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GEOSCIENTISTS
NOVA SCOTIA

GeoGazette

Fall 2015 Volume V Issue III

Inside this issue:

New FGC Awards 1

Work Experience Diaries 2-3

Professional Development Opportunities 3

Guide to CPD Program 4-5

Workshop on Social Licensing and Community Engagement 5

Executive Director's Report 6-7

Geoscientists Canada Directors Report 8

Geo-Travels 9-11

Registrars Report 12

New Fellow of Geoscientists of Canada Awards Presented

On Thursday November 19, 2015, Geoscientists Nova Scotia hosted an awards reception at the Dalhousie University Club to honour the recipients of the Fellow of Geoscientists Canada (FGC) awards.

The FGC award was created by Geoscientists Canada in 2013 as a way to honour individuals who have given noteworthy service to the geoscience profession. Nominations are presented by the Association and elected to the fellowship by the Board of Directors of Geoscientists Canada.

From left to right: Diane Webber, P.Geo. FGC, Scott McCarthy, P.Geo, FGC and Chrystal Kennedy, P.Geo, FGC

The 2015 FGC awards were presented to, Scott McCarthy, P.Geo, FGC, as past-President of the Association, and to Diane Webber, P.Geo, FGC, who has served on Council, the Admissions Board, the Professional Development Committee, and the Mining and Minerals Committee, (a much appreciated, cumulative and progressive list of contributions). The FGC award was also presented to Chrystal Kennedy, P.Geo, FGC, as a past-President who was nominated and elected in 2013, however she was unavailable to attend the previous presentations.

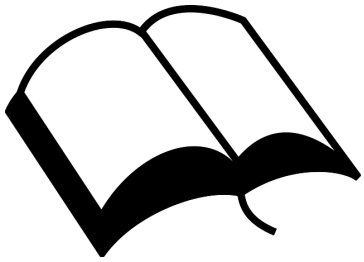
The FGC award is an indication of their service to the geoscience profession and to the Association is very much appreciated by their peers. By bestowing this honour, they have the privilege of using the designation "Fellow of Geoscientists Canada" and "FGC".

The awards were presented by Jeff Parks, P.Geo, FGC, Geoscientist Canada Director, with assistance from Paul Batson, P.Geo, APGNS President, and Don James, P.Geo, Executive Director of the Nova Scotia Department of Natural Resources (DNR). In addition to members of APGNS Council and a number of past-Presidents, DNR Minister Zack Churchill and Deputy Minister Frank Dunn attended the reception.

Work Experience Diaries

Theresa Rushton, P.Geo, FGC

*How seriously do you take diary submissions as a requirement to becoming a registered Professional Geoscientist? Are they **just one more thing** you have to do or, or, do you consider them to be an important means of reflecting your experience and growth as your career evolves?*



Well, let me tell you that we, the Admissions Board (AB) take them very seriously; seriously enough to prepare this article so please read on!

First, some background information that you may or may not be aware of. Professional geoscience registration involves five primary components:

1. completion of specific academic training; (as defined in the *Geoscience Knowledge and Experience Requirements for Professional Registration in Canada* – the GKE);
2. documentation of a minimum of 48 months of cumulative and progressive geoscience work experience through work experience diaries;
3. confirmation of good character and professional experience by at least 4 professional references;
4. demonstration of language competence, (both written and oral); and
5. successful completion of the National Professional Practice Exam (the NPPE).

The academic requirements, the character and professional references, as well as the language requirements and the NPPE are clearly documented. They are generally applied consistently within all Canadian constituencies. On the other hand, the means of demonstrating relevant geoscience experience is less well defined, in part, due to the absence of a national guideline. The AB, which is responsible for both assessing file applications and reviewing experience, directs successful Member-in-Training (MIT) applicants to submit up to four years of diaries documenting progressive and cumulative experience prior to granting full membership as a professional geoscientist. A maximum of 12 months experience, obtained prior to completion of the academic requirements, may be included in the 48 months providing the experience is relevant.

Moving on to the crux of the matter. To date, diary submissions have ranged from excellent to unacceptable with significant variation in terms of level of detail, writing style and overall quality. The better submissions not only provide good and succinct descriptions of jobs/tasks completed within the recorded time period, but also include detail to demonstrate an overall understanding of the purpose of the job/task and the end goals. These submissions are also well written, use proper grammar and are spell checked. Poorer quality submissions appear to have been written in haste, with minimal thought and care to either content or quality.

The academic requirements in becoming a P.Geo are a challenge; we, the AB, appreciate this. However, actually applying this knowledge as you continue to gain practical experience throughout your career is what it's all about! Diaries are the only means for the AB to determine if this experience is satisfactory in terms of moving you forward from a MIT to full membership. The term "Work Experience Diary" should not be taken lightly.

If you have not already done so, identify a Professional Geoscientist willing to serve as your Mentor. The Mentor, who may or may not be your supervisor, should be in a position to offer guidance, and assess your work experience; and should, therefore, be familiar with your discipline (i.e., geology, environmental geoscience or geophysics). Do not expect your Mentor to take responsibility, either technical or professional, for your work.

Use the diary forms found on the Association website (www.geoscientistsns.ca). A diary should be com-

Con't (Page 2)

pleted and submitted every three months for the first year. This may be reduced to every six months for the remaining years. Your direct supervisor (who may or may not be your Mentor) must confirm and sign off on the accuracy of the contents.

Here are a few tips:

- Check out the examples of well written diaries, also found on the website; noting the styles, level of detail and length.
- Write in prose, not point form. Use proper grammar and spell-check. Poorly written diaries with grammatical errors distract from the content!
- Its OK to describe a job or task, however, the important thing is to demonstrate your understanding of what you were tasked to do and the overall purpose.
- The diaries must reflect cumulative and progressive experience. For instance, in the early part of your career, you may simply be completing tasks under direct supervision. As you advance, the expectation is that you will require less or no supervision, make decisions and Increase your level of responsibility.
- Consider the percentage of experience in terms of the five specific criteria identified in Geoscience Knowledge Experience document (also found on the website):
  1) Application of Technical Theory;
  2) Practical Experience;
  3) Management Techniques;
  4) Communications, and;
  5) Social Implications.

Submit your completed diary (signed off by your supervisor) to your Mentor either manually or electronically depending on the arrangement made. Your Mentor will approve the diary and recommend the number of months/weeks experience to be granted. Keep a copy for yourself. Then submit the diary, with the Mentor's recommendation, to the Registrar.

The AB will review the diary for content and completeness. If all is in order, the recommended time will be granted. If things are not in order, the AB may request additional information / clarification or, worse still, reject the submission. You do not want this result, and nor do we, so please take this requirement for professional registration seriously and **do it right the first time!**

Professional Development Opportunities

The following is a list of selected current professional development opportunities and conferences available:

IAH Atlantic Canada Webinar Series:
http://www.gwinsight.com/podcasts/

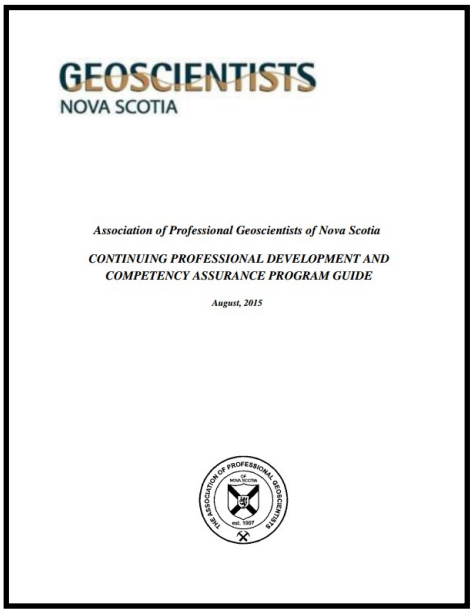
42nd Atlantic Geoscience Society Colloquium and AGM
Truro, February 5-6
http://www.acadiau.ca/~raeside/ags2016/

ESANS Lunch and Learn
Nova Scotia Environment Update in Contaminated Site Regulations – Use of Field Methanol Preservation
Paul Currie, PIRI Co-chair
CBCL Ltd. seminar room, Halifax, January 13, 2016

Guide to the Continuing Professional Development and Competency Assurance Program

David C. Carter, P.Geo, FGC

APGNS has a legislated mandate to self-regulate the practice of geoscience and to register geoscientists (this constitutes "right to title" and "license to practice"). Self-regulation is contingent upon providing a mechanism for registrants to demonstrate their individual competence to the public.



- Read the Guide

The challenge for the Association, and for the professional, is to ensure professional competency in a changing social, economic, and technological environment. It requires that the professional must undertake a life-long commitment to learning and embrace the ability to adapt to change.

Continuing professional development and competency assurance (CPD) keeps professionals up-to-date, provides protection to the public and raises the image and esteem of the profession. The benefit to the practicing professional is maintaining knowledge and skills that would otherwise become out of date. When it comes time for promotions, pay raises, new job challenges or new clients, an effective and documented CPD record can be instrumental in moving the individual's career forward.

Continuing professional development and competency assurance (CPD) is an opportunity for a professional to take control of his/her career by:

- expanding your professional, technical and theoretical skills and capabilities,
- providing increased value to employers and clients,
- improving your professional image,
- increasing your marketability to other employers and clients, and
- facilitating your mobility to other professional jurisdictions (most of which have or are developing CPD requirements).

Other important CPD notes:

- It is essential that a professional geoscientist engage in lifelong learning.
- Mandatory continuing education and professional development reporting has been adopted in most Canadian self-regulating geoscience and engineering associations.
- The APGNS CPD program is consistent with the requirements of other self regulating professional geoscience associations in Canada, including the specific components and credits for Professional Development Hours (PDH's).
- Licensees may comply with requirements of the CPD program through reporting to their home association and providing a copy to the APGNS Registrar.
- MIT's are expected to demonstrate compliance with the requirements of the program through the preparation and submission of their work experience diaries.
- Retired members are encouraged to voluntarily submit CPD reports.

To meet the requirements of the APGNS CPD program, each member is required to:

Con't (Page 4)

- maintain a record of their personal CPD activities; and
- provide a detailed annual report of their CPD activities to the Association.

Each member will receive a CPD Report Form along with their annual invoice for professional fees. The CPD report should be submitted by December 31st of the calendar year, (along with the payment of annual professional fees).

All members are expected to accumulate and document a minimum of 60 Professional Development Hours (PDH's) per year and a minimum of 240 PDH's per three year period. Additional PDH's, i.e. more than the required 60 PDH's, may be carried forward for two years.

Examples of reportable Professional Development Hours (PDH's) are included in the CPD program guide and they include participation in Association activities, such as service on Boards or Committees. Volunteer participation in community-based activities are also recognized.

Social Licensing and Community Engagement Continuing Professional Development (CPD) Workshop

Fred J. Bonner, MASc, MURP, P. Geo., FGC

During the summer of 2015, APGNS received funding through the Nova Scotia Department of Natural Resources (NSDNR), Geoscience and Mines Branch, Mineral Incentive Program (MIP) to develop and present a series of three, one half-day, professional development workshops on social licencing and community engagement.

In recent years, social licencing and community engagement has been a steadfast component of community based workshops, resource development discussions and community planning conferences throughout Nova Scotia. One consistent message heard from Nova Scotian's was the desire for increased community engagement when projects are planned near communities or in areas of special interest. This workshop series was designed to build on previous workshops, conferences and government initiatives on the topic of community engagement.

The professional development workshop was designed to help geologists, engineers, and resource developers better understand the community engagement process. Participants were initially led through a discussion on why social licence is critical to project success and then reviewed community engagement principles and the range of possible engagement activities. The application of principles and possibilities to the extractive industry was discussed next and sessions ended with a community engagement case-study exercise.

During the case-study exercise, participants were broken into teams and alternatively took on the roles of community or developer and then asked to develop responses to typical community based questions. This exercise prompted lively discussions where participants shared a wide range of different perspectives and experiences.

Executive Director's Report

David C. Carter, P.Geo, FGC

The revised ***Geoscience Profession Act*** and **Geoscience Practice Regulations** have been submitted to the NS Department of Justice, however, the legislation has been delayed pending a new corporate policy respecting self-regulated occupations (professions). It seems likely that the Act and Regulations will not be on the order paper until at least 2016. The by-laws will follow approval of the legislation. Council has approved several policy and procedure documents as well as by-law addendums (housekeeping items) to facilitate the current operations of the Association and in transition to the new legislation and these are summarized below.

Communications Policy – for consistent, common, messaging to geoscience stakeholders and the public; to ensure that members are informed of the benefits of professional registration and that the Association is aware of the support requirements of its members.

Admissions Board Policy & Procedure - incorporates the requirements of the NS Fair Registration Practices Act (FRPA); the Canadian Framework for Licensure; the Agreement on Internal Trade (AIT); the Entry-to-Practice Competency Profile, Prior Learning Assessment and Recognition, the Diagnostic Survey and the research into Canada-Wide University Programs.

Other registration / admissions related documents which have been approved by Council include:

- Academic Assessment Guide,
- Self-Assessment Worksheet Tool,
- MIT Program Guide, and
- MIT Program Guide – Pamphlet & Forms.

Interim procedures with respect to nominations and elections – the schedule is:

- Prior to October 31st - Council appoints the Nomination Committee;
- Nov 1st - Call for Nominations;
- Nov 30th - Nominations Close;
- Dec 15th - Nomination Committee report to Council;
- Jan 1st - Call for a Vote (if required);
- Jan 30th - Voting Closes and begin Scrutiny; and
- March 2nd - AGM (election if a tied vote).

Interim procedures with respect to complaints, discipline and enforcement – the focus of the addendum is on the Complaints Procedure and is summarized below:

- a written complaint, filed with the Registrar by any person (the "Complainant"); the Registrar shall advise the person complained of (the "Practitioner"), by written notice that the complaint has been made; enclose a copy of the complaint; and provide the opportunity to respond;
- after allowing for responses, if the Registrar and the Complainant agree, the complaint may be withdrawn; or, with the agreement of the Registrar, it may go forward; in which case the Registrar shall refer the complaint file to the Complaints Committee.

Interim professional development and competency assurance program - all members and licensees are required to demonstrate compliance with the **Continuing Professional Development and Competency Assurance Program**; this includes professional development hours (PDH's) as well as confirmation that the member is practicing in his/her area of geoscience competence.

Interim procedures for surrender of seals, stamps and certificates – on resignation, suspension or cancellation of registration, professional seals, stamps and certificates must be surrendered.

Interim procedures for the onus to respond – registrants shall respond promptly and appro-

Con't (Page 6)

priately to any communication of a regulatory nature received from the Secretary or Registrar.

Interim procedures re mailing address – registrants shall provide the Registrar with their current mailing address and advise the Registrar in writing of any change in contact information.

Interim procedures re notices - notices shall be deemed to have been given if they are mailed in a Canada Post Office, addressed to the registrant at the address as it appears on the official Register.

Interim procedures re honorary life membership, and life membership - Honorary life membership may be granted by the Council, to:

(a) a person eminent in the geoscience profession who has rendered signal (remarkable, striking and significant) service to the Association, and
(b) who has been nominated in writing to the Registrar by at least three (3) members-in-good-standing of the Association, and
(c) on the unanimous vote of approval by all members of Council.

Honorary life members of the Association shall be entitled to enjoy all the rights and privileges of the Association, including the right to use the designation P.Geo, without payment of fees or dues.

Life membership in the Association may be granted by the Council, on written request of the member to the Registrar, to:

(a) a member who has reached the age of sixty-five years, and
(b) has retired from the practice of geoscience, and
(c) has been a member-in-good standing for at least the preceding ten (10) years, and
(d) on the unanimous vote of approval by all members of Council.

Life members shall be entitled to enjoy all the rights and privileges of the Association, including the right to use the designation P.Geo, with fees or dues reduced by one-half (50%).

Interim procedures re fees and dues – with respect to annual professional fees:

- the fees and dues and other service charges, including late payment fees and interest on overdue accounts, are set out in the schedule which is approved annually by Council;
- the annual dues shall be for the calendar year and are due and payable in advance on or before the first day of January in each year;
- registrants who are accepted after the October 1st shall only pay one-half (50%) of the annual dues for that year;
- a registrant shall cease to be "in-good-standing" when his/her dues are in arrears and a registrant whose annual dues are three months or more in arrears shall be stricken;
- the fees of an applicant shall not be refunded where the application has been refused;
- Council, may exempt from the payment of fifty percent (50%) of the applicable annual fees for any calendar year those persons who are, in the unanimous opinion of the Council; retired, unemployed, experiencing illness, on maternity or paternity leave, or enrolled in a post-graduate program.

Interim procedures re appointment of the auditor - Council shall appoint a chartered accountant to complete a financial review of the accounting books and financial records of the Association.

There are always opportunities to get involved. Succession planning is important so that Boards and Committees continue to function with new ideas. Also, participation on the various Boards and Committees is applicable to Professional Development Hours and the Continuing Professional Development Program.

For more information, questions or comments, please contact the executive director at exec.director@geoscientistsns.ca or 902-420-9928

Geoscientists Canada Directors Report

Jeff Parks, P.Geo, FGC

The meeting of the Geoscientists Canada (GC) Board of Directors was held in Toronto on November 6 and 7, 2015, chaired by President George Eynon, P.Geo, and with all Directors in attendance. The agenda was light but nonetheless dealt with pertinent issues.

The 2016 budget was approved. The balanced budget is built around the work program identified as key areas of focus by the Directors and the Constituent Associations (CAs). Since 2007 and again in 2015, GC has been undertaking additional projects work externally-funded either by government, the CAs or other sources. During 2015, GC concluded its Admissions Support Tools (AST) project, funded through ESDC's Foreign Credential Recognition Program. A follow-up proposal (AST II) has been submitted to ESDC seeking $660,000 over 24 months. It is not know at this time whether or not this application will be successful, and if so, when approval may occur and when project work might recommence.

Arising from deliberations with the CEO Group in late August and again in early October, the national effort in 2016 will focus on 4 tasks or desired outcomes; two will be "solution focused"; two will be "awareness/advocacy focused". The AST Phase II will be of primary focus in the late 2016. In the interim, work on Admissions Consistency and Inter-reliability and consistent AIT transfer handling (combined) will commence as an important supporting element. This has started with exploratory discussions between APEGA, APEGBC and APGO, leading to a national 2 day all-CAs workshop in the first quarter of 2016 that will bring key admissions officials together to clarify issues and seek workable solutions. The CA CEO's will engage at the onset of the workshop to help set the stage; and engage again at the conclusion of the workshop, to consider outcomes and approve desired activities.

Fostering the Professional Reliance Model and Advocating that all programs are GKE compliant will be the main focus of outreach activity of Geoscientists Canada in 2016; this will include increased engagement with such groups as the Canadian Securities Administrators and the Council of Chairs of Earth Science Departments. Advocacy material will be developed (text articles, talks, videos, etc.), suitable for print, electronic and social media, for national and international geoscience events, and for customization and use by the CAs in their own advocacy work.

The Governance Committee has reviewed the Rules and Regulations of Geoscientists Canada (Nov 2011) with a revised draft proposed for approval of the Board. A draft Terms of Reference (ToR) template was prepared and presented to be used with the objective of standardizing the ToR of each of GC's committees and working groups by having a list of common headings under which the scope and activities of the committee/working are described. ToRs for all committees will be transferred to the new format and will be reviewed. To that end, Directors and their CAs were asked to review the ToR for the Canadian Geoscience Standards Board, which was been using the same ToR since its inception.

A discussion paper, Public Reporting and the QP role of Geoscientists – "Professional Reliance" Teaching Module for Canadian University Earth Science Departments", was released in July 2015. From that, and through discussions with CIM and the Securities Commissions, Geoscientists Canada has proposed to develop material that can be taught a Canadian Universities as a 1 day seminar on professional duties awareness as they relate to practice in either, or both, our resources sectors.

The next meeting of the Board of Directors is slated for January 23, 2016 in Vancouver.

Geo-Travels

Mark King, Phd, FGC, P.Geo

In March 2015, I travelled to Kenya to visit my good friend, John Carson, from Whitehorse, YT. John started the *Rift Valley Resource Centre* almost 10 years ago now. It is located just a few km from the small town of Mosoriot, and 40 km from the larger centre of Eldoret. Besides seeing John again, which is always a great adventure (Photo 1), my trip had several other objectives:

- To help with some of John's outreach projects;
- To do as much groundwater-related outreach work as possible;
- To deliver pen pal letters from my wife's school (St. Joseph's A. McKay Elementary School in North End Halifax; Paulette O'Connor's Grade 5/6 Class) to a sister school in Kenya, and to set up a skype call between both schools (Photo 2);
- To give lectures on groundwater contamination at a local university (University of East Africa at Baraton); and
- To scout for a worthwhile groundwater-related outreach project that could be initiated through John's group.

Map of Kenya

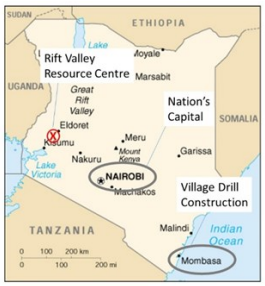


Photo 1. At the *Rift Valley Resource Centre* with John Carson.

The *Rift Valley Resource Centre* attracts a small but steady stream of volunteers from all over the world who participate in a range of projects, such as:

- The construction of the Centre itself (Photo 3), designed by Architecture students from the University of Waterloo, and built by Canadian students and Kenyans;
- Start-up of a micro-finance cattle dip project (Photo 4), which is now run by a group of Kenyan women;
- Temporary placement in various institutions, depending on expertise (for example, schools, medical centres, small businesses); and
- Start-up of a business for creating unique, kiln-fired, clay, water treatment vessels (Photo 5 and website at http://www.pottersforpeace.org).

Photo 2. Kenyan school children reading letters from Paulette O'Connor's Grade 5/6 Class at St. Joseph's A. McKay Elementary School in North End Halifax.

As well, the Centre proudly organizes the more or less annual Rift Valley Marathon. This race brings in much appreciated tourist dollars to the area. Of course, the participants from away know they have absolutely no chance of winning. They simply enjoy being in a race with some of the fastest long distance runners in the world (Photos 6, 7 and 8).

Photo 3. The *Rift Valley Resource Centre*, designed by UW Architecture students.

Con't (page 9)

My presentations at the University of East Africa revolved around the groundwater contamination issues we experience here, in North America. I was fortunate to be able to address students and professors from the faculties of Public Health, Agricultural Technology, Chemistry, and Biological Science. The audiences were interested to hear about our groundwater problems and, of course, our solutions to these issues. But in the question periods, I really tried to steer the discussion towards the Kenyan situation. Not surprisingly, their primary groundwater problems are different than ours in North America. In discussing the Kenyan situation, the audiences were almost universally focused on the issue of bacterial well contamination. And from further discussion and investigation, it appears the widespread occurrence of this problem in Kenya is due to the prevailing methods of water supply and sewage disposal.

Photo 4. Cattle dip operation, developed by the Centre, now operated by a women's group.

Outside the large cities, most residential and small institutional water supplies are in the form of dug wells that serve groups of varying sizes. These wells are hand dug and water is typically drawn out by bucket. Drilled wells are far less common, due to the relatively high cost. Meanwhile, the standard washroom facilities (outside of cities) are simple pit latrines, also hand dug (Photo 9). As the population increases, the proliferation of dugs wells are often affected by a similar proliferation of pit latrines. And because treatment of water from small systems is rare, occurrences of water-borne disease are quite common.

Photo 5. Kiln under construction at the Centre, for making water treatment pots. Inset: completed pots (photo from Potters for Peace website).

Further, due to recurrent droughts, these shallow dug wells occasionally dry out, and it can be a challenge to find backup sources. During my visit, the 7-metre-deep dug well at the school adjacent to the *Rift Valley Centre* went dry. The children had to resort to retrieving water for washing and making tea from a livestock watering pond near the school (Photo 10).

Photo 6-8. Only in Kenya could a small, remote road race be packed with some of the best runners in the world. Men and women receive cows for first place; first place juniors receive goats. I did the race on a relay team and fortunately my teammates were not expecting a cow-worthy performance. Shown in photo 8 is Laban Rotich, a Board Member of the Centre. He competed in the 1500m all over the world, including the 1996 Atlanta Olympics. He still holds the world indoor mile record for men over 35 years, with 3:53.18. In the photo he's wearing the Kenya 1996 Olympic team uniform.

Con't (page 10)

On the basis of our discussions at the university, and experiences in the local community, we initiated a new project. It will be operated through the Centre and will be known as the *Southwest Kenya Village Drill Project.* The *Village Drill* was designed a few years ago by engineering students at Brigham Young University (Photo 11), as an appropriate technology for installing low-cost drilled wells in developing countries. This rugged and simple drill is manually operated and can penetrate as deep as 80 metres in suitable materials (soil and medium-to-soft bedrock). Currently, there are already several operational *Village Drills* in other African countries. And because this drill is manufactured in Mombasa, we are able to circumvent the numerous problems that often occur when importing equipment into Kenya.

Photo 9. Pit latrine. This "his and hers" version is located at a church.


Photo 10. Children from the school adjacent to the Centre fetch water from a livestock watering pond, when the school's dug well goes dry.

The *Village Drill* will be operated as a small business and will generate income for a group of 4 to 6 Kenyans. All operational training and management of the drill will be done through the Centre. We plan to install the first well this March at the school next to the Centre. This installation will address their current problematic water supply issues, and it will keep the drill close to home while we gain valuable practical experience.

The capital cost of the drill is $18K USD, which will be primarily covered by corporate donations. The "operating cost" is estimated at $750 USD per well and will be covered by individual fundraising efforts in countries like Canada. The intent is that an organization in Canada (for example, a school, church, or service group) could sponsor a well for a similar organization in Kenya. In return, they will receive follow-up reports on the installation and use of the well.

This manual drilling technology will be used to establish deeper wells that are more viable, in this area where shallow groundwater sources are often contaminated and intermittent. As an added benefit, it will provide some much-needed employment in one of Africa's poorest countries. If you or your organization would like to know more about the *Southwest Kenya Village Drill Project*, please contact me anytime (king@gwinsight.com).


Photo 11. A Village Drill in action (file photo). The drill stem is rotated manually, while drilling mud is pumped down the borehole. The drill was designed by Brigham Young U Engineering students and is manufactured in Mombasa, Kenya.

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Registrar's Report

David C. Carter, P.Geo, FGC

As of October 31, 2015 the APGNS Register has the following membership totals:

	P.Geo	License to Practice (LTP)	Member-in-Training	Certificate of Authorization
Total	**179**	**11**	**18**	**47**

New Registrants in 2015:

Steven Usher, P.Geo.
John Waldron, LTP
Alan Philippe. P.Geo.
John Kozuskanich, P.Geo.
Heather Jaggard, P.Geo.
Grant Wach, P.Geo.
Evan Bianco, P.Geo.
Jeffrey Faulkner, P.Geo.
Mark Devitt, P.Geo.
Martin Taiani, P.Geo.
Nicolas A. Guest, P.Geo.
Helen Cen, P.Geo.
Gordon Murray, P. Geo.
Heather Campbell, P.Geo.
David Rawlek, P.Geo.
Elements Environmental (C of A)

The invoices for 2016 professional registration fees as well as corporate Certificates of Authorization were issued in November. Members should note that registration fees should be paid on or before December 31st.

The reporting forms for the Continuing Professional Development and Competency Assurance program (CPD) are also being distributed along with the fees notice.

Planning is underway to hold the annual general meeting (AGM) on Thursday April 28, 2016 at the Dalhousie University Club. As previously, it will be a luncheon event with the business meeting, a guest speaker and a continuing professional development event. Details will be circulated in the next newsletter so please mark the date in your calendar.

If you have questions, comments or concerns regarding the annual fees, reporting forms, or AGM please contact the David Carter, P.Geo, FGC at registrar@geoscientistsns.ca or 902-420-9928.

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APGNS Publication Policy – APGNS encourages the submission of articles and editorials for publication in the ***GeoGazette*** on topics related to the science and profession of geoscience.
Submittals shall be of interest to the members of APGNS, and others interested in earth science. Articles and editorials may be noted as follows at the discretion of the editor:
"The opinions, positions and conclusions presented herein are those of the author and do not necessarily reflect the opinions, positions or conclusions of APGNS."
All materials submitted for publication, including author opinions contained therein, shall include accurate and appropriate references. The Editor has the authority to solicit, edit, accept, or reject articles and editorials and other written material for publication. The APGNS Editorial Board has the authority, if it chooses to act on any particular case, to support or overrule actions of the Editor regarding the solicitation, editing, acceptance, or rejection of any particular article, editorial, or other written material for publication.
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