



The Rock Record – May 2021

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Please contribute to the SGS
Newsletter

The SGS Newsletter is produced by the SGS executive. Letters, announcements, notices, comments, photos, news and information about SGS members, etc. are always welcome. Call an executive member or write to us at:

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President's Blurb May 6, 2020

Hi Everyone.

Spring is great! The air can still be cool but the penetrating sunshine reassures us of the summer ahead and springs' arrival allows us to meet safely outside without having to wear a parka.

Although we've been unable to meet with friends and colleagues at luncheon talks our Society continues to provide informative talks virtually. Many thanks to our Program Chair, David Thomas for pulling this together and for technical support from Taylor and Sam.

We welcome our newest Executive Member, Brendan Bishop, as Assistant Program Chair. It's great to have Brendan on board.

With encouragement from Dan Kohlruss and Michael Hoffman, the SGS and Montana Geological Society have agreed to share access to each others' activities including luncheon talks, help organizing field trips and whatever else seems appropriate....a natural fit.

Check out the items below to see what some of our society members have been up to. Eric Nichol is providing an interesting and timely blog about the future need of geologists and reservoir engineers and Mike Thomas provides some information on virtual geological field trips. Monica Cliveti shares some information about Dr. Janis Dale on the announcement of her retirement and we have another installment of Famous Canadian Geologists by Dave MacDougall. Finally, Charlie Harper has assembled a wonderful tribute to Paul Ramaekers with Paul's his recent passing.

Given the lead-time necessary to plan a field trip we have decided that the SGS will not be organizing the annual field trip this year. We do, however, encourage you to continue exploring yourselves, and let us know if you have discovered any locations we should consider visiting in the future.

Many thanks to the contributors. This is our community newsletter so please con-

A blog by Eric Nickel – Director of Operations, PTRC

New Opportunities for Oil and Gas Experts

As a petroleum geologist, I have been for many years involved in pursuits of oil and gas, whether with industry in the 90s assisting in drilling some of the first horizontal wells in the province, or for 16 years at our provincial geological survey trying to promote resource development through sound reporting of stratigraphic phenomena. My past 7 years at the [PTRC](#) has been a continual effort to apply this experience to the problems that production companies currently face and help them to build reserves through sound science and engineering.

It is no secret that oil and gas production companies now face new challenges. Low global oil prices and, in some cases, reduction in demand and mobility, have made their positions challenging. Limits on emissions, and stricter environmental regulations serve to amplify that challenge. If the direction that some think we should go in our pursuit of “cheap, clean energy” is a line directly away from fossil fuels, is there still a place in society for the reservoir engineer, or the petroleum geologist to contribute to that shift?

To continue reading go to:

<https://ptrc.ca/media/blog/energy-from-the-earth>

Mike Thomas “VIRTUAL GEOLOGY”

During this past year or so, along with most such organizations our Society has pretty-well retired from the “actual” into the “virtual” realm of things geological with the inception of our TEAMS lecture series. One finds oneself online far more often than normal these days.....at least I do. So, in addition to our Teams meetings, there are unending topics available on the world-wide web to indulge any geological interest. The quality is of course variable but is commonly astonishing.

- How about a 6 minute field trip, this one from the GSA , to Wisconsin to see Cambrian traces fossils.....https://www.youtube.com/watch?v=N56fxlpyTMI&t=33s&ab_channel=WeisEarthScienceMuseum
- Or this lecture on the Columbia River flood basalts from Nick Zentner of Central Washington University in Ellensburg, Washington.....(this guy is excellent) <https://www.youtube.com/watch?v=VQhjekmEyUo>
- Or from NASA, amazing pictures of Mars from rovers landed on the surface of our planetary neighbor.....<https://www.youtube.com/watch?v=ZEyAs3NWH4A>

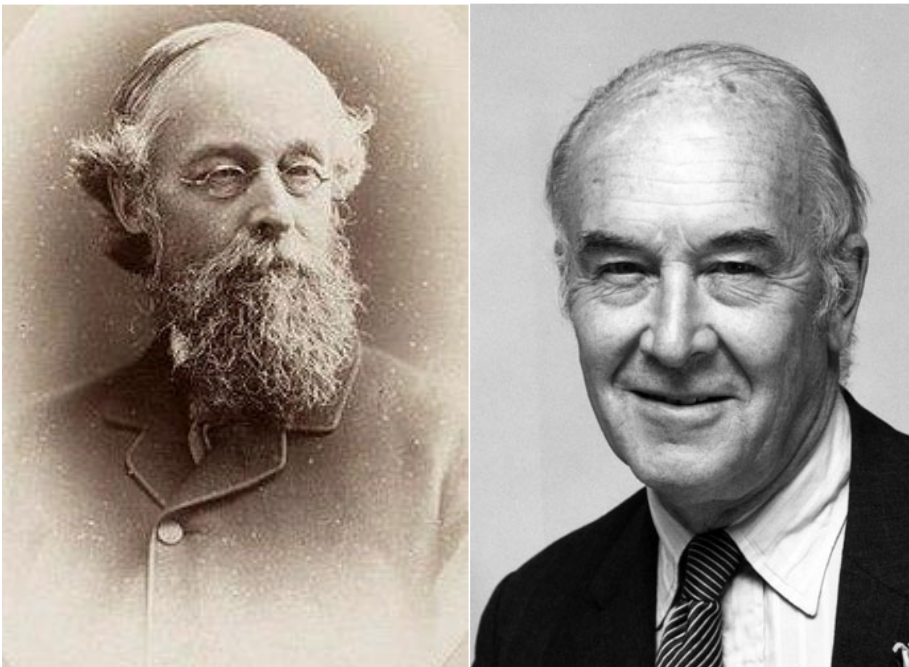
Through the Rock Record, we can easily share with the Society membership anything we may have discovered online that might resonate. Feel free. This will have to suffice until we can stray to the actual once more. I hope all are well.



An installment from David Macdougall's archive of Famous Canadian Geologists

Alfred Richard Cecil Selwyn (1824 – 1902)

In 1845 he was appointed Assistant Director of the Geological Survey of Great Britain and later from 1852 to 1869 was the first director of the Geological Survey of Victoria, Australia. He succeeded J.B. Tyrrell as Director of the Geological Survey of Canada from 1869 to 1894 and was President of the Royal Society of Canada 1895-96. He was responsible for expanding the Survey as the territory of Canada increased, first with Confederation in 1867 and subsequently with the acquisition of the western territories (Northwest Territories, Manitoba and British Columbia). Selwyn surveyed much of southern British Columbia, helping to establish a route for the Canadian Pacific Railway. He also published studies of the goldfields of eastern Canada. As Director of the Geological Survey of Canada he was in charge of moving the Survey and its museum from Montreal (former capital of pre-confederation Canada) to Ottawa in 1881. The Selwyn Range in the Rockies is named after him, as is a lake that straddles the NWT-Saskatchewan border.



John Tuzo Wilson (1908 – 1993)

Wilson graduated from Princeton University with a doctorate in geology in 1936. Subsequently he worked for the Geological Survey of Canada, 1936 – 1939, then enlisted with the Canadian Army and served in World War II, retiring with the rank of colonel. He pioneered the use of aerial photography in geological mapping and created the first glacial map of Canada. His main claim to fame was his major contribution to the Theory of Plate Tectonics being the first to theorize the existence of, and describe the mechanism of, transform faults such as the San Andreas, and of mantle plumes such as those responsible for the creation of the Hawaiian Island chain. The Tuzo Wilson Seamounts off the coast of British Columbia were named in his honour. Among his many honours were the presidencies of the International Union of Geodesy and Geophysics (1957-60) and the American Geophysical Union (1980-82).



Monica Cliveti roasts Dr. Janis Dale on her retirement

While the dust is slowly settling down over the Geol 102 exam, the curtain is closing on an amazing career of 27 years dedicated to the students. On Friday, April 30, Dr Dale, Janis for colleagues and friends – even if I am not sure that there was a very clear line between the friendly colleagues and the colleagues that were friends - will open a different chapter on her book of life: RETIREMENT! The biggest losers of this new adventure brought to you by Janis – the Viking Queen - are going to definitely be the students.

Janis joined the University of Regina in 1994 in the Department of Geography, but less than 10 years later she would cross onto the dark side – to the Department of Geology – to never look back. And she would cross with all the pride and the glory of the Queen that she is, becoming the Head of the Department for the next 6 years. A record that has not been, as of yet, broken. Janis not only took the reins of the department but also the reins of the largest class in Geology.

Like a superwoman that she is, she ruled a department, a few hundred students a semester, planned jokes on 1st of April, dressed the part and cooked crazy items on Halloween for colleagues and students alike, supervised thesis at undergraduate and graduate levels, participated in student events, planned field trips, drove her kids to activities and in her spare time spent time with Ken and her family. But all that busy life, could not stop her from deeply carrying for her students – both as academics and as human beings.

Janis would always have an ear for all her students and their questions and an empathy and understanding that was genuine. She would stop whatever she was doing, giving the full attention to the matter, an attitude to which the students responded very well. Consequently, there was no surprise for anyone that Janis was crowned with a Teaching Award just few years after being in the Geology Department.

Apart from being a very passionate teacher, Janis is a convinced proponent of green energy sources. In the last few year, Janis and her team, fought hard to convince University of Regina to reopen and reconsider the Geothermal project which bases were established in 1979. The conferences, the talks the meetings – she would prepare diligently and giving it all.

Her passion for teaching and her deep interest in her students were the force behind her involvement as the Vice-president (is that the equivalent of a Princess in royal terms?) with the National Canadian Standard Board – the organisms that makes sure that every student graduating from Geoscience has a similar baseline formation.

Yesterday would forever mark the last exam in her long career and she has been spending days preparing for it, with the same diligence as always. And she still had time to laugh and serve me a life-lesson. Here are some stats:

1. 6 consecutive years of being the Head of the Department;
2. the only one that made it to the Arctic;
3. the only one (except me) that made it to Romania – where is that?;
4. about 6000 students went through her hands in Geol 102 alone;



5. one very deserved Teaching Award;
6. few students that she attracted to the dark side;
7. the Queen of the geothermal project at the UofR



From right to left: Janis Dale, Kathryn Bethune and Monica Cliveti singing an off-tune Abba song at Steven Bend's retirement party. Costumes and lyrics by Janis Dale. Choreography: all of us, which explains why we can't ever remember what we were supposed to do.

I met Dr. Dale for the first time in 2005. I was freshly arrived in Canada with big eyes trying to absorb everything around me. She was smiley and calm and the Head of the Department that would be my home for the next 2 years. Or so I thought! Through the years – while trying to find my footing – I caught glimpses of Janis's life: her willingness to have fun even in the midst of a very serious field trip, her humour and her bring-tears-to-your-eyes hearty laughter, her dedication to the students, her inner strength in life's most adverse moments, and her thoughtfulness.

In 2014, the students organized a trip to Iceland and miraculously I made it on to the team together with Dr. Dale and Dr. Bethune. You know how they say that if you want to know a person you need to travel together? This trip showed me a multifaceted person: fun, human, superhuman at time, and warrior Viking Queen.



Fearless leader Janis taking the little troupe to the toe of the glacier in Iceland, 2014. Courtesy of Sean Lobb.



Because we had so much fun in Iceland, and Janis was by now a brand-new bionic woman, we decided to do a sequel to act 1. Act 2: Romania! This time, it was just Janis and myself as we were hard at work in preparing a possible international field trip in my homeland. Janis was faithfully willing to put her life in my hands considering that I have never driven in Romania before. Ever in my life! Well, that's already a good start.

The trip was pure geology adrenaline! Geological wonder after geological wander, Janis wanted to see them all and she spent time understanding the geology, piecing parts together and driving our guide crazy. He had this perfect plan where we would be spending 15 minutes at each stop while he will show us the interesting parts and then we will get into the car and go to the next stop. Janis proved him wrong at Every Single Stop. Fifteen minutes will turn into

half an hour and then an hour, samples will be collected, questions will be asked, and we'll get to our final destination around 10 pm desperately trying to find a place to eat.

Janis, thank you for all the life lessons that you taught me (or that I hope I learned)! I will miss running into you on the corridor, wearing assorted clothing! But I hope that we can continue the tradition of the Magar (aka – something along the lines of a donkey) card game which will provide plenty of opportunities for you to wear the crown!

Respectfully For: Paul Ramaekers (Charlie Harper)

Family, friends and the geological community are mourning the loss of Paul Ramaekers (August 1, 1944 – April 19, 2021), who died unexpectedly at the age of 76 in Calgary.

Many of Paul's friends and colleagues contacted me and expressed their disbelief, shock and great sadness of his unexpected death. He was admired and respected as a person, and for the many and valuable contributions he made to the field of geology. Personal comments about Paul are included below.





Paul's outstanding geological career was highlighted in his 2008 induction into the Saskatchewan Geological Society's Geoscience Honour Roll Citation:

"Geoscience Honour Roll Citation – Paul Ramaekers

Paul Ramaekers was born in the Netherlands where he received his early education. His family moved to Canada when he was 12 years old and following completion of secondary school education he entered the University of Toronto where he obtained both a B.Sc. (Hon.) and Ph.D., the former in 1967 and the latter in 1975. His Ph.D. thesis dealt with the quantitative analysis of complex shapes, which was applied specifically to vertebrate fossil remains. He employed this approach to interpret data, and it became a principal component of his analytical work that made it possible to discriminant functions to classify data. Today a similar approach has become the backbone of the neural network approach to artificial intelligence. During the period that he was working on his Ph.D., he did stratigraphic and paleontologic field work in the N.W.T. (Ellesmere Island), Yukon, B.C., Alberta, Saskatchewan, and Wyoming. His particular inter-

ests were the fossil assemblages and stratigraphy of Cretaceous and Tertiary basins, and a number of significant finds were made elucidating the stratigraphy, structural history and paleobiology of several Mesozoic units.

Paul came to the University of Regina as a sabbatical replacement during the 1974-75 academic year, during which time he taught Introductory Geology, Invertebrate Paleontology and Historical Geology. His one-year appointment at the University turned into a ten-year association with the Province of Saskatchewan as when that one-year term appointment ended at the university he joined the Saskatchewan Geological Survey as a Senior Sedimentary Geologist involved in mapping the 80,000 sq. km. Athabasca Basin. It was during his five years with the Survey and through his work in the Athabasca Basin that he made his major contribution to geoscience in Saskatchewan. Through his several years of field work and extensive examination of drill cores from the basin, he developed a regional stratigraphic framework for the Athabasca Sandstone, which has prevailed over the past 20 years. There have been some additions to that framework, but they have been mainly through the recognition of members



and sub-members within his basic subdivisions, and most recently, the identification of sequence boundaries within his original stratigraphic succession. It also became evident from his work that much of the Athabasca Formation was made up of continental deposits having a fluvial origin and a broad easterly source ranging from northeast to southeast. In addition, he recognized a previously unknown marine component in the upper part of the succession in the Athabasca basin, which was composed of tuffaceous phosphatic rocks. He also recognized a regional correlation between uranium occurrences and permeable fluvial, conglomeratic units, thus providing the means for selecting additional prospective areas for uranium occurrences.

During his time at the Survey, Paul maintained an association with the University of Regina through sessional lecturer appointments in which he coordinated and taught the geomorphology, geology, water and mineral resource section of an interdisciplinary course in the Natural History of the Great Plains.

Paul left the Geological Survey in 1980 to become a Senior Sedimentary Geologist with the Research and Development Branch of the Saskatchewan Mining Development Corporation, one of the precursor companies to Cameco. He left SMDC in 1985 to become an independent consulting geologist, and for the next six years he worked on projects in the Yukon, B.C. Alberta and Saskatchewan.

In 1991 he became part of a three-man team that carried out basin analyses of the Ghadames and Murzuq Basins in Libya, and contiguous Algeria, Tunisia, Niger, and the Central Mediterranean. The group was involved in mapping the Paleozoic rocks of the area and evaluated their oil and gas potential. Paul's specific assignment was the Cambrian to Silurian part of the succession. In 1998 Paul returned to Canada to settle in Calgary, where he owns and operates a one-man mining exploration and consulting company, MF Resources Inc, and from time to time his assignments bring him back to the Athabasca Basin."

Charlie Jefferson, a retired geologist with the Geological Survey of Canada, Ottawa, had high praise for Paul, which augments the Honour Roll Citation;

"Paul was the godfather of Athabasca Basin geology and uranium metallogeny. He published the founding synthesis of how the basin formed in 1990, was an active consultant in uranium exploration across Canada, and mentored the EXTECH IV Athabasca Uranium Multidisciplinary Study from 2000 to 2007. This was a government-industry-academic consortium that studied all geoscience aspects of the Basin for which he published cornerstone papers in the 2007 final volume. Paul invented an ingenious quantitative digital core logging system that EXTECH IV implemented and still provides rigorous objective lithostratigraphic data from logging drill cores in the Athabasca and Thelon basins. He developed tectonic models for Proterozoic basin development and uranium mineralization, synthesizing structure, stratigraphy and geochronology. After EXTECH IV, Paul remained very active as a consultant and scientific collaborator in ongoing government-led research projects on the Athabasca Basin. Paul had a broad deep knowledge of, and consulted on Proterozoic basins in the Canadian Shield from the Arctic Ocean to Quebec and Alberta, as well as globally."



In addition to Paul's ongoing consulting work in Proterozoic basins, he also investigated the potential for lithium-bearing pegmatites in the far northeast corner of Saskatchewan. Paul had the ability to document the small details in his research work and transfer that knowledge to the big picture. His broad knowledge and enthusiasm for geology will be sadly missed.

My wife, Marlene, and I began our decades-long friendship with Paul in the mid-1970s, when he and his wife, Michelle, and their children arrived in Regina. Over the years Marlene and I have embraced many warm and entertaining visits with them in each others' homes, whether they were here in Regina, in Saskatoon and later in Calgary and when either of us were travelling across the country or meeting up at conferences. Paul had a wry sense of humour. I enjoyed the sometimes lengthy geology discussions with Paul. He also liked to talk about his children, Mark, Carrie, Suzanne, and Elise, and in later years his grandchildren. He would recount trips he and the family had been on, and descriptions of his and Michelle's life in Libya were captivating. He also enthusiastically discussed world events. We will miss him dearly.

"In my mind Paul is someone who almost seemed immortal. As the years went by, every time I would see him he seemed to never get older, because he always looked the same." (*Garth Drever, Frontier Lithium, Sudbury*)

"Another loss to the geological community! Paul will always be remembered for his pioneering work in Saskatchewan on the Athabasca Sandstone, work that has served the uranium exploration industry well." (*David MacDougall, Regina*)

"Paul seemed to be doing geology and providing his insights all the way to the end." (*Kevin Ansdell, University of Saskatchewan Geology Department, Saskatoon*)

"Paul made a huge contribution to our geoscience knowledge of the Athabasca Basin. I appreciated his keen, enthusiastic interest in various aspects and disciplines of geology... including Quaternary. I always enjoyed discussing concepts and ideas with him. He will be missed." (*Janet Campbell, Geological Survey of Canada, Ottawa*)

"I knew Paul for many years and enjoyed many geological conversations with him." (*Sierd Eriks, ALX Resources Corp., Vancouver*)

"I've spent the last day trying to remember all the important things he told us. I'll never remember them all." (*Colin Card, Saskatchewan Geological Survey, Regina*)

"Hearing about Paul's loss is such a shock. I have had the great good privilege to work with him over more than fifteen years, first as a fellow aficionado of the Canadian Shield's Proterozoic evolution, then more specifically on Athabasca Basin and its basement, and ultimately as a good friend. I remember his bright eyes and smile as we poured over maps and geophysics weaving nets of hypotheses about the globe, his generous hospitality, his breathtaking ability to switch from sediment grain boundary processes to supercontinent evolution, seemingly in the same breath. There was/is no one like him—an encyclopedic memory for geology and formations, a sharp sense of humour and a great debater of



all things in the wide world that so endlessly fascinated him. His contribution to Saskatchewan and Churchill geology is huge, and enduring as his time and space integrated approach lives on.

My heart goes out to Michelle and their family. Rob, Gavin and I will miss his visits and long leisurely lunches and brunches with so many stories.” (*Sally Pehrsson, Geological Survey of Canada, Ottawa*)

“Although I did not know Paul very well, he has been part of our community for as long as I can remember.” (*Brian Brunskill, President of Saskatchewan Geological Society, Regina*)

“At the Saskatchewan Geological Survey Paul worked up and I worked down. This may sound a bit odd, but our common interest was at the unconformity at the base of the Athabasca sedimentary basin, the site of Saskatchewan’s world class uranium deposits. Mine was in the rocks that underlie the unconformity; Paul’s was in those above it. His contribution to understanding the geology of the basin was without equal and I have no doubt that it will be remembered as such. His dedication to work and his energy were outstanding. It was a joy to be associated with him and discuss questions of geology particularly in respect to the genesis of the uranium deposits. He was not shy about stating his opinions and there was sometimes agreement and sometimes not, but that’s as expected.

His passing is a great loss to the geology community and he will be sorely missed. Both Penny and I offer Michelle and family our thoughts and prayers.” (*Tom and Penny Sibbald, Kimberley, BC*)

“A sad loss of a long-standing friend and colleague, whom I greatly admired. We met in 1975 and both worked at the Subsurface Lab (Saskatchewan Geological Survey) until he moved on, soon before me. While he conducted all those landmark surveys in the Athabasca in the 1970s, for several years he generously let me stay at his field camp as a base for my lake sediment and biogeochemical surveys around the Basin. Great memories of his warm company and intellect. He will be sorely missed, but certainly not forgotten.” (*Colin Dunn, Victoria*)

“Paul Ramaekers was my mentor, collaborator and friend. When I was an aspiring geologist, working my way through university, I initially heard the name ‘Paul Ramaekers’ during my summer job with Charlie Jefferson and Darrell Long, as part of the EXTECH IV program in the Athabasca Basin. At this time, I was really only concerned about two things, doing my work well and having memorable adventures. Having not yet met him, Paul was a mystical man, it seemed that every geology-based sentence, from supervisor’s and senior’s, contained Paul’s name. I did meet Paul in the summer of 2001, but as I listened to the discussion, I started questioning my career choice due to the fact I could only understand a fraction of the conversation. During this initial encounter, I recall walking over some boulders (Paul probably used the word *felsenmeer* or the like), and Paul making some grandiose interpretations about the formation of the basin based on this float. He was so passionate and crazy-smart (the word us junior field assistants would use to describe Paul), that his talent was unmatched. Apparently, these early interactions with Paul didn’t scare me off, as the EXTECH IV work led me to my current job with the Saskatchewan Geological Survey (SGS); however, I never imagined I’d have to ‘deal’ with Paul for the next 15 years.



In my early days with the SGS, I recall prepping for Saskatchewan Open House talks, and only worried about one thing (probably underselling this...petrified): “What if Paul asks me a question in the main auditorium?”, as my new research area was in Paul’s domain...the Athabasca Basin. I don’t even remember if I spoke to Paul this first year; I was hiding, probably in a bar. We did eventually meet up of course, Paul had a way of finding you and descending immediately into deep discussion. I usually held on to the first ten minutes of these conversations, but then the deep-dive, into what Paul really wanted to talk about would begin...a new idea he wanted to bounce off someone. Unfortunately, the ball didn’t bounce very far during these parts of the conversation, my vocabulary was limited to something like ‘interesting’ or other, equally amateur, words.

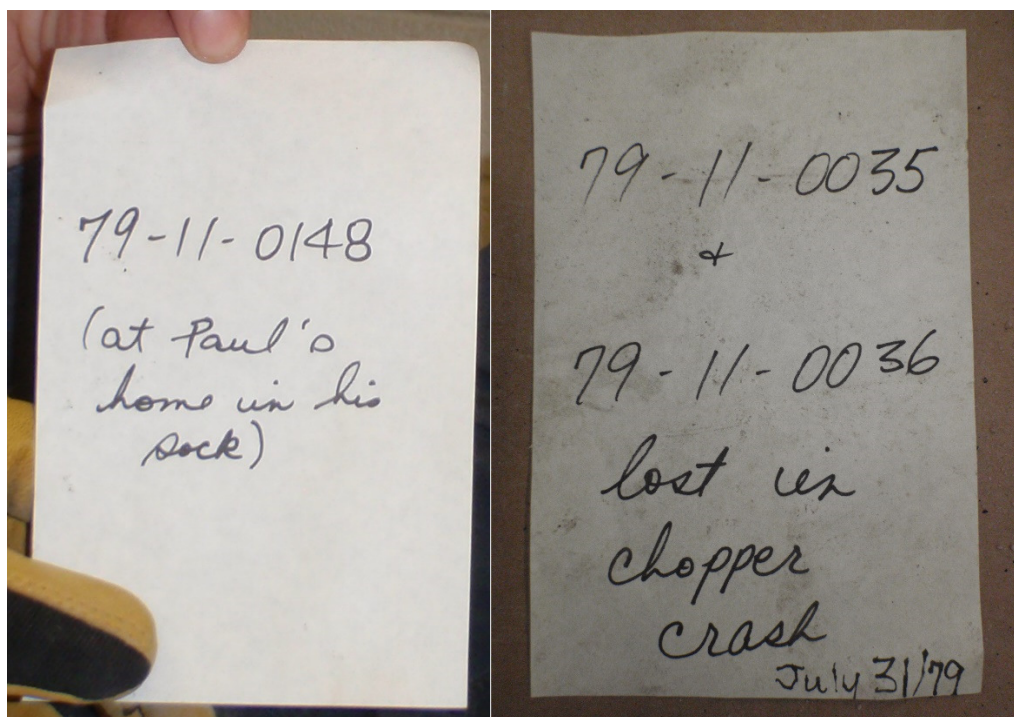
As the years went on, I mustered up the courage to call Paul from time to time, the unique, low-hum of his home telephone indicated that you had the correct number. Now calling Paul couldn’t be done prior to any meetings, 30-minute conversations were a minimum, but have been known to last several hours. Eventually, phone calls *from* Paul began and at some point pure mentoring evolved into a mentor/collaboration relationship. Paul and I wrote a number of papers together, the first one being another eye-opening experience, ‘just one more change’ to the manuscript was necessary, even though the deadline was weeks past. To Paul, there were no deadlines in science. Together we drove the evolution of nomenclature for the Athabasca Basin, coining the name Athabasca Supergroup.

One or two times per year, Paul and I would collaborate at the Subsurface Laboratory in Regina, scanning core together. At the lab, small talk was possible, and would creep into conversation every now and again. I began to learn about Paul’s geological career, he had a magnetism to helicopter mishaps and that he kept samples at home in socks (see images below). I gravitated towards these stories because they were my ideology of the study of geology, the science that included adventure.

While collaborating in-person will no longer be possible, our past discussions will be remembered as I continue with my career. Paul’s work will be referenced for many years, by anyone who works in the Athabasca Basin. Although, many of us who have had a conversation with Paul only understood a fraction of what he was saying (remember ‘crazy-smart’) we have all learned from Paul’s great ideas as he’s pushed our understanding of many aspects of geology far beyond the lessons learned from the Athabasca Basin.

Sample notes from Paul, discovered when using his 1970’s rock samples collected from the Athabasca Basin (we never did get sample 79-11-0148; probably still in his garage, in that same sock). “





(Sean Bosman, Saskatchewan Geological Survey, Regina)

“Paul was a unique person and I had the privilege of first becoming aware of this lanky, khaki clad, archetypical field geologist when I was a very impressionable summer student working for John Lewry and Paul was making a name for himself mapping the Athabasca Basin with the Saskatchewan Survey during the DREE funding days in the mid-1970s. Stories of Paul's wide ranging mapping activities around the basin, using float aircraft and helicopters, really captured my imagination and put him on a special tier of geologists for me to emulate during my student years. My next interaction with Paul was when I was Resident Geologist in Uranium City during the early 1980s when he would come through each summer and we would visit outcrops together and he would open my eyes and understanding into the nuisances of the Athabasca and Martin groups along the north shore of Lake Athabasca. This is when I first became aware that not all sandstone is created equally and as geologists we need to be aware of the differences. I can still remember some of the most magical days in my geological career visiting shoreline outcrops around Lake Athabasca with him, even after 40 years. My next interaction with Paul was his involvement in the Athabasca Basin during the heady and exciting EXTECH IV days of the 2000s with him leading the way in re-visiting concepts and ideas in the basin with the Saskatchewan Geological Survey and re-writing the next chapter in the basin's story. During my time in industry, I frequently interacted with Paul while he was consulting and representing junior exploration companies who had uranium interests in the NWT and the Arctic Islands. I fondly recall some of the most engaging and fascinating discussions I had with him during various SGS Open House meetings, sitting in chairs on the 2nd floor of the concourse of the Delta Bessborough Hotel, where we would speculate, debate, disagree and agree on aspects of the tectonic evolution of the Athabasca and Thelon basins and make comparisons with global basins elsewhere. Paul was always a geologist's geologist.” *(David Thomas, Retired Cameco Geologist, Saskatoon).*



I was shocked and deeply saddened by the news of Paul's death. Besides knowing him as a very capable and insightful geologist/colleague, I also knew him as a friend of many years, as a proud father and husband, as fine wood craftsman, and as a gardener who loved geraniums. It has been an incredible honour to put this tribute together in Paul's memory. Reading all the wonderful responses about Paul, that were sent to me, from mutual friends and colleagues across Canada, brought back so many fond memories of Paul. We will all miss him greatly *(Charlie Harper, Retired Geologist, Regina)*.



SASKATCHEWAN GEOLOGICAL SOCIETY CLOTHING 2020



There are still many items available.
Contact Samantha to find out what is in stock!
samantha.vandekerckhove@gov.sk.ca



Problems with your SGS ball cap?

Please let us know if you received the wrong style, or if the fastening at the back is faulty.

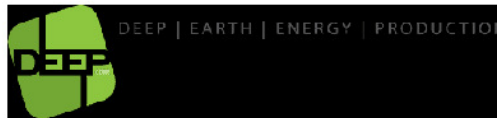


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