

AGENDA

- 1. Convening of Meeting
- 2. Obituaries and Minute of Silence
- 3. Apologies
- 4. Minutes of Previous AGM
 - Consideration and approval of the minutes
 - Matters arising not covered elsewhere in the agenda
- 5. Chairman's Statement Andrew du Toit
- 6. Treasurer's report Collins Mwatahwa
- 7. Feedback from Questionnaire Gayle Hanssen
- 8. Any Other Business
- 9. Announcement of the next committee 2015 2016 Ali Ait Kaci
- 10. Dinner at 1900hrs
- 11. Talk by Dr Richard Owen
- 12. Awards and Presentations
 - Phaup Award
 - Vinyu Award
 - Viewing Award

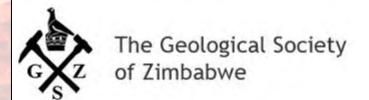
2014 Committee

Aller	adrew du Toit	Ali Ait Kaci	Collins	Julie Kun"	Kuon	Charrie Musiwa	Gay Castelin	Cayle Hanssen	Maideyi Meck	Ernest	Forbes	Paniel Chatora	naul Matthews	Nous- Narova	Bekithemba
	Chairman	Vice Chair	Treasurer	Admin		Hon. Sec			· Maria				Bulawayo		
02-05-2014	1	L	1	1	1	1	0	1	0	1	0	1	0	0	0
06-06-2014	1	L	1	1	1	1	1	0	1	1	1	1	0	1	1
04-07-2014	()	1	1	1	1	1	1	absent	absent	absent	0	0	1	0
01-08-2014	1	L	1	1	1	1	1	0	1	absent	1	1	0	0	1
12-09-2014	1	L	1	0	1	1	1	0	1	1	1	1	0	0	0
03-10-2014	1		0	1	1	0	1	0	0	absent	absent	0	0	absent	absent
07-11-2014	1	L	1	0	1	1	1	1	0	1	1	1	0	absent	absent
16-01-2015	1	L	1	1	1	1	1	1	1	1	1	0	0	absent	absent
06-02-2015	1		0	0	1	1	1	1	absent	1	0	0	0	absent	absent
% Attendance	89%	78	% 🔵 (57%	100%	89%	89%	56%	44%	67%	6%	56%	0 %	22%	22%

2014 Initiatives

- Website
- Published Membership Register
- Atlas project collaboration
- Questionnaire

www.geologicalsociety.org.zw



Join the Society find out how to get involved

Home

Atlas

Membership

News

Events

Publications

Constitution

Committee

History

Contact

Q

THE CENTENNIAL FIELD EXCURSION...

The Centennial Field Excursion to the Belingwe Greenstone Belt and the Great Dyke...

Read More



Upcoming Events

Summer Symposium Fri, 28/11/2014



Geological Society









ATLAS PROJECT

The society is developing an atlas of interesting outcrops in Zimbabwe. There is a large body of knowledge out there and we would like to document this information.

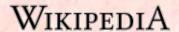
sad me

Atlas Project

- Data Resource for field guides, trips, outcrops of interest etc
- Collaboration
- Registered Users
- Moderated

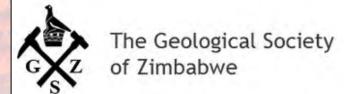
Please contribute

www.geologicalsociety.org.zw/atlas

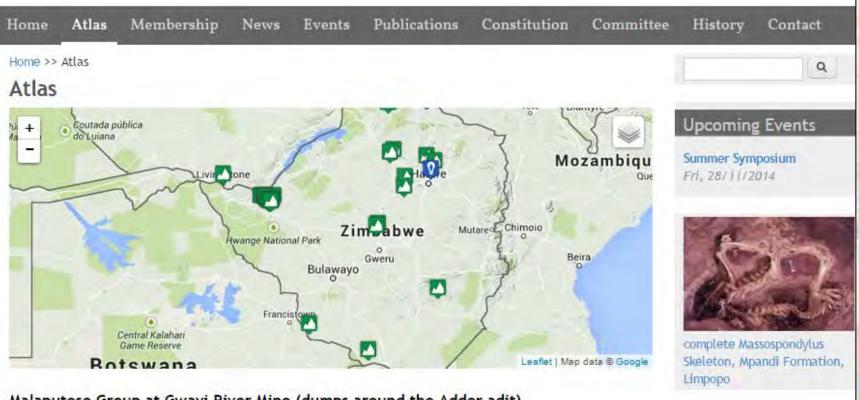




Atlas



Want to Contribute to the Atlas? Click here to find out how.



Malaputese Group at Gwayi River Mine (dumps around the Adder adit).

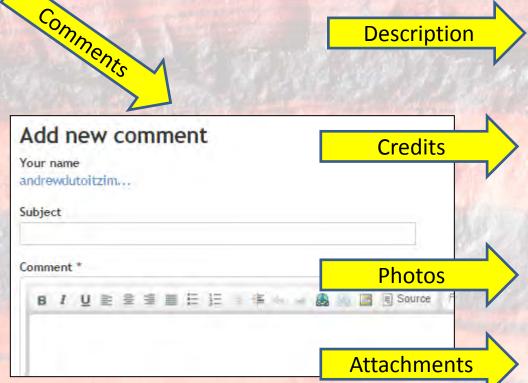
The Gwayi River Mine (formerly Gwaai River Mine) was operated by Messina (Transvaal) Development Corporation from 1970 until 1975, when the mine was closed for economic reasons. The mines have been dormant ever since, but since 2010, a Chinese company, Sino-Mining, has been doing exploration in the area.

Submitted by Andrew du Toit on Wed, 15/10/2014 - 13:30 | Last updated: Wed, 29/10/2014 - 10:57

Map Location



Location Details



Orpheus Mine

Submitted by Andrew du Toit on Wed, 29/10/2014 - 10:31 | Last updated: Wed, 29/10/2014 - 11:03



Grid Ref (WGS84 Lat/Long in decimal degrees)

-19.095229, 29.761155

Location:

On Penwarden Farm approximately 8 kilometres by dirt road due south of Ziscosteel.

ratigraphy:

Redcliff Jaspilite Formation Upper Bulawayan Group

Description:

Orpheus Mine lies in the Iron-formation of the western limb of the Redcliff Jaspilite Formation. The ore is a hard, dense, grey haematite enclosed by, and derived from, a finely banded grey and red Iron-formation. It is believed that the ore is of hypogene origin although supergene processes have not been ruled out. The ore has formed by the leaching of silica-rich bands and possible infilling of iron. Faulting of the Iron-formation and associated clastic sediments has taken place and separates the orebody from the nearby Beacon Tor deposit. The faulting could have played a role in the ore genesis.

Permission:

Permission required from BIMCO

urther Reading

P.E. Cheshire, A. Leach and S.A. Milner Zimbabwe Geological Survey Bulletin No. 86 The Geology of the Country between Gwelo and Redcliff. Salisbury 1980

Author Credit:

Charles Castelin

Contributed:

29/10/2014

Updated:

29/10/2014



Photo Credit: Andrew du Toit

Photo Description:

Tony Martin and Charles Castelin discussing the genesis of Orpheus - October 2014

Attachments

Tour of Redcliff Iron Ore Deposits 2014-10-26-compressed.pdf

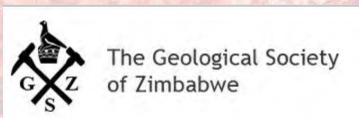
Download list

Download all locations to CSV for export to GIS, GPS etc.



4	A	В	C
1	Location Name		Longitude
2	Structural features of Shamvaian Metasediments, Glendale	-17.481	30.98558
3	Structural features of Shamvaian Metasediments, Glendale	-17.4803	30.98439
4	Ngulube Kimberlite, Mphoengs	-21.4808	28.0105
5	Chewore Dinosaur Footprints	-16.1957	30.0139
6	Sentinel Ranch Dinosaur Fossils	-22.0843	29.51478
7	Cyclic Unit 1 and Lower Mafic Succession, Darwendale Subchamber	-17.9796	30.4351
8	Contact - Great Dyke to Granite	-18.199	30.39998
9	Malaputese Group at Gwayi River Mine (dumps around the Adder adit).	-18.4456	27.11028
10	Palaeoproterozoic (ca. 2.03 Ga) granitoid intrusive into the Malaputese Group	-18.5317	27.07444
11	Palaeoproterozoic (ca 2.07 Ga) granitoid , with complex (inherited) 3.4 and 2.7 Ga zircons	-18.565	27.055
12	Pink paragneiss (meta-arkose) of the Malaputese Group	-18.5117	26.95952
13	Tourmalinised amphibolite schists of the Malaputese Group	-18.5552	27.00325
14	Archaean (2.71 Ga) migmatitic granitoid gneisses	-18.4667	26.90722
15	Isoclinally infolded remnant of amphibolite schists, intruded by unmetamorphosed Kamativi Dyke Swarm dolerite dyke	-18.4527	26.88464
16	Palaeoproterozoic ca. 2.03 Ga biotite granodiorite	-18.4331	26.84833
17	Inyantue Formation paragneisses, and Pb claims near Elbas Mine	-18.4424	26.78161
18	Stromatolitic Dolomites	-17.3331	30.147
19	Deweras Aeolianites	-17.389	30.04888
20	Ripple Creek Iron Ore Deposit	-19.1494	29.69799
21	Orpheus Mine	-19.0952	29.76116
22	Victoria Falls	-17.9233	25.84718
23	Fumure Circular Feature	-20.6282	31.26503
24	Domboshawa	-17.6116	31.17363

Register and Contribute



Register

Join the Society

Home Atlas

Membership

News

Events

Publications



The Geological Society of Zimbabwe

FIELD TRIP TO THE MIDLANDS GRE...

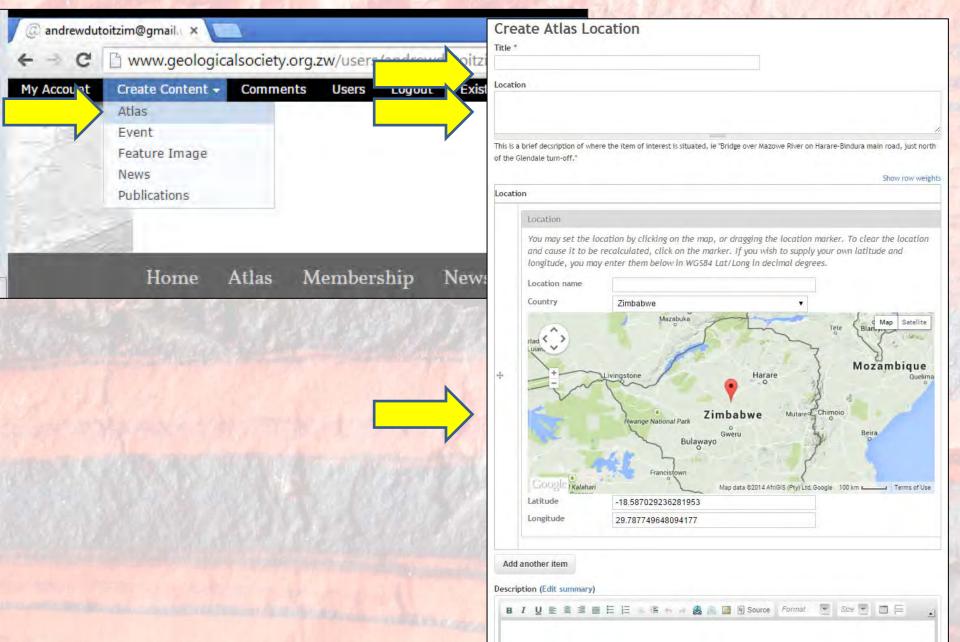
A Report on the GSZ field trip to the Midlands Greenstone Belt - Led by Dr...

Read More

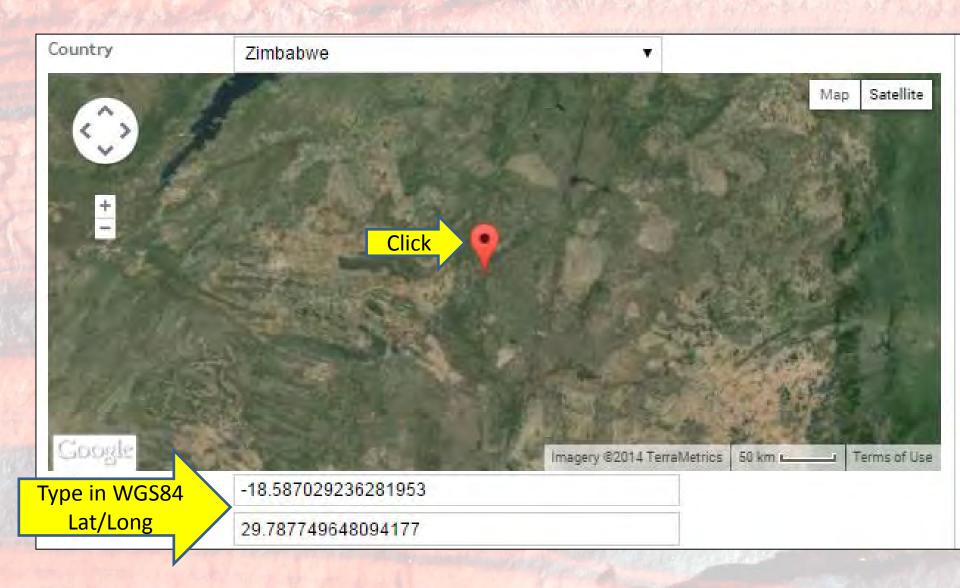


Home	Atlas	Membership	News	Events	Publications	Constitution	Committ
Home >>	User accou	unt >> Home					
Home	e						
Create	new accou	int Log in R	equest nev	v password			
First Nan	ne *						
Last Nam	e *						
Job Title							
Employer	r						
Username	e *						
Spaces are	allowed; pu	nctuation is not allowed	except for p	eriods, hyphens	, apostrophes, and und	erscores.	
E-mail ad	dress *						
		All e-mails from the syst new password or wish to				is not made public and v	will only be used
	e-mail addre						
Commin	e-mail addit	-33					
Please re-	type your e-n	nail address to confirm it	t is accurate.				
Creat	e new acco	unt					

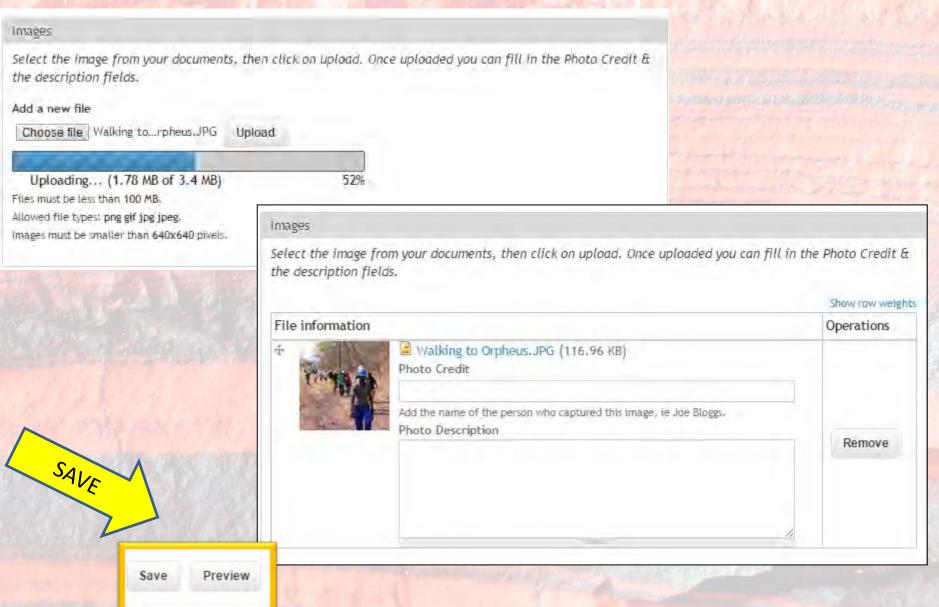
Add Atlas Location



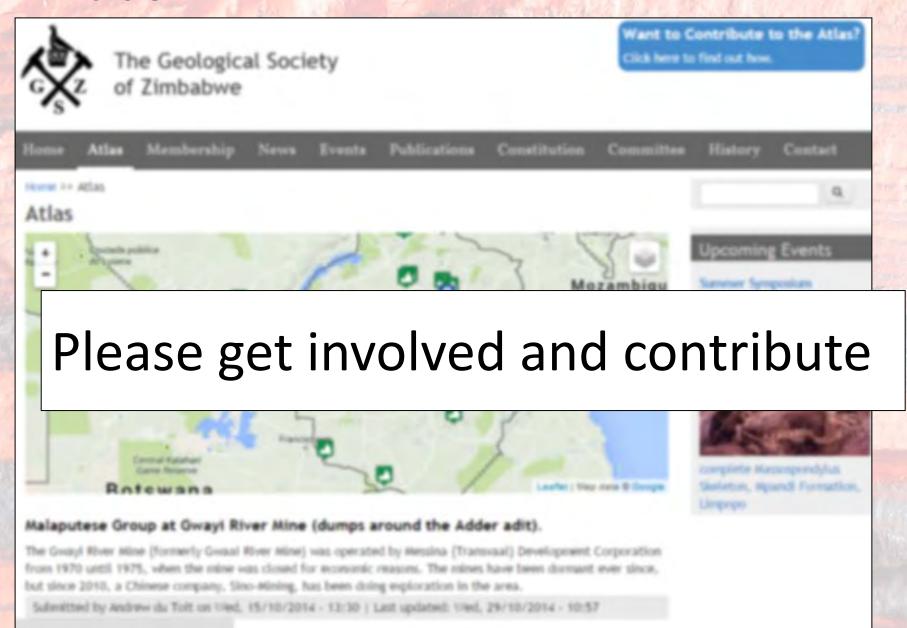
Specify Position



Add Photos and Documents



Atlas



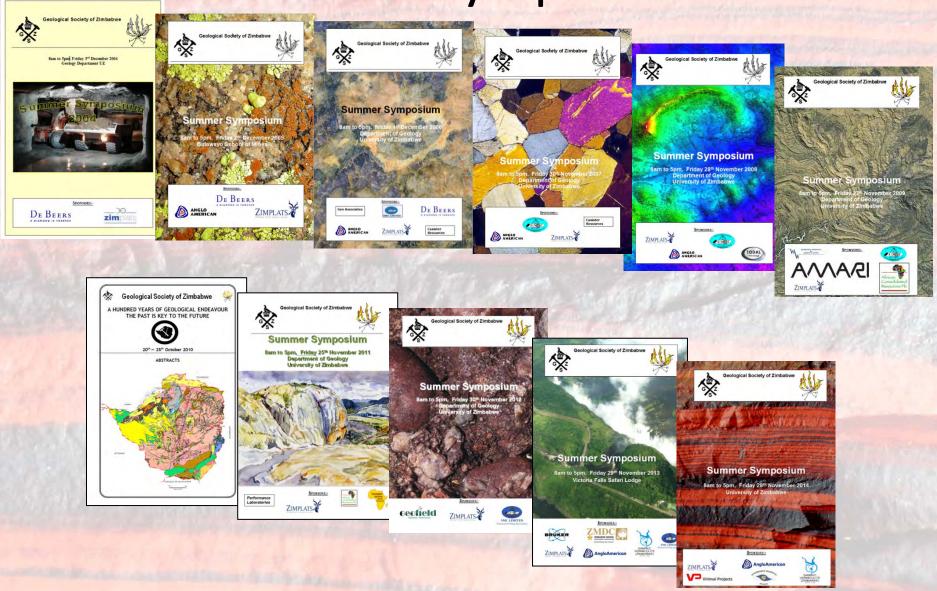
Events

Date	Event	Title	Speaker- Leader
27 th June 2014	Talk	How Makgadikgadi Palaeo-lakes made the Victoria Falls	Andy Moore
19 th September 2014	Talk	Magmatic PGE-Cr-V-Ni-Cu ore deposits: global distribution and petrogenesis	Wolfgang Maier
26 th September 2014	Talk	Pre-colonial Gold Mining in Zimbabwe: A mining archaeological view	Martin Straßburger
26 th October 2014	Trip	Redcliff Iron Ore Deposits	Charles Castelin
27 th October 2014	A L du Toit Memorial Lecture	Origins and paleoenvironmental significance of Precambrian sedimentary iron and manganese deposits with special reference to the history of free oxygen in the ocean and atmosphere	Prof. Nick Beukes
28 th November 2014	Summer Symposium		

Redcliff & Alex du Toit Memorial Lecture



Summer Symposium



Summer Symposium 2014

Theme: - Mineral Resource Potential of Zimbabwe

Official Opening:- Deputy Minister of Mines and Mining Development, the Hon. Fred Moyo MP

Overview of Zimbabwe's Mineral Resource Potential - Tip of the Iceberg?	Forbes Mugumbate
Policy Development and its effects on mineral resource rich countries: from potential to actualization	Ben Mapane (Keynote Speaker)
Sustainable Geology: Enhancing geosciences education practical foci and independent development of geological skills from elementary to tertiary levels	Tendai Njila
Hydrocarbon Potential in Zimbabwe	Brent Barber
A snapshot of PGE resources of the Great Dyke	Collins Mwatawa
Comparison between Sulphide ores and Oxide ores on the Wedza Complex of the Great Dyke of Zimbabwe	Freddy Chikwiri
The Waterberg Platinum Discovery	Gordon Chunnett
Determination Of Optimal Combination Of Recovery Rate (Rom) And Level (Cut-Off Grade) Based On The Polygon Method Of Reserve Estimation	Lyman Mlambo
Merits of multi-spacing Gradient Induced Polarisation (GIP) and its applications	Tenyears Gumede
Exploitation of gangue minerals and their contribution towards a country's economic development	Kennedy Magomo
The History of Mica Mining in Zimbabwe	Tim Broderick
The Geomorphology of southwest Uganda	Andy Pahwaringira
SRK's perspective on new mining business for the past 5 Years	Arimon Ngilazi
A Discussion On Quality Assurance-Quality Control (QAQC) In Mineral Exploration	n Jones Bishi
The state of the s	

Newsletter



• Thanks to the dedication of Tim Broderick

Debates

- Protection and Preservation of Sites
- Ethics Code of Conduct

Ethics - Examples

- Listing Membership on CV when not in good standing
- Not working notice or no signing an employment contract and then going elsewhere
- Working as a consultant for A on a project owned by B. Then trying to sell data owned by A to B

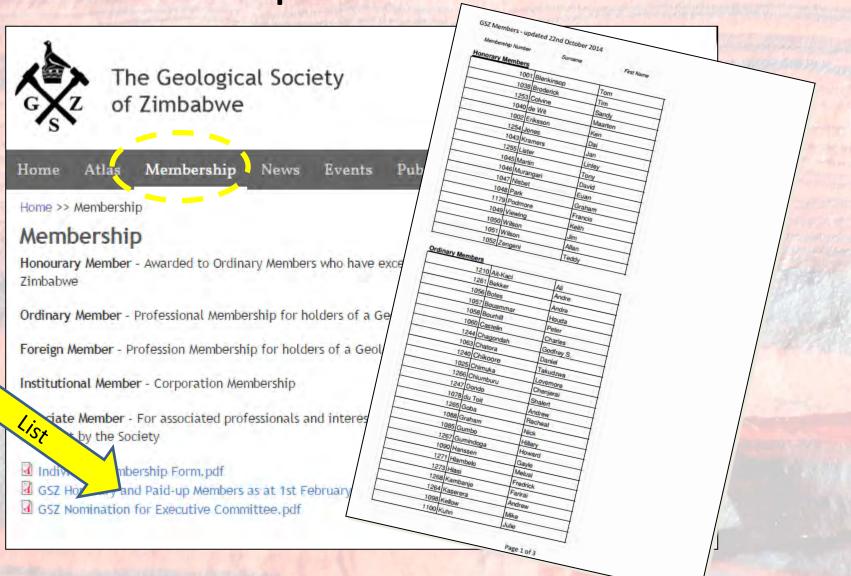
Typical Code of Ethics

- Community welfare, health and safety top priority
- Uphold and enhance the honour, integrity and dignity of the profession.
- Perform work only in their areas of competence.
- Build their professional reputation on merit.
- Not compete unfairly.
- Apply skill and knowledge in the interests of their employer or client
- Give evidence, express opinions or make statements in an objective and truthful manner and on the basis of adequate knowledge.
- Continue their professional development throughout their careers
- Comply with all laws and government regulations and with the rules, regulations of relevant stock exchanges

What do we want to do?

- Do we want to become the watch dog?
- What if we don't?
- Do we have the capacity?

Membership



Tax exempt Status

- Application for Tax Exempt Status with ZIMRA
- Donations from companies with not attract 10% withholding tax.
- ZIMRA require changes to constituion

Constitution

- Include ZIMRA clauses
- Ratify Associate Members

Amendments 8.1

Alterations in, or additions to the Constitution, shall be made only if **seventy five** per cent or more votes cast by Corporate Members are in favour of such amendments.

Procedure 8.2

Written notice of proposed amendments to the Constitution, signed by ten Corporate Members of the Society, must be submitted to the Secretary who shall circulate the proposed amendments to all Corporate Members, together with a **suitable ballot form**, within ten days of receipt of such submission. The ballot form, duly completed, shall be returned to the Secretary in a clearly marked, sealed envelope so as to reach him/her not later than thirty days after the posting of the ballot form. The date of posting shall be marked by the Secretary on the ballot form. On their return the ballot forms shall be scrutinised by the Committee at their next Meeting in the presence of two of the Signatories to the proposed amendments. Members of the Society shall be informed of the results of this ballot as soon as possible.

ZIMRA

E. By the addition of the following clause after Clause 8.2:

"8.3 No alteration or amendment to the Constitution shall be of any force or affect until the Commissioner General of the Zimbabwe Revenue Authority has been advised and has given his approval for purposes of the tax exemption status of the Society."

F. In Clause 9.2, by the deletion of the first word "In" and the substitution of the words, "Subject to Clause 9.3 in"

G. By the addition of the following new clause after Clause 9.2:

"9.3 In the event of the winding up of the Society, no distribution of the remaining assets may be made without the prior approval of the Commissioner General of the Zimbabwe Revenue Authority."

8 AMENDMENTS TO THE CONSTITUTION

8.3 No alteration or amendment to the Constitution shall be of any force or affect until the Commissioner General of the Zimbabwe Revenue Authority has been advised and has given his approval for purposes of the tax exemption status of the Society.

9 WINDING UP

Transfer of assets 9.2

- 9.2 Subject to clause 9.3, in the event of the winding up of the Society, all assets of the Society shall be paid over to and administered as a Scholarship Fund by the Council of the University of Zimbabwe.
- 9.3 In the event of the winding up of the Society, no distribution of the remaining assets may be made without the prior approval of the Commissioner General of the Zimbabwe Revenue Authority.

Associate Membership

PROPOSED:

THAT the Constitution of the Society be amended as follows:

A. By the deletion of Clause 4.1 and the substitution of the following clause:

Membership 4.1

"The Society shall consist of Ordinary Members, Honorary Members, Institutional Members,
Student Members and Associate Members."

B. In Clause 4.2, by the deletion of "Members" and the substitution of "Ordinary Members".

C. In Clause 4.3, by the deletion of the word, "Members" where is occurs for the second time, and the substitution of "Ordinary Members".

D. By the addition of the following clause after Clause 4.8:

"Associate Members 4.8A

"An Associate Member shall be a person who expresses an interest in geology but is not eligible to be an Ordinary Member or a Student Member."

4 MEMBERSHIP

Membership 4.1

The Society shall consist of Ordinary Members, Honorary Members, Institutional Members, Student Members and Associate Members.

Members 4.2

Ordinary Members shall normally have a degree in an appropriate earth science discipline from a recognised university or technical college.

Corporate Membership 4.3

Honorary Members and Ordinary Members shall constitute the corporate membership of the Society. The right of voting shall be limited to Corporate Members.

Associate Members 4.8A

An Associate Member shall be a person who expresses an interest in geology but is not eligible to be an Ordinary Member or a Student Member.

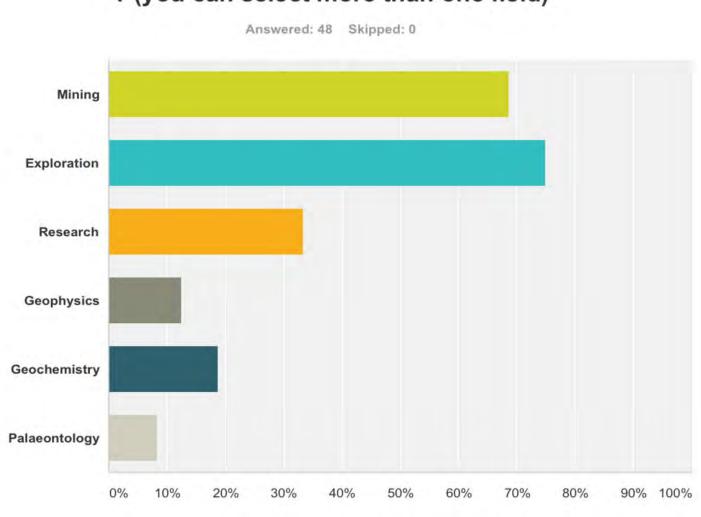
Survey Summary

- November 2014
- 10 Questions
- 48 Respondents

Seol Soc Zimbabwe - what the members want	
Membership Survey 2014	
This is a survey to improve the running of the Geological Society of Zimbabwe by asking 10 easy questions to our members	5. T
1. Where do you live ?	
Matabeleland	
Manical and	
○ Midlands	
Southern and Central Africa	
The rest of the world	
2. In what aspect of Geology are you involved ? (you can select more than one field)	
Mining	
Exploration	
Research	
Geophysics	
Geochemistry	
Palaeontology	

Focus

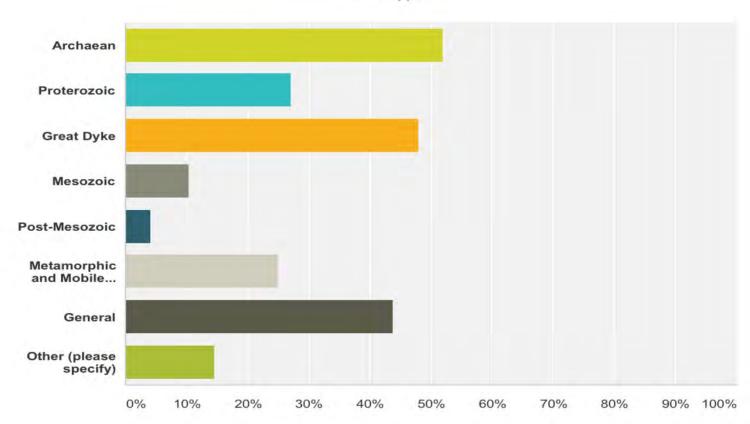
In what aspect of Geology are you involved ? (you can select more than one field)



Area of Interest

What is your primary geological area of interest? (again you can select more than one answer)

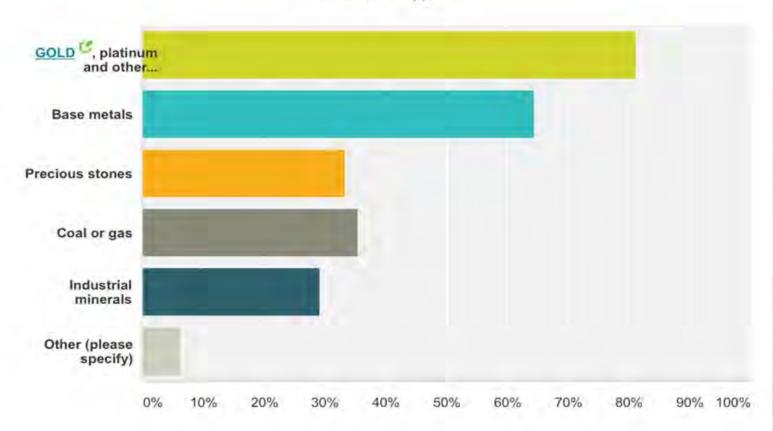
Answered: 48 Skipped: 0



Commodity

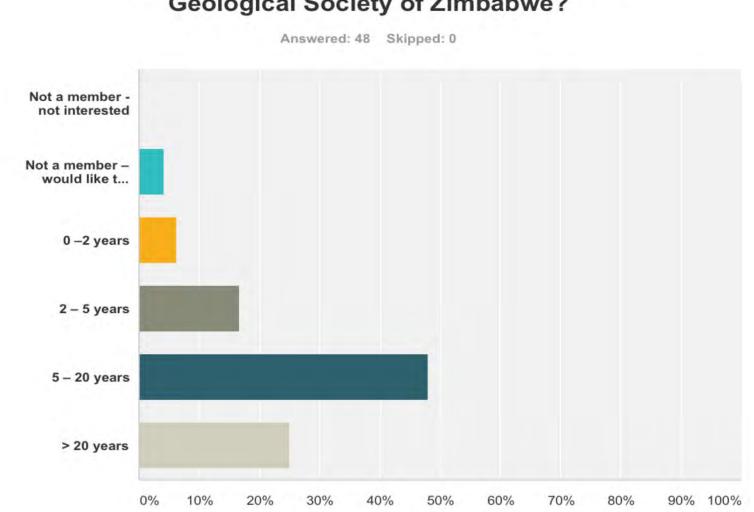
What specific commodities (if any) are you interested in (again, multiple answers are accepted)

Answered: 48 Skipped: 0.



Time as Member

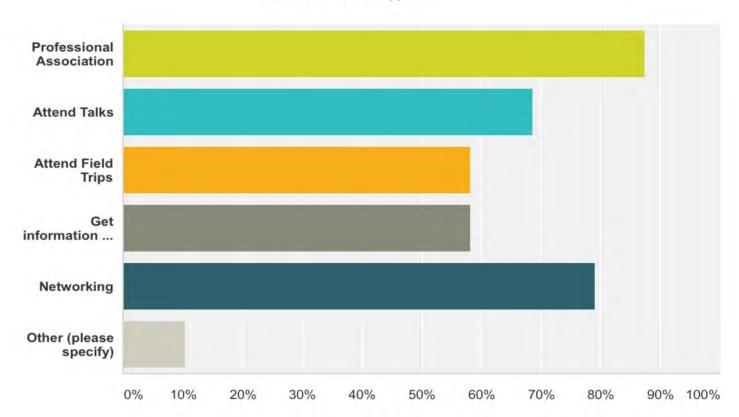
How long have you been a member of the Geological Society of Zimbabwe?



Motivation

What are your motivations for being a member of the GSZ? (you can provide more than one answer)

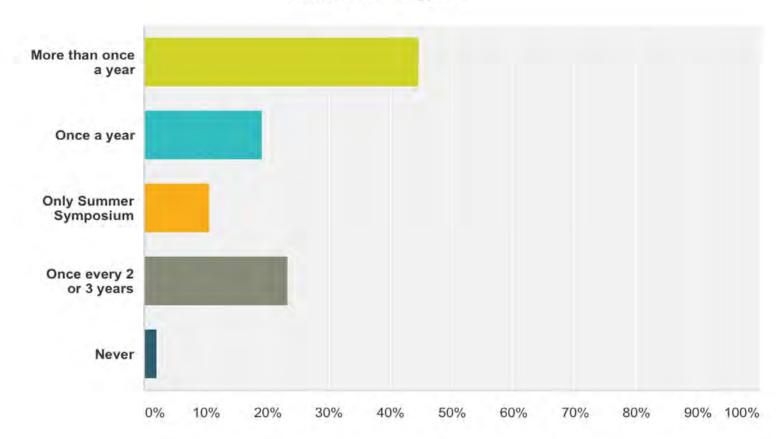
Answered: 48 Skipped: 0



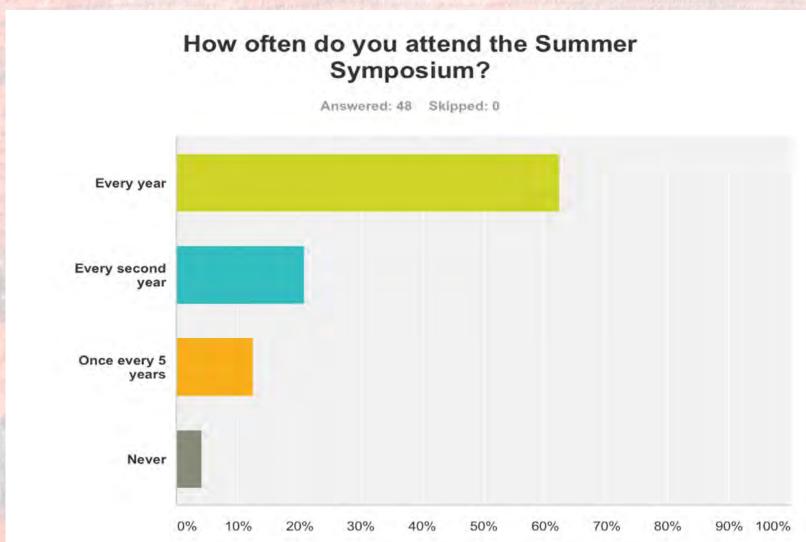
Activity

How often would you attend Field Trips / Talks

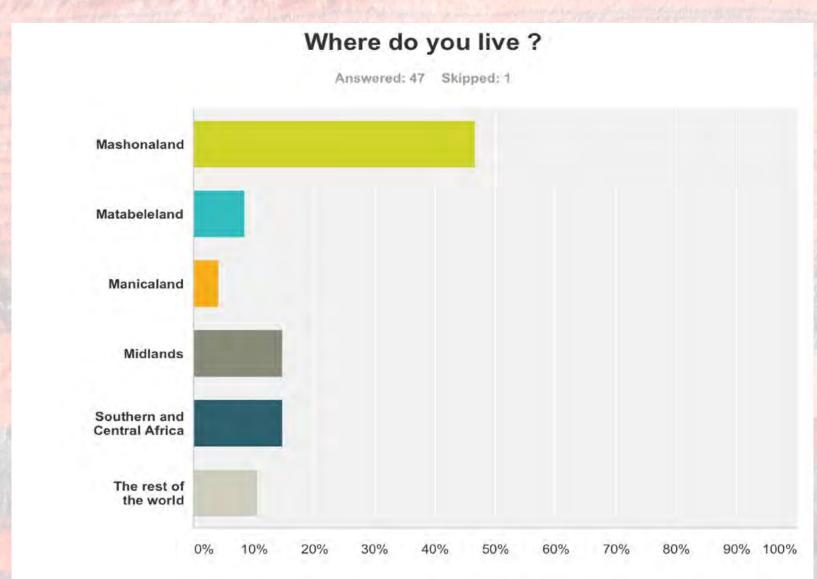
Answered: 47 Skipped: 1



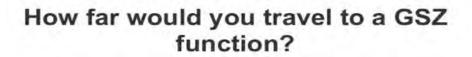
Summer Symposium



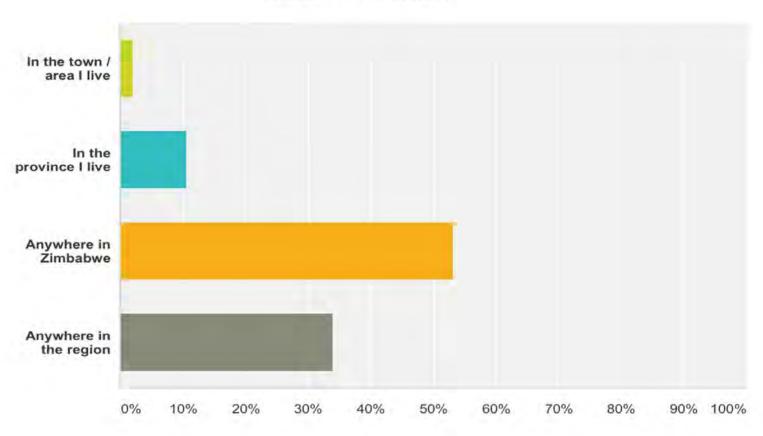
Location



Travel Distance



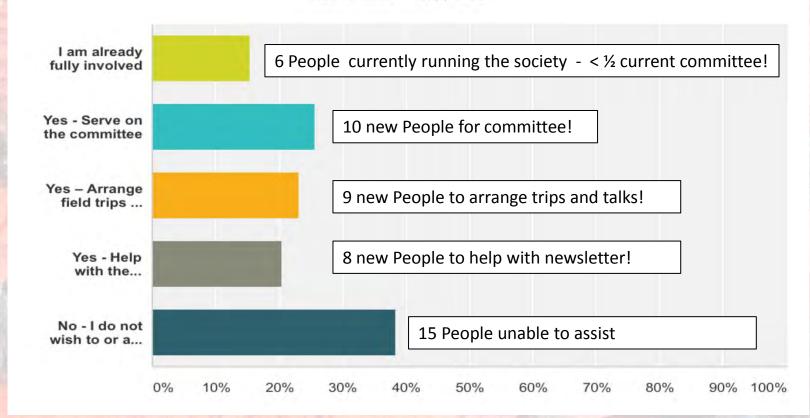
Answered: 47 Skipped: 1



Involvement

Would you like to get more involved and if so in what areas? (again we are open to more than one answer)

Answered: 39 Skipped: 9



Survey Conclusions

- As expected, membership dominated by mining and exploration, Archaean and Great Dyke, precious and base metals.
- Most respondents members for more than 5years and 25% more than 20 years
- Joined for the full range of motivations with +85% wanting a Professional Association
- 45% active more than once per year, 60% attend Summer Symposium every year
- Most live in Mashonaland and are prepared to travel anywhere in Zimbabwe
- Lots of enthusiasm for extra involvement in the committee, with trips and newsletter
- How do we harness this enthusiasm?

Overall

- Made progress on a number of fronts
- Still lots to do

