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Author Correction: Critical importance of pH and collector type on the flotation of sphalerite and galena from a low-grade lead–zinc ore

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-82759-3>, published online 04 February 2021

This Article contains errors, where the tailing stream is missing in Figure 1. The correct Figure 1 appears below.

In addition, in Table 1, the amount of Na₂O in Feed, Lead concentrate, Zinc concentrate and Tailing is incorrect. The correct values appear in Table 1 below.

In the Results and discussion section,

“TXRD and mineralogical studies showed that pyrite and sphalerite are the major sulphide minerals and galena is the minor sulphide mineral. Also, dolomite, barite and quartz are the major gangue minerals The oxidation rate of lead and zinc was 11 and 5 percent respectively.”

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And,

“Transmitted (up) and reflected (down) microscopic images of the run of mine ore cross-section are shown in Fig. 3. Crystals of sphalerite, galena, and pyrite as sulphide minerals and dolomite as the main gangue mineral can be seen in Fig. 3.”

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“Transmitted (up) and reflected (down) microscopic images of the run of mine ore thin section are shown in Fig. 3. Crystals of sphalerite, galena, and pyrite as sulphide minerals and dolomite as the main gangue mineral can be seen in Fig. 3.”

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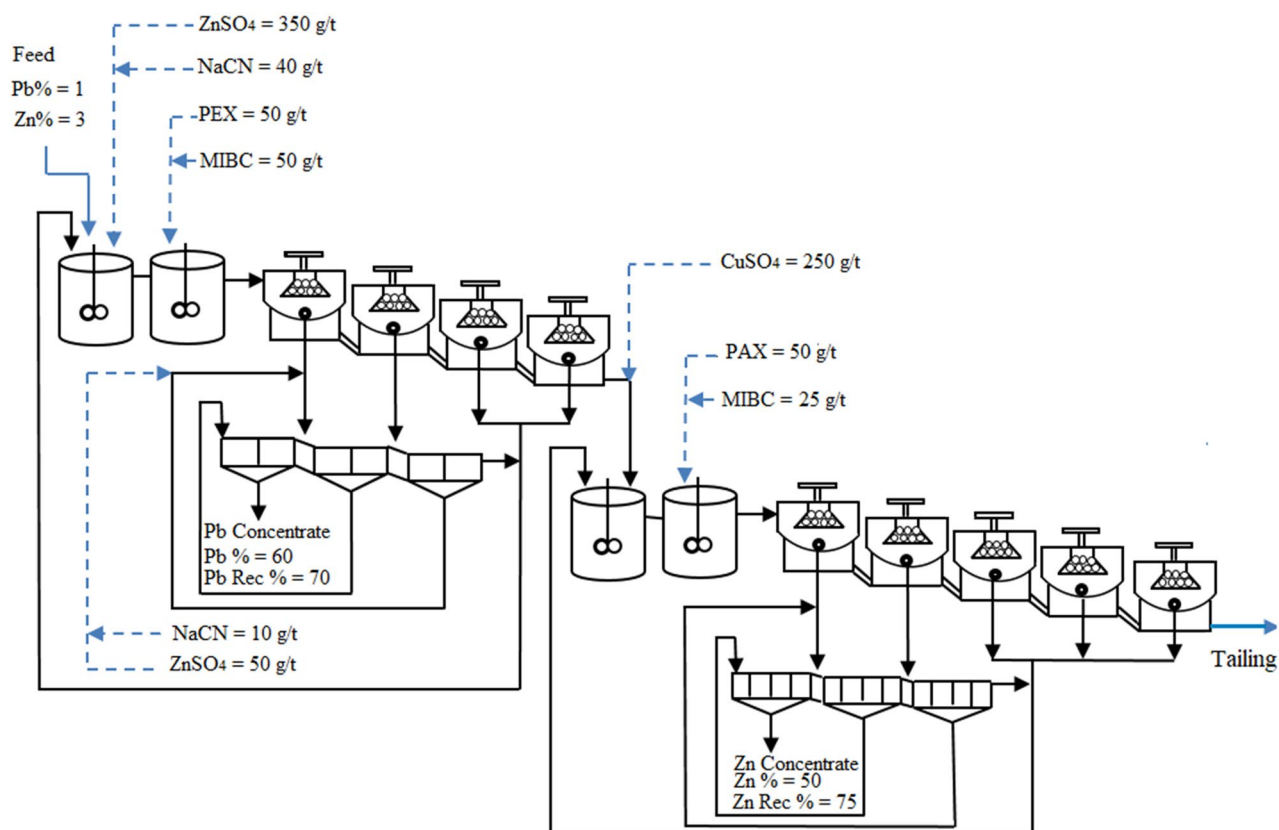



Figure 1. A correct version of the original Figure 1.

Element	Feed (wt.%)	Lead concentrate (wt.%)	Zinc concentrate (wt.%)	Tailing (wt.%)
SiO ₂	48.73	41.50	32.68	48.85
CaO	7.82	5.54	4.91	7.45
Fe ₂ O ₃	4.41	4.93	4.79	4.56
K ₂ O	2.28	2.29	1.57	2.13
MgO	5.55	4.04	3.51	5.33
Al ₂ O ₃	7.02	4.12	3.98	7.91
Na ₂ O	0.49	0.31	0.30	0.69
MnO	0.28	0.21	0.18	0.27
Ba	0.41	0.30	0.25	0.36
S	2.50	4.26	13.73	1.06
Pb	0.93	11.22	-	-
Zn	2.80	3.00	25.37	-

Table 1. A correct version of the original Table 1.

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