

SHORT COURSE

SX and its Application to Copper, Uranium and Nickel-Cobalt



Presented by

Alan Taylor

ALTA Metallurgical Services

May 2022

Notes

OUTLINE

- Introduction
- Advantages of SX
- Disadvantages of SX
- Basic SX Process
- Organic Liquids in SX
- SX Contactors
- SX Ancillary Facilities
- Application of SX to Copper
- Application of SX to Uranium
- Application of SX to Nickel-Cobalt
- SX Plant Arrangement and Layout
- Fire Protection
- SX Materials of Construction
- SX Testwork
- SX Scale-Up and Design Criteria
- SX Plant Operation
- Performance and Risk
- Industry Trends
- References

Notes