

Geological Society of Zimbabwe



Annual General Meeting – Andrew du Toit Chairman's Report 2014

5pm Friday 13th March 2015 Country Club

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

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	Chairman	1	Vice Chair		Treasurer		Admin	Hon. Sec	1						100	Bulawayo		100 (m)
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2014 Initiatives

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

www.geologicalsociety.org.zw



The Geological Society of Zimbabwe Join the Society find out how to get involved

act

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Home	Atlas	Membership	News	Events	Publications	Constitution	Committee	History	Conta
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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.

Atlas Project

WIKIPEDIA

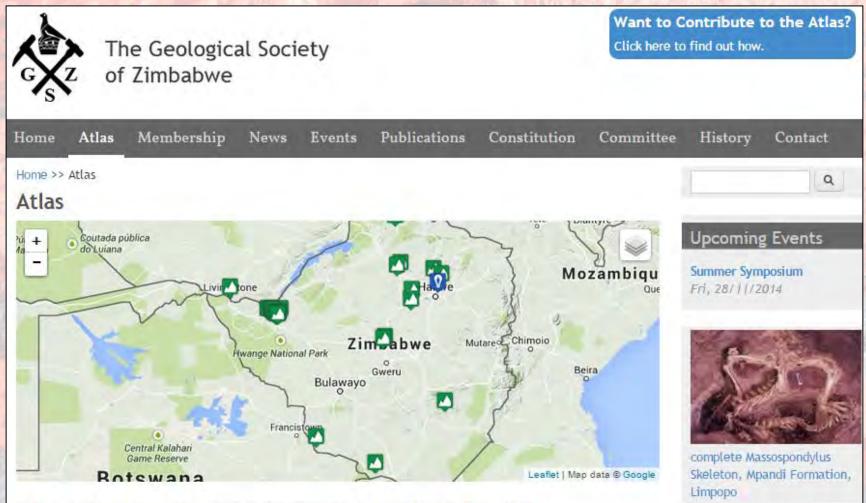


- Data Resource for field guides, trips, outcrops of interest etc
- Collaboration
- Registered Users
- Moderated

Please contribute

www.geologicalsociety.org.zw/atlas

Atlas



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

Home >> Atlas

Atlas



Location Details

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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.

Stratigraphy: 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

Further 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

Description

Credits

Photos

E Source

Attachments

Add new comment

BIUESSEEEE

Your name

andrewdutoitzim...

Comments

Subject

Comment *

Download list

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

ESU Export

	A	В	С
1	Location Name	Latitude	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



Add Atlas Location

andrewdut	toitzim@gmail ×	Create Atlas Location
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My Account	Create Content - Comments Users	Si
	Atlas Event Feature Image News Publications Home Atlas Membership New	Country Trad Livingstone Harare Harare Harare Harare Gweru Bulawayo Francistown
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Specify Position



Add Photos and Documents

Images

Select the image from your documents, then click on upload. Once uploaded you can fill in the Photo Credit & the description fields.

52%

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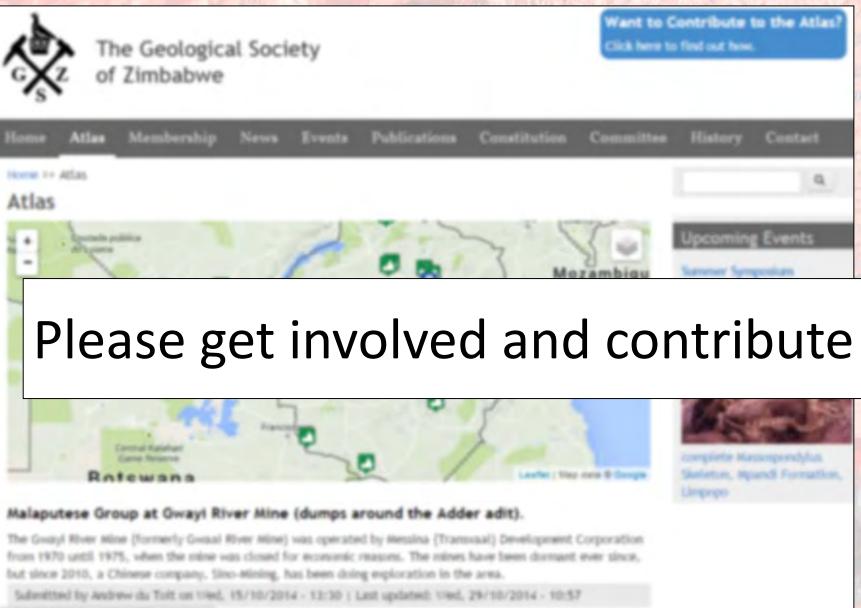
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Save Preview

Atlas



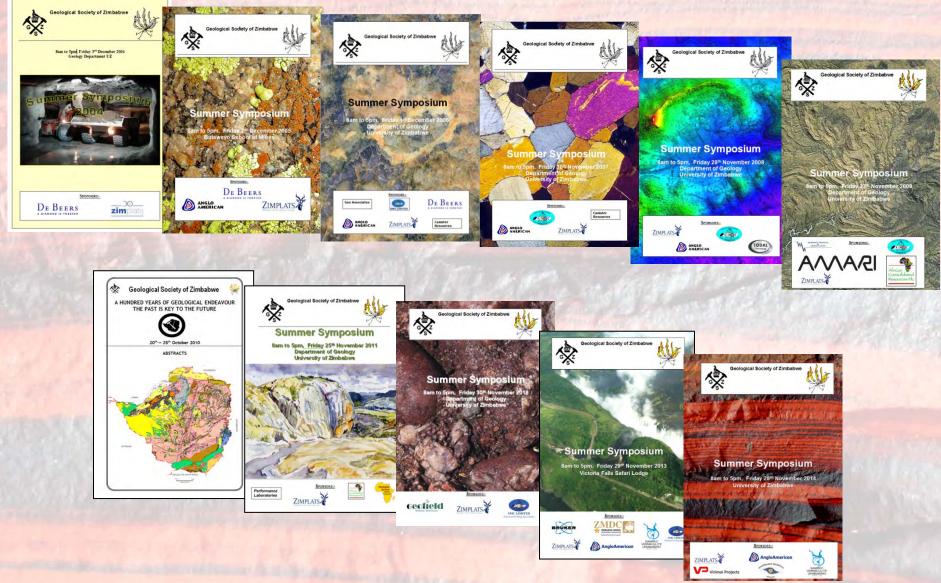
Events

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	Jones Bishi

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



GSZ Members - updated 22nd October 2014 First Name 100 lenkinsop 1038 Broderick Tom 1253 Colvine 1040 de Wit Tim 1002 Eriksson Sandy Maarten 1254 Jones 1043 Kramers Ken 1255 Lister Dai Jan 1045 Martin 1046 Murangari Linley Tony 1047 Nisbel 1048 Park David Euan 1179 Podmore 1049 Viewing Graham Francis 1050 Wilson 1051 Wilson Keith 1052 Zengeni Ordinary Members Allan Teddy 1210 Ait-Kaci 1261 Bekker 1056 Boles AL Andre 1057 Bouammar 1058 Bourhill Andre 1060 Castelin Houda 1244 Chagondah Peter 1063 Chatora Charles 1240 Chikoore Godfrey S. 1025 Chimuka Daniel 1266 Chiumburu Takudzwa 1247 Dondo Lovernore Chenjera 1078 du Toit 1265 Goba Shalert Andrew 1088 Graham Racheal 1085 Gumbo 1267 Gumindoga Nick 1090 Hanssen Hillary Howard 1271 Hlambel 1273 Hlasi Gayle 1268 Kambanje Melusi Fredrick 1264 Kaserera Farirai Andrew Mike lulie Page 1 of 3

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

Geol 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. Th

1. Where do you live ?

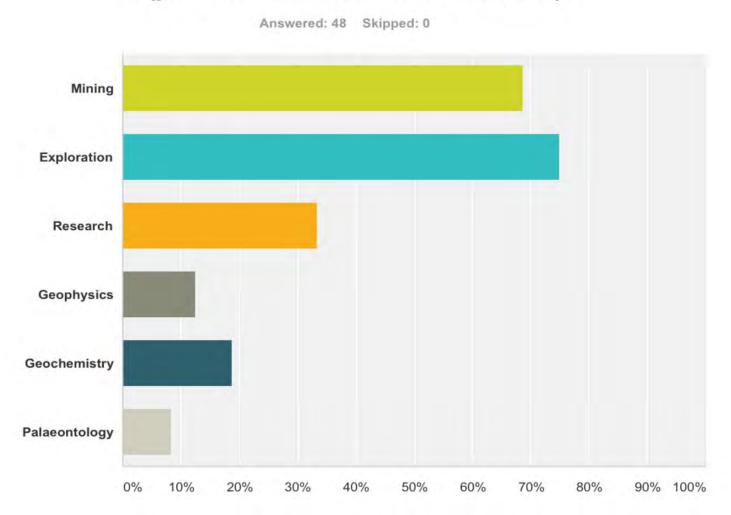
- Mashonaland
- Matabeleland
- Manicaland
- Midlands
- Southern and Central Africa
- The rest of the world

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

- Mining
- Exploration
- Research
- Geophysics
- Geochemistry
- Palaeontology

Focus

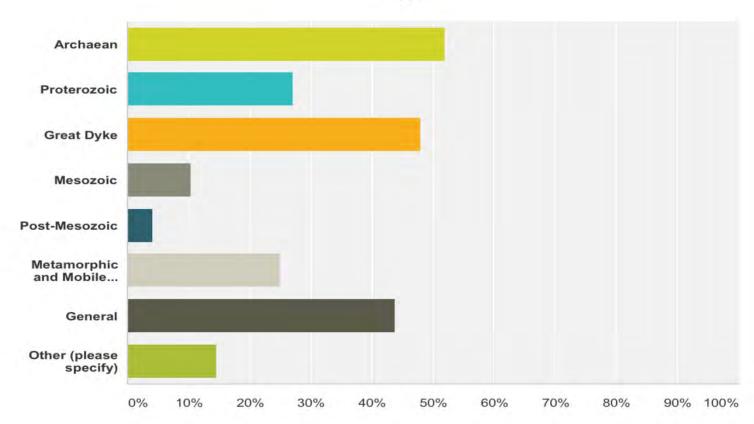
In what aspect of Geology are you involved ? (you can select more than one field)



Area of Interest

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

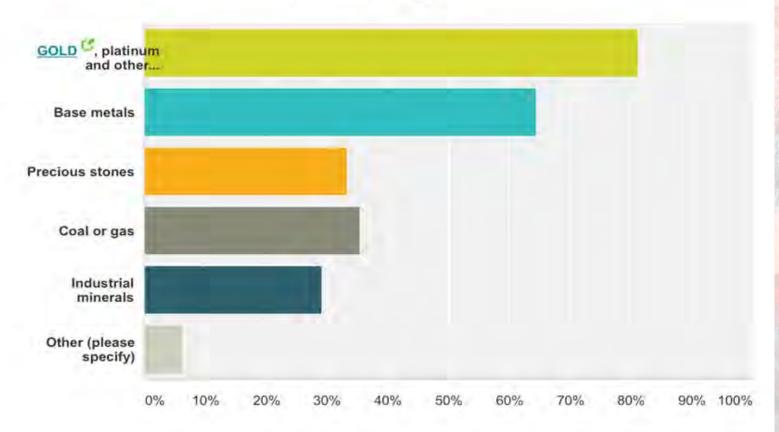
Answered: 48 Skipped: 0



Commodity

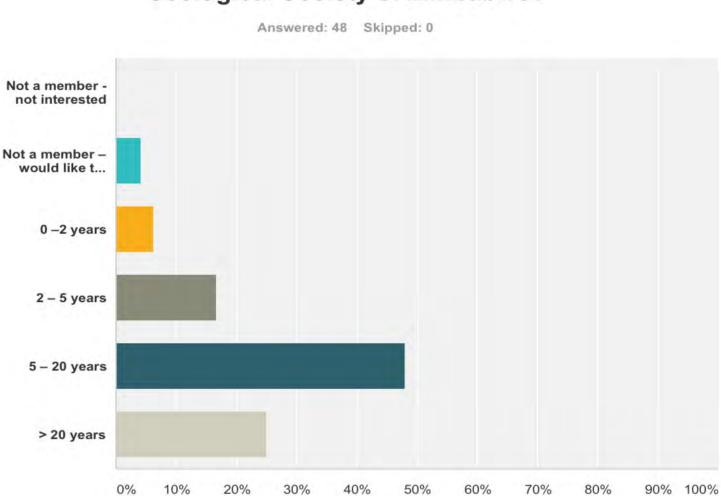
What specific commodities (if any) are you interested in (again, multiple answers are accepted)

Answered: 48 Skipped: 0.



Time as Member

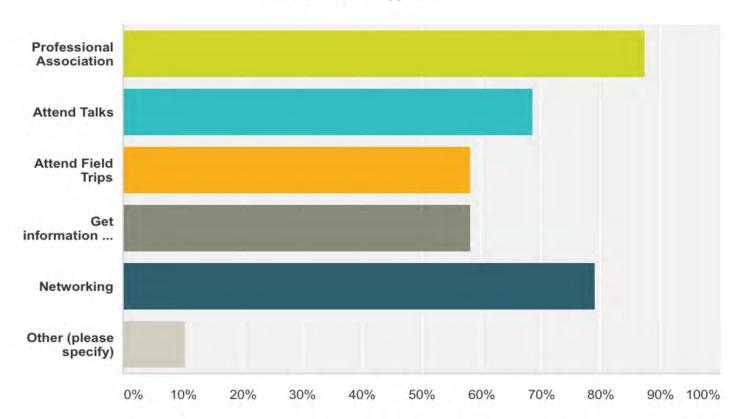
How long have you been a member of the Geological Society of Zimbabwe?



Motivation

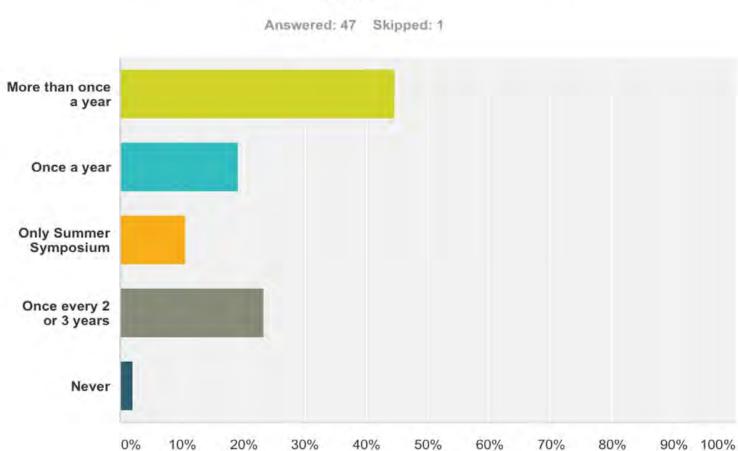
What are your motivations for being a member of the GSZ? (you can provide more than one answer)

Answered: 48 Skipped: 0



Activity

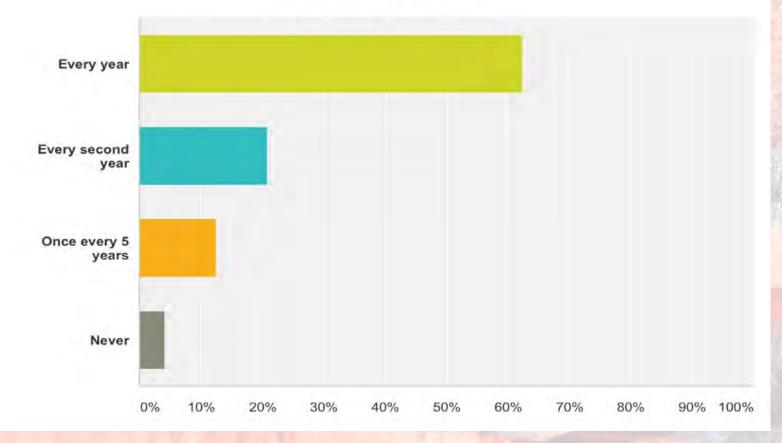
How often would you attend Field Trips / Talks



Summer Symposium

How often do you attend the Summer Symposium?

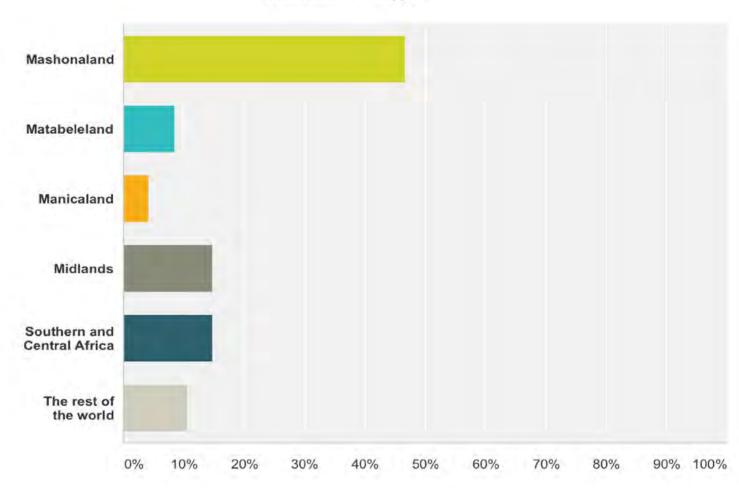
Answered: 48 Skipped: 0



Location

Where do you live ?

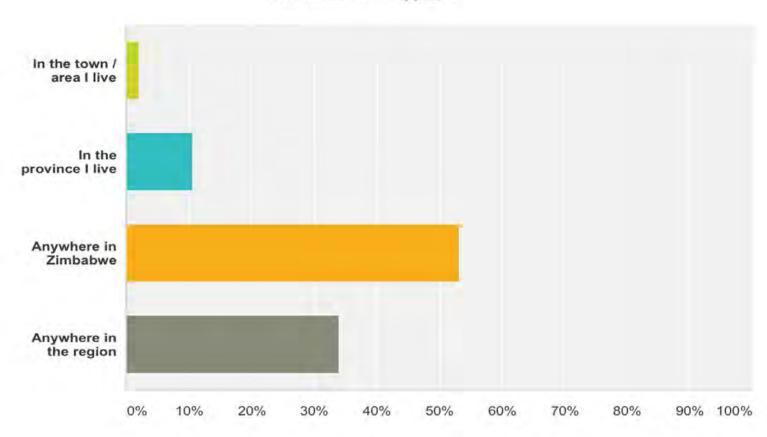
Answered: 47 Skipped: 1



Travel Distance

How far would you travel to a GSZ function?

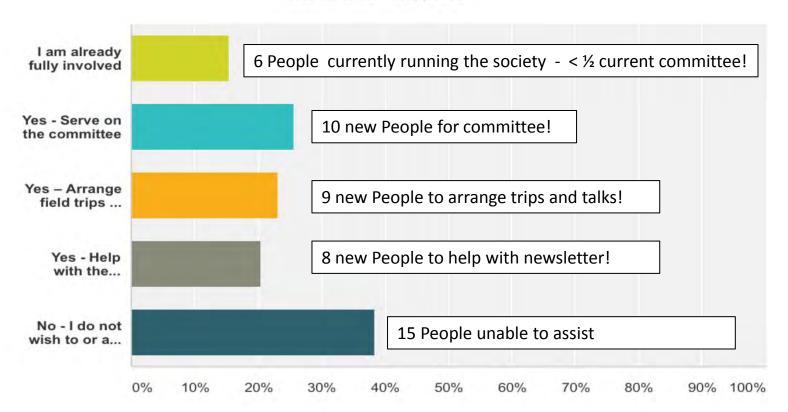
Answered: 47 Skipped: 1



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

Discussion