



Janine Brown, B.Sc., P.Geo.
Senior Geologist

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's commodity experience has focused on rare metals, rare elements, lithium and structurally complex metallurgical coal deposits. Janine is one of the Fusion (Datamine) administrators and sets up projects in the database. She also designs project specific core processing protocols; and performs QAQC on the data collected.

DEPOSIT TYPES

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

LANGUAGES

- English (fluent)
- Spanish (intermediate)

SOFTWARE & INSTRUMENTATION

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

CERTIFICATES

- Standard First Aid- Level C CPR/AED

PROFESSIONAL ASSOCIATIONS

- APEGA
- NAPEG



PROFESSIONAL EXPERIENCE:

PROJECT	DETAILS
Nickel-Copper Platinum Group Element Exploration <i>Saskatchewan, Canada</i> Project Manager / Modeller 2019-Present	<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> Project Manager / Geologist 2017 - 2018	<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• 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 <i>Manitoba, Canada</i> Project Manager / Geologist 2017	<ul style="list-style-type: none">• Permit, plan and implement exploration and QA/QC programs• Manage budget, road construction, drilling, and geology<ul style="list-style-type: none">○ 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

2007-2012

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



STAFF PROFILE

**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	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