



**ANNUAL REPORT OF THE COUNCIL  
FOR THE YEAR ENDED 31 DECEMBER 2005**

**COUNCIL 2005**

**President**

M P O'Hare  
Great Noligwa Gold Mine

**Vice-President**

N A Herrick  
Kloof Mine

**Immediate Past-President**

A Rudolph  
Rustenburg Platinum Mine

**Elected Members of Council**

F Agenbag  
Harmony Gold Mining Company Limited

G R Baldwin  
Messina Platinum Mine  
(Resigned June 2005)

S Bessit  
Impala Platinum Limited  
(Resigned May 2005)

Ms E Cilliers  
Harmony Gold Mining Company Limited

G Erasmus  
Driefontein Mine

M Farren  
Anglo Platinum Limited

M W Roebert  
Anglo Platinum Limited

C T Smith  
Harmony Gold Mining Company Limited

D J D Stander  
Impala Platinum Limited

C J Sutherland  
Beatrix Mine

V P Tobias  
Kloof Mine

H van Vuuren  
Lebowa Platinum

J L Viljoen  
Mponeng Mine

*Alternate Member to Council*

A Brown  
(Bema Gold South Africa)

Secretary

S J Orchardson  
Mines Professional Associations' Secretariat

**REPORT OF THE COUNCIL FOR THE YEAR ENDED**  
**31 DECEMBER 2005**

Presented to the members of the Association on the occasion of the One Hundred and Eleventh Annual General Meeting held at the Johannesburg Country Club, on Friday 10 March 2006 at 10:30.

**FINANCE**

The financial statements appended to this report reflect the income and expenditure of the Association's funds administered by the Secretariat.

Revenue for the year amounted to R..... made up of subscriptions received from members, interest earned on monies deposited with the Chamber of Mines' Cash Management Department and revenue on sales of Association insignia. Expenditure amounted to R..... With the transfer of the current year's net loss of R....., an amount of R..... has been carried forward to the new financial year (2006).

**SUBSCRIPTIONS**

In terms of the powers vested in it by the Constitution and Rules of the Association, the Council has decided to increase the subscriptions for the ensuing year to R695 for Ordinary members, R565 for Associate members (excluding VAT), Student Members R195 (excluding VAT) and R75 for Retired members subscriptions (excluding VAT).

**MEMBERSHIP**

The total membership of the Association as at 31 December 2005, was 688(741) made up of 200(236) Ordinary members, 290(283) Associate members, 17(17) Honorary Life members, 44(38) Honorary Associate members, 95(108) Retired members, and 42 (59) Students.

This reflects a decline in membership of 53. The above numbers excludes the 63 members whose addresses are unknown.

**SAFETY AND ACCIDENT PREVENTION**

**SAFETY AND HEALTH**

In keeping with the adopted policy that "SAFETY AND HEALTH MATTERS", should remain a high priority, this item continued to be taken as the first item of the agenda at Council, General and District meetings with resultant fruitful discussions and stimulating interchange of ideas on safety and Health.

In addition the final General Meeting of the year was dedicated to safety presentations.

**SAFETY**

Your council wishes to place on record its congratulations to the following mines, their respective managements and staff on their safety achievements.

**3 Million Fatality Free Shifts**

Beatrix North and South  
Lonmin (Karee Mine)  
Impala Platinum

**2.5 Million Fatality Free Shifts**

Bafokeng Rasimone North

**2 Million Fatality Free Shifts**

Impala Platinum No 1 Shaft  
Impala Platinum No 1  
Impala Platinum No 7 Shaft  
Lonmin Platinum, Karee Mine

**1.5 Million Fatality Free Shifts**

Eastern Platinum  
Kopanang Mine (Engineering  
Section)  
Newrak Mining

**1 Million Fatality Free Shifts**

Beatrix Gold Mine  
Beatrix South  
BRPM (JIC) South Shaft  
BRPM (South Business Area)  
Crocodile River Mine  
DRD North West Operations  
Eastern Chrome – Tweefontein  
Impala Platinum No 1 Shaft  
Impala Platinum No 9 Shaft  
Impala Platinum No 14 Shaft  
JIC (RPM Townlands Shaft)  
Joel Mine  
Lebowa Platinum Mine  
Lebowa Platinum Mine (Middelpunt  
Section)  
Mponeng Mine  
Murray and Roberts Cementation  
RAK Mining

RPM – Amandelbult Section  
RPM – Amandelbult West  
RPM – Lower Mine  
RPM – Rustenburg Section  
RPM Townlands Shaft  
RPM – Turffontein  
RPM - Union Section  
RPM – Upper Mine  
President Steyn Mine  
South Deep

**3 000 Fatality Free Production Shifts**

Joel Mine

**1 000 Fatality Free Production Shifts**

Star Diamond Mine

**750 000 Fatality Free Shifts**

Harmony No 2 Shaft, Orkney  
Tau Tona Mine

**500 000 Million Fatality Free Shifts**

Bema Gold Mine  
Driefontein Consolidated No 1 Shaft  
Elandsrand Mine  
Great Nologwa  
Grootvlei Gold Mine 6 Shaft  
Grootvlei Gold Mine 8 Shaft  
JIC Mining  
Kopanang Mine  
Kloof Main Shaft  
Kloof Mine No 4 Shaft  
Kloof Mine No 7 Shaft  
Kloof Mine  
Kopanang Mine  
Mponeng Mine  
Northam Platinum

***STRATEGIC INITIATIVES***

The Council revised the strategic initiatives which commenced in 2001 to specifically cover the Mining Industry 2013 targets and milestones and funding.

- 2013 Targets and Milestones
- Editorial

- Certificate of Competency
- Funding

The objective is to improve the operational effectiveness of the Association.

Certificate of Competency Sub Committee has co-ordinated interaction between the various stakeholders to address the decline in student members and the poor pass rate.

Editorial Sub Committee successfully maintained the website for our Association viz. [www.ammsa.org.za](http://www.ammsa.org.za) as well as ensured that technical notes and papers presented at our General Meetings were edited and placed on the website.

Funding remained critical to the Associations and various initiatives during the year have had a significant impact on the funds available to the Association.

### **MEETINGS**

In addition to the monthly Council meetings, regular, lively and informative District meetings were held in the Eastern, Central, Free State and Western Districts and feedback from these meetings, through the District representatives, once again rendered invaluable assistance and guidance to the workings of Council.

During the year under review General Meetings were hosted by Beatrix Mine, Lebowa Platinum Mine and RPM Lower Mine during the months of May, August and October 2005, respectively.

Despite difficulties experienced in the industry, the attendances achieved at the General meetings were satisfactory. The high calibre of the content of the technical papers and the excellence in presentation continued to meet the Association's high standards and augurs well for the future. These technical papers have been placed on the Association's website.

Your Council wishes to record its grateful thanks to the convenors of the General Meetings, and record a special thanks to the staff of the mines concerned and the Management and staff of the respective Recreation Clubs, without whose efforts and co-operation the meetings would have been less successful.

### **Representation on the Sentinel Mining Industry Retirement Fund**

During the year your Association represented the Mines Professional Associations together with the South African Colliery Managers' Association on the Board of Trustees. Regular feedback sessions are given to Council and reports were made to members at General Meetings on the funds performance.

### **Mining Qualifications Authority and ECSA**

A Steering Committee, comprising your Association, Resident Engineers, Colliery Managers and Colliery Engineers established in 2004, continued to function during 2005. This committee, which is represented on the various working groups continued to

meaningfully influence the outcome of these, as they will have an important impact on the future of the mining industry.

Your Association continues to have a very active role in the MQA and ECSA. During the year the following progress was made:

The Association remained very active in the numerous forums engaging with the Chamber of Mines, DME, Professional Associations, MQA and ECSA. The progress made with the Outcome Based Education and Training qualification for Certificated Engineer was slow, due to certain delays experienced in the process. Good progress was made in concluding the Profile and Level of this qualification and engagement with the broader stakeholders has begun. It is envisaged that the new Certificated Engineer qualification will be registered with SAQA by the end of 2006. The Association remains committed to this process in providing the necessary participation, leadership and resources. The Council wishes to express its sincere gratitude to all those members that have contributed to this historic process and encourage them to continue with their role in order to achieve the required outcome for the Association.

During the year the Association completed the necessary forms for recognition as a Voluntary Association.

There are certain criteria that the Association must meet to retain its recognition as a Voluntary Association status and Council will continue with the registration drive amongst its members to ensure that by June 2006, 50% of Council members are registered and a minimum of 30% of voting members are registered with ECSA.

Your Association continues to encourage members to register with ECSA and in this way it will be in a position to influence ECSA'S decision making process. To this end a CD has been prepared and circulated to assist members in progressing their applications for ECSA registration.

### **Occupational Health and Safety Policy Committee**

Your Association is represented on the Occupational, Health and Safety Policy Committee of the Chamber of Mines.

This body is the main employer caucus for the Mining Regulations Advisory Committee and various issues related to occupational health are tabled for comment, before mandates are passed on to Mining Regulations Advisory Committee members.

The main focus area of the committee has been:

1. Review the SIMRAC levy system:
2. Drafting of Regulations:  
A number of new regulations have been drafted, promulgated and old regulations repealed.  
The main topic of discussion has been on the necessity of statutory appointments versus appointments based on risk assessments. (Statutory regulatory mechanisms versus outcome based regulations).

At a Mining industry Summit on 15 June 2005, the Industry committed itself to various safety and health targets and milestones. Your President chaired one of the working sessions and the targets and milestones were shared with members at the General Meeting in May 2005.

An Industry Sustainable Development Conference was held in November 2005 and your Council took an active role in progressing this initiative.

**MEETINGS OF ASSOCIATION PRESIDENTS AND VICE-PRESIDENTS**

As has become practice over recent years, meetings of the Association Presidents and Vice-Presidents was held during June and November 2005.

These meetings served the purpose of creating an *esprit de corps* amongst the Associations and has provided an excellent forum where matters of concern and mutual interest to the eleven Professional Associations may be discussed at an Inter-Association level as well as

with representatives of the Chamber of Mines, represented by the President of the Chamber of Mines and senior Chamber officials.

### **ANNUAL PRESIDENTIAL TECHNICAL VISIT**

The 2005 Annual President's visit was undertaken to the Northern and Western Cape on 20 to 23 October 2005.

Technical visits were undertaken to Sishen Iron Ore Mine, Saldanha Bay Iron Ore Terminal and Chapman's Peak Drive.

Your Association wishes to place on record its grateful thanks to the members of the Association who assisted in putting the visit together and to the management and staff of the hosts for all their efforts and hospitality.

### **ASSOCIATION OF MINE MANAGERS' PRIZES**

#### **Association Gold Medal Award: 2004**

The Association's gold medal for 2004 was presented to Mr P H Ferreira for his Technical Paper "*Large Diameter Vertical Raise Drilling and Shaft Boring Techniques as an Alternative to Conventional Vertical Shaft Sinking Techniques*".

#### **Best Second Year Students: Mining Engineering**

The Association's prizes for the best second year students in Mining Engineering for 2004 were awarded to Mr A M Nhasengo University of the Witwatersrand, Ms J Krzyzanowska of the University of Pretoria and Ms V A McClune of the Witwatersrand Technikon at the Annual General Meeting on 11 March 2005.

#### **Mine Ventilation Society**

The Association's prize for the best paper presented before the Mine Ventilation Society during 2005, was awarded to Messrs S Bluhm, F van Glehn and H Smit for their paper entitled "*Important Basics of Mine Ventilation and Cooling Planning*".

### **TECHNICAL PAPERS AND DISCUSSIONS**

The following papers were presented for discussion at the General Meetings during the year:

*Hardrock Tunneling Methodology, a process approach – Koponang's 53BWEDOM Project* J Booyesen

*Conversion from Bord and Pillar T Cut to Dip Pillar Mechanised Mining* L du Preez

<i>Mining in Africa – a personal perspective</i>	G Taylor
<i>10 Steps to the Implementation of Effective Mineral Resource Management</i>	A MacFarlane
<i>Sinking Contractors Close Out Presentation on Completion of South Deep Shafts</i>	A B Douglas
<i>Pre-Conditioning as a Means of Safe Mining at Mponeng Mine</i>	J L Viljoen
<i>Development and Implementation of Self Directed Work Teams at Kopanang Mine</i>	F J Fourie
<i>Dust and Noise</i>	Dr D Barnes
<i>Fall of Ground Management</i>	S Newberry
<i>Back to Basics in New York</i>	J de Beer

### **COUNCIL AND OUTSIDE COMMITTEES**

The Standing Committee of the Association was re-constituted as follows:

#### **Committees of Council and Outside Committees**

The Association has continued to be represented on numerous Chamber of Mines and other Committees/Working Groups with distinction and has during the year also maintained its representation on the Education Advisory Committee (EAC), the Registrations Committee of the Engineering Council of South Africa and has, in addition, continued to play a significant role on the Commission of Examiners for the Mine Managers' Certificate of Competency.

	<i>Representative</i>	<i>Alternate</i>
<b><u>STANDING COMMITTEE</u></b>		
<b>President</b>	M P O'Hare	
<b>Vice-President</b>	N A Herrick	
<b>Central District</b>	M W Roebert	M S Farren
<b>Eastern District</b>	H van Vuuren	
<b>Free State District</b>	C J Sutherland	C T Smith
<b>Western District</b>	J L Viljoen	F Agenbag
<b>Honorary Treasurer (Funding)</b>	President	E Cilliers
<b><u>AMM INITIATIVES</u></b>		

<b>2013 Targets and Milestones including Sustainable Development</b>	M W Roebert P V Tobias	
<b>Certificate of Competency</b> <i>Mine Managers Certificate</i>	M P O'Hare	J L Viljoen
<b>Editorial Committee</b> <i>Technical Communication</i>	M S Farren	A Rudolph
<b><u>OUTSIDE COMMITTEES</u></b>		
<b>Retirement Fund (SMIRF)</b>	D Smith (MPAS)	A C Naude
<b><u>MINES RESCUE SERVICES</u></b> <i>(including Gas Monitoring and Analysis and SCSR)</i>	J L Viljoen G J Erasmus	F Agenbag
<b><u>EXAMINATIONS SUB-COMMITTEE</u></b>		
<b>Training Officers</b> <b>Rock Mechanics</b> <b>Environmental Cont.</b>	L de Klerk P M Coetzer P Hunter	TBA (Co-Ordinator)
<b><u>COMMISSION OF EXAMINERS</u></b> <b>Management</b> <b>Mining</b> <b>Mining Technical Services Geology</b>	J L Viljoen A Rudolph A S MacFarlane	(SACMA) D Stander L Zindi D Fraser
<b><u>TECHNIKON MODERATORS</u></b> <b>Management</b> <b>Mining</b> <b>Mining Technical Services</b>	J L Viljoen J L Viljoen A S MacFarlane	
<b><u>OH&amp;SPC &amp; MRAC</u></b>	C J Sutherland	V P Tobias
<b><u>MPA Steering Committee</u></b>	N A Herrick	

<u>ECSA</u>	D J D Stander	P R S van Dorssen
<u>MISCELLANEOUS COMMITTEES</u>		
<b>SIMRAC SAIMM (Observer)</b>	C T Smith C T Smith	C P de Villiers

### ***WEBSITE***

The Association's website is regularly updated with papers and presentations made at meetings. In addition the CD on registration with ECSA was also placed there. The website provides access to upcoming events not only for the Association, but stakeholders.

### ***ANNUAL BANQUET***

The Association held its second Banquet at Caesars, Gauteng on 18 June 2005. 500 members, guests and their partners attended the black tie dinner. The event was organised by Mr F Pascoe and sponsorships were received from various mines and consultants. The Council wishes to place on record its thanks to all members, sponsors and Mr Pascoe for making the event such a success.

### ***ANNUAL GOLF DAY: PRESIDENT'S CUP***

The Association held its first Golf Day on 24 November 2005. The event was held at the Randfontein Estates Golf Club and was a great success. The Council wishes to thank Mr F Pascoe for arranging the event and the various sponsors for the day.

### ***CONCLUSION***

Finally, the Council wishes to express its appreciation to all members of the Association of Mines Managers of South Africa for their support and attendance at various meetings.

I would also to extend my gratitude to fellow Council members and to Association Members for all their support during my terms of office as President of the Association.

Your Council wishes to record its sincere appreciation of the services rendered to the Association by the Secretary and his staff during the year as well as the support given by the Chamber of Mines and the Mining Groups.

**M P O'HARE  
PRESIDENT**

AREP2005/AMM/GJW