

O
 O CAPITAO
 OAKAJEE
 OAKLANDS
 OAKOVER
 OAKOVER-ETHEL CREEK
 OAKY CREEK
 OASIS
 OBERON
 OBI
 OBI ISLAND (includes Ma
 OBOTAN (includes Nkrar
 OBUASI (AngloGold)
 OCEANA (includes Ocea
 OCHINSO
 OFFICER
 OJOLALI (includes Jamb
 OK MINES
 OKATUMBA-RHINELANI
 OLARAZ (includes Salina
 OLARY (Atlas)
 OLARY (Helix)
 OLARY CREEK (includes
 OLD BRONZEWING
 OLD MOUNT PEAKE
 OLD STATION
 OLIVE DOWNS (includes
OLYMPIC DAM
 OLYMPIC DOMAIN
 OLYMPUS
 OMAHOLA (includes INC.
 OMAI-AMAKURA (include
 ONDJOU
 ONGAVA (includes Borde
 ONGOMBO
 ONION LAKE
 ONSLOW (Energia)
 ONSLOW (Mitsui)
 OODNADATTA
 OOLDEA (includes Watra
 OONAH-WARATAH
 OORATIPPRA
 OOTANN
 OPALTON
 OPHIR
 ORA BANDA (includes Or
 ORA BANDA SOUTH



OLYMPIC DAM

Status: Expansion underway.

Location: 80km N of Woomera. (Lat:-30.44, Long:136.889)

Commodities: Gold-Copper, Copper, Gold, Silver, Uranium.

Ownership: [BHP BILLITON LTD](#) 100% through BHP Billiton Olympic Dam Corporation Pty Ltd (operator).

Mine office: Dean Dalla Valle, asset leader; Barry Mitchell, vice president - mining & mine manager; Josh Bryant, manager of mine technical services, BHP Billiton Uranium Pty Ltd, PO Box 150, Roxby Downs, SA 5725. Ph: (61 8) 8671 8888. Fax: (61 8) 8671 1876. Email: barry.mitchell@bhpbilliton.com.

Geology: Olympic Dam comprises a large body of fractured, brecciated and hydrothermally-altered granite, a great variety of haematite-bearing breccias and minor tuffs and sediments. The Olympic Dam breccia complex is of mid-Proterozoic age and is overlain by about 300m of barren flat-lying sediments. These sediments comprise the Cambrian Andamooka Limestone which overlies the Arcoona Quartzite, Corraberra Sandstone and Tregolana Shale (all of Proterozoic age). The deposit contains anomalous concentrations of iron, copper, uranium, gold, silver, barium, fluorine and rare earth elements. There are two main types of mineralisation; a copper-uranium ore with minor gold and silver within numerous individual ore zones, which make up most of the resource, and a gold ore type which occurs in a very restricted locality.

Resources/Reserves: At Jun 2010 the measured-indicated-inferred gold resource was 151 Mt at 0.99 g/t for 4.81 Moz (non-sulphide Au only deposits). At Jun 2010 the measured-indicated-inferred gold resource was 9,075 Mt at 0.32 g/t for 93.37 Moz. At Apr 2010 the measured-indicated-inferred copper resource was 9,075 Mt at 0.87% for 78.95 Mt. At Jun 2010 the measured-indicated-inferred uranium resource was 9,075 Mt at 0.03% for 2.45 Mt. At Jun 2010 the measured-indicated-inferred silver resource was 9,075 Mt at 1.5 g/t for 437.65 Moz. At Jun 2010 the proven-probable copper reserve was 598 Mt at 1.84% for 11 Mt. At Jun 2010 the proven-probable uranium reserve was 598 Mt at 0.06% for 346,840t. At Jun 2010 the proven-probable gold reserve was 598 Mt at 0.71 g/t for 13.65 Moz. At Jun 2010 the proven-probable silver reserve was 598 Mt at 3.44 g/t for 66.14 Moz.

Operation: Underground.

Treatment: Grinding, flotation, SX-EW, smelting.

Plant capacity: 11 Mtpa.

Production: From Jun 2010 to Mar 2011 143t of copper was produced from 7.8 Mt of ore at 1.84%; From Jun 2009 to Jun 2010 103,253t of copper was produced from 5.09 Mt of ore at 1.8% (cathode); From Jun 2010 to Mar 2011 3,030t of uranium was produced from 7.8 Mt of ore at 0.05%; From Jun 2009 to Jun 2010 2,279t of uranium was produced from 5.09 Mt of ore at 0.06% (U3O8 concentrate); From Jun 2010 to Mar 2011 92,020 oz of gold was produced from 7.8 Mt; From Jun 2009 to Jun 2010 65,404