

Speculations on the genesis of enigmatic Pt-Ir-Fe-Ni micro-nuggets from the Falcondo Ni-laterite deposit, Dominican Republic

by Matías García-Tudela, Thomas Aiglsperger, Joaquín A. Proenza, Martin Racek, András Gorzsás, Francisco Longo

Electronic Supplementary Material – Supplementary Figures

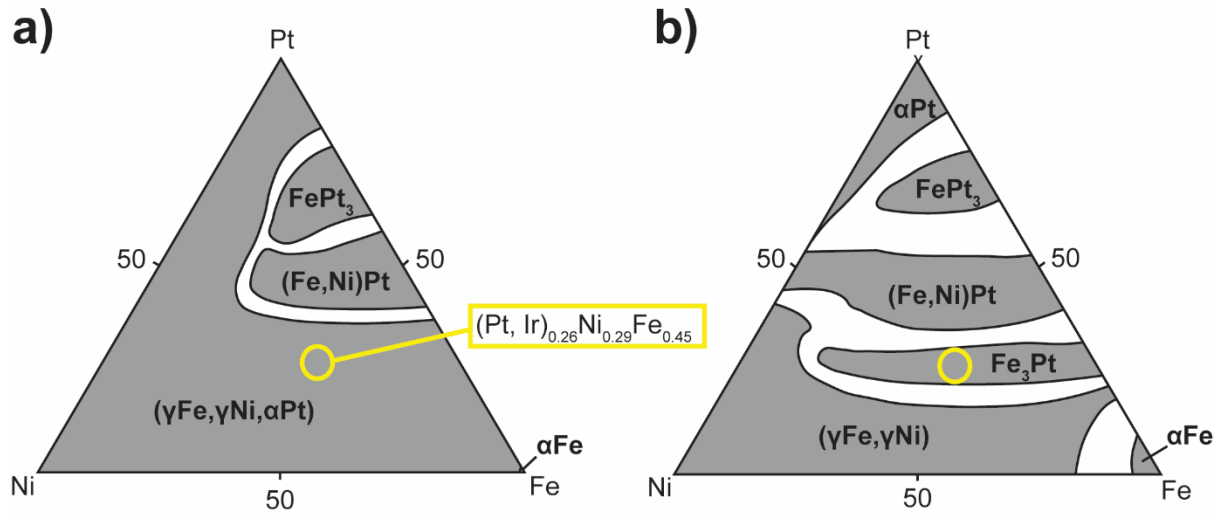


Fig. 1 a) Isothermal section at 900°C showing phase relationships of the Fe-Ni-Pt system. b) Isothermal section at 600°C showing phase relationships of the Fe-Ni-Pt system. The yellow circle shows the preferential composition of Pt-Ir-Fe-Ni alloys. Isothermal sections modified from Wen et al. (2024).

References

- Wen Z, Wang Y, Zhao W, et al (2024) Effects of Ni addition on the order–disorder transitions of Fe–Pt intermetallic compounds: An experimental study on Fe–Ni–Pt phase diagrams. *Journal of Materials Science & Technology* 182:54–66. <https://doi.org/10.1016/j.jmst.2023.10.015>