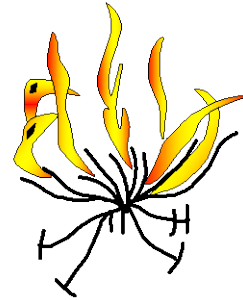




Geological Society of Zimbabwe



Summer Symposium

8am to 5pm, Friday 28th November 2014
University of Zimbabwe

2014 Initiatives

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

www.geologicalsociety.org.zw



The Geological Society
of Zimbabwe

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THE CENTENNIAL FIELD EXCURSION...

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

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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.

[Read more](#)

Membership



The Geological Society
of Zimbabwe

Home Atlas **Membership** News Events Publications

Home >> Membership

Membership

Honourary Member - Awarded to Ordinary Members who have exceptional contributions to the Society of Zimbabwe

Ordinary Member - Professional Membership for holders of a Geology Degree

Foreign Member - Profession Membership for holders of a Geology Degree

Institutional Member - Corporation Membership

Associate Member - For associated professionals and interested members of the Geological Society

Individual Membership Form.pdf

GSZ Members as at 22nd October 2014.pdf

GSZ Members - updated 22nd October 2014

Membership Number	Surname	First Name
Honorary Members		
1001	Blenkinsop	
1038	Broderick	Tom
1253	Colvine	Tim
1040	de Wit	Sandy
1002	Eriksson	Maarten
1254	Jones	Ken
1043	Kramers	Dai
1255	Lister	Jan
1045	Marlin	Linley
1046	Murangari	Tony
1047	Nisbet	David
1048	Park	Euan
1179	Podmore	Graham
1049	Viewing	Francis
1050	Wilson	Keith
1051	Wilson	Jim
1052	Zengeni	Allan
		Teddy

Ordinary Members		
1210	Ait-Kaci	
1261	Bekker	Ali
1056	Boles	Andre
1057	Bouammar	Andre
1058	Bourhill	Houda
1060	Castelin	Peter
1244	Chapondah	Charles
1063	Chatora	Godfrey S.
1240	Chikoore	Daniel
1025	Chimuka	Takudzwa
1266	Chimburu	Lovemore
1247	Dondo	Chanjerai
1078	du Toit	Shalert
1265	Goba	Andrew
1088	Graham	Racheal
1085	Gumbo	Nick
1267	Gumindoga	Hillary
1090	Hanssen	Howard
1271	Hlambelo	Gayle
1273	Hlasi	Melusi
1268	Kamranje	Fredrick
1264	Kaserera	Fairai
1088	Kellow	Andrew
1100	Kuhn	Mike
		Julie

Register

Society
to get involved

Contact

ing Events

Symposium
11/2014



Geological Society

List

WIKIPEDIA

Atlas Project



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

- Please contribute

www.geologicalsociety.org.zw/atlas

Atlas



The Geological Society
of Zimbabwe

Want to Contribute to the Atlas?

[Click here to find out how.](#)

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Atlas



Upcoming Events

[Summer Symposium](#)

Fri, 28/11/2014



complete *Massospondylus*
Skeleton, Mpandi Formation,
Limpopo

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

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](#)

Comments

Description

Add new comment

Your name
andrewdutoitzim...

Subject

Comment *

Credits

Photos

Attachments

Download list

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



	A	B	C
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

Register

Register

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FIELD TRIP TO THE MIDLANDS GRE...

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

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Home

[Create new account](#) [Log in](#) [Request new password](#)

First Name *

Last Name *

Job Title

Employer

Username *

Spaces are allowed; punctuation is not allowed except for periods, hyphens, apostrophes, and underscores.

E-mail address *

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Confirm e-mail address *

Please re-type your e-mail address to confirm it is accurate.

[Create new account](#)

Add Atlas Location

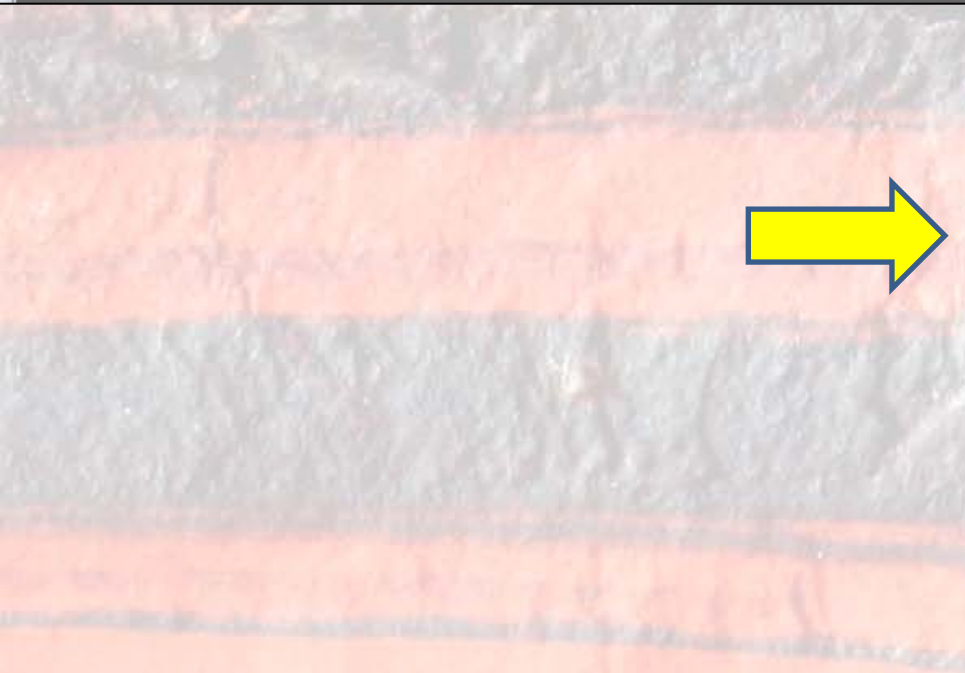
@ andrewdutoitzim@gmail.com x

www.geologicalsociety.org.zw/users/andrewdutoitzim

My Account Create Content Comments Users Logout Existing

- Atlas
- Event
- Feature Image
- News
- Publications

Home Atlas Membership News



Create Atlas Location

Title *

Location

This is a brief description of where the item of interest is situated, ie "Bridge over Mazowe River on Harare-Bindura main road, just north of the Glendale turn-off."

Show row weights

Location

Location

You may set the location by clicking on the map, or dragging the location marker. To clear the location and cause it to be recalculated, click on the marker. If you wish to supply your own latitude and longitude, you may enter them below in WGS84 Lat/Long in decimal degrees.

Location name

Country

Zimbabwe

Latitude

Longitude


Add another item

Description (Edit summary)

B I U [List Icons] [Link Icon] [Image Icon] [Source] Format Size

Specify Position

Country Zimbabwe



Map Satellite

Click

Google Imagery ©2014 TerraMetrics 50 km Terms of Use

Type in WGS84 Lat/Long

-18.587029236281953

29.787749648094177

The image shows a satellite map interface for Zimbabwe. A red location pin is placed on the map, with a yellow arrow pointing to it and the word 'Click' written inside the arrow. Below the map, there are two input fields containing WGS84 coordinates: latitude (-18.587029236281953) and longitude (29.787749648094177). A yellow arrow points from the text 'Type in WGS84 Lat/Long' to these input fields. The map interface includes a 'Country' dropdown menu set to 'Zimbabwe', a 'Map/Satellite' toggle, a compass and zoom controls, and a scale bar for 50 km.

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.

Add a new file

Choose file Walking to...rpheus.JPG

Upload



Uploading... (1.78 MB of 3.4 MB)

52%

Files must be less than 100 MB.

Allowed file types: png gif jpg jpeg.

Images must be smaller than 640x640 pixels.

Images

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

[Show row weights](#)

File information

Operations



 Walking to Orpheus.JPG (116.96 KB)

Photo Credit

Add the name of the person who captured this image, ie Joe Bloggs.

Photo Description

Remove

SAVE

Save

Preview

Questionnaire

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. The

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

Summer Symposium

Geological Society of Zimbabwe

8am to 5pm Friday 3rd December 2004
Geology Department UZ



Summer Symposium 2004

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A DIAMOND IS FOREVER

ZIMPLATS

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 2nd December 2005
Bulawayo School of Mines

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ZIMPLATS

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 1st December 2006
Department of Geology
University of Zimbabwe

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Camstar Resources

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 30th November 2007
Department of Geology
University of Zimbabwe

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Camstar Resources

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 28th November 2008
Department of Geology
University of Zimbabwe

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ANGLO AMERICAN

AMARI

TODAL

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 27th November 2009
Department of Geology
University of Zimbabwe

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AMARI

ZIMPLATS

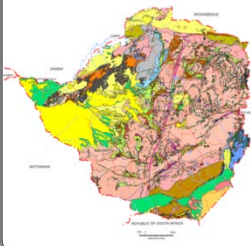
African Consolidated Resources P.L.C.

Geological Society of Zimbabwe

A HUNDRED YEARS OF GEOLOGICAL ENDEAVOUR
THE PAST IS KEY TO THE FUTURE

20th – 25th October 2010

ABSTRACTS



Geological Society of Zimbabwe

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 25th November 2011
Department of Geology
University of Zimbabwe



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Performance Laboratories

ZIMPLATS

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 30th November 2012
Department of Geology
University of Zimbabwe



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ceci field

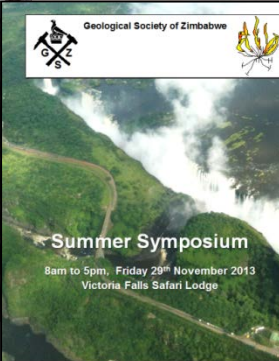
ZIMPLATS

AMARI

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 29th November 2013
Victoria Falls Safari Lodge



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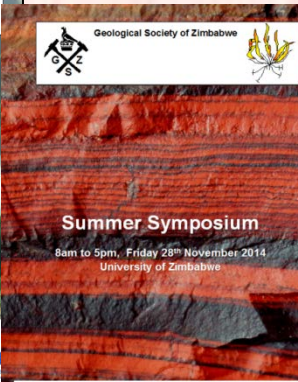
ZIMDC

AMARI

Geological Society of Zimbabwe

Summer Symposium

8am to 5pm, Friday 28th November 2014
University of Zimbabwe



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AMARI

Summer Symposium 2014

**Theme: - Mineral Resource
Potential of Zimbabwe**

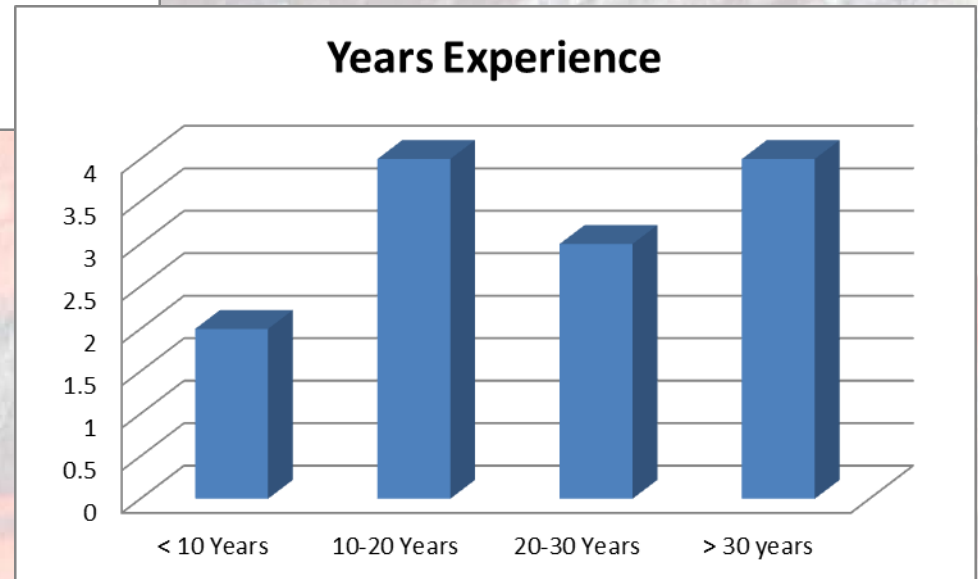
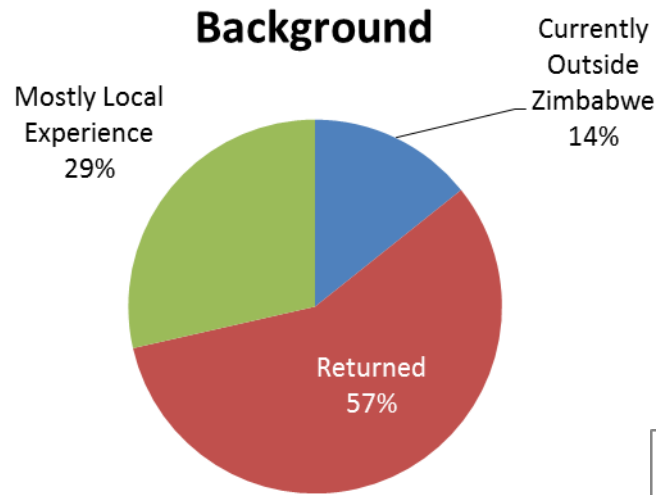
Mineral Resource Potential of Zimbabwe

Mineral	Reserves (000 tons)
Gold	13,000
Platinum	2,800,000
Chromite	930,000
Nickel	4,500
Coal	26,000,000
Diamonds	16,500
Iron ore	30,000,000
Copper	5,200,000

Cf Only 2000t Au produced in last 100Years!

Approx correct for tonnes of rock in resource, but Pt content only a few parts per million

Speaker Statistics - this year





Welcome

Hon Fred Moyo MP, Deputy
Minister of Mines and Mining
Development