

SX Kinetics, Inc. designed and manufactured this laboratory scale electrowinning pilot plant for a copper project in Israel.



**Project:** sxk-63  
**Client:** Arava Mines Ltd  
**Location:** Southern, Israel  
**Capacity:** 30 g Copper per hour  
**Cathodes:** 4  
**Anodes:** 5  
**Rectifier:** 0 to 25 amps, 0 to 6 volts

#### Items Provided:

- Electrowinning cell with electrolyte distribution manifold and flow meters
- Stainless steel cathodes with edge strips and lead alloy anodes
- Rich and lean electrolyte tanks with electrolyte feed and circulation pumps
- Teflon coated immersion heater with digital temperature controller and RTD
- Rectifier with constant regulation of current or voltage output
- Completely assembled and tested prior to shipment

#### SX Kinetics, Inc.

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