



STAFF PROFILE



Janine Brown, B.Sc., P.Geo.
Senior Geologist / Technical Director

EDUCATION

- University of Alberta, Edmonton, Alberta / 2009
 - Bachelor of Science with a Specialization in Geology

EXPERIENCE SUMMARY

Janine has been involved in all stages of exploration projects, ranging from early stage to mine site expansion programs. She has managed small grassroots programs including ground surveys, geological mapping and geochemical sampling, and she has co-managed multi-drill programs that have included bulk sampling programs. Project locations have ranged from remote (helicopter-/ float plane-supported) to heavily populated areas in Canada, USA, Mexico, Argentina and Australia.

Janine is experienced with database management, including the setup of and maintenance of projects in several database programs (Fusion and MX Deposit), and the QA/QC of collected data. Janine has written several NI 43-101 Technical Reports and she reviews technical reports completed by other geologists at Dahrouge.

DEPOSIT TYPES

- Rare Metals (Ta & Nb)
- Nb-Sc
- REE
- Lithium Pegmatite
- Metallurgical Coal
- Epithermal Au-Ag
- Lithium Brine
- Ni-Cu PGE
- Porphyry Cu-Mo-Ag-Au
- Sediment-hosted Cu
- Frac Sand
- Iron Ore
- VMS

LANGUAGES

- English (fluent)
- Spanish (intermediate)

SOFTWARE & INSTRUMENTATION

- Fusion (Datamine)
- ArcGIS
- Leapfrog Geo (Seequent)
- MX Deposit
- Imago
- Reflex EZ-Shot & Reflex EZ-Gyro
- Microsoft Office
- Strater (Golden Software)

CERTIFICATES

- Standard First Aid- Level C CPR/AED

PROFESSIONAL ASSOCIATIONS

- APEGA
- NAPEG



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PROFESSIONAL EXPERIENCE:

PROJECT	DETAILS
Gold (Orogenic) Exploration <i>Ontario, Canada</i> Project Manager 2021-2022	<ul style="list-style-type: none">• Database management• QA/QC for consistency of collected drill program data• Supervision of historical data compilation• Geological and geotechnical core logging, core sampling, and core photography
Copper-Gold-Silver Volcanic Massive Sulphide Exploration <i>Saskatchewan, Canada</i> Project Manager 2021	<ul style="list-style-type: none">• Supervision of historical data compilation and targeting for field exploration program• Report writing
Nickel-Copper Platinum Group Element Exploration <i>Saskatchewan, Canada</i> Project Manager / Modeller 2019-2020	<ul style="list-style-type: none">• Plan and manage exploration programs including lake sediment sampling and small heli-supported drill program (<1000 m)• Develop and implement core processing protocols• Manage and review historic data compilation• Complete numeric evaluation models from historic data• Generate memos
Iron Ore Exploration <i>New York, USA</i> Project Manager/Geologist 2019	<ul style="list-style-type: none">• Manage and conduct relogging of historic drill core• Evaluate geology• QA/QC of data collected• Setup project database in Datamine• Generate procedural memos
Multiple Metallurgical Coal Exploration <i>Alberta, Canada</i> Project Geologist 2013 - Present	<ul style="list-style-type: none">• Assist with permitting, planning and implementation of exploration programs• Prospecting, geological mapping, trenching and coal sampling• Chip logging and downhole geophysical survey interpretation• Geological modelling and interpretation• Assist with generating NI 43-101 and JORC Reports
Gold (Epithermal) Exploration <i>Colorado, USA</i> Senior Geologist/ Manager 2019	<ul style="list-style-type: none">• Manage soil sampling and ground magnetic survey• Geological mapping and geochemical rock sampling• Complete geological map of Property based on field mapping and ground magnetic survey• Generate summary report and JORC report
Lithium (Pegmatite) Advanced Exploration <i>North Carolina, USA</i>	<ul style="list-style-type: none">• Co-plan and implement exploration programs• Co-manage drilling, road construction, geology and logistics<ul style="list-style-type: none">○ Multiple drills



STAFF PROFILE

Project Manager / Geologist
2017 - 2018

- Geological and geotechnical core logging, core sampling, specific gravity measurements and core photography
- Develop and implement core logging protocols
- Data QA/QC

Lithium (Pegmatite) Exploration
Manitoba, Canada
Project Manager / Geologist
2017

- Permit, plan and implement exploration and QA/QC programs
- Manage budget, road construction, drilling, and geology
 - One drill
- Develop and implement core processing protocols and review data collected
- Geological and geotechnical core logging, specific gravity measurements and core photography
- Drill site marking, drill rig alignment and downhole deviation surveys

Lithium (Brine) Exploration
Nevada, USA
Project Geologist
2016 - 2017

- Ground gravity surveys on several properties

Rare Earth Element (Carbonatite) Advanced Exploration
Eastern Canada
Project Manager / Geologist
2015 - 2016

- Manage remote field program
 - float plane/ helicopter-supported drill program
- Geological and geotechnical core logging, core sampling and core photography
- Setup project in Datamine
- QA/QC of data collected
- Provide hydrogeological support
 - Set-up level loggers in specified drill holes; collect measurements before, during and after pump test

Copper (Sediment-hosted) Exploration
Coahuila, Mexico
Project Geologist
2013

- Conduct QP site visit and generate NI 43-101 Technical Reports

Niobium & Scandium (Carbonatite) Advanced Exploration
Nebraska, USA
Project Manager / Geologist
2011-2015

- Co-manage drilling, geology and metallurgical programs
 - Multiple drills
- Geological core logging, core sampling, specific gravity measurements and core photography
- Generate and implement core processing protocols and QA/QC

Tantalum & Niobium (Carbonatite) Advanced Exploration
British Columbia, Canada
Project Manager / Geologist

- Plan and implement exploration and QA/QC programs
- Manage road construction and drilling
 - Multiple drills



STAFF PROFILE

2007-2012

- Conduct and supervise geological and geotechnical core logging, core sampling, specific gravity measurements and core photography
- QA/QC of data collected
- Geological field mapping, prospecting and geochemical rock, soil and stream pan concentrate sampling
- Data interpretation
- Generate Assessment Reports and summary procedural memos

Rare Earth Element (Mafic) Exploration

Western Australia
2011

- Plan and implement exploration program
- Conduct geochemical rock and soil sampling
- Generate Assessment Reports

Copper, Silver, Gold Porphyry Exploration

British Columbia, Canada
2010

- Prospecting, geological mapping and organic sampling
- Data interpretation

PROFESSIONAL DEVELOPMENT:

DESCRIPTION	TYPE	YEAR
• MX Deposit – Data Management MX Deposit – Data Management	Roundup Short Course	2022
• MX Deposit – Data Management	Roundup Workshop	2020
• Controls on Precambrian Gold Deposits with a focus on the Superior Craton	Roundup Short Course	2020
• Porphyry Cu-Au-Mo Deposits (SEG)	Roundup Short Course	2018
• Leapfrog Geo Fundamentals	Training Course	2015
• Au-Ag Epithermal Exploration <ul style="list-style-type: none">◦ Santa Cruz, Argentina	2-week Internship	2011
• Fusion (Datamine) Database Training	Training Course	2010