

6. Correct. The answer is false. No overburden is removed in this process. The in-situ leaching process involves pumping an environmentally benign solution of water and sodium bicarbonate down an injection well where it flows through the deposit, dissolving the uranium. The uranium-bearing solution is pumped back to the surface through extraction wells, leaving the underground rock formation intact. The uranium is extracted at a central processing facility and the mining solution recycled. This mining technique produces no tailings and has significant operational and environmental advantages over conventional mining methods. About 85% of U.S. uranium production is from in-situ production