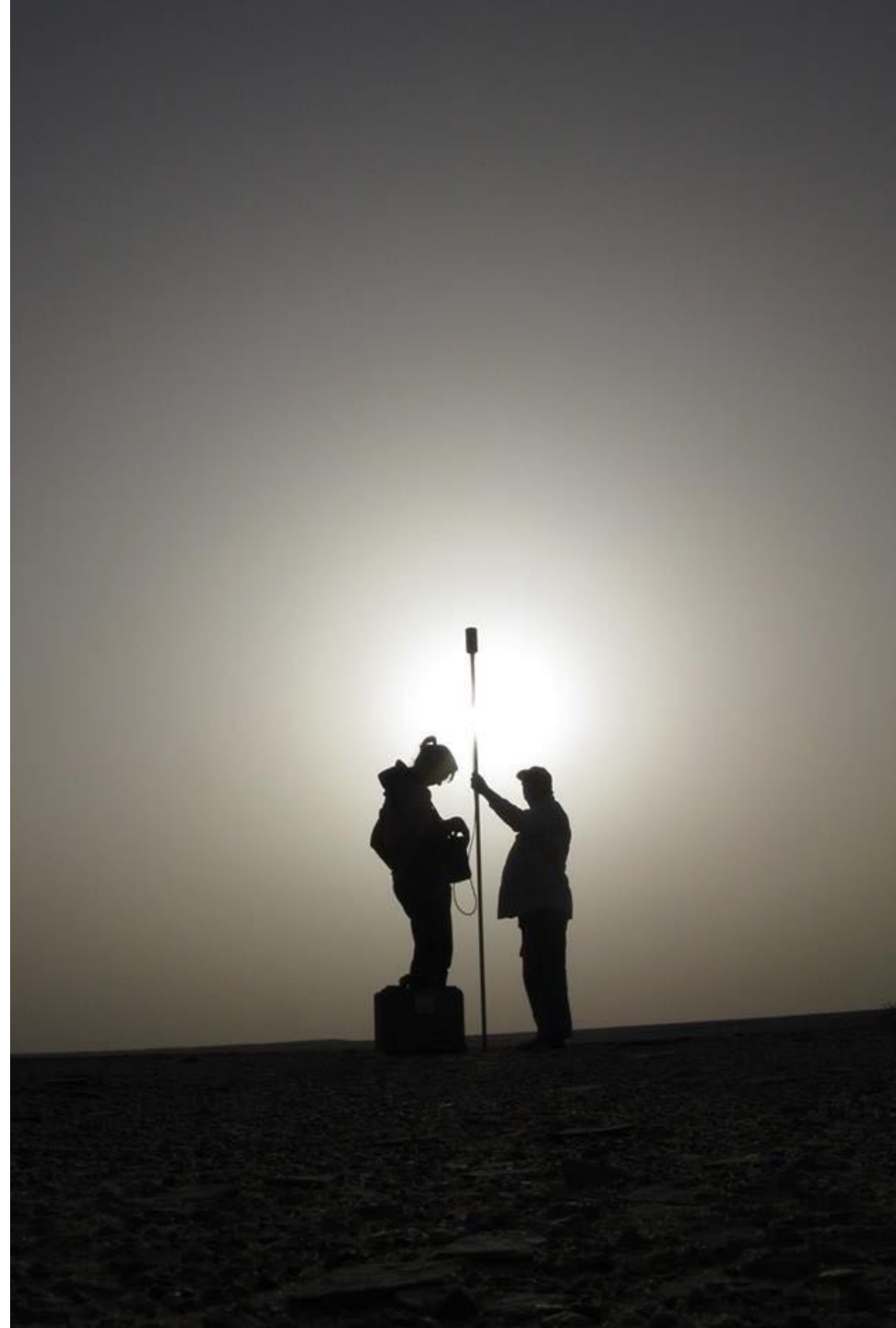


Nadine Veillette

A CAREER AS A  
GEOPHYSICIST: A  
CUMULATION OF  
UNPLANNED  
OPPORTUNITIES:



WHAT ON



IS GEOPHYSICS?

# My dream job as a child



- Wanted to be an astronaut
- Space Camp in the USA was too expensive
- Settled with the space camp in St-Hubert
- Employment prospects were not great



Good math =  
accountant or actuary



Science program to  
become an engineer

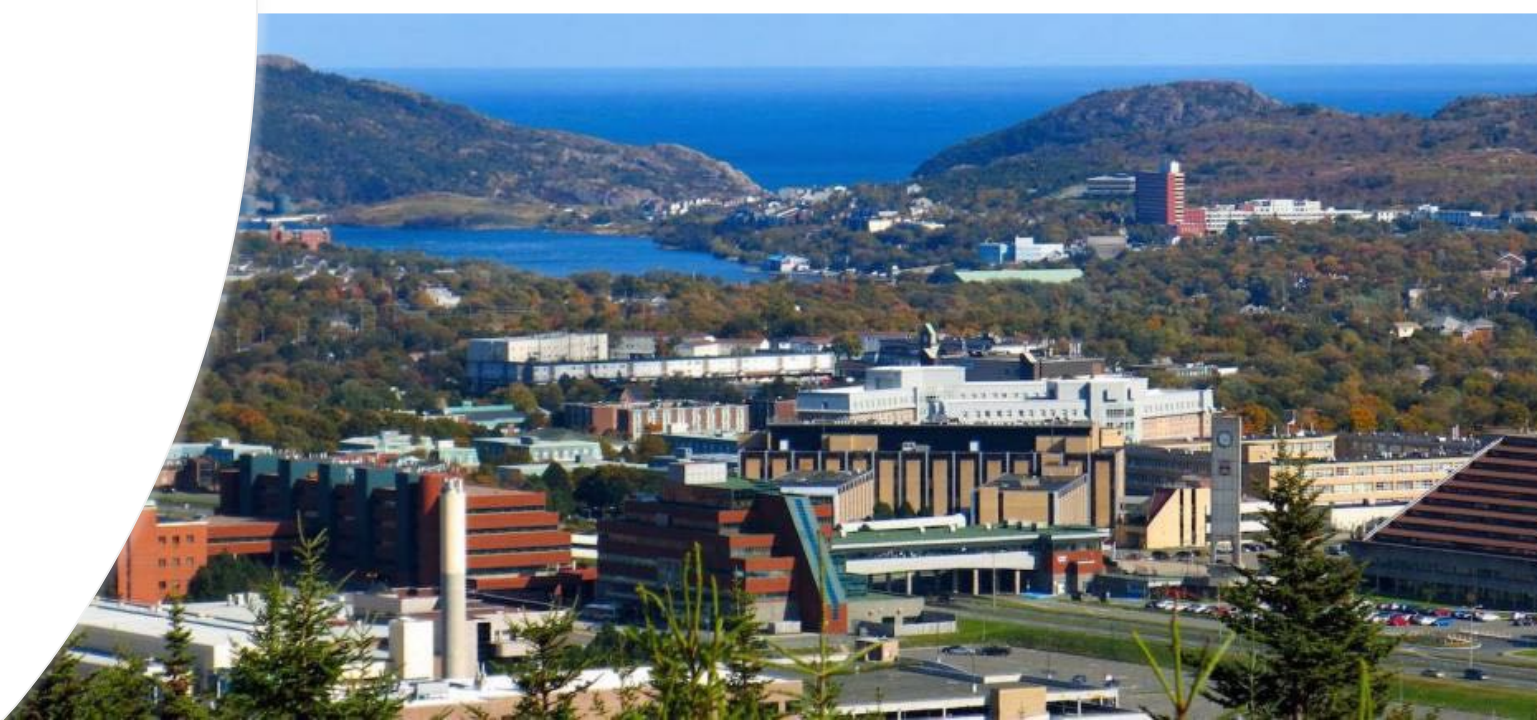


Dream  
vs  
Reality



# University

- University of Montreal ( 1 year of physics)
- Memorial University ( 2.5 years of geophysics)
- Internship at the University of New-Brunswick ( summer 2003)



# Why I became a geophysicist



Too chicken to enter the engineering program



Couldn't see myself as a research physicist



Because my parents didn't let me play volleyball in university



Because I had no idea what I was getting myself into

# SGL – Canadian Arctic







Internet cafe

• MIDNIGHT SUN



Skills development



Ekati

• DIAMOND MINE

# Tunisia-SGL



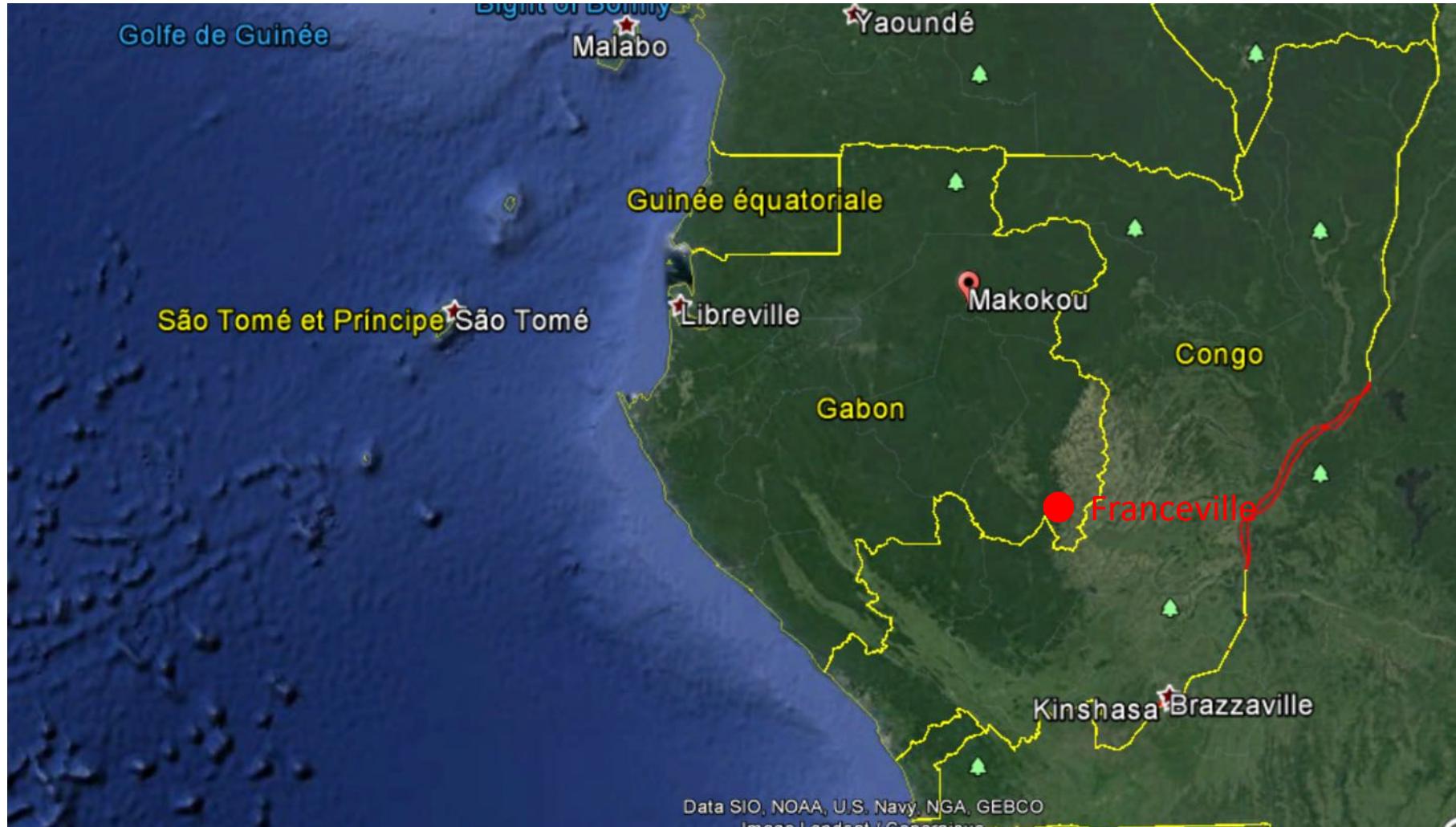


# Morocco-SGL





# Gabon- SGL



2006-2008





# Retrospection



Felt at the time that I was missing the follow up work



What to do with airborne data



Was intrigued by the geologists and wanted to get in the field to see the results

# Work with Junior companies- Gabon

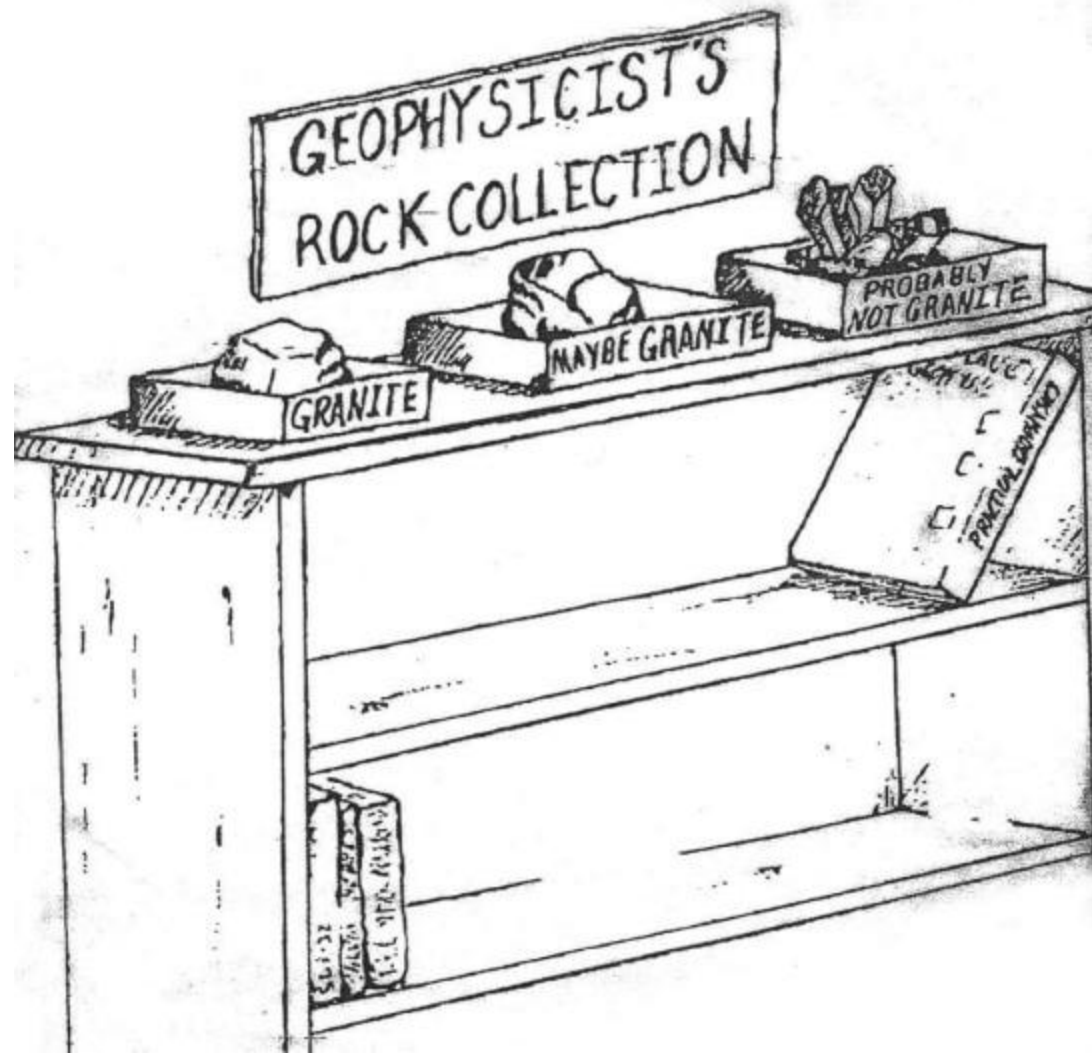


- Received a phone call
- Jumped on the opportunity



## Highlights

- Should have stayed with airborne
- Lead by example
  - Best accommodation
  - Best washing facilities
  - Sharing meals with the crew
- One year
  - More than 20 000 soil samples
  - 10 000 stream samples
  - 5 000 rock samples





Dome Venture



20 000 KM<sup>2</sup>, 4 TEAMS, RELATIONSHIP WITH  
GOVERNMENT

# Lessons learned working for Junior



I should have studied more geology



Trying to find minerals and the full context, geology, local communities, is a really exciting job



I learned diplomacy



Things move fast while working for a junior

# Republic of Congo



2009-2010



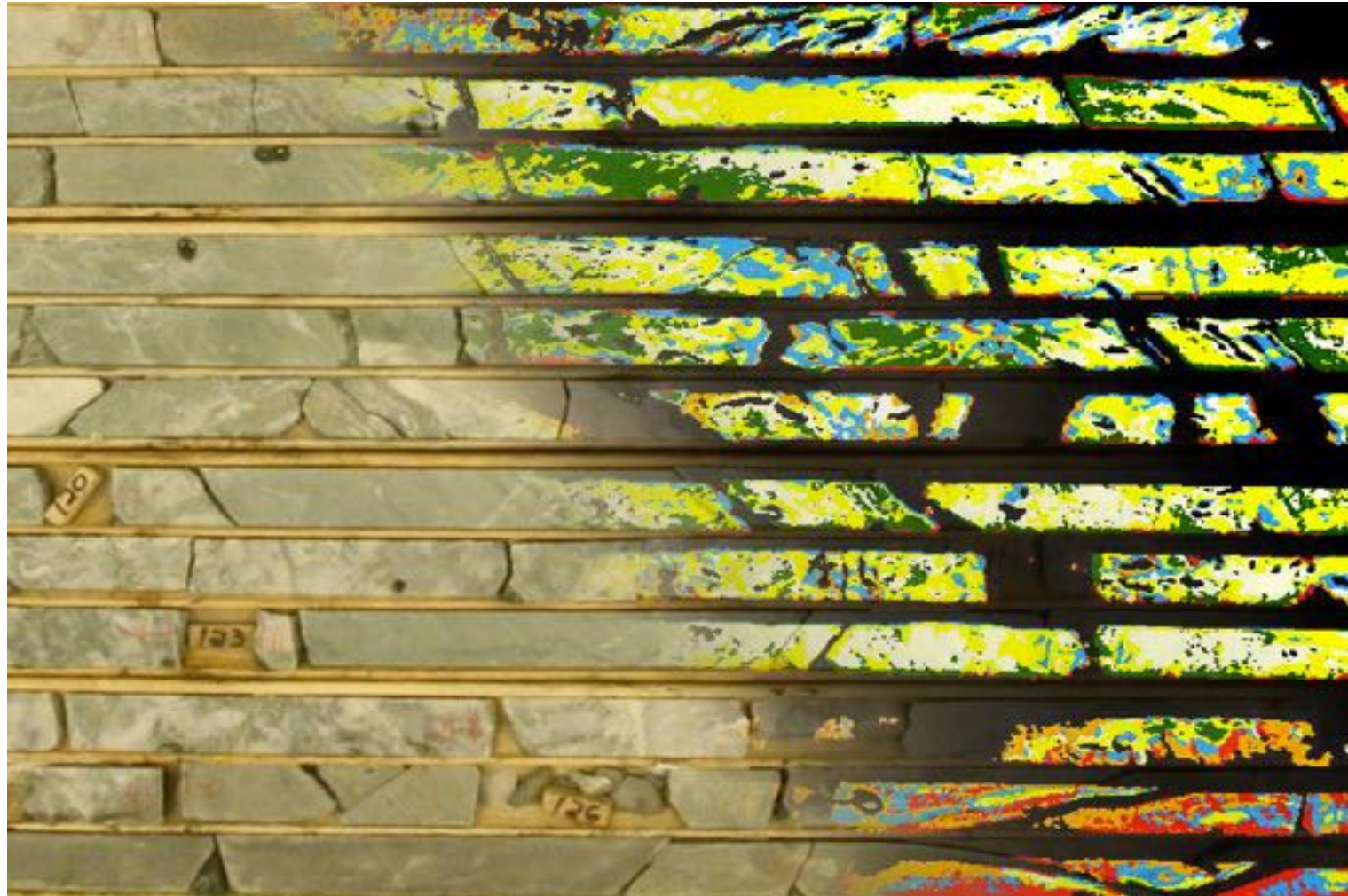








# Return Quebec



2010

# Republic of Congo- Xstrata Iron Ore



2011-2012









# Resistivity

- WORK WITH GEOLOGISTS
- TRAIN LOCALS
- IMMEDIATE RESULTS





## Downhole Geophysics

- EXPLORATION TO FEASIBILITY



Sunday

- VISITING THE AREA



• GREAT OPPORTUNITIES



## Things you learn

- DON'T TRUST YOUR FRIENDS WHILE WALKING IN THE JUNGLE





It's definitely  
granite



## Lessons learned working in Congo



Understanding mining operation processes

Importance of working with geologists

You need a thick skin to be the only geophysicist amongst a group of geologists

Consult with other geophysicists

Not to walk into a lair of fire ants



# Mauritania – Xstrata Iron Ore



2013





Ground resistivity



- FAULTS WITHIN THE AQUIFER







Drill camp



- 200 KM IN THE DESERT

Objective  
2.5 ML/day

Achieved  
3.9 ML/day

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# Return to Québec

- Market was very slow
- No network in Québec
- Very difficult year
- Was looking for a long term career
- Tired of being on the go



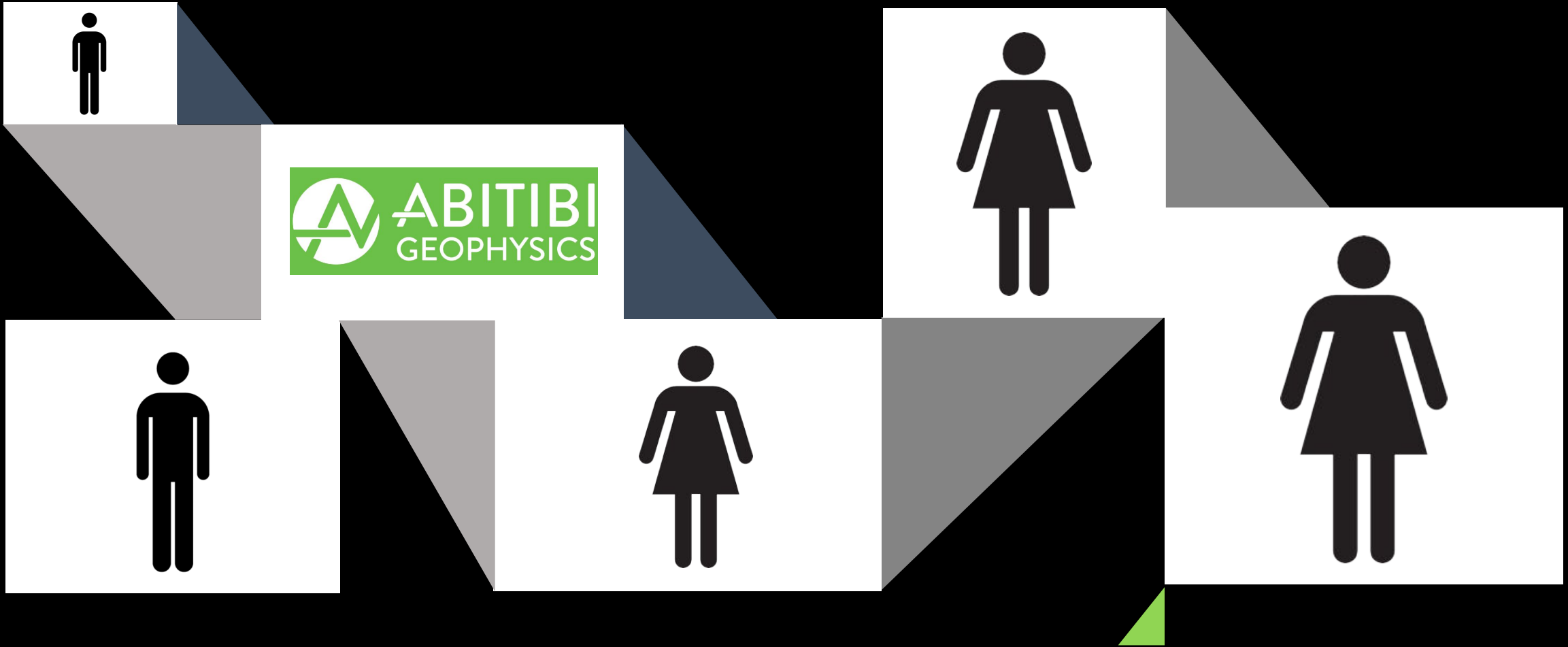
# Abitibi Geophysics?

- Extensive range of services
- State-of-the-art technology
- Affordable solutions that respect the client budget
- Accurate data acquisition by professional crews
- Exploration-targeted interpretation and reporting



## Woman in Geoscience

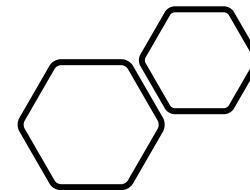
- Try as much possible to hire qualified woman
- Challenges
- Support from women and men



Shareholders



• PREPARED TO FACE THE PANDEMIC



# Tips



Experience from large mining companies will give you an edge



Try to complete as much as possible on a project from discovery to production



Build yourself a network



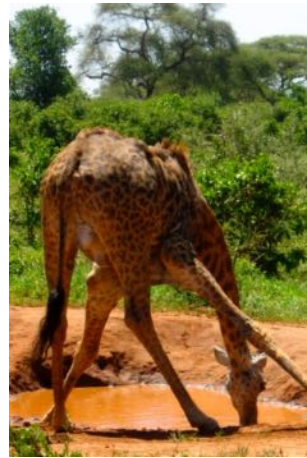
Try to think ahead of what you want to achieve in life and work to get the skills



Start with field work, ground geophysics, great way to learn.



Even without planning there are great opportunities that arise, stay alert and follow your gut feeling





## Conclusion



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Still have no idea how I got where I am today

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Stay open to new opportunities

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Use every opportunity you get to learn

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Stay honest – very small community

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As a woman don't doubt yourself

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Enjoy each minute

# Questions ???

