



Name: David Beamer
Employer: The Ontario Aggregate Resources Corporation
Education: Wildlife Habitat Restoration Ecology

David notes that, “My job is sort of new for this industry; there aren’t a lot of people doing it. So there’s a lot of opportunity for people who want to rebuild the ecosystem and help the environment.”

David coordinates rehabilitation projects on abandoned aggregate properties in Ontario. He also coordinates research with universities and other consultants to improve environmental rehabilitation in the aggregate sector. In David’s job, there is no typical day. “Usually, I’ll be visiting sites that have potential for rehabilitation. I am a part of creating a design that may result in the land becoming a site for forest, prairies or wetlands. I may potentially be conversing with other members of academia and the aggregate sector about the work.”

David enjoys his work because there is a huge potential for positive environmental impact and an opportunity to create benefits and gains. Because the mining industry has a lot of resources, he is able to be on the cutting edge of ecological research, techniques, and processes. “There’s a lot of cooperation too, so when we make gains everyone shares the knowledge. And there’s a lot of interest in the industry to do things environmentally better, so it’s a great time for me.”

David believes that the mining industry is well-suited for people who are passionate about the environment, realize resources are required, and want to help the industry become greener.”



Name: Shannon Truax
Employer: Dufferin Aggregates
Education: Environmental Engineering Technology

Shannon likes the fast-paced environment of her job. As she says, "I like how no two days are the same--I am constantly presented with new challenges that keep me learning!"

Shannon has five sites for which she takes care of the human resources (HR) and safety concerns. For example, on one site she might provide safety talks, on another, explain safe working procedures and on a third, how to recruit new employees. "Most of my days are spent at one or more of my sites. I go for site tours and visit with frontline supervisors and hourly employees. I think it is beneficial to get out there and see what is going on at the sites, to provide the support that they need."

As well, Shannon monitors any safety incidents or problems and tracks them to see if there are any trends. In addition to working with employees, she also works closely with Dufferin's external contractors to ensure they are working safely on company sites.

As for a career in the industry, Shannon believes that the mining industry is well-suited for people who like a fast-paced, constantly changing environment. Even though most of the principles will always remain the same, new programs and procedures are often emerging. Shannon's employer has provided her with the training she needs to do well in her job, even as the requirements change.



Name: Nathan Lintner
Employer: Caracle Creek International Consulting, Inc.
Education: BSc in Geology (in progress)

For six weeks in his job as a geological technician, Nathan Lintner took a helicopter to work every day. As he says, "I really like the fact that I rarely do the same thing for an extended period of time. I get to experience a vast portfolio of jobs and get to see a lot of country. I have travelled to BC, Saskatchewan, Nunavut and northern Ontario, as well as seeing places in between while on lay over."

On a typical day in the office, Nathan will assist geologists in preparing a National Instrument (NI) 43-101 report. The NI is a strict guideline for how public Canadian companies can disclose scientific and technical information about mineral projects to potential investors. He helps compile the report or also creates figures and maps using a graphical information system (GIS) program. Scanning and printing maps is also a big part of Nathan's job.

If he's in the field, a typical day will start with equipment preparation. Once in the field, Nathan aids the geologist in taking samples, mapping, or just prospecting. He completes data entry at the end of the day during sampling projects, and organizes and packages the samples.

Nathan believes that people who want to be geological technicians should be outgoing and have good physical endurance, with a love of the outdoors.

Nathan is undecided about his future plans, but he plans to stay in the mining sector and is leaning towards exploration geologist or geological consultant. "I enjoy the good wages in the industry and the close knit mining community."



Name: Dawn Hamilton
Employer: Iron Ore Company of Canada
Education: Mining and Mineral Processing Program;
College of the North Atlantic

Dawn Hamilton has been working in the mining industry for almost six years. She started as a process technician, then worked as a haul-truck operator and now works in the chemical laboratory as a sampler analyst performing quality control.

Dawn works with a team leader, chemist and three analysts. It's a close team environment, everyone has to communicate closely with each other since the work of one team member has an impact on the work of others.

"We have many different stations where we perform tasks," says Dawn. "At the "quicks" bench, we dry, split and weigh ore samples, and then use automation to get a chemical read out on the samples. "Inside quicks" is another part of the lab where we measure for magnetic content, for iron, silica and carbon. The third station is where we test the iron pellets. Each station has an important role in the overall process. For example, the results on an hourly basis are used by the Pelletizing and Concentrating Team leaders to make

adjustments to the quality output, resulting in a final product that is within conformance of customer requirements."

"I'm learning something new every day and I've benefited from training and mentoring at every stage of my career progression. I had a mentor for several weeks when I first became an analyst".

Dawn believes that to do well as a processing operator technician, a person needs strong inter-personal and communications skills and be disciplined and safety conscious not only in terms of his or her own safety, but that of others, too.

In Dawn's view, the opportunities and options in mining are endless. She also notes that, "Some women believe that it's difficult working with men at a mine. But the fact is, it's an inclusive, respectful environment."



Name: Jessica Bjorkman
Employer: Contract work; claim-staking for mining and exploration companies
Education: Introduction to Geology, Confederation College, Thunder Bay; and Wilderness First Aid

Jessica's love for the outdoors, exploration and adventure led her into a career as a prospector. She has never looked back: "It's too bad that people don't know about prospecting. People have this image of an old guy in the Yukon panning for gold." Rather than using pans, prospectors research promising grounds through computer databases and the Internet, and carry global positioning systems to pinpoint mineralization.

Braving the wilderness, hiking through the bush and flying over breathtaking landscapes can all be in a day's work for a prospector. "You definitely have to have the personality to put up with harsh conditions and just keep it going. You can't be a quitter."

It also takes time and hard work to build a good reputation in this field. Jessica finds that networking is the best way to sell her services to prospective mining and exploration companies. Now that she is well known, the work is steady and the pay is good. Contract prospecting and claim staking jobs can range from a few days to two or three weeks.

When not working on contracts, Jessica stakes her own claims for exclusive mineral rights. She also hopes to launch an adventure tourism business. At 25, Jessica has carved an exciting career for herself that fits well with her strengths and interests.



Name: Shastri Ramnath
Employer: FNX Mining Company Inc.
Education: BSc Geology, MSc Geology

Shastri always loved math and sciences, but when she first experienced geology, she discovered her real passion. "As a geologist, we look for clues, put together an interpretation of what happened and, based on that interpretation, we decide where we want to look. Geology is a lot like detective work!"

Shastri enjoys traveling, and when she found an opportunity to further her education at Rhodes University in South Africa, she jumped at the chance. "They had a great mineral exploration program with field trips to Namibia, Zimbabwe and throughout South Africa, so it was great," she says. Careers in Exploration Geology now offer opportunities to see the world. In fact, just recently, her employer sent her to Guinea, West Africa to supervise a drilling program.

A career as a geologist is dynamic, challenging, and rewarding. Besides the excellent salary, there is a wonderful opportunity to do something new everyday, work with computers, and have fun on the job. "If you like camping and getting out in the bush, it's great. I get to drive quads and snowmobiles and fly in bush planes and helicopters. If they paid me minimum wage, I'd still want to do this job."



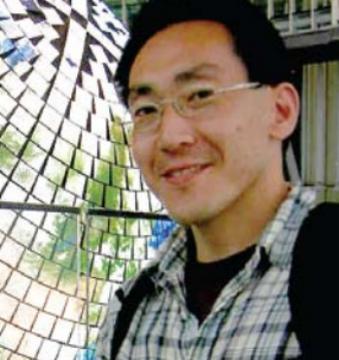
Name: Andy Baribeau
Employer: Goldcorp – Opinaca Mines
Education: Professional diploma in office systems

Andy loves the challenge of bringing people together so that they can work together toward common objectives. His main responsibility as Community Affairs Manager is to establish and maintain relationships between his employer, Cree communities and Jamesiens (the regional population that is not Aboriginal). His responsibilities also involve working and negotiating with different levels of government through all phases of a mining project. Ensuring that these groups communicate and collaborate is critical to the success of all mining projects in his company.

There is no typical day for Andy. On any given week he might be organizing a pre-consultation group with residents of a town, facilitating business focus groups or negotiating an impact benefit agreement. His work takes him all over northern Québec and he spends three-quarters of his time working away from the office.

The mining industry is an exciting place to work now because it is in the process of positive change. “The new leaders are now more aware of the impact of their actions and they must manage the resources accordingly. They must consider how their actions will affect workers, the environment and the communities. The industry is and must continue reinventing itself for the better,” says Andy.

In addition to his professional skills, Andy brings a personal advantage to his job. His father is Québécois and his mother is Cree. He has an intimate understanding of each group’s needs, which is helpful in his work. Bringing communities together is an objective that is close to his heart.



Name: Jiro Shiota
Employer: Caracle Creek International Consulting Inc
Education: Graphical Information Systems Specialist Program

Jiro is a geomatics specialist. He designs, maintains and manipulates geographic data, using specialized software to create maps and 3D models. Jiro manages a simple database which shows the registration status of various mining claims. His company obtains this information from provincial governments' websites. Jiro uses the database to make sure clients' mining claims are still current and haven't expired.

Jiro also helps out with new claims. As he explains, "When a new project comes up the first thing geologists require is a set of map data that provides base information such as roads, lakes and topography. I develop a procedure, which helps generate this dataset quickly no matter where the project is located. We have projects all over the world."

Jiro works primarily with a team of geologists; they collect information in the field, which Jiro uses back at the office. Jiro enjoys his work. "I feel satisfied when my map products help people make important decisions."

He also likes the mining industry, since in his view, it involves a certain level of imagination. "We're dealing with things that are buried underground. No matter how much data you collect, you need a geologist with a good imagination to interpret the data. Software certainly makes it easier to visualize your data, but at the end of the day, you realize that the most powerful tool you have is not your computer but your own brain. And, using that part of the brain is fun."