

### Minerals

Major Minerals – Setting/Models	MIN1: Mineralization and Hydrocarbons in Black Shale Environments
	MIN10: The Middle and Lower Yangtze Valley Iron Oxide-Apatite-Porphyr-Skarn Province, China: Characteristics and Global Comparisons
	MIN11: Multi-Commodity, Multi-Scale Exploration Targeting Using the Large Igneous Province Record
	MIN12: Natural Resources at Terrestrial Impact Structures
	MIN13: Metals in Magmatic and Hydrothermal Systems
	MIN14: Grass Roots Exploration Success Stories: Discussing the Discovery Process from Initial Area Selection Through to Drilling
	MIN15: Iron Oxide Copper-Gold ( $\pm$ P, REE, U) and Related Deposits: The Debate Continues
	MIN2: Exploring Controls on Ore Deposit Formation in Volcanic and Sedimentary Environments and Evaluating the VMS-SEDEX-MVT Continuum
	MIN3: Ore Deposit Models
	MIN4: Multiparameter Integrated Footprints of Mineral Systems
	MIN5: Fluid Evolution in Magmatic-Hydrothermal Deposits
	MIN6: New Developments in Canadian Diamond Exploration - Finding the Next Generation of Diamond Deposits
	MIN65: Industrial Minerals for a Prosperous Future for All
	MIN7: Magmatic Arc Fertility and the Genesis of Porphyry Cu-Mo-Au Deposits
	MIN8: Bridging the Discovery Gap - Providing the Exploration Industry More Effective Area Selection Tools
MIN9: 20 Years of Porphyry Progress: A Cordilleran Perspective	
Major Minerals - Gold	MIN17: Reassessing Gold Deposit Models for the 21st Century
	MIN18: North American Gold
	MIN19: Gold Deposits in Orogenic Belts
Major Minerals – Zn-Pb	MIN20: Sediment-Hosted Base Metal Systems: Exploring the Nature, Formation and Role of Sedimentary Processes and Implications for Detection
Major Minerals - Supergene	MIN22: Secondary Processes on Ores: From Sugergene Enrichment to Element Dispersion
	MIN23: Supergene Metal Enrichment of Mineral Deposits

Geochemistry / Exploration	MIN24: Stable and Radiogenic Isotope Systems: Applications in Exploration and the Environment
	MIN25: Exploration Case Studies - Out of the Box Concepts, Methodologies and Practises
	MIN26: Big-Data: Integration, Management and Regional Scale Surveys
	MIN27: Footprints of Giant Orebodies - Mineralogical, Spectral and Geochemical Vectors to Discovery
	MIN28: Micro to Micro-Biogeochemistry: Exploration, Processing, Remediation and the Environment
	MIN29: Exploration Undercover - Techniques, Technology and Strategy
	MIN30: Mineral Exploration in Extreme Environments
	MIN31: Drift Prospecting for Mineral Deposits
	MIN32: Minerals, Mining and Genomics
	MIN33: Mineral Exploration under Glaciated Cover: New Tools, Trends, and Discoveries
	MIN66: Isotope Geochemistry in a Mineral Systems Framework: Analytical and Application Advances
Critical Minerals	MIN34: Mining for Clean Energy - the Role of Minerals and Metals in the Clean Energy Transition
	MIN35: How Methodology Determines What is Critical
	MIN36: U, Th, and REE Deposits of Canada
	MIN37: Energy and Technology Metals: Rare Earth Elements, Lithium and Related Advanced Materials - from Deposit Formation to Mining and Processing
	MIN38: Platinum-Group Element (PGE) Deposits: Formation, Exploration, Characterization, Beneficiation, and Future Sources
	MIN39: Geoenvironmental Characteristics of Critical Metal Deposits
	MIN40: Resilient Supply Chains as a Measure for Criticality
MIN41: Ensuring the Supply of Critical Materials to Meet the UN 2030 Sustainable Development Goals	
New Sources	MIN42: Classification of Anthropogene Resources
	MIN43: Exploration under Deep Cover
	MIN44: Asteroids as Sources of Economic Resources
	MIN45: Marine Mineral Resources - Prospects and Challenges
Exploration Technology	MIN46: Exploring with Rich Data: Applied Geoinformatics for Resource Discovery
	MIN47: Quantitative Assessment and Prediction of Deeply Buried Mineral Resources in Covered Regions
	MIN48: Hydrocarbons in the Exploration for Metaliferous and Non-Metaliferous Deposits
	MIN50: Mineral Prospectivity Modeling and Assessment of Undiscovered Mineral Resources
	MIN51: Ore Fertility Indicators: Fingerprinting Magmatic Processes to Evaluate Resource Formation
Applied Mineralogy	MIN52: Mineralogy: Emerging and Current Technologies - How Small Can We Go
	MIN53: Quantitative Mineralogy: Application in Mineral Exploration
	MIN54: Applied Mineralogy in the Mining Industry - Integration, Applications and Future Development
	MIN55: Analytical Technology in the Search for Minerals: Space to the Lab to the Field

Geometallurgy	MIN56: Gangue Engineering
	MIN58: Geometallurgy
Environment - Performance	MIN61: Characterization and Description of Mine Site Waste
	MIN62: Innovations in Tailings Management and Utilization
	MIN63: Innovating to Zero
	MIN64: Mine Wastes and the Environment: Contamination, Management and Reclamation

Full description here: <http://rfg2018.gibsongroup.ca/index.php>