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MESSAGE FROM THE PRESIDENT



By the time you read this, it would be more appropriately entitled "Message from the Past President." Thanks to all the PCPG members for allowing an Oil and Natural Gas, Exploration and Development Geologist serve as the president. I greatly appreciate the trust the professional geologists of the state gave me throughout my two-year term.

The organization is in good hands going forward. Dr. Martin Helmke, P.G. will be leading the organization, as president, through 2019. Also, Barbara Dunst, P.G. will be serving as president-elect (assuming the mantle in 2020).

I'd also like to thank the board members I've served with the last two years, as well as the years prior. It's been an honor and a pleasure working with them all for the betterment of the professional geologists' community in Pennsylvania.

The board and executive committee of PCPG have begun a strategic planning initiative, aspects of which will be reported in the current and upcoming newsletters. Recent surveys of the membership are being "mined" to understand the needs of the modern professional geologist and how PCPG can serve these needs. You will be seeing results in changes and additions to PCPG's offerings and member services in the future. If you have any immediate thoughts or needs, feel free to contact me at dan@billmangeologic.com or Martin at MHelmke@wcupa.edu.

Dan Billman, P.G.
PCPG President

UPCOMING EVENTS

**Webinar: A Road Map to Earning the
Professional Geologist License in PA**
January 22, 2019

Soils Classification
June 2019
Eastern PA

**Two Day PG Review Course for the Practicing
Geologist & ASBOG Exam Candidate**
February 7-8, 2019
Cranberry Twp., PA

**Field Trip: The Last Ice Age in Western
Pennsylvania: A Changing Climate as Seen in
the Glacial Landscapes**
June 14, 2019 - Save the Date
Cranberry Twp., PA

**MS Excel Tricks and Tools for Environmental
Data Analysis**
February 2019
Eastern PA

**MS Excel Tricks and Tools for Environmental
Data Analysis**
June 2019
Western PA

**PCPG Annual Meeting Luncheon, Program,
Networking**
March 6, 2019
Harrisburg (Grantville), PA

Hydro in One Day (multiple locations)
July 2019

**MS Excel Tricks and Tools for Environmental
Data Analysis**
April 2019
Central PA

**Two Day PG Review Course for the Practicing
Geologist & ASBOG Exam Candidate**
August 15-16, 2019 - Save the Dates
Eastern PA

Stray Gas Migration
May 2019
Western PA

**Introduction to Inorganic and Organic
Groundwater Geochemistry**
September 12-13, 2019 - Save the Dates
Western PA

**Geologic and Environmental Applications
of Drones**
May 2019
Western PA

**Introduction to Inorganic and Organic
Groundwater Geochemistry**
September 16-17, 2019 - Save the Dates
Eastern PA

*Don't forget to check the "Courses & Events" calendar on PCPG's [home page](#) frequently
for up to date information on upcoming educational opportunities.*

PCPG STRATEGIC PLANNING UPDATE

Tiffani Doerr, P.G.

This past summer the board analyzed the results of a comprehensive stakeholder survey about the issues that are most pressing for professional geologists and allied professionals served by PCPG. In addition, the Board engaged a professional firm, Align Ltd of Lancaster PA, to assist in the analysis, including the use of focus groups to gather additional qualitative data about challenges and opportunities to better serve our stakeholders. PCPG appreciates all of your efforts to provide valuable feedback and insight on challenges facing those in the geologic fields in today's workplace!

The Board has selected three priority concerns/challenges that were identified through our stakeholder's feedback efforts:

- Improving accessibility to, and variety of continuing education options.
- Enhancing the workforce pipeline for geologists and supporting the transition of early-career professionals into and during their first job.
- Enhancing the public perception of the role of professional geologists.

In November, the Board of Directors held a retreat to identify potential solutions to these challenges. As a result, the Board is now doing additional work to refine and further explore the following ideas and potential solutions:

- Provide online continuing education opportunities, such as webinars and distance learning.
- Develop a certificate training to bridge the knowledge and experience gap between college and career.
- Develop a mentoring program for young professionals in geologic careers.
- Take action to engage young professionals in volunteer opportunities.
- Place greater emphasis on marketing.
- Improve awareness of geology careers among school-age children, as well as the general public.

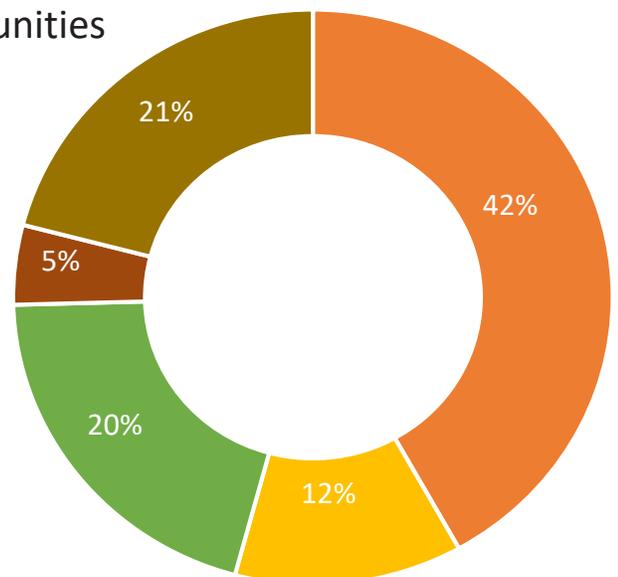
PCPG will be reaching out with additional information and to request feedback and involvement in the coming weeks and months. Keep an eye out as your feedback is important! We look forward to continuing to develop these ideas into new programs to better serve the geologic and allied services communities.

Thank you for continuing to help us support the science of geology that we love!

Example from survey output:

% = percent of respondents who voted this as the current PCPG Service for improvement.

- Course Topics/Offer Additional Education Opportunities
- Access to Resources/Broader Topics
- Location/Variety of Event
- Outreach & Marketing
- Advocacy



MEMBER SPOTLIGHT: EXCALIBUR GROUP, LLC



EXCALIBUR Group, LLC is an environmental engineering consulting firm celebrating its 20th year helping customers manage and resolve their toughest environmental problems. EXCALIBUR distinguishes itself by its ability to tailor environmental solutions to clients' specific business needs. They take a multidimensional approach to problem solving, focusing more on why clients have an environmental need, than the process required to meet the need.

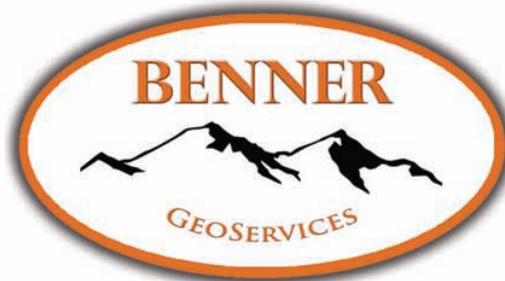
EXCALIBUR provides commercial, industrial and environmental insurance clients with cost-effective alternatives to often intractable environmental problems. Its team of top flight professional geologists, engineers, project managers, and environmental science, construction, risk management, engineering design, remediation, cost estimator, and claim specialists are dedicated to cost effectively resolve non-compliance, contamination, and operational problems.

The company has helped hundreds of small businesses, mid-sized companies, law firms, investors, underwriters, claims assessors and many top Fortune 500 and multinational companies fully manage their environmental liabilities. And when you consider their problem-solving acumen has reduced project costs by tenfold and cumulatively saved tens of millions of dollars through better site cleanups and closure approaches, regulatory negotiations, or better ways to mitigate environmental obligations, it is no wonder the EXCALIBUR team has a significant incumbent client base and virtually no staff turnover.

The company is also a recognized expert in fully assessing, investigating, and resolving underground storage tank (UST) risks and releases, having addressed thousands of USTs for major insurance companies, Fortune 500 and smaller companies, State UST funds, petroleum retailers, investors, major engineering/ construction businesses, and law firms.

EXCALIBUR is sensitive to the often unnecessarily high cost of environmental compliance and asset restoration. They don't buy into the bureaucracy or corporate administrative burden practiced at larger environmental firms. They work hard to obtain clients' business, and even harder to retain it, starting with reasonable pricing.

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www.bennergeoservices.com

Equipment

Geoprobe 540UD Truck-Mounted
Geoprobe 54LT Track-Mounted
Geoprobe 420M Dolly-Mounted
Geoprobe 6712DT Track-Mounted

Vermeer Vactron AIR555 Air Excavation Trailer

SERVICES

- Serving PA - NY - DE - MD - OH - VA
- Soil Sampling
- Ground Water Sampling
- Monitoring Well Installation
- Soil Vapor Sampling
- Soil Logging
- Depth To Bedrock Logging
- Pre-Pack Screen Well Installation
- Limited Access Sampling Our Specialty (Off-road, Buildings, Basements, Etc.)
- Phase II Drilling Specialists
- Soft Dig
- Air Excavation



EXCALIBUR *Continued from Page 4*

When asked about EXCALIBUR's secrets to success, Managing Partner Stephen Wendt explained: "Clients don't hire us to provide environmental services; **they hire us to make their problems disappear.** In our business, the best ideas win. That's why we were selected to design and implement the successful innovative soil/soil gas/groundwater remediation underneath one of the world's largest paint factories. We **emphasize value over profit** because when value is delivered, long-term profit through client relationships follows. That's why we have several multi-year relationships with well-known lenders, insurers, and multinationals who trust our firm to manage their liability portfolios, environmental claims, and corrective actions at numerous state, federal and Superfund sites. Simply put, **the client is king**, so hire the best and brightest to never lose sight of Job 1- Enable clients to make informed business decisions and deliver results."

EXCALIBUR operates primarily out of the mid-Atlantic region with staff located across Pennsylvania, Maryland, Virginia, North and South Carolina, and Colorado. The company and its founders have completed desktop to turnkey boots-on-the-ground projects in 44 states and numerous countries on five continents for both private and public sector clients. Learn more about EXCALIBUR at www.excaliburgrpllc.com.



EXCALIBUR GROUP, LLC

ENVIRONMENTAL CONSULTANTS, ENGINEERS & LIABILITY MANAGEMENT EXPERTS

~ Cutting Edge Solutions to Intractable Problems ~



"I AM VERY PLEASED with my experience. The folks at Excalibur were great!"

Director of Gasoline & Maintenance, 7-Eleven

"Excalibur found solutions where others had stalled or failed..."

General Manager, Mitsubishi Corp.

"I commend Excalibur for excellent environmental services...client advocacy, remedial technical expertise... I'd be happy to serve as a client reference."

Director, Remediation Services, The Sherwin-Williams Co.

Resolve Old Sites

- ✓ Fix underperforming systems
- ✓ Use risk-based end points
- ✓ More streamlined closure pathways
- ✓ Guarantee value services via bidding

Address New Sites

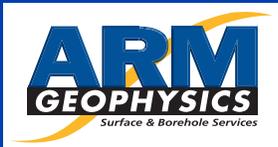
- ✓ Define contamination efficiently
- ✓ Totally manage all risks & compliance
- ✓ Deliver 100% spot-on remedial engineering
- ✓ Execute cost-effectively
- ✓ Produce timely case closures
- ✓ Realize big time & cost savings!

HOW CAN WE HELP YOU?

Bob Breakwell, P.G. ~ 724.314.3322 ~ rbreakwell@excaliburgrpllc.com

Toll Free ~1.866.490.0039
www.excaliburgrpllc.com

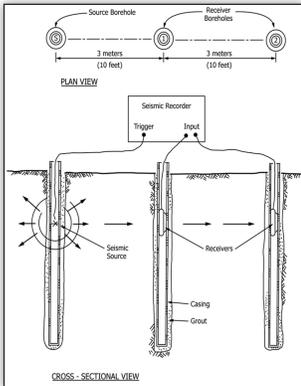
See what our customers say: <https://www.excaliburgrpllc.com/customers-commendations/commendations/>



ARM Geophysics solves complex problems and challenges by integrating expertise from Geophysics, Geology, Hydrogeology, Soil Science, Geotechnical and Civil Engineering.

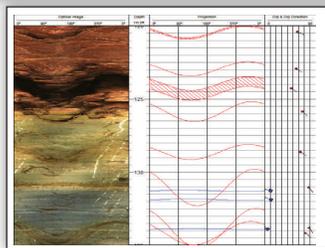
ARM Geophysics has multiple borehole logging systems readily available to help with your next project:

- Truck-mounted Logging Systems
- Portable Logging Systems
- Optical & Acoustic Televiewers
- Fluid Temperature & Fluid Conductivity Probes
- Formation Resistivity
- Three-Arm Caliper
- Heat Pulse Flow Meter
- Density
- Neutron

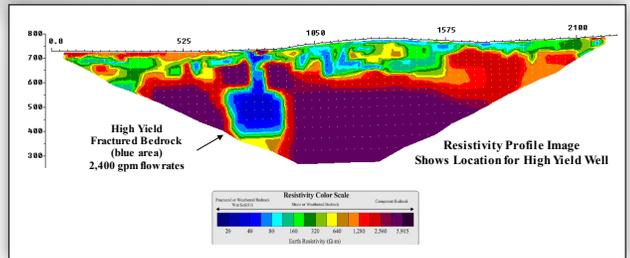


Poisson's Ratio, Shear Modulus, Young's Modulus

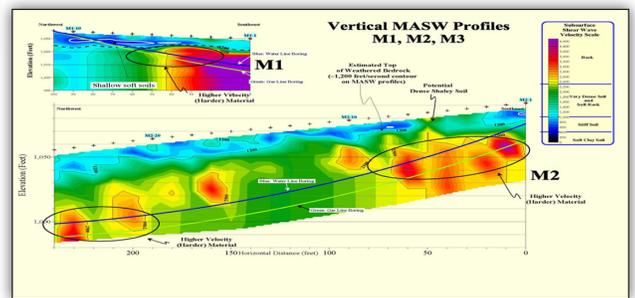
**Cross-Hole Seismic/
Geotechnical Support**



Borehole Geophysics



Water Supply Development



Horizontal Directional Drilling Support

Contact Scott Wendling, P.G. today to see how ARM can help you!
SWendling@armgeophysics.net | 717-533-8600 | ARMGeophysics.net

DEADLINE FOR OUR NEXT NEWSLETTER IS APRIL 26, 2019

For more information, contact our PCPG Newsletter Editor and Communications Committee Chairperson - John Torrence, P.G., by **Email** or telephone at 609-932-7090.

2018 PCPG MEMBER SPONSORSHIP RATE

(Rates are listed as amount per issue)

Size	Commitment:	1x	4x
1/2 Page (8" x 5")		\$225	\$150
1/4 Page (3.875" x 5")		\$140	\$95
Business Card (H or V)		\$75	\$50

2018 PCPG NON-MEMBER SPONSORSHIP RATES

(Rates are listed as amount per issue)

Size	Commitment:	1x	4x
1/2 Page (8" x 5")		\$300	\$240
1/4 Page (3.875" x 5")		\$185	\$150
Business Card (H or V)		\$100	\$80

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PCPG, 116 Forest Drive, Camp Hill, PA 17011**

PCPG's ASSOCIATE MEMBERS FOR 2018-19:



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 Phone: (717) 766-4800



Benner Geoservices, Inc.
 Contact: Jason Benner
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