

Nuclear Earth - NAC International Inc.**Facility Profile: Olympic Dam - Mill**

Name	Site	Location	Country	Owner	Type	Sub Type	Class
Olympic Dam	Olympic Dam	Roxby Downs	Australia	BHP Billiton	Mill	ByProdCuAuAg	Commercial

IAEA Number	Status	Startup	Shutdown	Decommission	TerraServer	Google	Location Accuracy
	Operating				<input type="button" value="Search"/>	Maps	Within 500 meters (site identified)

Mill Production Ownership for Olympic Dam

Owner Name	Percent Owned
BHP Billiton (WMC Resources Limited)	100.000%

Capacity for Olympic Dam

Facility	Class	Status	Quantity	Units	Form	Effective Date
Mill	Commercial	Operating	10100	1000's Lb./Year	U3O8	11/01/2007

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Country	State	Location	Site	Owner	Name	Type	Sub Type	Class	Status	Group
Australia	South Australia	Roxby Downs	Olympic Dam	BHP Billiton	Olympic Dam	Mill	ByProdCuAuAg	Commercial	Operating	Australia

Producer Notes for: Olympic Dam

- The Olympic Dam project received governmental approval of its environmental impact statement in June 1983. In March 1984, the Olympic Dam owners received formal government approval to proceed with the project. Copper, gold, silver and uranium are produced at Olympic Dam using the acid leach and solvent extraction method.
- Construction began at Olympic Dam in March 1986 with production beginning in August 1988.
- WMC Holdings Ltd.'s wholly-owned subsidiary WMC (Olympic Dam Corp.) Pty. Ltd. assumed full control of Olympic Dam in March 1993 by purchasing BP Australia's 49 percent share at a cost of approximately \$430 million. Olympic Dam Corp. paid \$240 million for BP's share and an additional \$190 million to relieve BP of future capital commitments.
- In early 1995, an 18-month expansion of the Olympic Dam project was completed, in which capacity was increased to 3.3 million lbs per year. A second expansion phase costing \$75 million increased annual capacity to 3.9 million lbs of U3O8.
- Construction began in 1997 on a \$1.2 billion expansion program that increased annual uranium production capacity from 3.9 million to 10.1 million lbs of U3O8. The expansion was completed during the first half of 1999, and production reached capacity of 10.1 million pounds during the third quarter of 2000.
- BHP Billiton has created a uranium and Olympic Dam expansion group to evaluate and plan the proposed US\$6 billion expansion of the Olympic Dam project. Current plans call for expansion of Olympic Dam to annual rates of 600,000 tonnes of copper and between 26.5 million and 33.1 million pounds of U3O8. Consideration is being given to further expansion of Olympic Dam with a total cost greater than US\$10 billion that would increase annual copper output to 1 million tonnes and uranium output to 66 million pounds. BHP has yet to commit to definitive expansion plans.
- A fire in the solvent extraction circuit in 2001 limited 2002 output to about 6.37 million pounds of U3O8. The cost of rebuilding the solvent extraction plant is estimated to have been A\$300 million.

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