

Edits to Brochure



- Front page – no changes required

GLYCINE LEACHING PROCESS

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Glycine Leaching Process

The Glycine Leaching Process is an environmentally benign hydrometallurgical process that will leach base and precious metal oxides, mixed oxides, and sulphide ores. Glycine is a simple amino acid and is available in bulk in different grades. It is an environmentally safe and stable reagent and is biodegradable and easily metabolized in most living organisms.

It is selective on which metals it leaches and does not leach common gangue minerals.

Metals Leached by Glycine Leaching Process											
Mn	Fe	Co	Ni	Cu	Zn	Ca	As	Se			
Pu	Rh	Pd	Ag	Cd	In	Sn	Sb	Te			
Os	Ir	Pt	Au	Hg	Tl	Pb	Bi				

It is easily recovered and recycled. For every tonne of it needed to do the process, 100 tons of it are produced and recycled. This means low reagent consumption costs for the plant and the user.

It is an environmentally safe and stable reagent and is biodegradable and easily metabolized in most living organisms.



- Redo the main graphic with the updated graphic attached (labelled periodic table update)
- Change the Text to the following:

The Glycine Leaching Process is an environmentally benign hydrometallurgical process that will leach base and precious metal oxides, mixed oxides, and sulphide ores.

Glycine is:

- the simplest and cheapest amino acid and is available in bulk in different grades
- **an environmentally safe and stable reagent** and is biodegradable and easily metabolized in most living organisms
- **selective on which metals it leaches** and does not leach common gangue minerals
- **easily recovered and recycled.** This means low reagent consumption costs.
- A simple process that can be used with **“off the shelf” items of equipment.** This means low capital costs when building plants.



- Insert the sentence after the heading “Several applications of the technology are being developed.
- Would like to make the graphic much clearer as small text is difficult to read.
- Make the colours a little more subdued/pastel
- Replace the word ‘Pregrobs’ with “consumes”
- Replace mine to-concentrate with mine-to-concentrate
- Delete the sentence “Gold recoveries to copper concentrate are often sacrificed to make a threshold smelter grade copper concentrate.”
- Change the order of the paragraphs to match the graphic ie GlySlag™ at the bottom.
- Delete the words “with cyanide” from the sentence: GlyCat™ is a process to enhance dissolution of gold and copper in gold/copper ores where glycine is used as a catalyst with cyanide in a cyanide starved leaching environment”



- Review orientation of circle photos. The right hand photo (blue glass flasks) appears to be tilting to the right and should be vertical.