

List of Specialists

(area code 613 unless noted otherwise)

SUBJECT	CONTACT	TELEPHONE
<u>Commodities</u>		
Aggregates	Panagapko, Doug	992-2667
Aluminum	Wagner, Wayne	996-5951
Anhydrite	Panagapko, Doug	992-2667
Asbestos	Gaëtan, Raymond	995-8003
Barite	Dumont, Michel	995-2917
Bentonite	Dumont, Michel	995-2917
Calcite	Dumont, Michel	995-2917
Calcium carbonate	Dumont, Michel	995-2917
Celestite	Dumont, Michel	995-2917
Cement	Panagapko, Doug	992-2667
Chromium, ferrochrome	Gaëtan, Raymond	995-8003
Chrysotile	Gaëtan, Raymond	995-8003
Clays	Dumont, Michel	995-2917
Coal	Stone, Kevin	992-5199
Cobalt	McCutcheon, Bill	992-5480
Copper	Coulas, Maureen	992-4093
Diamonds	Perron, Louis	992-4828
Dolostone	Panagapko, Doug	992-2667
Ferroalloys	Gaëtan, Raymond	995-8003
Fly ash	Panagapko, Doug	992-2667
Gold	Chevalier, Patrick	992-4401
Granite	Panagapko, Doug	992-2667
Graphite	Dumont, Michel	995-2917
Gypsum	Panagapko, Doug	992-2667
Iron ore	Gaëtan, Raymond	995-8003
Kaolin	Dumont, Michel	995-2917
Lime	Panagapko, Doug	992-2667
Limestone	Panagapko, Doug	992-2667
Magnesium	Wagner, Wayne	996-5951
Manganese	Gaëtan, Raymond	995-8003
Marble	Panagapko, Doug	992-2667
Mica	Dumont, Michel	995-2917
Nickel	McCutcheon, Bill	992-5480
Niobium, ferroniobium	Gaëtan, Raymond	995-8003

SUBJECT	CONTACT	TELEPHONE
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Commodities (cont'd)

Perlite	Panagapko, Doug	992-2667
Phosphate rock	Dumont, Michel	995-2917
Platinum group metals	Chevalier, Patrick	992-4401
Potash	Stone, Kevin	992-5199
Salt, sodium chloride	Dumont, Michel	995-2917
Sand and gravel	Panagapko, Doug	992-2667
Sandstone	Panagapko, Doug	992-2667
Silica	Dumont, Michel	995-2917
Silver	Chevalier, Patrick	992-4401
Slate, shale	Panagapko, Doug	992-2667
Sodium sulphate	Dumont, Michel	995-2917
Spodumene	Dumont, Michel	995-2917
Steel and ferro-alloys	Gaëtan, Raymond	995-8003
Stone	Panagapko, Doug	992-2667
Sulphur	Stone, Kevin	992-5199
Sulphuric acid	Stone, Kevin	992-5199
Talc	Dumont, Michel	995-2917
Tantalum	Gaëtan, Raymond	995-8003
Titanium dioxide	Dumont, Michel	995-2917
Tungsten	Gaëtan, Raymond	995-8003
Vanadium, ferrovanadium	Gaëtan, Raymond	995-8003
Vermiculite	Panagapko, Doug	992-2667
Wollastonite	Dumont, Michel	995-2917
Zeolites	Panagapko, Doug	992-2667

General Mineral Issues

Aboriginal issues in mineral exploration	Ross, Nathalie	992-1904
British Columbia issues	Dirom, Gavin	(604) 666-4122
Business development, missions	Kinowska, Ela	992-2019
Business development, trade shows	Kinowska, Ela	992-2019
Cabinet and parliamentary liaison	Dane, Allan-Paul	947-3163
Canadian Environmental Protection Act	Scott, Jackie	992-0000
Cape Breton Development Corporation, policy analysis	Lomas, Robert	992-8468
Capital and investment expenditure flows	Penton, Frank	995-9207
Commission on Industrial Minerals	Dumont, Michel	995-2917
Commodities price transfer	Lefèbvre, Jean	995-9073
Community economic and business development	Lynch, Michael	992-9623
Company information	Lemieux, André	992-2709
Competitiveness, cost analysis	Penton, Frank	995-9207
Competitiveness, investment	Brewer, Keith	992-2662

SUBJECT	CONTACT	TELEPHONE
<u>General Mineral Issues</u> (cont'd)		
Corporate financial analysis	Penton, Frank	995-9207
Corporate social responsibility and social issues	Lapalme, Lise-Aurore	995-9065
Economic analysis	Penton, Frank	995-9207
Economic assessment, CEAA	Penton, Frank	995-9207
Economic instruments for environmental monitoring	McDonnell, Ed	992-8205
Economic policies	Brewer, Keith	992-2662
Enhanced recycling, data acquisition	Sinclair, Robert	947-3729
Enhanced recycling, general	Clapham, Michael	992-4404
Enquiries, mining	Davidson, Susan	947-6580
Environment and competitiveness	Itzkovitch, Melanie	995-6971
Environmental assessment, British Columbia and western Canada	Dirom, Gavin	(604) 666-4122
Environmental assessment, central and eastern Canada	Lapalme, Lise-Aurore	995-9065
Environmental assessment, North	Johnstone, Rob	992-7744
Environmental policy	Calvert, Brian	996-3854
Environmental stewardship and biodiversity	Lapalme, Lise-Aurore	995-9065
Equity financing	Wefers Bettink, Paul	995-9119
Exploration analysis	Arseneau, Louis	995-0959
Exploration discovery analysis	Drake, Arlene	992-7568
Exploration incentive programs	Clark, Robert	996-3286
Federal-Provincial/Territorial Industrial Minerals Working Group	Dumont, Michel	995-2917
Finance, mining	Lemieux, André	992-2709
Flow-through shares	Wefers Bettink, Paul	995-9119
Foreign direct investment	Penton, Frank	995-9207
Indigenous issues in mining	Ross, Nathalie	992-1904
Intergovernmental Working Group (IGWG) Secretariat	Dane, Allan-Paul	947-3163
Internet management	Bureau, Jean	996-1611
Investment climate issues	Brewer, Keith	992-2662
Investment opportunities in Canada	Jen, Lo-Sun	992-0658
Investment promotion	Penton, Frank	995-9207
Investment tax credit	Clark, Robert	996-3286
Kimberley Process Office	Trevino, Teresa	992-7444
Kimberley Process, policy	Lomas, Robert	992-8468
Land access, protected areas and habitat	Lapalme, Lise-Aurore	995-9065
Map 900A and interactive mining map of Canada	Jen, Lo-Sun	992-0658
Market access	Chevalier, Patrick	992-4401
Marine transportation	McDonnell, Ed	992-8205
Market trends and analyses	Penton, Frank	995-9207
Metal materials, general	Smith, Brian	992-3784
Metals price index	Penton, Frank	995-9207
Mine development, openings and closures	Jen, Lo-Sun	992-0658
Mine ore reserves	Reed, Alan	995-9071
Mine production and supply analysis	Jen, Lo-Sun	992-0658

SUBJECT	CONTACT	TELEPHONE
<u>General Mineral Issues</u> (cont'd)		
Mine rehabilitation trust funds	Reed, Alan	995-9071
Mineral exploration trends	Arseneau, Louis	995-0959
Mineral resource certification	Clark, Robert	996-3286
Mineral statistics, analysis/methodology	FitzGerald, Gabrielle	947-2406
Mineral statistics and systems	Gauthier, Yvan	996-5786
Mineral statistics, dissemination	Kokkinos, Angela	992-6767
Mineral statistics, economic/mining	Kokkinos, Angela	992-6767
Mineral statistics, employment	FitzGerald, Gabrielle	947-2406
Mineral statistics, exploration analysis	Bouchard, Ginette	992-4665
Mineral statistics, exploration statistics	Jennings, Lee-Anne	995-7395
Mineral statistics, federal-provincial-territorial	Gauthier, Yvan	996-5786
Mineral Statistics, Federal-Provincial-Territorial Committee	Dunn, Rob	996-6384
Mineral statistics, general requests	Kokkinos, Angela	992-6767
Mineral statistics, Internet and web development	Kokkinos, Kosta	996-8209
Mineral statistics, liaison with Statistics Canada	Sarazin, Francine	943-0578
Mineral statistics, production	Paquette, Jacqueline	992-9005
Mineral statistics, purchased services	Sarazin, Francine	943-0578
Mineral statistics, SoftAccess, development	Garnier, Paul	947-9703
Mineral statistics, SoftAccess labels	Sarazin, Francine	943-0578
Mineral statistics, SoftAccess, operations	Cao, Thai	995-6353
Mineral statistics, statistical systems	Cao, Thai	995-6353
Mineral statistics, Statistics Canada Business Register	Sarazin, Francine	943-0578
Mineral statistics, survey methodology	FitzGerald, Gabrielle	947-2406
Mineral statistics, trade	Séguin, France	995-0672
Mineral statistics, use	Simon, Julie	947-6777
Minerals, national inventory	Gauthier, Yvan	996-5786
Minerals supply, future	Arseneau, Louis	995-0959
Mines Ministers' Conference	Dane, Allan-Paul	947-3163
Mining, Aboriginal participation	Bond, Bruno	992-8589
Mining Communities Strategy	Gougeon, Robert	992-9624
Mining economic indicators	Birchfield, Greig	992-1470
Mining Policy Research Initiative	Stirling, Kim	992-4403
Mining regulations	Clark, Robert	996-3286
Mining tax, interpretation	Clark, Robert	996-3286
Mining tax, legislation	Lefèbvre, Jean	995-9073
Mining taxation, financial analysis and modelling	Bergevin, Gilles	995-3421
Mining taxation, IGWG Tax Sub-Committee	Bergevin, Gilles	995-3421
Mining taxation, inter-provincial competitiveness	Wefers Bettink, Paul	995-9119
Mining taxation, investment climate	Bergevin, Gilles	995-3421
Mining taxation, litigation	Lefèbvre, Jean	995-9073
Mining taxation, non-profit taxes	Arseneau, Louis	995-0959
Mining taxation, web site	Savard, Jacques	995-7396
Northern issues	Johnstone, Rob	992-7744
Orphaned and abandoned mines, policy and regulation	Calvert, Brian	996-3854

SUBJECT	CONTACT	TELEPHONE
<u>General Mineral Issues</u> (cont'd)		
Policy analysis and coordination	Hoskin, Wanda	996-1069
Policy and planning issues	Chudczak, Chrystia	995-8851
Priority substances list	Scott, Jackie	992-0000
Productivity analysis	Penton, Frank	995-9207
Project evaluation	Reed, Alan	995-9071
Publishing services	Bureau, Jean	996-1611
Rail transportation	McDonnell, Ed	992-8205
Recycling metals, policy	Clapham, Michael	992-4404
Recycling metals, regulatory issues	Smith, Brian	992-3784
Recycling web site	Sinclair, Robert	947-3729
Regulatory issues	Scott, Jackie	992-0000
Safe use, nonmetallic minerals	Gaëtan, Raymond	995-8003
Safe use principle, minerals and metals	Ignatow, Aleksander	992-2018
Securities regulations	Clark, Robert	996-3286
Special Advisor, Minerals and Metals Sector	Hoskin, Wanda	996-1069
Species at risk	Lapalme, Lise-Aurore	995-9065
Statistics, mining, mineral and metal	Gauthier, Yvan	996-5786
Strategic policy	Gougeon, Robert	992-9624
Sulphur Market Study Group, The	Stone, Kevin	992-5199
Suppliers of equipment and services, database	Brunton, Andrea	992-4402
Suppliers of equipment and services, general	Morel-à-l'Huissier, Patrick	992-3258
Sustainable communities	Lynch, Michael	992-9623
Sustainable development, mining	Calvert, Brian	996-3854
Sustainable development, strategies	Dane, Allan-Paul	947-3163
Taxation of mining income	Bergevin, Gilles	995-3421
Toxic Substances Management Policy	Scott, Jackie	992-0000
Trade and environment	Smith, Brian	992-3784
Trade Retrieval and Aggregation System (TRAGS)	Goel, Poonam	995-5067
Transportation policy, rail and marine	McDonnell, Ed	992-8205
Valuation of mining assets	Reed, Alan	995-9071
Web site coordination	Desnoyers, Diane	947-3146
<u>International Responsibilities</u>		
Africa	Miron, Michel	995-0530
APEC	Walters, Martin	996-4110
Asia-Pacific	Walters, Martin	996-4110
Australia	Walters, Martin	996-4110
CAMMA (Mines Ministries of the Americas Conference)	Stirling, Kim	992-4403
Canada-China mineral relations and investment	Jen, Lo-Sun	992-0658
Canadian activity abroad	Lemieux, André	992-2709
Canadian exploration projects abroad	Lemieux, André	992-2709
China	Walters, Martin	996-4110

SUBJECT	CONTACT	TELEPHONE
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International Responsibilities (cont'd)

Foreign direct investment	Penton, Frank	995-9207
Free trade agreements	Smith, Brian	992-3784
India	Mathu, Jai	947-0130
Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development	Bourassa, André	992-3834
International business development, general	Morel-à-l'Huissier, Patrick	992-3258
International business development networking group	Kinowska, Ela	992-2019
International Consultative Group on Non-Ferrous Metal Statistics	Paquette, Jacqueline	992-9005
International, general	Ignatow, Aleksander	992-2018
International metals study groups policy	Chevalier, Patrick	992-4401
International regulatory issues (SAICM, OECD, REACH)	Beillard, Cheryl	995-1297
Kimberley Process, international secretariat	FitzGerald, Gabrielle	947-2406
Kimberley Process, international statistics	Dunn, Rob	996-6384
Latin America and Caribbean	Stirling, Kim	992-4403
Mines Ministries of the Americas Conference (CAMMA)	Stirling, Kim	992-4403
Mining taxation, international competitiveness	Bergevin, Gilles	995-3421
Organization of American States (OAS)	Stirling, Kim	992-4403
Recycling metals, Basel Convention/OECD	Clapham, Michael	992-4404
Russia	Walters, Martin	996-4110
Russia/Canada Roundtable Dialogue	Ignatow, Aleksander	992-2018
Summit of the Americas	Stirling, Kim	992-4403
United States	Walters, Martin	996-4110

Explosives

Business development, CERL	Lightfoot, Phil	947-7534
Explosives, act and regulations	McCulloch, Dave	948-5171
Explosives, applications, blast mitigation	von Rosen, Bert	947-3527
Explosives, certification, testing, characterization	Bowes, Richard	995-0097
Explosives, chemical analysis, commercial, identification	Ridley, Bill	995-1413
Explosives, commercial, hazards, physics	Turcotte, Richard	996-5130
Explosives, factories	McKenny, Bill	948-5174
Explosives, fireworks, blast mitigation, applications	Contestabile, Ettore	995-1363
Explosives, general	Watson, Christopher	948-5170
Explosives, initiation systems	Arpin, Jean-Luc	948-5178
Explosives, mechanical and electrical equipment	Buszard, John	948-5188
Explosives, propellants	Matusoff, Constantin	948-5176
Explosives, pyrotechnics, fireworks, blast mitigation	Contestabile, Ettore	995-1363

SUBJECT	CONTACT	TELEPHONE
<u>Explosives</u> (cont'd)		
Explosives, storage	Hanley, Peter	948-5180
Explosives, thermal hazards, thermal characterization	Turcotte, Richard	996-5130
Fireworks, ammunition, explosives	Matusoff, Constantin	948-5176
Hazardous locations equipment, testing	Lobay, George	996-1902
Mine technology, equipment and materials certification	Lobay, George	996-1902
<u>Mineral Technology</u>		
Abandoned mine hazards	Fecteau, Jean-Marie	947-1585
Abandoned/orphaned mines	Tremblay, Gilles	992-0968
Acid mine drainage, general	Tremblay, Gilles	992-0968
Acid mine drainage, prevention	Davé, Nand	943-9283
Acid mine drainage, production	Kawaja, Jonathan	992-1604
Acid mine drainage, treatment	Zinck, Janice	995-4221
Advanced fabrication technologies	Lo, Jason	992-2669
Advanced materials, general	Lo, Jason	992-2669
Alkali aggregates	Fournier, Benoit	992-8394
Aluminum, melt treatment	Emadi, Daryoush	995-4850
Ammonia, destruction in effluents	Koren, David	992-7286
Aquatic metal speciation	Vigneault, Bernard	947-8763
Arsenic, mineralogy	Paktunc, Dogan	947-7061
Arsenic waste disposal	Kwong, John	943-0525
Artificial neural networks, modelling	Emadi, Daryoush	995-4850
Auger spectroscopy	Brown, Jim	996-8673
Auger spectroscopy, minerals	Pratt, Allen	992-1376
Austempered ductile iron	Popescu, Mihaela	992-0949
Automotive materials	Lo, Jason	992-2669
Automotive materials, coatings	Zheng, Wenye	992-7904
Automotive materials, corrosion	Zheng, Wenye	992-7904
Automotive materials, galvanizing	Dionne, Sylvie	996-9701
Automotive materials, hydroforming	Martin, Pierre	992-8283
Automotive materials, metallurgy	Essadiqi, Elhachmi	992-2780
Automotive materials, stamping	Spencer, Kevin	944-4498
Automotive steels, welding	Braid, Mac	992-6400
Backfill, mine, paste fluidization technology	Tarr, Kristie	(705) 670-6553
Battery materials	Wronski, Zbig	992-0160
Biocorrosion	MacLeod, Alex	992-1416
Biotechnology, general	Gould, Doug	992-1885
Biotechnology, networking	Koren, David	992-7286
Boilers	Elboujdaini, Mimoun	995-3971
Brazing	Martin, Pierre	992-8283
Business development, CANMET-MMSL	Mingie-Cahill, Donna	947-1392
Business development, CANMET-MTL	Davidson, Alexander	995-8814

SUBJECT	CONTACT	TELEPHONE
Mineral Technology (cont'd)		
Canadian Land Reclamation Association	Tisch, Bryan	943-8746
Canadian Mineral Processors	Zinck, Janice	995-4221
Casting, characterization	Zavadil, Renata	992-2050
Casting technology, aluminum	Fasoyinu, Yemi	996-0325
Casting technology, austempered ductile iron	Popescu, Mihaela	992-0949
Casting technology, automotive alloys	Emadi, Daryoush	995-4850
Casting technology, brass	Sadayappan, Kumar	992-0741
Casting technology, compacted graphite iron	Popescu, Mihaela	992-0949
Casting technology, continuous	Essadiqi, Elhachmi	992-2780
Casting technology, copper alloys	Sahoo, Mahi	992-5475
Casting technology, defect analysis	Sadayappan, Kumar	992-0741
Casting technology, fluidity	Sadayappan, Kumar	992-0741
Casting technology, general	Sahoo, Mahi	992-5475
Casting technology, investment	Newcombe, Peter	943-0208
Casting technology, iron	Javaid, Amjad	947-0245
Casting technology, lead alloys	Sahoo, Mahi	992-5475
Casting technology, lost foam	Fasoyinu, Yemi	996-0325
Casting technology, magnesium	Fasoyinu, Yemi	996-0325
Casting technology, metal matrix composites	Lo, Jason	992-2669
Casting technology, permanent mold	Sadayappan, Kumar	992-0741
Casting technology, plumbing	Sahoo, Mahi	992-5475
Casting technology, solidification modeling	Sadayappan, Kumar	992-0741
Casting technology, steel	Kuyucak, Selcuk	992-2253
Casting technology, water modeling	Kuyucak, Selcuk	992-2253
Casting technology, wear-resistant	Kuyucak, Selcuk	992-2253
Casting technology, zinc	Sahoo, Mahi	992-5475
Cement	Bouzoubaa, Nabil	992-6153
Ceramics, R&D	McDonald, George	946-4335
Certified Reference Materials	Leaver, Maureen	992-1055
Chemical analysis, methodology	Karwowska, Regina	992-4092
Chemical analysis, radio isotopes	Davé, Nand	943-9283
Climate change, coal, minerals and metals	Giziewicz, Elizabeth	996-1581
Coal, coal/gas analysis	Bonnell, Gary	(705) 670-6766
Coal mining, instrumentation	Bonnell, Gary	(705) 670-6766
Coating, carbon and evaporated	Bibby, Catherine	996-0041
Coating, embrittlement materials	Elboujdaini, Mimoun	995-3971
Coating, galvanizing	Elboujdaini, Mimoun	995-3971
Coating materials, general	Dionne, Sylvie	996-9701
Column flotation	Negeri, Tesfaye	992-5860
Communication system and controls, PLC	Côté, Daniel	(819) 736-4331
Communication system, underground	Laflamme, Marcel	(819) 736-4331
Communication system, vehicle tracking	Laliberté, Pierre	(819) 736-4331
Computational fracture mechanics	Shen, Guowu	996-4367
Computer modelling	Roy, George	992-0328
Concrete aggregates	Fournier, Benoit	992-8394
Concrete chemical admixtures	Nkinamubanzi, Pierre-Claver	947-7075
Concrete technology	Fournier, Benoit	992-8394
Contaminant transport	Kwong, John	943-0525
Copper/nickel metallurgy	Dutrizac, John	995-4823
Corrosion, aluminum	Elboujdaini, Mimoun	995-3971

SUBJECT	CONTACT	TELEPHONE
Mineral Technology (cont'd)		
Corrosion, computer monitoring systems for	Gu, Gordon Ping	992-1917
Corrosion, copper	Elboujdaini, Mimoun	995-3971
Corrosion, fatigue	Zheng, Wenyue	992-7904
Corrosion, general	Revie, Winston	992-1703
Corrosion, high-temperature/high-pressure	Papavinasam, Sankara	947-3603
Corrosion, hydrogen-induced cracking	Elboujdaini, Mimoun	995-3971
Corrosion, inhibition	Papavinasam, Sankara	947-3603
Corrosion, magnesium	Zheng, Wenyue	992-7904
Corrosion, microbial	MacLeod, Alex	992-1416
Corrosion, microbiologically induced	Papavinasam, Sankara	947-3603
Corrosion, mines	Ramsingh, Ruel	995-4654
Corrosion, modelling and simulation	Gu, Gordon Ping	992-1917
Corrosion/erosion	Elboujdaini, Mimoun	995-3971
Corrosion study, electrochemical techniques for	Gu, Gordon Ping	992-1917
Creep, magnesium, alloys/superalloys	Xu, Su	992-1960
Cyanidation, processing	Deschênes, Guy	992-0415
Cyanide, effluent treatment systems	Mortazavi, Saviz	992-4555
Cyanide, recycling in effluents	Riveros, Patricio	992-0200
Deep mining	Laverdure, Louise	992-4105
Diesel emissions	Gangal, Mahe	996-6103
Diesel motor testing	Rubeli, Brent	996-6285
Diesel particulate matter, sampling and analysis	Grenier, Michel	(705) 677-7815
Digital imaging	Ashe, David	992-5059
Dilatometry process simulation	Voyzelle, Benoit	992-4397
Dust, coal	Bonnell, Gary	(705) 670-6766
Dust, mineral/silica (RCD - diesel soot)	Grenier, Michel	(705) 677-7815
Dust, respirable combustible (RCD - diesel soot)	Gangal, Mahe	996-6103
Effluent, toxicity	Vigneault, Bernard	947-8763
Effluent treatment, biotechnology	Mortazavi, Saviz	992-4555
Effluent treatment, chemical	Zinck, Janice	995-4221
Effluent treatment, microbiology	Gould, Doug	992-1885
Effluents, mining, treatment, general	Koren, David	992-7286
Electric blasting	LeBlanc, Gilles	(819) 736-4331
Electron probe microanalysis	Li, Jian	992-3878
Embrittlement, materials	Tyson, Bill	992-9573
Environment research, general	Vance, Jim	943-0524
Environmental effects monitoring	McGeer, Jim	947-3451
Environmental protection, acid mine drainage	Tremblay, Gilles	992-0968
Environmental protection, aquatic impact assessment	McGeer, Jim	947-3451
Environmental protection, control strategies	Davé, Nand	943-9283
Environmental protection, northern	Zinck, Janice	995-4221
Environmental radiation, general	Davé, Nand	943-9283
Environmental spill response	Hynes, Thomas	995-4776
Failure analysis	Bouchard, Réal	992-5012
Fatigue and fracture, welded joints	Braid, Mac	992-6400
Finite element analysis	Shen, Guowu	996-4367
Fires, explosions, emergency response, coal mines	Bonnell, Gary	(705) 670-6766

SUBJECT	CONTACT	TELEPHONE
Mineral Technology (cont'd)		
Fly ash, use in concrete	Bilodeau, Alain	992-3806
Fly ash, use in materials	Lo, Jason	992-2669
Focused ion beam microscopy	Li, Jian	992-3878
Foundry processes, energy-efficient	Sadayappan, Kumar	992-0741
Foundry sand molding	Lacroix, Richard	992-9504
Foundry sand recycling	Newcombe, Peter	943-0208
Foundry sand testing	Newcombe, Peter	943-0208
Foundry technology, nonferrous metals	Sahoo, Mahi	992-5475
Fractography	Dremailova, Olga	947-8671
Fracture mechanics	Tyson, Bill	992-9573
Fracture toughness, steels	Xu, Su	992-1960
Fuel cells, fabrication	Maffei, Nicola	946-9806
Galvanizing	Ramsingh, Ruel	995-4654
Galvannealing	Dionne, Sylvie	996-9701
Gas analysis, diesel exhaust	Gangal, Mahe	996-6103
Gas analysis, methane	Young, David	943-9265
Geochemistry	Price, Bill	(250) 847-9335
Geomicrobiology	Gould, Doug	992-1885
Gleeble process simulation	Letts, Murray	992-5767
GMRA, global mining	Hynes, Thomas	995-4776
Gold processing	Deschênes, Guy	992-0415
Ground control and stability, mines and tailings embankments	Fecteau, Jean-Marie	947-1585
Hard rock mines, field and laboratory rock characterization	Labrie, Denis	995-3986
Hard rock mines, microseismic monitoring	Côté, Martin	(819) 736-4331
Hard rock mines, rock testing	Labrie, Denis	995-3986
Hard rock mines, seismic surveying	Côté, Martin	(819) 736-4331
Hard rock mines, surface stability	Bétournay, Marc	995-1147
Heat treatment, aluminum alloys	Emadi, Daryoush	995-4850
High-temperature coating and alloy	Elboujdaini, Mimoun	995-3971
Hoisting technology, programmable electronic system	Germain, Louis	(819) 736-4331
Hoisting technology, safety, deep mines	Germain, Louis	(819) 736-4331
Hoisting technology, wire ropes	Leung, Eric	992-6792
Hot ductility	Essadiqi, Elhachmi	992-2780
Hydroforming	Martin, Pierre	992-8283
Hydrogen cracking	Elboujdaini, Mimoun	995-3971
Hydrogen embrittlement	Elboujdaini, Mimoun	995-3971
Hydrogen fuel cell, controls	Laliberté, Pierre	(819) 736-4331
Hydrogen fuel cell, mine application	Laflamme, Marcel	(819) 736-4331
Hydrogen fuel cell, safety	Desrivières, Gaetan	(819) 736-4331
Hydrogeochemistry	Kwong, John	943-0525
Hydrometallurgy, base metals	Dutrizac, John	995-4823
Hydrometallurgy, gold	Deschênes, Guy	992-0415
Image analysis, applied mineralogy	Wilson, John	995-4752
Image analysis, metals and alloys	Liu, Pei	992-6772
Image analysis, mineral processes, performance assessment	Lastra, Rolando	992-1393
Intermetallics	Voyzelle, Benoit	992-4397
International capacity building environment	Zinck, Janice	995-4221

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International project development, mining	Hynes, Thomas	995-4776
Ion exchange	Riveros, Patricio	992-0200
Iron ore processing	Bilodeau, Magella	992-7131
Leaching, bacterial	Gould, Doug	992-1885
Leaching, gold chemistry	Deschênes, Guy	992-0415
Leaching, mine wastes	Zinck, Janice	995-4221
Lead-free plumbing alloys	Sadayappan, Kumar	992-0741
Lead/zinc metallurgy	Dutrizac, John	995-4823
Life-cycle assessment, mineral technology	Dubreuil, Alain	995-5844
Lightweight Materials Research Initiative, Canadian	Jackman, Jennifer	995-8248
Liner materials	Tarr, Kristie	(705) 670-6553
Low-pressure die casting	Thomson, James	992-4565
Magnesium, melt treatment	Emadi, Daryoush	995-4850
Marine corrosion	Revie, Winston	992-1703
Marine vessels, materials	Gianetto, Jim	992-4425
Materials, battery/magnetic	Wronski, Zbig	992-0160
Materials, impact testing	Bouchard, Réal	992-5012
Materials, microstructural characterization, general	Dionne, Sylvie	996-9701
Materials, nanostructured	Wronski, Zbig	992-0160
Materials performance	Tyson, Bill	992-9573
Materials, physical characterization	Wronski, Zbig	992-0160
Materials processing technology	Bowker, John	992-0710
Materials, structural integrity	Braid, Mac	992-6400
Mechanical testing, materials	Bouchard, Réal	992-5012
Membrane separation	Mortazavi, Saviz	992-4555
MEND	Tremblay, Gilles	992-0968
Metal forming, hot gas	Martin, Pierre	992-8283
Metal forming, semi-solid	Shehata, Mahmoud	992-1940
Metal forming, warm	Martin, Pierre	992-8283
Metal materials, general	Smith, Brian	992-3784
Metal matrix composites	Lo, Jason	992-2669
Metal powder injection moulding	Zhang, Ruby	996-1380
Metal processing and alloying design	Essadiqi, Elhachmi	992-2780
Metal products, fabricated	Martin, Pierre	992-8283
Metal speciation	Beauchemin, Suzanne	947-0127
Metal toxicity	McGeer, Jim	947-3451
Metallic foams	Lo, Jason	992-2669
Metallography	Marchand, Claude	992-2944
Metallurgy, extractive, chemistry	Dutrizac, John	995-4823
Metallurgy, light metals	Dutrizac, John	995-4823
Metals formability/sheet metal forming	Martin, Pierre	992-8283
Metals, hazard identification criteria	Skeaff, Jim	992-0092
Metals, microbial transformation	MacLeod, Alex	992-1416
Microbiology, anerobic	MacLeod, Alex	992-1416
Microseismic data analysis and interpretation	Côté, Martin	(819) 736-4331
Microseismic source location	Talebi, Shahriar	996-0360
Microseismology, mines and oil fields	Talebi, Shahriar	996-0360
Microstructure, general	Dionne, Sylvie	996-9701

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Mine automation and controls	LeBlanc, Gilles	(819) 736-4331
Mine backfill	Tarr, Kristie	(705) 670-6553
Mine decommissioning	Tremblay, Gilles	992-0968
Mine drainage, prediction and mitigation	Price, Bill	(250) 847-9335
Mine dust	Grenier, Michel	(705) 677-7815
Mine effluents	Koren, David	992-7286
Mine environment, excluding coal	Hardcastle, Stephen	(705) 677-7810
Mine instrumentation	Judge, Ken	996-2880
Mine mechanization/automation	Laflamme, Marcel	(819) 736-4331
Mine reclamation	Tisch, Bryan	943-8746
Mine regulation, general	Price, Bill	(250) 847-9335
Mine site rehabilitation	Tremblay, Gilles	992-0968
Mine stability, hard rock	Udd, John	947-8383
Mine technology, experimental mine	Laflamme, Marcel	(819) 736-4331
Mine technology, general	Laverdure, Louise	992-4105
Mine technology, training	Laflamme, Marcel	(819) 736-4331
Mine ventilation, coal	Bonnell, Gary	(705) 670-6766
Mine ventilation, general	Hardcastle, Stephen	(705) 677-7810
Mine ventilation, modelling, automation	Hardcastle, Stephen	(705) 677-7810
Mine ventilation, monitoring	Gangal, Mahe	996-6103
Mine waste, characterization	Paktunc, Dogan	947-7061
Mine waste disposal, dusts and gases, metallurgical	Skeaff, Jim	992-0092
Mine waste disposal, liquid effluents	Koren, David	992-7286
Mine waste disposal, tailings	Davé, Nand	943-9283
Mine waste management	Zinck, Janice	995-4221
Mine waste stabilization	Zinck, Janice	995-4221
Mine water treatment	Zinck, Janice	995-4221
Mineral processing, comminution	Orumwense, Augustine	992-7067
Mineral processing, flotation	Negeri, Tesfaye	992-5860
Mineral processing, magnetic separation	Bilodeau, Magella	992-7131
Mineral sciences research, general	Negeri, Tesfaye	992-5860
Mineralogy, electrolysis products	Chen, T.T.	995-9490
Mineralogy, environmental	Paktunc, Dogan	947-7061
Mineralogy, geo-exploration	Paktunc, Dogan	947-7061
Mineralogy, micro-beam techniques	Chen, T.T.	995-9490
Mineralogy, precious metals	Paktunc, Dogan	947-7061
Mining equipment, automation	LeBlanc, Gilles	(819) 736-4331
Mining equipment, development	Laflamme, Marcel	(819) 736-4331
Mining equipment, hydraulification	Laflamme, Marcel	(819) 736-4331
Mining methods, narrow-vein	Laflamme, Marcel	(819) 736-4331
Mining research, general	Laverdure, Louise	992-4105
Mining, aquatic effects	McGeer, Jim	947-3451
Mining, deep extraction methods	Udd, John	947-8383
Mining, ground control	Plouffe, Michel	996-8604
Mining, ground stress	Labrie, Denis	995-3986
Mining, health and safety	Udd, John	947-8383
Mining, life-cycle assessment	Dubreuil, Alain	995-5844
Mining, small-scale	Couture, Richard	995-3097
Narrow-vein mining, economic evaluation	Lacroix, Roger	(819) 736-4331

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Narrow-vein mining, equipment/methods	Fecteau, Jean-Marie	947-1585
Nitrate, destruction in effluents	Koren, David	992-7286
NOAMI	Tremblay, Gilles	992-0968
Non-Destructive Testing Certification Program	Murphy, Rick	943-0583
Numerical modelling, ventilation	Li, Gary	996-4449
Offshore structures, concrete	Bilodeau, Alain	992-3806
Offshore structures, steel	Braid, Mac	992-6400
Orphaned/abandoned mines	Tremblay, Gilles	992-0968
Permafrost technologies	Davé, Nand	943-9283
Petrochemical industry, materials	Braid, Mac	992-6400
Photography, industrial	Ashe, David	992-5059
Photography, macro	Ashe, David	992-5059
Pipeline coatings	Papavinasam, Sankara	947-3603
Pipelines, high-strength steels	Bowker, John	992-0710
Pipeline materials and technology, oil and gas	Revie, Winston	992-1703
Pipelines, optical sensors for	Gu, Gordon Ping	992-1917
Pipeline welding technology	Gianetto, Jim	992-4425
Polymer matrix composites	Lo, Jason	992-2669
Potash, general	Vance, Jim	943-0524
Powder x-ray diffraction	Wilson, John	995-4752
Power generation, materials	Braid, Mac	992-6400
Pressure vessels, materials	Bowker, John	992-0710
Process control, gray and ductile iron	Popescu, Mihaela	992-0949
Process mineralogy	Lastra, Rolando	992-1393
Process simulation, metal forming facilities	Galvani, Claude	992-3929
Radiation, environmental	Davé, Nand	943-9283
Rail steels	Gianetto, Jim	992-4425
Recycling, minerals, general	Giziewicz, Elizabeth	996-1581
Recycling technology, metals	Essadiqi, Elhachmi	992-2780
Redox chemistry	Beauchemin, Suzanne	947-0127
Reference materials, mineralogical and metallurgical	Leaver, Maureen	992-1055
Residual stress measurements	Roy, George	992-0328
Respirable dust and gases, coal mining	Bonnell, Gary	(705) 670-6766
Respirable dust and gases, hard rock mines	Grenier, Michel	(705) 677-7815
Retained austenite measurements	Dremailova, Olga	947-8671
Revegetation	Tisch, Bryan	943-8746
Rock drilling, hydraulic	LeBlanc, Gilles	(819) 736-4331
Rock drilling, testing and evaluation	LeBlanc, Gilles	(819) 736-4331
Rock drilling, vibration	Ouellette, Sylvain	(819) 736-4331
Rock fragmentation, explosive-free	Fecteau, Jean-Marie	947-1585
Rock fragmentation, thermal rock breaking	Poirier, Sylvie	(819) 736-4331
Rock mechanics, instrumentation development	Judge, Ken	996-2880
Rockburst technology	Talebi, Shahriar	996-0360
Rolled products	Baragar, Don	995-8692
Rolling, metals, alloys	Dolan, Dave	992-6851
Scanning Auger microscopy	Brown, Jim	996-8673

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Scanning electron microscopy	Li, Jian	992-3878
Secondary ion mass spectrometry	Dionne, Sylvie	996-9701
Seismic data collection	Lebel, Denis	(705) 677-7808
Seismicity	Talebi, Shahriar	996-0360
Semi-passive treatment systems	Kawaja, Jonathan	992-1604
Sensors and actuators	McDonald, George	946-4335
Sensors, fabrication	McDonald, George	946-4335
Silica fume, use in concrete	Bilodeau, Alain	992-3806
Site-specific water quality criteria	Vigneault, Bernard	947-8763
Slags, environmental issues	Koren, David	992-7286
Slags, metallurgy	Skeaff, Jim	992-0092
Slags, use in concrete	Bilodeau, Alain	992-3806
Sludge, mine water treatment	Zinck, Janice	995-4221
Small-scale mining	Couture, Richard	995-3097
Smelters, base-metal	Dutrizac, John	995-4823
Software development, numerical modelling	Li, Gary	996-4449
Software development, ventilation	Li, Gary	996-4449
Software development, ventilation modelling	Hardcastle, Stephen	(705) 677-7810
Soil science	Beauchemin, Suzanne	947-0127
Solution chemistry	Riveros, Patricio	992-0200
Solvent extraction	Riveros, Patricio	992-0200
Spectroscopy, inductively coupled plasma (ICP), atomic emission, mass spectroscopy, optic emission	Karwowska, Regina	992-4092
Spectroscopy, metals/nuclear	Davé, Nand	943-9283
Sports equipment, materials	Lo, Jason	992-2669
Spray-on membrane	Tarr, Kristie	(705) 670-6553
Squeeze casting, composites	Lo, Jason	992-2669
Stability of slopes, foundations and mine stopes	Bétournay, Marc	995-1147
Steel technology, general	Essadiqi, Elhachmi	992-2780
Stir casting, composites	Popescu, Mihaela	992-0949
Stress corrosion cracking, pipeline	Elboudjaini, Mimoun	995-3971
Stress corrosion cracking, pipeline crack growth	Zheng, Wenyue	992-7904
Stress corrosion cracking, pipelines treatment	Revie, Winston	992-1703
Stress measurement and analysis, materials	Roy, George	992-0328
Subaqueous disposal, mine wastes	Davé, Nand	943-9283
Submarine tailings disposal	Kwong, John	943-0525
Subsidence, hard rock mines	Bétournay, Marc	995-1147
Surface chemical analysis	Neima, John	996-8680
Surface modification	Wronski, Zbig	992-0160
Sustainable development, mineral technology	Dubreuil, Alain	995-5844
Tailings characterization	Kwong, John	943-0525
Tailings, effluents treatment	Koren, David	992-7286
Tailings management, disposal	Davé, Nand	943-9283
Tailings, mineralogy	Paktunc, Dogan	947-7061
Tailings, physical stability, monitoring	Gorski, Bernie	996-3216
Tailings, radioactive	Davé, Nand	943-9283
Tailings, water covers	Davé, Nand	943-9283
Thermal analysis	Emadi, Daryoush	995-4850
Thermal fragmentation	Fecteau, Jean-Marie	947-1585

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Thermochemistry	Skeaff, Jim	992-0092
Thermomechanical processing simulation	Baragar, Don	995-8692
Thin slab casting	Essadiqi, Elhachmi	992-2780
Thin-wall iron casting	Javaid, Amjad	947-0245
Thiocyanate, destruction in effluents	Gould, Doug	992-1885
Thiosalts, mill effluents	Dinardo, Orlando	992-0088
Thiosalts speciation analysis	Vigneault, Bernard	947-8763
TIME Network	Hogan, Charlene	996-7855
Toxicity, aquatic invertebrates	King, Morgan	992-9431
Toxicity, chronic tests	McGeer, Jim	947-3451
Toxicity, modelling	Schwartz, Melissa	947-7383
Toxicity, testing methods	King, Morgan	992-9431
Tracer gas techniques, applications	Hardcastle, Stephen	(705) 677-7810
Tracer gas techniques, coal mines	Bonnell, Gary	(705) 670-6766
Transmission electron microscopy	Guertsman, Val	995-2132
Transmission electron microscopy, sample preparation	Bibby, Catherine	996-0041
Underground experimental mine	Laflamme, Marcel	(819) 736-4331
Underground mining, energy efficiency	Laflamme, Marcel	(819) 736-4331
Uranium mine environment	Davé, Nand	943-9283
Uranium waste, physical stability	Gorski, Bernie	996-3216
Value-Added Mineral and Metal Strategy	Jackman, Jennifer	995-8248
Wastewater treatment, mine effluents	Koren, David	992-7286
Welding and joining technology and standards	Braid, Mac	992-6400
Welding, induction	Baragar, Don	995-8692
Welding process	Gianetto, Jim	992-4425
X-ray diffraction, minerals	Wilson, John	995-4752
X-ray diffraction, silica	Grenier, Michel	(705) 677-7815
X-ray diffraction techniques	Wronski, Zbig	992-0160
X-ray photoelectron spectroscopy	Neima, John	996-8680
Zeolite, solution purification	Riveros, Patricia	992-0200