

Ray Complex- Ray and Hayden Operations



Operational Highlights

Process Operations: Large open-pit mine; two concentrators; a leach-solvent extraction-electrowinning plant; an INCO Oxygen Flash Smelter, oxygen plant and a metallurgical acid plant.

Location: 64 miles southeast of Phoenix; 70 miles northeast of Tucson; smelter 18 miles southeast of mine. (Pinal and Gila Counties)

December 31, 2014 Employment:

Total: 1417 employees; 1125 hourly / 292 salaried.

Economic Impacts

2014 Wages, salaries and fringe benefits:
\$ 139.3 million

2014 Property, severance and sales taxes:
\$ 13.1 million

2014 Total materials and other spending
(energy, fuel and supplies): \$ 358.6 million

2013 Wages, salaries and fringe benefits:
\$140.2 million

2013 Property, severance and sales taxes:
\$18.9 million

2013 Total materials and other spending
(energy, fuel and supplies): \$ 361.8 million

Milestones:

1983-
Smelter Modernization—INCO Oxygen Flash Smelter Commissioned

1986-
Ray Mines Division purchased from Kennecott Copper Corporation

1992-
Ray Concentrator Commissioned;
Expansion of Ray Mine completed

2044-
Reserve life of Ray Mine

Production Statistics

Copper in SX-EW Cathode:

62.0 million lbs. (2014)

63.6 million lbs. (2013)

Copper in Anodes:

316.2 million lbs. (2014)

273.7 million lbs. (2013)

Sulfuric Acid:

577.1K short tons (2014)

490.0K short tons (2013)

Society Infrastructure Needs Copper

Refined copper uses include: household wiring, plumbing and appliances, consumer electronics, industrial motors and transformers, automotive, medical equipment and power generation and transmission.

Address:

Mine: 27809 Mineral Creek Road • Kearny, AZ 85137

Smelter: 6094 North Asarco Road • Hayden, AZ 85135