

### ***Gems & Gemology* Data Depository**

Supplementary photos to accompany the article: Schwarz D., Pardieu V., Saul J.M., Schmetzer K., Laurs B.M., Giuliani G., Klemm L., Malsy A.-K., Erel E., Hauzenberger C., Du Toit G., Fallick A.E., Ohnenstetter D. (2008) Rubies and Sapphires from Winza, Central Tanzania. *Gems & Gemology*, Vol. 44, No. 4, pp. 322–347.

Category: Stone photos



Figure DD-1. “Soldier,” a Tanzanian miner, presenting Winza sapphires just recovered from a hard-rock mine in April 2008. Photo © V. Pardieu/GGL.



Figure DD-2. Winza sapphires just mined from a hard-rock mine. Photo © V. Pardieu/GGL.



Figure DD-3. Winza sapphires just mined from a hard-rock mine. Photo © V. Pardieu/GGL.



Figure DD-4. At the Winza mining area, “Immanuel” presents a large blue/pink sapphire specimen associated with orange garnet and dark gray-green amphibolite. Photo © V. Pardieu/GGL.





Figure DD-5. Abdul Msellem, a Tanzanian gem broker, with a Winza sapphire crystal specimen in Arusha, Tanzania. Photo © V. Pardieu/GGL.



Figure DD-6. “Kinana”, a Massai gem dealer, shows a blue sapphire just mined from Winza. Photo © V. Pardieu/GGL.



Figure DD-7. A Tanzanian miner presents a blue sapphire crystal specimen just mined at Winza. Photo © V. Pardieu/GGL.



Figure DD-8. Winza pink sapphire associated with orange garnet and amphibolite. Photo © V. Pardieu/GGL.





Figure DD-9. A Winza pink sapphire crystal on its amphibolite matrix. Photo © V. Pardieu/GGL.



Figure DD-10. Winza pink sapphire within amphibolite matrix. Photo © V. Pardieu/GGL.



Figure DD-11. Winza pink sapphire crystal associated with amphibolite. Photo © V. Pardieu/GGL.



Figure DD-12. Winza blue/pink sapphire specimen in matrix associated with orange garnet and dark amphibolite. Photo © V. Pardieu/GGL.





Figure DD-13. Winza ruby and sapphire parcel. Photo © V. Pardieu/GGL.



Figure DD-14. Winza ruby and sapphire parcel. Photo © V. Pardieu/GGL.





Figure DD-15. Winza ruby and sapphire crystals. Photo © V. Pardieu/GGL.



Figure DD-16. Winza ruby and sapphire specimens seen in Arusha gem market in April 2008. Photo © V. Pardieu/GGL.





Figure DD-17. Winza ruby and sapphire specimens as seen at the mines in April 2008. Photo © V. Pardieu/GGL.



Figure DD-18. Details of Winza ruby and sapphire crystals seen at the mines. Photo © V. Pardieu/GGL.





Figure DD-19. Winza ruby and sapphire parcel. Photo © V. Pardieu/GGL.



Figure DD-20. Winza sapphire and ruby parcel. Photo © V. Pardieu/GGL.





Figure DD-21. Details of a ruby and sapphire parcel from Winza, seen in Arusha gem market. One bright red stone in the center of the photo was identified as a synthetic. Photo © V. Pardieu/GGL.



Figure DD-22. Winza Sapphire parcel. Photo © V. Pardieu/GGL.



Figure DD-23. Winza pink sapphires. Photo © V. Pardieu/GGL.



Figure DD-24. Winza blue/colorless sapphire. Photo © V. Pardieu/GGL.





Figure DD-25. Winza rubies obtained for characterization. Photo © B. M. Laurs/GIA.



Figure DD-26. Winza rubies. Photo © B. M. Laurs/GIA.



Figure DD-27. Winza ruby. Photo © B. M. Laurs/GIA.



Figure DD-28. Winza color-zoned sapphire. Photo © B. M. Laurs/GIA.