

SHORT COURSE

Treatment of Nickel-Cobalt Laterites



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Notes

OUTLINE

- References
- Ore Characterization and Process Implications
 - Idealized Orebody Profile
 - Real Orebodies
 - Metallurgical Implications
- HPAL
- Heap Leaching
- Atmospheric Agitated Tank Leaching
 - Sulphuric Acid Leaching
 - Chloride Leaching
 - Nitric Acid Leaching
- Smelting Processes
 - Ferronickel and Matte Smelting
 - Nickel Pig Iron Smelting
- Reduction Roast-Ammonia Leach (Caron) Process
- Segregation Roasting
- Selected Previously Proposed Processes
- Laterite Project Development
- Project Case Histories

Notes