
Category: Mining eluvial/primary deposits

Figure DD-1. View of Winza gem mining area, April 2008. Photo © V. Pardieu/GGL.
Figure DD-2. View of Winza gem mining area. Photo © V. Pardieu/GGL.

Figure DD-3. View of Winza gem mining area. Photo © V. Pardieu/GGL.
Figure DD-4. View of Winza gem mining area. Photo © V. Pardieuf/GGL.

Figure DD-5. View of Winza gem mining area. Photo © V. Pardieuf/GGL.
Figure DD-6. View of Winza gem mining area. Photo © V. Pardieu/GGL.

Figure DD-7. View of Winza gem mining area. Photo © V. Pardieu/GGL.
Figure DD-8. A truck is loaded with gem-bearing ground for transport to the nearby river for washing. Photo © V. Pardieu/GGL.
Figure DD-9. Simple living quarters have been constructed near some of the mine workings, May 2008. Photo by B. M. Laurs, © GIA.

Figure DD-10. Vincent Pardieu collects rock specimens in the Winza mining area. Photo by J. B. Senoble.
Figure DD-11. Mining for gems at Winza. Photo © V. Pardieu/GGL.
Figure DD-12. Digging a trench at a hard-rock mine. Photo © V. Pardieu/GGL.
Miners have dug through the gem-bearing rust-brown eluvial soil and are recovering sapphires from the underlying hard-rock deposit (amphibolite). Photo © V. Pardieu/GGL.
Figure DD-14. Miners follow an amphibolite vein at this hard-rock deposit. Photo © V. Pardieu/GGL.
Figure DD-15. Details of an amphibolite vein (blocky area) in a mining trench. Photo © V. Pardieu/GGL.
Figure DD-16. A miner removes material from a trench following an amphibolite vein. Photo © V. Pardieu/GGL.

Figure DD-17. A mine owner oversees one of his workers. Photo © V. Pardieu/GGL.
Figure DD-18. A miner descends into a hard-rock mine in search of rubies and sapphires. Photo © V. Pardieu/GGL.
Figure DD-19. Mining pit following an amphibolite vein. Photo © V. Pardieu/GGL.
Figure DD-20. Underground hard-rock mining reached depths of 15 m in April 2008. Photo © V. Pardieu/GGL.
Figure DD-21. Details of the walls of a mining pit. Photo © V. Pardieu/GGL.
Figure DD-22. Dr. James Shigley and Brendan Laurs inspect one of the shafts, May 2008. Photo by B. M. Laurs, © GIA.

Figure DD-23. View down the shaft shown above; note the miner working at the bottom of the shaft. Photo by B. M. Laurs, © GIA.
Figure DD-24. This shaft reportedly produced a fine ruby. Photo by B. M. Laurs, © GIA.
Figure DD-25. Bags of ruby-and sapphire bearing material await transportation to the nearby river for washing. Photo by B. M. Laurs, © GIA.
Figure DD-26. Dimitri Mantheakis inspects a large sapphire crystal that has just been unearthed. Photo by B. M. Laurs, © GIA.