaringsgroep.



Biodiversity Management – operational phase

- Integrating Biodiversity Management into ISO14001

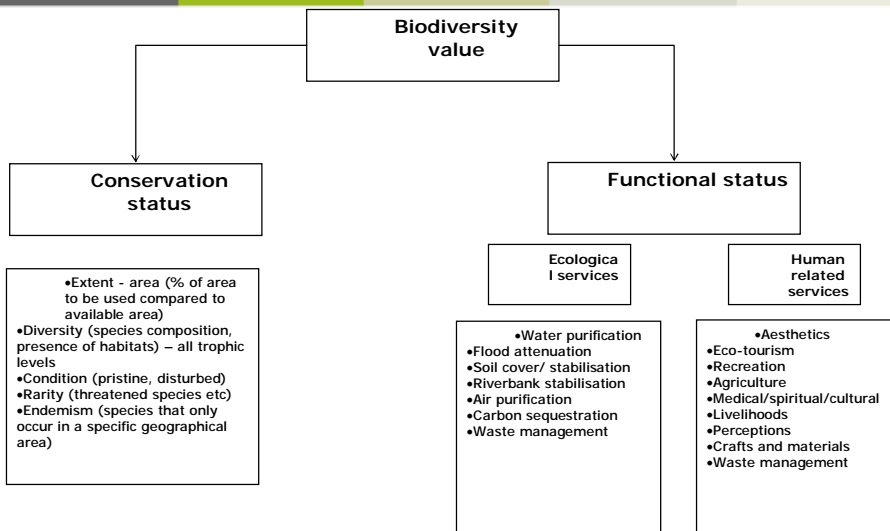


- Determine **Biodiversity Value**
(conservation status & functional status)
- Determine **Aspects** of significant risk to biodiversity
(activities, products, services)

- Overlay

BIODIVERSITY VALUE

----- = **MANAGEMENT**
RISK ASSESSMENT





Biodiversity Management – operational phase

- Determine all steps it takes to mine.
- Assess the steps that pose a risk to biodiversity
- Implement action plans to reduce the risk

Steps (What)	ASPECT INTERACTING WITH NATURE	POSSIBLE EVENT (Normal, Abnormal, Emergency)	IMPACT ON RECEIVING ENVIRONMENT	RISK RATING
Secure labour on site for mining	Domestic pets	Pets brought into unfenced yards. Unsterilized pets left to fend for themselves when residents leave.	Large vagrant cat populations interbreeding with African Wildcat/Black Footed Cat. Vagrant dogs hunting in veldt.	21

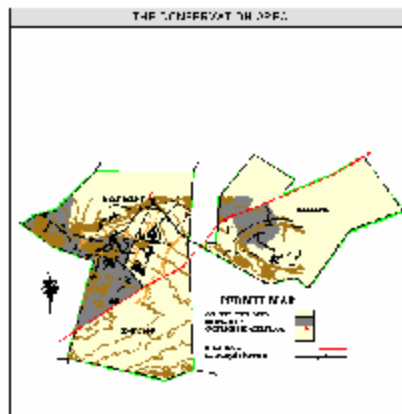


Biodiversity Management – operational phase

- Vagrant Species
- Change management
- Access Control
- Annual land assessment
- Quad bike recreation
- Boundary fences
- Game Management
- Data base system

Black Mountain Mine
 CONSERVATION AREA ACCESS PERMIT
 PERMIT HOLDER: Fourie HJ (204 9)
 ID: 40057502001
 Phone: 071 667 2354
 FORBIDDEN PERIOD: 18/05/08 – 18/05/09
 AREA: A1
 ACTIVITY: A1

Non compliance to minimum conditions shall result in immediate withdrawal of permit. Persons shall be required to leave the Conservation Area without delay and will be liable for any costs for damage incurred. Criminal charges may be laid where applicable. PERMIT NUMBER: 2008-0033 PERMITTED TO STUDY AND CONSERVE



Biodiversity secured in Closure Objectives
Biodiversity secured in Closure Land use

