



East Tennessee Mines

USA

Fast Facts

MINE TYPE: Underground zinc mines

PRODUCTS: zinc concentrate

EMPLOYEES: 460



Location

The three mines are located in and around Tennessee's Knox and Jefferson Counties. All three mines are located within approximately 20 miles of each other and are 150 miles from the Middle Tennessee Mines as well as 250 miles from Nyrstar's Clarksville smelter.

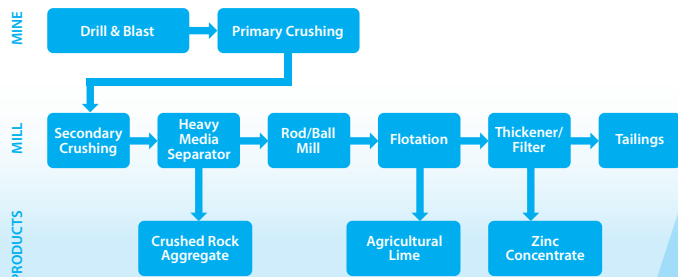
OVERVIEW

The East Tennessee complex consists of a processing plant and three underground zinc mines: Young, Coy and Immel. Zinc mineralisation at the mine complex occurs in Mississippi Valley-type deposits as open-space fillings of breccias and fractures within limestone and dolomites.

Ore from the three mines is processed into zinc concentrate at the Young mine site. The East Tennessee zinc mine complex has a close association with Nyrstar's Clarksville smelter.

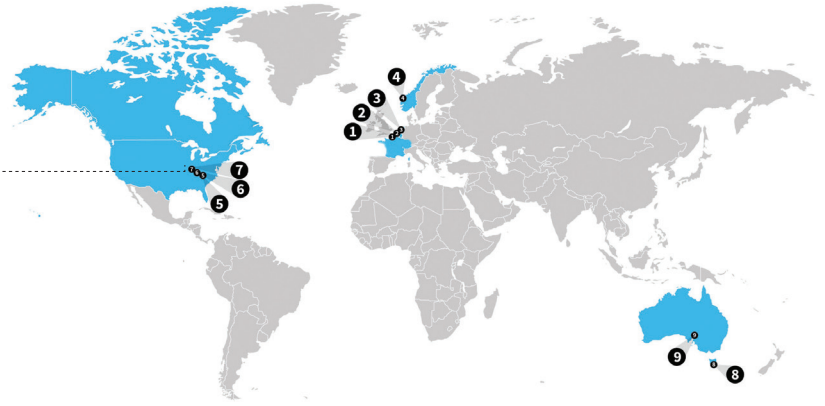


PRODUCTION PROCESS AT TENNESSEE



Tennessee, and the world of Nyrstar

Nyrstar Tennessee Mines, USA



- 1** **AUBY** Smelter, *France*
- 2** **BALEN / OVERPELT** Smelter & Oxide Washing Plant, *Belgium*
- 3** **BUDEL** Smelter, *The Netherlands*
- 4** **HOYANGER** Fumer, *Norway*
- 5** **EAST TENNESSEE** Mine Complex, *USA*
- 6** **MID TENNESSEE** Mine Complex, *USA*
- 7** **CLARKSVILLE** Smelter, *USA*
- 8** **HOBART** Smelter, *Australia*
- 9** **PORT PIRIE** Multi-metals Processing Facility, *Australia*

THE WORLD OF NYRSTAR

Nyrstar East Tennessee Mines are part of Nyrstar, a global multi-metals business, with a market leading position in zinc and lead.

Nyrstar has mining, smelting and other operations located in Europe, the United States and Australia and employs over 4,000 people.

The company's global operations are located close to key customers and major transport hubs to facilitate delivery of raw materials and distribution of finished products.

In July 2019, Nyrstar's operating business became majority owned by Trafigura, one of the world's leading independent commodity trading companies. Visit www.nyrstar.com.

HISTORY

East Tennessee Mines' rich history began in the 1850s when oxidized zinc ores were discovered along Mossy Creek in Jefferson City and small scale mining continued through the early 20th Century.

Since 1926, several operators have continued mining, development and exploration throughout the area. Nyrstar's acquisition and consolidation of the operation in 2009 took the three mines off care and maintenance to deliver consistent production.



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