

INSTITUTE OF GEOLOGISTS OF IRELAND



2014 - 2015

ANNUAL REPORT and FINANCIAL STATEMENTS

MISSION

To promote and advance the science of geology and its professional application in all disciplines, especially the geosciences and to facilitate the exchange of information and ideas in relation thereto.

To require its Members to uphold, develop and maintain the highest professional standards in the practice of their profession, as described in the Company's Code of Ethics and Conduct.

May 2015

Company number 314400. Directors: Gerard Stanley, Marie Fleming, James Hodgson, Peter Glanville

Member of the
European Federation
of Geologists

The Institute of Geologists of Ireland

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1 PRESIDENT'S REPORT

1.1 ACKNOWLEDGEMENTS

As the end of my Presidential term approaches, I am pleased to present my final report. The past two years have been extremely busy and rewarding, and we have made progress on number of fronts – details of which you will read in this Annual Report. I would like to sincerely thank the Members of the Board, who continue to work voluntarily on behalf of the Membership (Table 1).

Board Member	Title	Additional Responsibilities
EurGeol Gerry Stanley PGeo	President	IGN*; Membership; Course accreditation; representation
EurGeol Marie Fleming PGeo	Vice-President	EFG Registration Authority; Geotech Register; External relations GeoSoc.
EurGeol Dr. Peter Glanville PGeo	Hon. Secretary	Comms† strategy; Education & outreach
Dr. Jim Hodgson PGeo	Hon. Treasurer	Membership
EurGeol Catherine Buckley PGeo	Non-Executive Director	EIS Guidelines; EFG rep; CPD; Hydrogeology Register
Dr. Marie Cowan PGeo	Non-Executive Director	Comms† strategy; Education & outreach; short courses
EurGeol Claire Clifford PGeo	Non-Executive Director	EFG rep; Newsletter; Short courses
Mairéad Glennon PGeo	Non-Executive Director	Insurance matters; Comms† strategy; Short courses; Education & outreach
EurGeol Dr. Billy O'Keefe PGeo	Non-Executive Director	Newsletter; short courses
EurGeol Graham Reid PGeo	Non-Executive Director	Short courses

Table 1. IGI Board and responsibilities.

(*IGN – Irish Geoscience Network. †Comms – Communications).

Susan Pyne and Ethel Stringer continued to support the Administration and Accounting functions, while Eamonn Kelly, as Webmaster, continued to update and build our website. I would like to sincerely thank them for their continuing support. In many ways they are the public face of the IGI and it is they who through their hard work make us look good.

The IGI acknowledges the continued support of our sponsoring bodies, the Irish Mining & Quarrying Society (IMQS), Geophysical Association of Ireland (GAI), Geotechnical Society of Ireland (GSI), Irish Association for Economic Geology (IAEG) and the International Association of Hydrogeologists (Irish Group, IAH). We are also indebted to Arup, the Geological Survey of Ireland and SLR Consulting for hosting our Board meetings throughout the year.

Many of our Members actively contribute to the IGI's work, through the Standing Committees and Working Groups in the varied fields of accreditation and validation; ethics and disciplinary matters; development of technical guidelines and policy; corporate governance; European and international affairs; public advocacy and outreach, for which support the Board is extremely grateful. I would like to thank sincerely thank all those Members who give extensive personal

time to represent the IGI at Board level and at various conventions at home and abroad, and to those who participate voluntarily on working groups and committees in their own time. Such inputs ensure the continued, membership-led ethos of the IGI and contribute to its strength.

1.2 HIGHLIGHTS OF THE 2014 -2015 TERM

Fees

During the year an Extraordinary General Meeting was held to consider an increase to the subscriptions of the Institute. The Meeting was held at the Geological survey of Ireland on Wednesday 12th November 2014. The Meeting was addressed by the Honorary Treasurer (Jim Hodgson PGeo) who advised on the financial situation at the Institute and explained the case for the subscription increase. There was unanimous agreement to the proposal and the annual subscription fees for the Institute are now fixed at:

Member	€175
Member in Training	€40
Associate Member	€40
Retired Member	€40
Student Member	€20

Registers

It is now a feature of professional practice that to carry out work in a specific area it is necessary for the person to be entered onto a Register for that particular subject matter. The Institute has operated the Register of Professionally Qualified Geoscientists / Competent Persons (in respect of environmental risk assessment for regulated and unregulated waste disposal and contaminated land sites); Short title: 'IGI Landfill and Contaminated Land Register' (renamed from the original 'Professionally Qualified / Competent Persons to carry out Hydrogeological Assessments at Historical Landfill or Contaminated Sites' - or 'The IGI Landfill Register'). The Register was renamed in consultation with the EPA to take account of the varied work undertaken by professionals in the area. There are currently 33 Hydrogeologists on the Register. To apply for entry to the register please see the IGI website.

The Institute is also in the process of setting up a Register of Professional Geologists competent to carry out work relating to Pyrite in Construction. The Register, when set up, will provide a list of those expert in assessing the presence or absence of pyrite in buildings already constructed and in providing advice / consulting services to the quarry sector on issues relating to pyrite. The Register is being set up in response to the well-publicized 'pyrite issue' that arose during the construction boom in the early and middle of the last decade.

A third Register is being considered which will cover the provision of engineering geology and geotechnical services to the constructions sector. This is being considered jointly with Engineers Ireland (EI) Geotechnical Society of Ireland (GSI). This has arisen because in the United Kingdom there is a similar Register for these professionals (known as the Register of Ground Engineering Professionals or RoGEP) and several recent projects in Ireland have requested that engineering geology or geotechnical work be carried out by a RoGEP qualified person. Discussions on this are continuing with EI's GSI. IGI is represented by Marie Fleming and Tom Moore.

I would like to open a discussion on the issue of Registers and competency. In our application procedures to become a Member of the IGI we ask applicants to nominate their main fields of expertise (see our Guidelines quote below).

“Candidates should first identify their main field(s) of expertise by noting the years of experience. Candidates presenting more than one main field should rank them (1, 2, 3), where 1 is the most important. No more than three main fields may be selected. Optionally, candidates may also indicate one or more specialist areas within any or all of their main fields; specialist areas not listed may be included, if necessary by continuing on a separate sheet.”

There has been confusion in completing this part of the form as evidenced in recent applications. It also seems that the listing of the main field(s) of expertise is in effect a Register for that area of expertise. While acknowledging the requirement for some Registers on account of their very specific requirements I do not think it is necessarily the best option to create as many Registers as there are specialist areas. If operated correctly I think the self-specification system would serve the Institute best. However, many people move into different specialist areas throughout their careers and it is appropriate that the Institute take account of a person's evolving or changing expertise. In the past we have asked Professional Members to self-declare their changing areas of expertise at Membership renewal. This has not worked well and we need to discuss how the Institute handles this situation.

In short the Institute should have a discussion that addresses the following:

- i)** Is a declaration of a main field a statement of competency in that area?
- ii)** Is it reasonable to limit a person's competency to three main fields?
- iii)** The self-declaration at Membership application.
- iv)** The desirability of having Registers for specified areas of geoscience.
- v)** How to set up an initial Register for a specified topic.
- vi)** How to add new specialism's/competencies to a person's range of services.

Validation

At last year’s AGM and following representations from the Chair of the Validation Committee (EurGeol Morgan Burke PGeo) it was decided to set up a Select Committee to investigate and provide guidance on admission to the Institute. The Committee was Chaired by Morgan and comprised previous Presidents of the Institute EurGeol Kevin Cullen PGeo, EurGeol Deirdre Dr. Lewis PGeo and EurGeol Peter O’Connor PGeo. They presented their findings in February 2015 and they were accepted by the Board. The main findings and recommendations of the Committee are summarized in Table 2.

Admission Criteria for Membership of the Institute of Geologists of Ireland					
	Primary Degree	Masters Degree	Doctorate	Required Professional Geo-Science Experience (Years)	Comment
Geo-Science Degree	Yes	-	-	5	4 Year Primary Degree Course with > 50% Geo-Science Content
Geo-Science Degree	Yes	Yes	-	4	4 Year Primary Degree Course with > 50% Geo-Science Content
Geo-Science Degree	Yes	-	Yes	3	4 Year Primary Degree Course with > 50% Geo-Science Content
Non-Geoscience Degree	Yes	-	-	10	
Non-Geoscience Degree	Yes	Yes	-	6	Taught Degree (Minimum Geo-Science Content > 50%)
Non-Geoscience Degree	Yes	Yes	-	6	Degree by Research (Geo-Science Content> 75% validated by Supervisor)
Non-Geoscience Degree	Yes	-	Yes	5	Research (Geo-Science Content> 75% validated by Supervisor))
	Primary Diploma				
Geo-Science Diploma	Yes	-	-	8	3 Year Course with Geo-Science content >50% validated by Course Director
No Formal Qualification	-	-	-	12	Exceptional Case only, with executive decision by IGI Board (e.g. honorary title for exceptional service to Geoscience)

Table 2. Admission criteria to the Professional Geologist category of Membership of the IGI.

In addition the Select Committee recommended the following:

- i) Table 2 should be considered as guidance only and the Validation Committee should continue to assess each application on its own merits.
- ii) The option for existing Members to request amendments to their areas of expertise when updating their details in conjunction with paying their annual subscription fee be discontinued. Any future changes to a Member’s area(s) of expertise should be sponsored by one Member in Good Standing with relevant experience in the particular specialism. (See also above under Registers).
- iii) A definition of the term ‘Geoscience’ should be included in the Articles of Association.

In order to accept these recommendations it will be necessary to amend the Articles of Association. To deal with the easy part – the inclusion of the term ‘**geoscience**’ in the Definitions of the Articles. It is proposed to insert a definition of the term ‘geoscience’ into the Articles of Association. The proposed wording is:

Geoscience - includes all the sciences (including but not limited to geology, geophysics, and geochemistry) that study the structure, evolution and dynamics of planet Earth including its atmosphere, soil, rocks and interior and its natural water, mineral and energy resources. Geoscience investigates the processes that have shaped the Earth through its history and uses the geological record to understand that history. Geoscience has direct relevance to the needs of society.

Article 10 of the Articles covers the admission of persons to the Professional Geologist category of membership of the Institute. The relevant parts are 10c and 10d, quoted below.

c) Professional Members shall have a primary degree in geology, geoscience, or equivalent approved by the Board; or produce evidence satisfactory to the Board that

such degree or other qualification the candidate may possess is equivalent to a degree approved by the Board; and have been engaged in the science and practice of geoscience for a period of not less than five years subsequent to the award of the degree, or to the acquiring of such qualification as may be accepted by the Board as equivalent, provided that in the specified five years the candidate has attained a position of professional responsibility.

d) *The Board shall be the sole judge of the eligibility of an approval for membership of the Company as a Professional Member and to the adequacy of the qualifications or relevant experience or responsibility. Applicants proposed as Professional Members shall first satisfy a Validation Committee being a subcommittee appointed by the Board that any applicant proposed as a Professional Member is a fit and proper person to become a Professional Member and the Validation Committee shall make recommendations to the Board in this regard. A Professional Member shall be sponsored by not less than three (3) fully paid up Professional Members of either the Company or other professional organisations recognised for this purpose by the Board.*

Article 10c basically says that candidates for Professional Geologist shall have a degree (or equivalent) AND five years practical working experience. The proposal of the Select Committee as outlined in Table 2 varies both the qualification level and the length of time acceptable for entry to the Professional Geologist category of membership. However, to include all of this in the text of the Articles might be cumbersome so I would propose the following amendment to Article 10c to address the recommendation of the Select Committee and to provide flexibility to the Board into the future:

c) *Professional Members shall have a geoscience qualification, approved by the Board and have been engaged in the science and practice of geoscience for a period dependent on the level of the qualification subsequent to the award of the qualification, provided that in the specified period the candidate has attained a position of professional responsibility. The Board will determine from time to time what level of qualification and what periods of work experience are required to be eligible for Professional membership and shall make these available to all prospective candidates. The Board shall review these requirements at periods of not less than five years.*

It is not proposed to amend Article 10d.

IGI Representation

IGI Members continue to represent the Institute at regular consultative meetings of the Geological Survey of Ireland (Marie Fleming) and Geological Survey of Northern Ireland (John Kelly). Graham Reid represents the IGI on the PERC Committee at European level and other IGI Members involved include Paul Gordon, John Clifford, Andy Bowden, John Barry, Eibhlín Doyle and Gerry Stanley.

During the year the Geosciences Committee of the Royal Irish Academy (RIA) was re-invented as the Geosciences and Geographical Sciences Committee following an internal review by the RIA. Membership of the Committee is largely by appointment by the RIA with a limited role by the Committee in appointing additional members. The Institute does not have direct membership of the Committee but several IGI Members serve on the committee – Marie Cowan, Deirdre Lewis, Pat Shannon, Koen Verbruggen and John Walsh. I would like to thank Deirdre Lewis for her long service on the old Geosciences Committee as an elected Member of that Committee serving as an IGI representative.

IGI Members John Kelly, Billy O’Keeffe, Eoin Wyse and Gerry Stanley were active on the National Standards Authority of Ireland (NSAI) inter-disciplinary panels on Aggregates. They continue to represent the IGI and geologists at the NSAI with respect to the review and revision

of standards and guidance documents in relation to aggregates. The Panel addresses such matters as pyrite in aggregate, specifications for quarry products and the role of geoscientists in the sector.

Marie Fleming has recently accepted an invitation to become a member of the External Relations Committee of the Geological Society of London which aims to raise public awareness and understanding of geoscience, and the professional activities of geoscientists, including the relevance of the science and profession in aiding policy and decision making concerning wealth creation, provision of resources, sustainability, environmental protection and conservation.

The IGI assisted at the BT Young Scientists Exhibition on the GSI coordinated stand on the geosciences at the RDS in January 2015. Gerry Stanley also assisted but primarily wearing his GSI hat.

European Federation of Geologists (EFG)

The IGI continues to be an active National Association Member, as well as a National Licensed Body Member, of the European Federation of Geologists (EFG). The IGI is represented at the EFG by Catherine Buckley and Claire Clifford although Gerry Stanley has stood in when our official representatives were not available. Marie Fleming is Chair of the EFG Registration Authority and attends all Board and Council meetings of the EFG.

A significant development during the year was the decision taken by the EFG to lead and participate in the European Commission's Horizon 2020 (H2020) research programme. The EFG were involved in two winning consortia. The winning proposals are called INTRAW and KINDRA. These are reported on later under International Agreements.

The IGI was represented by Marie Fleming at the Round Table meeting of the European Geosciences Union, a convening of the national geoscientific societies of Europe, at the General Assembly of the EGU in Vienna.

PGeo Title and Request for Tenders

During the year we receive a representation from a Professional Member in good standing who tendered for a contract to carry out work for a Local Authority. The Local Authority requested that the successful applicant have the PGeo (or equivalent) title. The Local Authority awarded the contract to a contractor who did not have the requested title. The IGI wrote to the Local Authority requesting an explanation but at the time of writing they had not responded. The IGI therefore wrote again to the Local Authority and on this occasion pointed out that the appointed person did not have required PGeo (or equivalent) title.

The Institute welcomes the requirement by clients seeking the services to have the work carried out by persons holding the PGeo title (or equivalent). However, the Board is of the opinion that an education campaign is required to inform clients of the requirements of holding the PGeo title.

Courses

Two courses were organized this year – one on Drilling (October 3rd 2014, Kilkenny) and one on Communications (to take place on 24th April 2015). The Drilling course was organized by Ric Pasquali and Claire Clifford with assistance from Graham Reid. The course was practical with presentations from David Ball, Claire Clifford, Stephen Letch, Michael McCarthy and Ric Pasquali with a drilling demonstration in the afternoon. The course was a great success with 35 participants in attendance and braving the rather inclement weather for the drilling demonstration. The Communicating Geoscience Course is a specially designed course for geoscientists and will take place in a working TV studio. The course is being run by Rob Morrison and Nick Garbutt and is being organized by Marie Cowan. It will provide expert guidance and case-study based role play with individual feedback. While there are only six places on the course we are already lining up a second and possibly third course for later in the

year. These courses are organized by our Board Members, to whom I am very grateful, and also to the many presenters for their informed contributions.

Website

The IGI website www.igi.ie continues to provide information to the Membership and promote the Institute and its objectives. We are also in the process of redesigning and developing the website so that it is up-to-date, more attractive and informative for the Membership. Eamonn Kelly continues as our Webmaster responding to the Boards' requests to update the website.

Bulletin

A feature of our Communications strategy was the introduction, last year, of the weekly Bulletin which provides information to Members on upcoming events (both IGI sponsored events and events sponsored by other Geoscience organisations); job opportunities (although sadly these have been rather few this year); GeoSoc and EFG magazines; and other matters likely to be of relevance to geoscientists. The Bulletin has been a great success and is coordinated by Susan Pyne in our office.

IGI Medal of Honour – EurGeol Kevin Cullen PGeo

The IGI officially recognizes the outstanding contribution of Irish Geoscientists to the geosciences through the Presidents Medal of Honour awarded biannually. As the outgoing President, I am especially delighted to nominate hydrogeologist and IGI Past President EurGeol **Kevin Cullen** PGeo as the recipient of the award for 2015.

Kevin received his B.Sc. (Hons.) degree in geology from University College Dublin in 1971 and obtained a Master's degree in Hydrogeology from Birmingham University in 1978. He has practiced as a professional geologist in Ireland since 1971, firstly in mineral exploration and subsequently in hydrogeology and waste management. Kevin founded the consulting practice of K. T. Cullen & Co. Ltd in 1979 which was subsequently taken over by White Young Green plc (WYG) in 2001. He remained with WYG as managing director of the Irish Environmental Unit until 2004. Since 2004 Kevin has been self-employed, consulting in the area of hydrogeology and environmental geology.

Kevin's wide range of hydrological experience includes dewatering of mines and quarries; the development of groundwater for industrial, mineral water, the agri-industry, electronic and leisure industries; the hydrogeological assessment of landfill sites; expert witness at oral hearings and court cases; and identification and development of public groundwater supplies. Throughout his career he has contributed to many planning applications and Environmental Impact Statements. Kevin is currently a Non Executive Director of The Verde Environmental Consultants Ltd.

Kevin has been a loyal and dedicated Member of the IGI as well as an ardent supporter of the EFG. He served on the IGI Board and was President from 2007 to 2009. He has contributed to many IGI projects including the Institute's EIS and Private Water Well Guidelines and various workshops. He is always available to provide advice and volunteer for IGI activities and assists with interviews hosted by the Validation Committee.

EurGeol Gerry Stanley PGeo

President, 20 April 2015

2 HON. SECRETARY'S REPORT

2.1 2014 Annual General Meeting

The 2014 Annual General Meeting (AGM) of the IGI was held on Wednesday 21st May 2014 at 6.30pm in the lecture theatre at No. 63 Merrion Square, Dublin 4. The meeting was chaired by the IGI President, EurGeol **Gerry Stanley** PGeo. Minutes of the meeting have been distributed separately.

At the AGM the following were elected to the Board of the IGI to serve during the year 2014-2015:

President	Gerry Stanley
Vice President	Marie Fleming
Honorary Treasurer	Jim Hogson
Honorary Secretary	Peter Glanville
Board Members	Catherine Buckley Claire Clifford Marie Cowan Mairead Glennon William O'Keefe Graham Reid

2.2 BOARD MEETINGS

The IGI Board met nine times in 2014/2015 on the following dates:

- 24th June 2014
- 2nd September 2014
- 14th October 2014
- 12th November 2014
- 15th January 2015
- 11th February 2015
- 24th March 2015
- 20th April 2015; and
- 26th May 2015.

2.3 EXTRAORDINARY GENERAL MEETING

An Extraordinary General Meeting was held on Wednesday 12th November 2014 Geological Survey of Ireland to consider if the subscriptions to the Institute should be raised.

Over the previous two years the IGI has run an annual deficit and, at the time of the EGM, it was due to make a substantial loss in 2014 also. The late payment, or nonpayment, of subscription fees has an impact on the running of the Institute.

The Meeting was addressed by the Honorary Treasurer (Jim Hodgson PGeo) who advised on the financial situation at the Institute and explained the case for the subscription increase.

A vote was taken at the EGM to increase the IGI fees as outlined by the Honorary Treasurer and it was passed unanimously.

2.4 MEMBERSHIP

As of the 20th April 2015, there are 185 Professional Members (PGeo) of the Institute, 22 Members in Training (MIT), 6 Retired Members and 3 Associate Members. There are currently 2 applications for PGeo status in hand. These figures demonstrate the continued and steady growth of the institute.

A total of 18 new Professional Members were elected during the year and 7 new Members-In-Training were elected during the year. One person transferred to Retired status. Two Members were unfortunately delisted in March 2015 due to lack of contact. .

2.5 DEADLINE FOR MEMBERSHIP APPLICATIONS

In order to ease the seasonal workload on the IGI office and the Validation Committee, who all give their time freely to the Institute; the Board of the IGI has decided that there will be two cutoff dates in the year for the receipt of applications for membership of the Institute of the IGI.

The application deadlines will be the 31st of March and the 30th of September each year. The application deadlines will ensure that candidate interviews can be held and Members elected by the Board before the Christmas period in the case of the September deadline and similarly candidate interviews can be held and Members elected by the Board before the AGM held in late May each year. The first new application deadline will be the 30th September 2015.

The new application deadlines will assist applicants and applicant sponsors in making submissions in a timely manner to the IGI, and also facilitate the validation committee in organising Members to form an interview committee, and who give their time freely for the interview process.

2.6 MEMBERS IN GOOD STANDING

To be a 'Member on good standing' of the IGI you must have completed and returned your CPD forms and be fully paid up in terms of subscription. It is up to individual Members to ensure that they comply with these requirements in order to be considered a Member in good standing with the Institute.

2.7 MEMBER COMPETENCY

It is incumbent on all Members of the IGI to ensure that they are competent in their respective fields, and that they meet the competency requirements when reporting under specific codes or regulations. The IGI Professional Membership title does not cover Members outside of their areas of competency, it is the obligation of each individual Member to ensure they are competent and/or meet any required competency requirements.

Those professional Members working in the aggregates and metals sector must ensure that they meet the competency requirements as set out in the PERC guidelines. The revised SR21 Guidelines, which are due to be published in April/May 2015, stipulate that those reporting under the guidelines must be a '*Professional Geologist*' and '*are competent under the PERC*'; the onus is on each professional Member to ensure they meet the competency requirements.

Please note that the definition in the relevant Aggregate Standards will be updated from “Professional Geologist” to “Competent Person” who will be a Professional Geologist or equivalent qualified person with a stated minimum level of relevant experience.

2.8 SECRETARIES APPRECIATION

The Board is supported in their work by a large number of members in various committees, panels and working groups (refer Section 4 of this report), which is gratefully acknowledged.

Members also represent the IGI with distinction on national and EU committees (GSI and GSNI consultative committees; Geology in EIS working group; National working group on Pyrite in engineering fill; PERC; EFG; etc). Members also contribute to the delivery of IGI training courses and workshops, and otherwise supporting the Board, this too is acknowledged. All Board Members attend meetings in their own time and at their own expense and indeed give their time freely to the IGI.

On behalf of IGI, I would like to gratefully acknowledge the support of Arup, SLR Consulting and the GSI in providing the Board meeting venue during the year.

My role as Honorary Secretary is greatly assisted through the efforts of the IGI office staff, Susan Pyne & Ethel Stringer respectively, for which I am grateful.

The major issues coming before the Board in 2014/ 2015 are presented in the President’s Report in Section 1 above; however, as Honorary Secretary, and in relation to the business of the Board, there are a couple of further issues that merit mention. The committee and the IGI office spend a great deal of time dealing with matters associated with Members who do not submit their annual subscriptions and/or their CPD records. As outlined above in this section Members must address their professional responsibilities in a timely fashion, not only as a professional necessity but also to ensure that they are members in good standing, and as a courtesy to your colleagues who volunteer to administer the Institute. If the current situation regarding subscriptions and CPD records continues the Board will be forced to take measures to ensure the professional and financial viability of the Institute on behalf of its members.

EurGeol Dr. Peter Glanville PGeo

Honorary Secretary, May 2015

3 HON. TREASURER'S REPORT

A copy of the 2013 Financial Statement for the IGI as prepared by Kieran Ryan & Co, Chartered Accountants and Registered Auditors, is attached to the Annual Report. This is the fourth year Kieran Ryan & Co. has audited the Institute's accounts and prepared its financial statement. The 2014 Financial Statement is currently being prepared by Kieran Ryan & Co, Chartered Accountants.

The financial statement reflects the Institute's financial position in the years 2013 to the 31st of December 2014.

Review 2013

Following on from a deficit of €1,033 between its income and expenditure in 2012 the IGI again experienced a further deficit of €9,437 for 2013.

This significant deterioration of finances is a result of a substantial rise in expenses. Compared to the previous year income in fact rose by 21% to €40,831 however, the rise in expenses was even greater at 34%, increasing from €33,411 for 2012 to €50,430 for 2013. This rise in expenses was mostly the result of new costs for rent along with large increases in conference, publication, printing and website and computer costs.

The proposed budget for 2014 tried to recognise that some of these costs are essential to the running of the IGI in its current format i.e. rent, websites cost however, better cost controls could be applied to conference and printing costs.

Review 2014

The IGI saw its first surplus since 2011 with a positive balance of €2,540.74 for 2014. This was due to an increase in income for 2014 rising to €49,741.50 costs were also stabilized falling to €47,200.76. It should however, be noted that a sum of €4,000 was received from the EPA in respect of sponsorship of printing for the EIS Guidelines produced in 2013. This figure should have been included within the accounts for 2013 but late payment, puts this sum into accounts for 2014 inflating the income for this year. Discounting this one off payment, the IGI would still be running a deficit for the year.

With the on-going financial difficulties the Board decided that it was necessary to increase income for 2015 and future years to meet the increased cost now faced by the Institute over the last few years. With this in mind an EGM was held with a proposal to increase subscription fees for the coming year.

EGM 2014

Based on losses experienced by the IGI during 2012 (€1,033.00) and 2013 (€10,806.00) resulting in a net deficit of €11,839 it was decided by the board that it would be necessary to raise membership fees for the coming year (2015). This would hopefully allow the IGI to balance its books in the light of increased running costs experienced by the Institute.

An EGM was held on the 11th November 2014 and proposed to raise membership subscriptions from;

Professional Member	€145
EuroGeol	€28
Associate Member	€35
Member in Training	€35
Retired Member	€35

To;

Professional Member	€175
EuroGeol	€30
Associate Member	€40
Member in Training	€40
Retired Member	€40

Application fees are to remain the same.

These fee increases were calculated to allow the IGI to cover its increased annual running costs and extended services offered. The aim of the IGI is not to make money but to be self-financing, which requires prudent management of the member's fees.

The motion regarding the proposed fee increase was passed unanimously at the EGM.

2015

The 2015 budget aims to meet the Institute's day to day running costs from membership subscriptions and application fees. The budget predicts a slight fall in income from 2014 levels of €49,741.50 to €46,765.00. This is a little anomalous in the light of an increase in subscription fees and increasing membership, however, this can be explained by the one off sponsorship payment by the EPA of €4,000 for printing pain in 2014 but relating to works carried out in 2013 along with reduced income from planned courses. Expenses for the year are based on those for 2014 with a planned total of €46,560.

This would leave a slight surplus of €205.00 for the year.

The budget for the calendar year 2015 was approved at a Board meeting held on the 20th April 2015.

The Board will work assiduously to continue to balance income and incurred expenses through cost controls and increased income via courses and increased membership numbers.

Dr. Jim Hogson PGeo

Hon. Treasurer, May 2015

4 IGI COMMITTEE / WORKING GROUP REPORTS

Volunteers for each of the following IGI Committees are always welcome, so if you would like to participate, please contact the Honorary Secretary, or any Board Member.

4.1 VALIDATION COMMITTEE

The Validation Committee held four validation interview sessions since the last AGM held in May 2014.

On the 6th August 2014 a panel comprising Morgan Burke, Mark Conroy and Eibhlin Doyle interviewed two candidates:

- i) **James Stratford**
- ii) **Cian O’Hora**

Both candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists.

On the 27th August 2014 a panel comprising Morgan Burke, Mark Conroy and Kevin Cullen interviewed four candidates:

- i) **Gregg Zwiers**
- ii) **Criona Doyle**
- iii) **Niamh Rogan**
- iv) **John Lawlor**

The four candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists.

On the 1st October 2014 a panel comprising Morgan Burke, Mark Conroy and Kevin Cullen interviewed three candidates:

- i) **Michael Watson**
- ii) **Donal Crean**
- iii) **Conor Quinlan**

On the same evening an interview panel comprising Morgan Burke, Kevin Cullen and Sean Finlay interviewed one other candidate:

- iv) **Michael Gill**

All four candidates met the required educational and technical criteria and were recommended by the respective interviewing panels for acceptance as Professional Geologists.

On the 27th January 2015 a panel comprising Morgan Burke, Gerry Stanley and Dave Blaney interviewed six candidates. Five of these candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. :

- i) **Bernadette Azzie**
- ii) **Caoimhe Peat**
- iii) **Jon Hunt**
- iv) **Emer Blackwell**

v) James McCusker

However, the interviewing panel considered that another candidate did not meet the criteria for professional membership and recommended that the candidate join the MIT category for a period of time, before reapplying to the IGI to become a Professional Geologist.

The Validation Committee recommended **Niall Mitchell** for acceptance as a Professional Geologist on the *15th January 2015*. Niall had previously been interviewed by a panel comprising Morgan Burke, Mark Conroy and Kevin Cullen with final recommendation for award of the PGeo title held pending completion of a Geoscience Masters Degree to satisfy the education entry criteria.

The Validation Committee has also recommended the re-admission of two resigned Members as Professional Geologists in 2014.

i) Malcolm Fitzell**ii) Stephen Mandel**

Both candidates had previously met the required education and technical criteria for acceptance as a Professional Geologist and had continued to work in geosciences since the time of their resignations.

Seven applicants for the MIT category were approved during the past year:

i) Orla McKenna**ii) Keyla Carolina Ramirez Loaiza****iii) Martha Buckwalter-Davis****iv) Hugh O'Leary****v) Shane Lavery****vi) Alison Orr****vii) Stephen Kealy**

The mix and competence of candidates interviewed and assessed in the past year has demonstrated the varied disciplines in the IGI, extending from minerals geology, to hydrogeology, to environmental geology. The elected candidates are a welcome addition to the collective experience of IGI Members.

EurGeol Morgan Burke PGeo

Chair of the Validation Committee

4.2 CONTINUING PROFESSIONAL DEVELOPMENT

The IGI's standing in the international geological community is very much dependant on the rigor and completeness of our Continuing Professional Development process. Our CPD process has been closely scrutinised by all the professional bodies abroad with which we have mutual recognition agreements and was found to be sound, most recently through our successfully negotiated MRA with Geoscientists Canada. Mutual recognition is one criterion by which we may judge our process; another criterion is how our members find it.

The only method of judging how our Members find the process is by noting how quickly the annual CPD returns come in and in the CPD Audit carried out on a random 25% of the returns. The audit group will complete the CPD audits in 2015 .

The majority of our Members submit their returns for each year by the end of February of the following year as required by our rules. As I write this report at the end of April 2015, we have received not received a total of 65 CPD returns for 2014 which is approximately 35% of the professional membership. The deadline for CPD returns was set at the end of February in order to give members ample time to prepare and return their CPD forms for the previous year, along with the annual subscriptions and to make the administration of the institute easier. The absence of over a third of the members CPD returns four months into the year is unacceptable.

We will need to consider delisting members who are not in good standing with the Institute and this will be an immediate action for the incoming committee.

The CPD audit carried out each year on a random 25% of the returns is an absolutely necessary part of the process and is a requirement by other bodies for mutual recognition. The Audit committee is composed of two senior figures in the profession but from different specialities, for instance this year's committee is composed of a hydrogeologist and a minerals geologist. In the main it appears the CPD returns are being completed correctly and fairly; thus, only one Member will need to be contacted and asked to improve their submission.

Thank you for your collaboration in this matter of CPD; it fundamentally underpins the integrity of the **PGeo** title conferred on professional Members of the IGI.

**EurGeol Catherine Buckley PGeo and
EurGeol Peter Glanville PGeo**

4.3 CONTINUING PROFESSIONAL DEVELOPMENT COURSES

As part of the IGI's commitment to Continuing Professional Development, three technical courses were held in 2014, which are summarised below. Relevant course presentations are available on the IGI website at <http://www.igi.ie/cpd-and-training.htm>. Further workshops and courses, to address the CPD needs of Members, are planned through 2015-16. The details will be circulated in due course.

DRILLING TECHNIQUES & OPERATIONS

The IGI is organised a one day seminar on drilling techniques and drilling rig site operations which was held on Friday the 3rd October 2014 in the Newpark Hotel, Kilkenny. There were 36 participants on the seminar was split into a half day of presentations by experts on the principles of groundwater, mineral exploration, geotechnical and environmental drilling operations and half a day field visit for the practical demonstration of drilling rig operations, site set up and challenges, to provide an understanding of the role of geologists overseeing drilling operations. The course was specifically aimed at graduate geologists and IGI Members who wish to gain greater experience.

The first presentation 'Water Well Drilling' was by David Ball who is an expert hydrogeologist particularly in the field of groundwater supply well drilling with extensive experience in Ireland and internationally. David introduced the objectives and practical considerations of drilling for the inexperienced geologist. The presentation included a video demonstrating of a water well drilling operation. His presentation covered a brief part of site selection and well design and well completion, drilling and casing & grouting the overburden and bedrock sections - what to look out for and how to manage encountered ground conditions when drilling groundwater boreholes. A short section on air lift pumping and initial yield estimation was also covered.

The second presentation 'Site Investigations' was presented by Stephen Letch from Site Investigation Ltd and provided an introduction to geotechnical drilling techniques for site investigation projects. The methods presented by Stephen included cable percussive drilling and associated testing, rotary core drilling and Geobor S drilling. The presentation outlined the different methods of geotechnical drilling, the associated testing that can be undertaken and an example of the logs that can then be used in the design process for geotechnical investigation and reporting.

The presentation 'Site Investigation at Brownfield Sites' was by Claire Clifford of Malone O'Regan and was an introduction to drilling for site investigations at brownfield sites. The selection and appropriate use of different drilling methods, sampling and constructing monitoring wells appropriate to the site conditions encountered was covered. Also the use of borehole logs for an environmental investigation and how these can be used to inform the Conceptual Site Model was covered with the use of a number of case studies. The importance of the role of the geologist in site investigation was highlighted.

The final presentation 'Mineral Exploration Drilling' by Michael McCarthy of Priority Drilling provided an insight on the company's expertise in surface and underground wireline diamond drilling and directional drilling (Navi-drilling for clients in Ireland, UK, and Western Europe. Michael presented a very interesting case study from Priority's drilling work at the Pallas Green exploration project on how the Navi drilling technique can be used to recover cores from an extensive area utilising a single parent borehole and drill rig set up. This presentation provided useful insight from the perspective of the drilling contractor for geologists involved in drilling projects.

The afternoon session, attendees travelled to Thomastown, Kilkenny for a practical demonstration by Jim Stephenson of JS Drilling, with demonstrations of borehole drilling using the drilling methods discussed in the morning presentations including window sampling and air rotary coring. Despite the rain, there was enthusiastic participation during the practical session which was very informative and provided many of the attendees with their first experience of an operational drilling rig.

The feedback from the seminar indicates there is an interest in further seminars on the specific topics covered in each of the presentations.

EurGeol Claire Clifford PGeo

4.4 ETHICS & DISCIPLINARY COMMITTEES 2014-2015

The Board is happy to report that the Ethics Committee did not receive any complaints, including any that may require a disciplinary response during the year. Neither the Ethics nor Disciplinary Committees met during the year.

The Members of the Ethics Committee are EurGeol Dr. Jonathan Derham PGeo (Chair), EurGeol Dr. John Ashton PGeo and EurGeol Dr. Matthew Parkes PGeo.

The Members of the Disciplinary Committee are EurGeol Dr. Eibhlín Doyle PGeo (Chair), EurGeol Dr. Deirdre Lewis and PGeo EurGeol Nick O'Neill PGeo.

EurGeol Gerry Stanley PGeo

4.5 COMMUNICATIONS

The IGI communicates with its membership throughout the year via the IGI's website www.igi.ie, direct emails from the IGI office and the IGI Newsletter (e-zine).

As well as up-to-date information on news, employment opportunities, upcoming events and training courses, the IGI website also contains copies of all of the IGI's publications. These include a membership directory, IGI codes and guidelines, published papers, past conference presentations and other documents, all available for free download.

Members are encouraged to send any events, activities or positions that they wish to advertise on the website to admin@igi.ie. Geological photographs are also welcome.

The shared '*Calendar of Events*' attempts to create an all-island geoscience calendar to permit more efficient planning and promotion of events, while preventing of clashing field trips/ lectures by different organisations. Full marks must go to Eamonn Kelly for keeping this up-to-date, given the volume of activity across all the geoscience bodies active in Ireland. Please email any advance notices of geo-events/ field trips/ AGMs to ekelly@slrconsulting.com

The PayPal' facility on the IGI website continues to provide efficient payment mechanisms for subscriptions, application fees, course fees etc. electronically via the website. This has also considerably reduced administration time at the office.

Mairead Glennon attended a workshop on behalf of the IGI on engaging with the Oireachtas in April 2015, which outlined mechanisms for bringing IGI's issues of interest to key influencers in government. Representing the interests of members is one of the IGI's roles and from time to time there will be a requirement to make a representation to government in order to inform policy makers on the IGI's viewpoint on relevant issues. Lobbying activity undertaken by the IGI will be in line with the upcoming Regulation of Lobbying Bill 2014, to be enacted this summer.

MG arranged for the IGI's insurance broker Shane Hennelly of Thompson Insurance to give a briefing to consultant geologists at the GSI on 28th April. The briefing was part of a workshop aimed at self employed geologists currently on contract to GSI. The GSI has recently recruited several contractors, many at graduate level or early career stages, and a business workshop was the ideal platform to reach this stakeholder group who promise to play a significant role in Ireland's geoscience sector for years to come. James Hodgson attended and took the opportunity to invite new prospective members to join the IGI.

EurGeol Mairead Glennon PGeo

4.6 PROFESSIONAL INDEMNITY INSURANCE SCHEME FOR MEMBERS and IGN

The IGI has been working in collaboration with Thompson Insurances brokers in the development of an exclusive **Professional Indemnity (PI) insurance scheme** for the IGI Members and affiliated organisations.

The advantage of this block premium are to provide a 'one-stop-shop' for Members' PI needs allowing better negotiation of premium, claims settlements and provide cover enhancements that include:

- non aggregated limit of indemnity (€1m being the standard limit),
- negligence and civil liability wording,
- loss of documents extension,
- pollution extension,
- dishonesty of employees extension,
- libel and slander,
- compensation for court attendance, and
- defence of intellectual property rights.

PI Insurance cover protects a professional person against legal liability to pay damages to clients or persons who have suffered financial loss arising from professional negligence, irrespective of whether this has occurred through negligence, lack of care or skill or through genuine mistake. PI Insurance typically covers the costs of any potential compensation that may arise from a claim, but also the legal costs associated with defending a claim irrespective of whether negligence took place or not.

IGI Members and members of affiliated organisations frequently find it difficult to obtain a quote or secure PI Insurance as a result of the poor understanding of our Members' operational sectors. This leads to elevated premiums or outright refusal to quote from insurance companies. Aside from the increased willingness of clients and persons to seek compensation when they feel the professional advice/ service they have received has not met their expectations, PI insurance cover is now a standard requirement for many international or government agency and local authority contracts.

The IGI's Professional Indemnity insurance scheme for self-employed geologists, administrated by Thompson Insurance, currently insures IGI 12 members. Together with Thompson the IGI developed a proposal form suited to the activities undertaken by geologists in Ireland and has allowed for a more comprehensive understanding of the associated risks to be insured and often cheaper premiums than offered by other brokers. For enquiries please contact shane.hennelly@nti.ie, quoting your IGI membership number.

In 2014 Ric Pasquali and Mairead Glennon successfully established a Public Liability insurance scheme with Thompson Insurance for Irish Geoscience Network affiliate organisations to cover field trip risks. Three organisations (IAH Irish Group, IQUA and Geothermal Association of Ireland) have benefited from lower PL insurance premiums so far and IGN affiliate organisations are invited to express their interest in joining for 2015/2016. Policy renewal comes up in October 2015 but affiliate organisations may join at any time, with the premium calculated on a pro-rata basis. Enquiries to mairiad.glennon@gsi.ie

EurGeol Mairead Glennon PGeo

4.7 THE IGI LANDFILL REGISTER UPDATE -

IGI Register of Professionally Qualified / Competent Persons for Hydrogeological Assessment of Historic Landfill Sites

In September 2012, the Environmental Protection Agency (EPA), in response to evolving EU requirements, sought clarification on the expertise of professionally qualified geoscientists (PGeo) to carry out hydrogeological assessments of historical landfill sites. The IGI, in response, convened an expert Working Group chaired by the President, which canvassed our membership to self-nominate those with the requisite qualifications and experience to be entered to a specialist register of '**Professionally Qualified / Competent Persons to carry out Hydrogeological Assessments at Historical Landfill or Contaminated Sites**' - the so-called **Landfill Register**'.

The EPA and local authorities have been notified of this formal validation process. From 2013, only those who have been so validated and entered to the 'Landfill Register' (see <http://www.igi.ie/cpd-and-training.htm>) and in receipt of an official IGI letter of verification, may work on behalf of the local authorities and EPA in hydrogeological assessment of historical landfill sites in Ireland.

LANDFILL REGISTER UPDATE

The Landfill Register was updated in January / February 2015 for the Environmental Protection Agency. The title of the register has been changed to '*Register of Professionally Qualified Geoscientists / Competent Persons (in respect of environmental risk assessment for regulated and unregulated waste disposal and contaminated land sites)*'.

The register will record the self-nominated specialisms of each person (three specialisms). These specialisms will be those which the person has stated on their application form to the IGI. If they wish to change these they will have to go through a process to change their specialisms

EurGeol Catherine Buckley PGeo

5 REPRESENTATIONS: DELEGATE REPORTS

5.1 EUROPEAN FEDERATION OF GEOLOGISTS

The European Federation of Geologists (EFG) is a non-governmental organization that was established in 1981 and currently includes twentyfour (24) European national associations as members and two associated members American Institute of Professional Geologists (AIPG) and Geoscientists Canada. The IGI Delegates to the EFG for 2014 were Catherine Buckley and Claire Clifford. Marie Fleming (IGI) is chair of the EFG Registration Authority

During 2014, the EFG continued to promote the professional mobility and status of geologists in the twentyfour member states across Europe, through the expanding use and recognition of the EurGeol title, involvement in EU funded projects, making representations to the EU Commission and liaison with other international geological bodies. National and international awareness of the profession is maintained through publication of the *European Geologist* magazine and the EFG newsletter, close liaison with the EU parliament and via its own web site at www.eurogeologists.eu.

The EFG is run by a Council consisting of delegates from all member national associations such as the IGI, from which a 5-member Board is elected. Each member country has one vote at Council Meetings. The current EFG President is Vítor Correia from Portugal. The Council meets twice a year with a Winter Council meeting held in November/December in Brussels and a Summer Council member held in May/June in one of the member countries. The executive authority of the Council is enacted by the Board, which is appointed for a two year term and comprises a President, Vice-President, General Secretary, Treasurer and External Relations Officer. The Board meets four to six times per year, mostly in Brussels, with the day to day business of EFG maintained within the Board by email.

Two meetings of Council in 2014 were as follows:

May/June 2014

Claire Clifford attended the formal Summer Council meeting which was held in Palermo in 30th May and 1st June 2014. Marie Fleming also attended in her capacity with the Registration Authority. A workshop was organized for the days preceding the Council meeting titled "Geologists of Europe in the 3rd Millennium", a fieldtrip was also organised to visit karst and man-made hydrogeological features of Palermo. The main focus of the meeting was on the EFG proposals for EU funded H2020 projects in the geosciences and the EFG involvement in the EU Qualifications Directive regarding the geosciences. Representation from NAs on working groups including the Qualifications Directive, internal regulations and an initiative to promote geology among young people. Two new NAs were elected as members from Poland (PAMAV) and from the Czech Republic (CAEG), with the expulsion of the suspended former member from Czech Republic (UGA). During the meeting Vice – President Nieves Sánchez and Secretary General Domenico Calcaterra were re-elected for another two year term.

November 2014

Gerry Stanley attended the Winter Council meeting in Brussels on the 22nd/23rd November 2014. The Min Win-Win Conference and the PERC endorsed training course were held in the days before Council. The EFG participation in EU funded H2020 projects was again the main focus of the Council meeting, the EFG were successful with four of the six proposals in which the EFG was involved In particular two proposals (INTRAW (raw materials) and KINDRA (hydrogeology Four of the proposals in which the EFG was involved were successful. In particular two proposals (attached – which I received after the EFG Council meeting) INTRAW (raw materials) and KINDRA (groundwater research) are projects where the EFG is now seeking support from the individual national associations.) projects were discussed in which the EFG is seeking support from the individual NAs.

The forthcoming Summer Council Meeting will be held in Newcastle,UK in 13/14th June 2015.This will be preceded by on 11/12th June by a workshop on 'Mining in a Crowded Country' and field.

EurGeol Claire Clifford PGeo

5.2 GSI CONSULTATIVE COMMITTEE

The GSICC normally meets on a six-monthly basis. However, there were no GSI Consultative Committee Meetings during the year. It is not certain if it is intended to continue with the Consultative Committee or not.

EurGeol Gerry Stanley PGeo

5.3 GSNI CONSULTATIVE COMMITTEE

There were no meetings of the GSNI Consultative Committee between May 2014 and May 2015. Dr. John Kelly is the IGI's representative on the Committee and will be in a position to represent the Institute again in the forthcoming year.

EurGeol Peter Glanville PGeo

5.4 IRISH GEOSCIENCE NETWORK

The Irish Geoscience Network (IGN), convened by the IGI, was formed in early 2012 to provide a forum for communication and sharing of ideas and resources for all bodies, organizations and departments involved in the Geosciences. The body has now grown to c. 32 such bodies and meets once a year.

The bodies invited to the Network were:

- Belfast Geologists (BG);
- Dublin Institute for Advanced Studies (DIAS);
- Earth Science Ireland (ESI);
- Exploration and Mining Division (EMD);
- Geophysical Association of Ireland (GAI-GP);
- Geothermal Association of Ireland (GAI-GT);
- Geological Survey of Ireland (GSI);
- Geotechnical Society of Ireland (GSI, a Society of Engineers Ireland);
- Geological Society London (GeoSoc);
- Geological Survey of Northern Ireland (GSNI);
- Geological Heritage; Irish Offshore Operators' Association (IOOA);
- Irish Association for Economic Geology (IAEG);
- International Association for Hydrogeology – Irish Group (IAH);
- Irish Geological Association (IGA);
- Institute of Geologists of Ireland (IGI);
- Irish Mining and Quarrying Society (IMQS);
- Irish Quaternary Association (IQUA);
- Mining Heritage Trust of Ireland (MHTI);
- National Museum of Ireland (NMI);
- National University of Ireland, Galway (NUIG);
- National University of Ireland, Maynooth (NUIM);
- Open University Geological Society (OUGS);
- Petroleum Affairs Division (PAD);
- Raw MatTERS & IFOSTER;
- Royal Irish Academy - Geosciences and Geographical Sciences Committee (RIA);
- Soil Science Society of Ireland (SSSI);
- Speleological Union of Ireland (SUI);
- Trinity College Dublin (TCD);
- University College, Cork (UCC);
- University College, Dublin (UCD);
- University of Limerick (UL); and
- Ulster Museum (UM).

This year's IGN forum discussed matters relating to insurance (Mairead Glennon reported); geoscience research (with presentations from John Walsh on iCRAG and Damaris Fernandez on the Raw Materials KIC); amateur geoscience (Patrick Roycroft made a plea to make presentations more understandable to the lay audience); the IAEG weekend course for students (this year's will be on geophysics); and events planning. Two upcoming anniversaries were noted:

- i) That 2017 will be the bi-centenary of the birth of George Victor du Noyer and it was suggested that a submission be made to An Post for a commemorative stamp; and
- ii) This year is the 50th anniversary of the opening of the Tynagh Mine and the rebirth of the Irish mining industry.

It was suggested that an event be organized to commemorate the latter event along the lines of the recent Geo-gathering. (The minerals related organisations might get together to do this).

The Geo- Calendar of Events http://www.igi.ie/events_calendar.htm is available to assist all members of the Network to plan and where possible to avoid conflicting dates in their events.

EurGeol Gerry Stanley PGeo

5.5 RESOURCE REPORTING PERC AND CRIRSCO1

The PERC (Pan-European Reserves and Resources Reporting Committee) Standard is binding on all Members of its sponsoring bodies (IGI, Geol. Soc. London, IMMM, and EFG), who are Competent Persons in the field of resource reporting. Graham Reid represented the IGI on the PERC Committee at European level and other IGI Members involved include Paul Gordon, John Clifford, Andy Bowden, John Barry, Eibhlín Doyle and Gerry Stanley.

The principal PERC activity during the year was the “MIN-WIN-WIN: Establishing Europe-wide minerals reporting standards – the key to reducing risk and increasing opportunity” conference held in Brussels on 20th & 21st November 2014. The conference was jointly organized by the EFG and PERC.

The conference’s main aim was to promote the adoption of a common reporting standard in the EU to be used both by industry, and governments (national and at the European Community level). The conference was attended by more than 100 delegates including EU policy makers, national government officials, academics, minerals company executives, consultants, finance and industry experts. Keynote speakers included speakers from the European Parliament, the World Bank and leading geosciences organisations.

Reinhard Bütikofer MEP and representative of the German Green party (die Grünen) underlined the crucial necessity for Europe to develop a common Raw Materials Policy, required, as he explained, by the developing economies of countries such as China, Brazil and India. In this context a reliable supply of raw materials is critical for European industry. Mr. Bütikofer called upon the strengthening of cooperation at European level in the field of trade, domestic mining and technological efficiency. In regard to the latter point Mr. Bütikofer emphasized that Europe must be more ambitious in these areas and that the input of geoscientists is most welcome.

In the second session major industry representatives and government officials (including Eibhlín Doyle and John Clifford) highlighted the importance of making quality data available for reporting purposes and presented the PERC standard (the European member of the CRIRSCO reporting standards family) as a common language for reporting in Europe.

The main conclusions that from the conference were summarised by Deborah McCombe (President, CEO and principal geologist at Roscoe Postle Associates Inc. and past Chair of CRIRSCO) during a panel discussion at the end of meeting. In her concluding remarks Ms McCombe highlighted the important role played by professional geoscientists and the importance of peer review.

The organisers and keynote speakers agreed that the broad recognition of the European PERC standard that is based on the international template provided by CRIRSCO, together with the improvement of communication between investors, regulators and industry, and the systematic involvement of Competent Persons for reporting, are crucial for winning the confidence of public institutions and society. In this context, the EFG as a co-sponsor of PERC can play a major role by providing accreditation for qualified persons within its 24 member bodies.

During the year a representation was made to the Board with respect to the misuse of the terms reserves and resources by non-mineral expert geologists. It was decided to set up a committee to draw up a Summary Guide to the PERC Reporting Standard to explain the

terms and their usage. The Committee comprised David Dingemans, Paul Gordon and Andy Bowden with editorial advice provided by Gerry Stanley. In the final analysis all of the work was carried out by David Dingemans and I would like to thank him most sincerely. At the time of writing the Guide was submitted, as a matter of courtesy to PERC for their comment. It is hoped that they will approve the summary so that the guide can be issued to Members as soon as possible.

PERC documents may be viewed at www.perc.com

EurGeol Gerry Stanley PGeo

6 INTERNATIONAL AGREEMENTS

6.1 Mutual Recognition Agreements (MRAs)

The IGI now has six MRAs with the following organisations with their respective country in parentheses:

- i) Australian Institute of Mining and Metallurgy – AusIMM (Australia).
- ii) Geoscientists Canada – GC (Canada).
- iii) European Association of Geoscientists and Engineers – EAGE (International).
- iv) Southern Africa Institute of Mining and Metallurgy – SAIMM and the Geological Society of South Africa – GSSA jointly sponsoring the SAMREC and SAMVAL Committee – SSC (South Africa).
- v) Geological Society of London – GeolSoc (United Kingdom).
- vi) American Institute of Professional Geologists – AIPG (USA).

The importance of maintaining these MRAs, based on continuing professional development (CPD) and ethically good professional practice cannot be overstated, given the international nature of geological practice and the mobility of IGI's membership. During the year our efforts were thanked by several Irish people now working in Canada who have been able to join Geoscientists Canada through the fast-track mechanism afforded by the MoU with GC.

6.2 INTRAW and KINDRA

As mentioned in the President's Report the EFG is involved in two H2020 funded project known as INTRAW and KINDRA.

INTRAW

EFG is the Coordinator of project named INTRAW - International cooperation on Raw materials. This project started in December 2014 and will last for 3 years. INTRAW's aims are the mapping and development of new cooperation opportunities concerning mineral raw materials with Australia, Canada, Japan, South Africa and the United States, addressing:

- i) Research and innovation;
- ii) Raw materials policies and strategies;
- iii) Joint educational and skills programmes;
- iv) Licensing and permitting procedures;
- v) Data reporting systems;
- vi) Exploration, extraction, processing and recycling practices; and
- vii) Management and substitution of Critical Raw Materials.

The outcome of the mapping and knowledge transfer activities will be used as a baseline to set and launch the International Observatory for Raw Materials of the European Union as a definitive raw materials intelligence infrastructure.

The EFG will receive €150,000 from the European Commission to distribute among third parties (including the IGI) contributing to the project goals. IGI's share of this is €4,200. In return IGI has to:

- i) Disseminate information received from EFG concerning INTRAW, through its website, newsletters, magazines, articles, conferences, workshops, educational activities, exhibitions or any other relevant means.
- ii) Provide an annual report of the actual dissemination activities carried out in relation to INTRAW, discriminating the type of activity, its time/duration,

programme, number of individuals reached/attendants, etc., using a template to be provided by EFG.

- iii) If asked by the EFG, submit to the EFG and the European Commission financial reports concerning the costs incurred to implement INTRAW's tasks.

In addition the IGI may be entitled to a contribution if the following actions are carried out:

- i) Provide support to INTRAW interfacing with international cooperation on raw materials structures and initiatives.
- ii) Actively participate in setting bilateral cooperation agreements under INTRAW's scope.
- iii) Respond to INTRAW queries concerning mineral raw materials supply chains and industry and trade stakeholders.

KINDRA

EFG is a partner in the Università Degli Studi Di Roma La Sapienza led project Knowledge Inventory for Hydrogeology Research (KINDRA). This project started in January 2015 and will last for 3 years. KINDRA's aims are:

- i) To create a uniform EU-harmonised categorisation approach / terminology for reporting groundwater research (a Hydrogeological Research Classification System – HRC-SYS);
- ii) Carry out EU-wide assessment of existing practical and scientific knowledge (using the developed HRC-SYS) focusing on EU, national, regional, international and EU-third party scientific activities;
- iii) Create a European Inventory of Groundwater Research and Innovation;
- iv) Use the data in the register and in the developed analytical tools (qualitative/quantitative) to assess the performance of key ongoing EU, national, regional, international and EU-third party hydrogeological scientific and innovation activities and results;
- v) Compare the results with existing recommendations and position papers on groundwater related research requirements; and
- vi) Define research gaps and corresponding suggestions for research agendas.

The EFG will receive 220.000€ from the European Commission to distribute among third parties (including the IGI) contributing to the project goals. IGI's share of this is €7,700. In return IGI has to:

- i) Gather national information concerning hydrogeology from diverse sources, such as government bodies, universities, research centers, regional authorities and map existing practical and scientific knowledge, using KINDRA's Hydrogeological Research Classification System in English provided by EFG.
- ii) Organize a national workshop on hydrogeology to discuss KINDRA outcomes.
- iii) Provide annual reports on KINDRA's activities, discriminating the type of activity, its time/duration, outcomes, etc., using the template provided by EFG.
- iv) When asked by EFG, submit to EFG and the European Commission financial reports concerning the costs incurred to implement KINDRA's tasks.

In addition the IGI may be entitled to a contribution if the following actions are carried out:

- i) Detailed, in depth mapping of practical and scientific knowledge concerning

hydrogeology, providing advice and support to the development of KINDRA Hydrogeological Research Classification System;

- ii) Dissemination of the information received from EFG concerning KINDRA, in newsletters, magazines, articles, conferences, workshops, educational activities, exhibitions or any other relevant means.

EurGeol Gerry Stanley PGeo

7 NOTICE OF ANNUAL GENERAL MEETING

Notice is hereby given that the Annual General Meeting of the Institute of Geologists of Ireland Limited will be held at 7.00 p.m. Tuesday 26th May 2015 at the IGI Offices, No. 63 Merrion Square for the following purposes:

- i)** To receive and consider the Directors' Reports.
- ii)** To receive and consider the Audited Accounts for year ended December 31st 2013.
- iii)** To consider, and if though fit, to amend the Articles of Association of the Institute.
- iv)** To elect Directors.
- v)** To transact any other ordinary business of the Annual General Meeting.

By Order of the Board

Dr. Peter Glanville Honorary Secretary

Dated April 14th 2015

8 NOMINATIONS FOR DIRECTORS

The Nominations Committee, under the Chair of Dr Deirdre Lewis (immediate Past-President), has presented the following list of candidates to stand for election at the forthcoming Annual General Meeting on 26th May 2015.

Executive Directors:

President:	EurGeol Marie Fleming PGeo	(1 st year of 2 year term)
Vice-President:	Dr. Jim Hogson PGeo	(1 st year of 2 year term)
Treasurer:	EurGeol Catherine Buckley PGeo	(1 st year of 2 year term)
Secretary:	EurGeol Dr. Peter Glanville PGeo	(2 nd year of 2 year term)

Non-Executive Directors:

Mairead Glennon PGeo	(3 rd Year as a Board Member)
EurGeol Claire Clifford PGeo	(2 nd Year as a Board Member)
EurGeol Dr. Billy O'Keefe PGeo	(2 nd Year as a Board Member)
EurGeol Dave Blaney PGeo	(1 st Year as a Board Member)
EurGeol Dr. Henning Moe PGeo	(1 st Year as a Board Member)
EurGeol Vaughan Williams PGeo	(1 st Year as a Board Member)

NOMINATIONS COMMITTEE (*Comprising Past Presidents*)

EurGeol Dr. Deirdre Lewis PGeo (Chair)
 EurGeol Dr. John Kelly PGeo
 EurGeol Kevin Cullen PGeo
 EurGeol Gareth Ll. Jones, PGeo
 EurGeol Dr. Eibhlín Doyle PGeo
 EurGeol Peter O'Connor PGeo
 EurGeol John Clifford PGeo

No additional nominations to those above made by the Nominations Committee were received by the IGI Secretary by the deadline of Monday 13th April 2015.

9 IGI CORPORATE STRUCTURE

IGI OFFICE	<i>63 Merrion Square Dublin 2</i>
WEBSITE	www.igi.ie
ADMINISTRATIVE	Ms. Susan Pyne (admin@igi.ie)
ACCOUNTS	Ms. Ethel Stringer
WEBMASTER	Mr. Eamonn Kelly (ekelly@slrconsulting.com)
AUDITORS	Kieran Ryan & Co. Chartered Accountants and Registered Auditors 20 Upper Mount Street, Dublin 2
BANKERS	Bank of Ireland, College Green, Dublin 2
IGI REGISTERED OFFICE	6 Northbrook Road, Dublin 6
COMPANY NUMBER	31440
CHARITY NUMBER	CHY 13580
REGISTERED CHARITY NUMBER	20042721

IGI Board Members (2014-2015: Outgoing)

Executive Directors

President:	EurGeol Gerard Stanley, PGeo
Vice President:	EurGeol Marie Fleming, PGeo
Secretary:	EurGeol Dr. Peter Glanville, PGeo
Treasurer:	Dr. Jim Hogson, PGeo

Non-Executive Directors:

PGeo EurGeol Catherine Buckley,
 PGeo EurGeol Claire Clifford,
 PGeo EurGeol Dr. Marie Cowan
 PGeo EurGeol Mairead Glennon
 PGeo EurGeol Graham Reid
 PGeo EurGeol Dr. Billy O'Keefe

EFG National Licensed Body

The IGI is licensed by the European Federation of Geologists to award the professional title of European Geologist (EurGeol)

Standing Committees (2014-2015)

Ethics Committee

EurGeol Dr. Jonathan Derham, PGeo (Chair)

EurGeol Dr. John Ashton, PGeo

EurGeol Dr. Matthew Parkes, PGeo

Disciplinary Committee

EurGeol Dr. Eibhlín Doyle PGeo (Chair)

EurGeol Dr. Deirdre Lewis PGeo

EurGeol Nick O'Neill, PGeo

Validation Committee

EurGeol Morgan Burke PGeo (Chair)

EurGeol Mark Conroy PGeo

EurGeol David Blaney PGeo

EurGeol Kevin Cullen PGeo

EurGeol Sean Finlay PGeo

CPD Audit Committee

EurGeol Catherine Buckley PGeo (Chair)

IGI Representation on Geoscience Bodies**Organisation****IGI Representative**

European Federation of Geologists

EurGeol Catherine Buckley PGeo and EurGeol
Claire Clifford PGeo

GSI Consultative Committee

EurGeol Marie Fleming PGeo

GSNI Consultative Committee

EurGeol Dr. John Kelly PGeo

Founding Sponsoring Bodies

The IGI was established in 1999 with the support of the following sponsoring bodies:

The Irish Association for Economic Geology

www.iaeg.org

The Geophysical Association of Ireland

www.gai.ie

The International Association of Hydrogeologists (Irish Group)

www.iahireland.org

The Irish Mining and Quarrying Society

www.imqs.ie

The Geotechnical Society of the Institution of Engineers of Ireland

www.iei.ie**Affiliated Bodies**

The Geothermal Association of Ireland

www.geothermalassociation.ie**Bodies with Reciprocal Links and/or Co-Operation Agreements**

American Institute of Professional Geologists

Australian Institute of Mining & Metallurgy (JORC Committee)

Geological Society of London

Geoscientists Canada

Geological Society of South Africa.

South African Institute of Mining & Metallurgy (SAMREC Committee)

European Association of Geoscientists and Engineers

Bodies Recognising PGeo (or mutually recognised equivalent)**Ireland**

Exploration and Mining Division, DCMNR - required for prospecting licence work reports

Environmental Protection Agency - preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites

Department of Education and Skills - preferred for professional work and reports

An Bord Pleanála preferred for professional work and reports

Local Authorities - preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites

Stock Exchanges

Ireland, Dublin

Stock Exchange UK,

London Stock Exchange

Australian Stock Exchange

Canadian Securities Administrators

South Africa, JSE Securities Exchange

10 AUDITOR'S REPORT FOR 2013

Registration number 314400

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

DIRECTORS' REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2013

Kieran Ryan & Co.
Chartered Accountants
& Registered Auditors
20 Upper Mount Street
Dublin 2

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

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INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

COMPANY INFORMATION

Directors	Gerard Stanley Jonathan Derham Paul Gordon Marie Fleming Deirdre Lewis Barry Balding	(Appointed 21 May 2013) (Appointed 21 May 2013) (Resigned 21 May 2013) (Resigned 21 May 2013)
Secretary	Jonathan Derham	
Company Number	314400	
Registered Office	20 Upper Mount Street Dublin 2	
Auditors	Kieran Ryan & Co. Chartered Accountants & Registered Auditors 20 Upper Mount Street Dublin 2	
Business Address	The Institute of Geologists of Ireland 63 Merrion Square Dublin 2	
Bankers	Bank of Ireland College Green Dublin 2	
Solicitors	Hayes Solicitors Lavery House Earlsfort Terrace Dublin 2	
Charity Number	13580	

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

DIRECTORS' REPORT
FOR THE YEAR ENDED 31 DECEMBER 2013

The directors present their report and the audited financial statements for the year ended 31 December 2013.

Principal Activity

The principal activity of the company is to promote and advance the science of geology and its professional application in all disciplines and to facilitate exchange of information and ideas in relation thereto.

Results and Dividends

The (deficit)/surplus for the year amounted to €(9,437) (2012 €(352)).

Principal Risks and Uncertainties

The principal risks and uncertainties facing the company is that of non payment of membership fees.

Future Developments

The directors do not envisage any substantial change to the nature of the company.

Important Events since the Year End

There have been no important events since the year end.

Directors of the Company

The directors of the company are set out under company information.

Books of Account

The directors believe they have complied with the requirements of Section 202, Companies Act, 1990, with regard to books of account by employing personnel with appropriate expertise and by providing adequate resources to the financial function. The books of account of the company are maintained at Department of Geology, University College Dublin, Dublin 2.

Auditors

The auditors, Kieran Ryan & Co., Chartered Accountants & Registered Auditors, have indicated their willingness to continue in office in accordance with the provisions of Section 160(2) of the Companies Act, 1963.

Signed on behalf of the Board :

)	
Gerard Stanley)	
)	
)	Directors
)	
Paul Gordon)	
)	

Date : 21st May 2014

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

STATEMENT OF DIRECTORS' RESPONSIBILITIES

The directors are responsible for preparing the Annual Report and the financial statements in accordance with applicable Irish law and Generally Accepted Accounting Practice in Ireland including the accounting standards issued by the Accounting Standards Board and published by the Auditing Practices Board in the UK and Ireland.

Irish company law requires the directors to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the company and of the surplus or deficit of the company for that year.

In preparing those financial statements, the directors are required to :

- select suitable accounting policies and then apply them consistently
- make judgements and estimates that are reasonable and prudent
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business.

The directors confirm that they have complied with the above requirements in preparing the financial statements.

The directors are responsible for keeping proper books of account which disclose with reasonable accuracy at any time the financial position of the company and to enable them to ensure the financial statements are prepared in accordance with accounting standards generally accepted in Ireland and with Irish statute comprising the Companies Acts 1963 to 2013 and all Regulations to be construed as one with those Acts. They are responsible for ensuring that the company otherwise complies with the provisions of those Acts relating to financial statements in so far as they are applicable to the company.

They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Where financial statements are to be published on the web, the directors are responsible for the maintenance and integrity of the corporate and financial information included on the company's website.

Signed on behalf of the Board :

Gerard Stanley)	
)	
)	
)	Directors
)	
Paul Gordon)	
)	

Date : 21st May 2014

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS
OF INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED

We have audited the financial statements of Institute of Geologists of Ireland Limited for the year ended 31 December 2013 which comprise the income and expenditure account, the balance sheet, the cash flow statement and the related notes. The financial reporting framework that has been applied in their preparation is Irish law and accounting standards issued by the Financial Reporting Council and promulgated by the Institute of Chartered Accountants in Ireland (Generally Accepted Accounting Practice in Ireland).

This report is made solely to the company's members, as a body, in accordance with Section 193 of the Companies Act, 1990. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company and the company's members as a body, for our audit work, for this report, or for the opinions we have formed.

Respective responsibilities of directors and auditors

As explained more fully in the Statement of Directors' Responsibilities, set out on page 3, the directors are responsible for the preparation of the financial statements giving a true and fair view. Our responsibility is to audit and express an opinion on the financial statements in accordance with Irish law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

We report to you our opinion as to whether the financial statements give a true and fair view in accordance with Generally Accepted Accounting Practice in Ireland and are properly prepared in accordance with the Companies Acts 1963 to 2013. We also report to you whether in our opinion: proper books of account have been kept by the company; and whether the information given in the Directors' Report is consistent with the financial statements. In addition, we state whether we have obtained all the information and explanations necessary for the purposes of our audit and whether the company's balance sheet and its income and expenditure account are in agreement with the books of account.

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the company's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the directors; and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the Directors' Report to identify material inconsistencies with the audited financial statements and to identify any information that is apparently materially incorrect based on, or materially inconsistent with, the knowledge acquired by us in the course of performing the audit. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion, the financial statements:

- give a true and fair view in accordance with Generally Accepted Accounting Practice in Ireland of the state of the company's affairs as at 31 December 2013 and of its profit(loss) for the year then ended; and
- have been properly prepared in accordance with the requirements of the Companies Acts 1963 to 2013

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS
OF INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED (CONTINUED)

Matters on which we are required to report by the Companies Acts 1963 to 2013

We have obtained all the information and explanations which we consider necessary for the purposes of our audit.

In our opinion, proper books of account have been kept by the company.

The financial statements are in agreement with the books of account.

In our opinion, the information given in the Directors' Report is consistent with the financial statements.

The net assets of the company, as stated in the balance sheet, are more than half of the amount of its called up share capital and, in our opinion, on that basis there did exist at 31 December 2013 a financial situation which under Section 40 (1) of the Companies (Amendment) Act, 1983, would require the convening of an extraordinary general meeting of the company.

Matters on which we are required to report by exception

We have nothing to report in respect of the provisions in the Companies Acts 1963 to 2013 which require us to report to you if, in our opinion the disclosures of directors remuneration and transactions specified by law are not made.

Alice Barnes
for and on behalf of
Kieran Ryan & Co.
Chartered Accountants
& Registered Auditors
20 Upper Mount Street
Dublin 2

Date : 21st May 2014

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 DECEMBER 2013

Continuing operations			
	Notes	2013	2012
		€	€
Income	2	40,831	32,378
Expenses		(50,430)	(33,411)
(Deficit)/surplus of income over expenditure	3	(9,599)	(1,033)
Other interest receivable and similar income	4	162	681
Retained (deficit)/surplus for the year		(9,437)	(352)
Retained surplus brought forward		52,614	52,966
Retained surplus carried forward		43,177	52,614

A separate statement of Total Recognised Gains and Losses is not required, as there are no gains or losses other than those reflected in the Income and Expenditure Account.

The financial statements were approved by the Board on 21st May 2014 and signed on its behalf by :

Gerard Stanley
 Director

Paul Gordon
 Director

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

BALANCE SHEET
AS AT 31 DECEMBER 2013

	Notes	2013 €	2013 €	2012 €	2012 €
Fixed Assets					
Tangible assets	5		225		609
Current Assets					
Debtors	6	4,316		1,297	
Cash at bank and in hand		49,501		60,007	
		<u>53,817</u>		<u>61,304</u>	
Creditors: amounts falling due within one year	7	(10,865)		(9,299)	
		<u> </u>		<u> </u>	
Net Current Assets			<u>42,952</u>		<u>52,005</u>
Total Assets less Current Liabilities			<u>43,177</u>		<u>52,614</u>
Represented by:					
Income and expenditure account			<u>43,177</u>		<u>52,614</u>
Members' Funds	8		<u>43,177</u>		<u>52,614</u>

The financial statements were approved by the Board on 21st May 2014 and signed on its behalf by :

Gerard Stanley
Director

Paul Gordon
Director

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

CASH FLOW STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2013

	Notes	2013 €	2012 €
<u>Reconciliation of Operating surplus to Net Cash Outflow from Operating Activities</u>			
Operating (deficit)/surplus		(9,599)	(1,033)
Depreciation		384	384
(Increase) in debtors		(3,019)	431
(Decrease) in creditors		(4,262)	6,105
Net cash inflow/(outflow) from operating activities		(16,496)	5,887
 <u>Cash Flow Statement</u>			
Net cash inflow/(outflow) from operating activities		(16,496)	5,887
Returns on investments and servicing of finance	9	162	681
Increase in cash in the year		(16,334)	6,568
 <u>Reconciliation of Net Cash Flow to Movement in Net Debt</u>			
Increase in cash in the year		(16,334)	6,568
Net funds at 1 January 2013		60,007	53,439
Net funds at 31 December 2013		43,673	60,007

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2013

..... continued

5. Tangible Fixed Assets

	Computer equipment	Total
	€	€
Cost		
At 1 January 2013	1,153	1,153
At 31 December 2013	<u>1,153</u>	<u>1,153</u>
Depreciation		
At 1 January 2013	544	544
Charge for the year	384	384
At 31 December 2013	<u>928</u>	<u>928</u>
Net book values		
At 31 December 2013	<u>225</u>	<u>225</u>
At 31 December 2012	<u>609</u>	<u>609</u>

6. Debtors

	2013	2012
	€	€
Trade debtors	3,656	327
Prepayments	660	970
	<u>4,316</u>	<u>1,297</u>

7. Creditors: amounts falling due within one year

	2013	2012
	€	€
Bank overdraft	5,828	-
Trade creditors	-	4,579
Accruals and deferred income	5,037	4,720
	<u>10,865</u>	<u>9,299</u>

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2013

..... continued

8. Reconciliation of Movements in Members' Funds	2013	2012
	€	€
(Deficit)/surplus for the year	(9,437)	(352)
Opening members' funds	52,614	52,966
Closing members' funds	<u>43,177</u>	<u>52,614</u>

9. Gross Cash Flows	2013	2012
	€	€
Returns on investments and servicing of finance		
Interest received	<u>162</u>	<u>681</u>

10. Analysis of Changes in Net funds	Opening balance	Cash flows	Closing balance
	€	€	€
Cash at bank and in hand	60,007	(10,506)	49,501
Overdrafts	-	(5,828)	(5,828)
	<u>60,007</u>	<u>(16,334)</u>	<u>43,673</u>
Net funds	<u>60,007</u>	<u>(16,334)</u>	<u>43,673</u>

11. Ultimate Controlling Party

The ultimate controlling parties of the company are the members of the organisation.

12. Company Limited by Guarantee

Every member of the company undertakes to contribute to the assets of the company, in the event of the same being wound up while he is a member or within one year after he ceases being a member, for a payment of the debt and liabilities of the company contracted before he ceases to be a member, and of the costs, charges and expenses of winding up, and for the adjustment of the rights of the contributories among themselves, such amount as may be required not exceeding €1.27.

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

THE FOLLOWING PAGES DO NOT FORM PART OF THE STATUTORY FINANCIAL STATEMENTS

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

DETAILED TRADING PROFIT AND LOSS ACCOUNT
FOR THE YEAR ENDED 31 DECEMBER 2013

	2013	2013	2012	2012
	€	€	€	€
Income		40,831		32,378
Expenses	50,430		33,411	
		<u>(50,430)</u>		<u>(33,411)</u>
Surplus of income over expenditure		(9,599)		(1,033)
Other income and expenses				
Interest receivable				
Bank deposit interest	162		681	
		<u>162</u>		<u>681</u>
(Deficit)/surplus for the year		<u><u>(9,437)</u></u>		<u><u>(352)</u></u>

INSTITUTE OF GEOLOGISTS OF IRELAND LIMITED
(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

INCOME AND EXPENSES
FOR THE YEAR ENDED 31 DECEMBER 2013

	2013	2012
	€	€
Income		
Professional member subscription	20,815	19,919
Member MIT subscription	700	595
Member retired	175	140
Member MIT application	205	130
European geologists application fee	1,130	1,327
Sponsorship	-	-
European geologists membership subscription	3,927	4,561
Courses	8,974	4,800
Advertising	-	-
Other income	4,905	906
	40,831	32,378
	40,831	32,378
Expenses		
Staff training	-	235
Conference costs	10,857	4,579
Courses	1,607	1,627
Insurance	976	1,174
Rent	1,600	-
Mail and secretarial	324	334
Publications and printing	5,554	130
Telephone	500	-
Website and computer costs	4,805	1,134
European Federation of Geologists expenses	2,385	2,857
European Federation of Geologists subscriptions	3,764	1,083
Travelling and entertainment	18	160
Consultancy fees	12,405	14,200
Audit fees	2,460	2,500
Bank charges	671	878
General expenses	2,120	2,136
Depreciation on computer equipment	384	384
	50,430	33,411
	50,430	33,411