

SHORT COURSE

Uranium Ore Processing



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Notes

OUTLINE

- Uranium ores and minerals
- Implications of mineral composition
- Preconcentration
- Pre-roasting
- Leaching mediums
- Acid leaching of uranium minerals
- Carbonate leaching of uranium minerals
- Leaching processes
- By-product uranium and vanadium recovery processes
- Key process operations and equipment
- Ion exchange
- Nanofiltration
- Solvent extraction
- Product recovery processes
- Testwork program guidelines
- Keys to successful project development
- Grade control
- Special health and safety issues

Notes