LOST DUTCHMAN MINES, LLC GOLD, SILVER, AND COPPER ORE CONCENTRATION TECHNOLGY SCHEMATIC

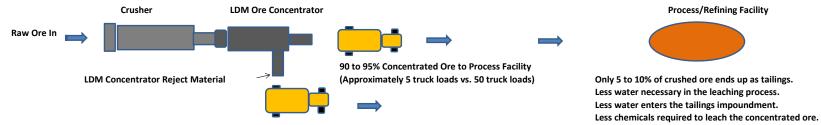
CONVENTIONAL ORE HAULAGE AND PROCESSING



A 5000 ton/day process capacity would require 50 truckloads of unconcentrated ore.

100% of crushed ore rock end up as tailings
100% of sulfidic (acidic) crushed ore rock ends
up as tailings in the impoundment.
Significant water ends up in the tailings impoundment
which eventually will require treatment.

LOST DUTCHMAN MINES ORE CONCENTRATION PROCESS TECHNOLOGY



- Reject material may go to a second LDM concentrator depending on reject ore grades.
- Reject material can be used beneficially as pit backfill, reclamation, road construction, remeditation efforts, and so on.

Additional Sustainable Benefits

If a process facility has 10 leach vats, the LDM concentrator would only fill one vat leaving other vats for increased leaching and productivity. The reduction of haul loads significantly reduces fuel costs and subsequent green house gases.

This technology can have significant effects on transportattion, labor, fuel, insurance, and maintenance costs.