Fred H Brown
Geologist & Geospatial Analyst

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Qualifications

• Registered Professional Geoscientist - APEG British Columbia (171062), and Registered Member, Society for Mining, Metallurgy, and Exploration (4152172).
• Current FAA Part 107 Remote Pilot Certificate.
• Certified Wilderness First Responder.
• Conversational Spanish, Russian and Afrikaans.
• MSHA surface certification (metal and non-metal).
• United States citizen.

Expertise

• Economic Geology.
• Geographic Information Systems.
• Geological Mapping, including field, underground and open-pit.
• Drilling Operations.
• Resource Modeling.
• Technical Reporting.
• Sampling Programs.

• Experienced with multiple software platforms, including MS Office, ArcGIS, QGIS, Global Mapper, Leapfrog, Vulcan, GEMS and Minitab, as well as Python and Powershell scripting.
• Licensed remote pilot proficient in drone-based mapping, topography, volumetrics and photogrammetry.

Work History

• 2022 to present. Consulting Geologist in private practice.
• 2016 – 2022. Senior Resource Geologist, GRC Nevada.
• 2015 – 2016. Senior Geostatistician, Newmont Mining.
• 2004 – 2015. Consulting Geologist in private practice
• 1988 – 2004. Chief Geologist, Anglo American Corporation & De Beers, South Africa.
• 1975 – 1982. US Army (Airborne). Honorable discharge as a Non-Commissioned Officer.

Education

• Certificate in Geographic Information Systems, University of California San Diego, 2016.
• Citation in Applied Geostatistics, University of Alberta, 2015.
• Master of Science (Engineering), University of the Witwatersrand, 2005.
• Bachelor of Science (Geology), New Mexico State University, USA, 1987.