



# P&E MINING CONSULTANTS INC.

Geologists and Mining Engineers

## Corporate Profile

P&E Mining Consultants Inc., established in 2004, provides geological and mine engineering consulting reports, Mineral Resource Estimate technical reports, Preliminary Economic Assessments and Pre-Feasibility Studies. In addition we are affiliated with major Toronto based consulting firms for the purposes of joint venturing on Feasibility Studies. Our experience covers over 300 technical reports on diamonds, most metallic deposits including gold, silver, base metals, PGM and iron for both open pit and underground deposits. Software packages utilized include Gemcom, Whittle, NPV Scheduler, Vulcan, Ventsim and AutoCad.

Our more than 20 associates have experience in geological interpretation, 3D geologic modeling, technical report writing, Mineral Resource and Mineral Reserve Estimates, property evaluations, mine design, production scheduling, operating and capital cost estimates and metallurgical engineering. P&E Mining Consultants Inc. operates under Certificates of Authorization from the provinces of Ontario, Newfoundland and Saskatchewan. Associates are also licenced in the provinces of British Columbia, Quebec, NWT/Nunavut and New Brunswick.

## Professional Affiliations

- Association of Professional Geoscientists of Ontario
- Association of Professional Engineers and Geoscientists of Saskatchewan
- Association of Professional Engineers and Geoscientists of Newfoundland and Labrador
- Association of Professional Engineers and Geoscientists of New Brunswick
- Association of Professional Engineers and Geoscientists of British Columbia
- Ordre des Geologues du Quebec
- Professional Engineers Ontario
- Canadian Institute of Mining and Metallurgy
- Prospects and Developers Association of Canada
- Geological Association of Canada

## Corporate Affiliations

- Knight Piesold
- Consultec
- Lycopodium
- SNC Lavalin
- Worley Parsons Canada
- Jacobs Minerals Canada
- Golder Associates
- Nordmin Engineering
- Billiken Management Services
- SPAR Engineering Solutions
- EHA Engineering

## Services We Provide To The Mineral Industry

- Exploration Program Recommendations
- Geological Reports
- Database Management and Quality Assurance/Quality Control
- Mineral Resource and Mineral Reserve Estimates
- Open Pit and Underground Mine Design
- Preliminary Economic Assessments
- Pre-Feasibility Studies
- Feasibility Study Geological and Mining Contribution
- 10 P.Geo. and 12 P.Eng. Associates
- All Technical Reports are NI 43-101 Compliant
- Due Diligence Reviews for Potential Acquisitions
- Technical Drawings and Graphics for NI 43-101 Technical Reports and Presentations
- Digital Restoration of Historic Hard Copy Drawings
- Geological and Mining Website Design, Development and Maintenance





## Examples of P&E's Numerous Resource Estimate Technical Reports are as Follows:

- Aldridge Minerals – Yenipazar (Au,Ag,Cu,Zn)
- Aquila Resources – Back Forty (Zn,Cu,Pb,Ag,Au)
- Aquiline Resources – Calcatreu (Au,Ag)
- Aston Bay Holdings – Seal (Zn,Ag,Pb)
- Camino Minerals Corp. – El Chapitos (Cu)
- Canadian Arrow Mines – Kenbridge (Ni,Cu,Co)
- Canadian Royalties – Nunavik (Ni,Cu,Co,Au,Pt,Pd)
- Eastmain – Eastmain Mine (Au,Cu)
- Fortune Minerals – Nico/Sue Dianne (Co,Au,Bi,Cu)
- Fosfatos del Pacifico – Bayovar 9 (P<sub>2</sub>O<sub>5</sub>)
- Golden Band Resources – La Ronge (Au)
- Khan Resources – Dornod (U)
- Kinross Gold – Fruta del Norte (Ag,Au)
- Klondex Mines – True North (Au)
- Marathon PGM – Marathon/Bird River (Ni,Cu,Co,Au,Pt,Pd)
- Mongolyn Alt – Tsagaan Suvarga (Cu,Au,Mo)
- Minco Silver – Fuwan/Changkeng (Ag,Au,Pb,Zn)
- Minsud Resources – Chita Valley (Cu,Au,Mo)
- Noront Resources – Eagle One (Ni,Cu,Co,Au,Pt,Pd)
- Pretivm – Snowfield/Brucejack (Au,Cu,Mo)
- Shore Gold – Star/Orion South (Diamonds)
- Silver Standard – Pitarrilla (Ag,Cu,Pb,Zn)
- Treasury Metals Inc. – Goliath (Au,Ag)
- True Gold Mining – Karma (Au)
- Ursa Major Minerals – Shakespeare (Ni,Cu,Co,Au,Pt,Pd)
- Virginia Mines – Coulon (Zn,Cu,Pb,Ag,Au)
- Western Prospector Group – Gurvanbulag (U)

## For a Complete Project List Refer to:

<http://www.peconsulting.ca/projects.html>

## In Addition, P&E's Preliminary Economic Assessments (PEA), Pre-Feasibility (PFS) and Feasibility Study (FS) Experience Has Been as Follows:

- PEA – Bard Ventures – Lone Pine – B.C.
- PEA – Cadillac Ventures – Thierry – Ontario
- PEA – Callinex Mines – Nash Creek – New Brunswick
- PEA – Canadian Royalties – Nunavik – Quebec
- PEA – Continental Precious Minerals – Viken – Sweden
- PEA – DNI Metals – Buckton – Alberta
- PEA – Eastmain Resources – Clearwater – Quebec
- PEA – Endeavour Silver – El Compass – Mexico
- PEA – Golden Dawn Minerals – Greenwood – B.C.
- PEA – Marathon PGM – Marathon – Ontario
- PEA – Moneta Porcupine – Golden Highway – Ontario
- PEA – Noront Resources – Eagle One – Ontario
- PEA – Orefinders Resources – Mirado – Ontario
- PEA – Queenston Mining – Upper Beaver – Ontario
- PEA – Red Tiger Mining – San Antonio – Mexico
- PEA – Sandspring Resources – Toroparu – Guyana
- PEA – Strongbow Exploration – South Crofty – UK
- PEA – Thundermin Resources – Little Deer – Nfld
- PEA – True Gold Mining – Karma – Burkina Faso
- PEA – Votorantim – Murray Brook – New Brunswick
- PFS – Anaconda Gold – Pine Cove – Nfld
- PFS – Cliffs Natural Resources – Black Thor – Ontario
- PFS – Endeavour Silver – Terronera – Mexico
- PFS – Golden Band – La Ronge Gold – Sask
- PFS – Mongolyn Alt – Tsagaan Suvarga – Mongolia
- PFS – Pershimco – Cerro Quema – Panama
- PFS – Shore Gold – Star Kimberlite – Sask
- PFS – Silver Standard – Pitarrilla – Mexico
- FS – Adanac Moly – Ruby Creek – B.C.
- FS – Aldridge Minerals – Yenipazar – Turkey
- FS – Aquila Resources – Back Forty – Michigan
- FS – Aura Minerals – Ernesto/Pau-a-Pique – Brazil
- FS – Barrick Gold – Fedorovo – Russia
- FS – Canadian Royalties – South Raglan – Ungava
- FS – Fortune Minerals – Nico – NWT
- FS – Gold Fields – Chucapaca – Peru
- FS – High River Gold – Berezitovy – Russia
- FS – Khan Resources – Dornod – Mongolia
- FS – Marathon PGM – Marathon – Ontario
- FS – Ursa Major Minerals – Shakespeare – Ontario
- FS – Western Prospector – Gurvanbulag – Mongolia
- FS – Zaruma – Luz del Cobre – Mexico

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