JOB ADVERT

JOB TITLE  Strata Control Officer

MAIN JOB PURPOSE
• To assist the Consulting Rock Engineer wherever required, in all Rock Engineering aspects for Manungu Colliery’s Mining Operations in accordance with legislation and other standards.
• Observing, predicting and communicating ground risks encountered in the operation to the Consulting Rock Engineer and Mine Management in order to assist the team to mine safely and efficiently.

REPORTING MANAGER  Rock Engineer/Mine Manager

COMPANY  Mbuyelo Coal

DIVISION / DEPARTMENT  Mining Technical Services

LOCATION / SITE  Tshedza mining Resources/ Manungu Colliery

REMUNERATION  Negotiable (C3-C5)

MINIMUM REQUIREMENTS
• Chamber of Mines SCO Ticket.
• Tertiary Education in Mining/Geology related field (will be beneficial).
• Chamber of Mines Certification in Rock Mechanics (Coal): Theory & Practical (will be beneficial).
• 5 years’ experience in exploration and mining.
• Knowledge of regional ground geology / conditions.
• Knowledge of legal requirements pertinent to exploration and mining.
• Computer literacy (Rock Engineering Numerical modelling techniques will be beneficial).
• Presentation skills.
• Communication Skills.
• National Driving license.
• Valid medical certificate. (“Red ticket”).

TECHNICAL WORK RESPONSIBILITIES
1. **Mining Operations:**
   Conduct the following:
   1.1. Daily opencast visits to the mining areas at Manungu Colliery to investigate and report on geotechnical / strata conditions.
   1.2. Check compliance with regulations and operating standards.
   1.3. Check geotechnical / strata conditions to ensure that there are no changes which could lead to unsafe working conditions.
   1.4. Investigate specific issues at Rock Engineer’s request to assess impact / potential implications on mining operations, e.g. slope dimensions, changes to blasting methods, maximum extraction of reserves, alternative mining methods, high wall monitoring etc.
   1.5. Compile written reports with conclusions and recommendations based on observations and investigations into geological / geotechnical conditions.
   1.6. Attend weekly and monthly mine planning meetings to provide inputs to mitigate risks.
   1.7. Review proposed changes to mining plans to pre-empt risks.
   1.8. Conduct pre-emptive Risk Assessments for each new mining strip.
   1.9. Monitor stability of mining excavations to ensure a safe working environment and compile report to Management regarding the stability and recommendations.
2. **Codes of Practice:**
   Assist where required in the following:
   2.1. Ensure that codes of practice are communicated, included in training and applied.
   2.2. Ensure that duties and responsibilities per the codes are in place.
   2.3. Conduct quarterly audit of application of codes and recommend action to ensure / enhance compliance.

3. **Projects:**
   Assist where required in the following:
   3.1. Investigate and design mine layouts and high wall dimensions for new mines / new mining methods / projects.
   3.2. Arrange laboratory tests as necessary.
   3.3. Conducted geotechnical logging as necessary.
   3.4. Compile technical reports.
   3.5. Be involved in the design, construction, installation, and monitoring of mine access to reserves including slope angles, support, etc.

4. **Preparing weekly reports on adherence to mine design and standards for management (where required).**

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<tr>
<th>Context and environment</th>
<th>Challenging operating environment including:</th>
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<tr>
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<td>• Keeping abreast of changes in coal mining methods.</td>
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<td>• Infrastructure weaknesses e.g. electricity shortages, poor roads.</td>
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<td>• Shortages of skilled staff for operations, support and execution of projects.</td>
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<td>• Complex government regulatory and compliance framework.</td>
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<td>• Investigate current mining environment to ensure safe working conditions</td>
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<td>• Anticipate future mining conditions by examining geological information and predict changes required for mine design and support requirements.</td>
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**People:**
- Contractors, suppliers and consultants.

**CVs to be submitted to:**
E-mail: hr@mbuyelo.com
Fax: 0866657951

**Closing date:** 6 October 2015