



METALS AND MINERALS MINING PROGRAM
SEPTEMBER 18 - OCTOBER 16, 2004

FOR CENTRAL ASIA

POTENTIAL TOPICS

METAL RESOURCES

Gold - Silver - Copper - Platinum - Iron - Lead
Zinc - Manganese - Aluminum - Antimony

MINERAL RESOURCES

Varies by individual delegate interest

MINING MANAGEMENT & ECONOMICS

Mineral Grades

Commercial Viability/Feasibility Studies

Operation Costs

Commodity Market

Sources of Finance

Financial Management

Business Development

Human Resources

Taxation

MINING LAW

Environmental laws

Ownership and mineral rights

Licensing and exploration permits

Lease management

Mineral taxation

PROSPECTING AND EXPLORATION

Geological Inference

Geochemical Methods

Remote Sensing

Geophysical Methods

Drilling

MINE PLANNING AND DESIGN

MINING TECHNIQUES

Placer

Mining Equipment

Vein or Lode

Open Pit Strip Mining

Alluvial Mining

Open Pit Bench Mining

Underground Mining

MINERAL PROCESSING AND EXTRACTIVE

METALLURGY

Acid and Heap Leaching

Flotation

Hydrometallurgy

Cyanidation

Roasting

Electrowinning

Pyrometallurgy

Electrometallurgy

Electrorefining

Chlorination

Smelting

Electrolytic

MINE SAFETY

**MINE RECLAMATION AND ENVIRONMENTAL
MANAGEMENT**

Waste Disposal/Minimization

Tailings

Environmental Standards

Environmental Monitoring

Prevention and Control Techniques

Regulatory Controls

**WHILE ALL TOPICS ARE OF INTEREST TO THE ENTIRE DELEGATION, UNDERLINED TOPICS HAVE BEEN INDICATED
AS A PRIORITY ACCORDING TO THEIR INTERESTS**

**FOR MORE DETAILS ON SPECIFIC INTERESTS OR TO LEARN HOW YOU MAY PARTICIPATE IN THIS PROGRAM,
PLEASE CONTACT BENJAMIN_CHAPMAN@ITA.DOC.GOV OR CALL 202/482-6492**