



## Albion Process™ vs Pressure Oxidation

Albion Process™ is a combination of ultrafine grinding and oxidative leaching at atmospheric pressure. Feeds to the Albion Process™ are base and/or precious metal concentrates. The sulphides in the feed are oxidised, valuable metals liberated and then recovered through conventional downstream processes.

**32%**  
**LOWER OPEX**  
compared to POX  
[Bateman Eng.]

**INHERENTLY SAFER DESIGN**  
avoids safety issues of POX – greatly reduced fire risk

**24%**  
**LESS OXYGEN & LIMESTONE**  
than POX  
[SNC Lavalin]

**GREATER FLEXIBILITY**  
Albion Process™ treats more variable feed & lower grades

**58%**  
**LESS WATER**  
than MT-POX  
[SNC Lavalin]

**FAST, EFFICIENT COMMISSION**  
simple, effective in design and operation

**ENERGY EFFICIENT**  
no external heating or cooling required

**50%**  
**LESS POWER**  
than POX and less emissions  
[Bateman Eng.]

**STABLE TAILINGS**  
arsenic capture and minimal risk of AMD

\* All sources are available on the Glencore Technology website.

GLENCORE TECHNOLOGY

albionprocess.com  
glencoretechnology.com