

# Our Resources at Work

Customer Sector Energy	Customer Sector Construction	Customer Sector Industry	Customer Sector Household Appliances	Customer Sector Personal Use
<b>Petroleum</b>				
<b>Oil and Natural Gas</b> Fuel, heating, electricity generation	<b>Oil and Natural Gas</b> Carpets, paints, plastics	<b>Oil and Natural Gas</b> Electricity generation, transport, furnace fuel	<b>Oil and Natural Gas</b> Plastic components, packaging	<b>Oil and Natural Gas</b> Electricity, fuel for vehicles, fuel for cooking and heating, clothing fabric, plastic toys, pens
<b>Aluminium</b>				
<b>Aluminium</b> High-tension power lines, wires and cables	<b>Aluminium</b> Door and window frames, wall cladding, roofing, awnings	<b>Aluminium</b> Propellers, body sheet (for ships, aeroplanes, vehicles), gearboxes, motor parts, wires, cables, packaging	<b>Aluminium</b> Components for TV sets, radios, refrigerators and airconditioners	<b>Aluminium</b> Beverage cans, bottle tops, foil wrap, foil semi-rigid containers, kettles and saucepans, cutlery, tennis racquets, softball bats, indoor and outdoor furniture, bicycles, vehicles
<b>Base Metals</b>				
<b>Copper</b> Wire and cables, electrical wiring in buildings, electrical generators and motors <b>Lead</b> Lead-acid storage batteries (car batteries), remote area power storage <b>Uranium*</b> Electricity generation <b>Zinc</b> Zinc carbon batteries	<b>Copper</b> Electrical wiring, plumbing pipes and tanks, roofing, light fixtures, treated timbers <b>Gold</b> Gold leaf for decoration <b>Lead</b> Roofing, plumbing, soundproofing, stained glass windows <b>Silver</b> Solder <b>Zinc</b> Roofing, fences, doors, handles, paints, plumbing, nuts and bolts	<b>Copper</b> Wires and cables, electrical wiring in buildings and vehicles, robotics, airconditioning and refrigeration units, scientific instruments <b>Gold</b> Electronics for computers, industrial equipment, aerospace technology, tinted-glass windows <b>Lead</b> Lead foil, radiation shields, toxic waste storage containers, dyes, solder <b>Silver</b> Photographic paper and film, medicines, super conductors <b>Uranium*</b> Electricity generation <b>Zinc</b> Galvanising and corrosion protection, car bodies, carburettors, tyres	<b>Copper</b> Electrical appliances, telephone cables, microwave equipment, radio and TV sets <b>Gold</b> Electronic technology <b>Lead</b> Electronic and electrical appliances such as radios and TV sets (soldered connections) <b>Zinc</b> Door handles and other household components, brass fittings	<b>Copper</b> Ornaments, telephones, cooking utensils, home heating systems, decorative applications, coins <b>Gold</b> Jewellery, watches, currency, dentistry, decoration for dinnerware and ornaments <b>Lead</b> Computers, leadlight windows, glass in TV and computer screens for radiation protection <b>Silver</b> Jewellery, watches, dinnerware and ornaments, mirrors, cutlery, currency, medallions <b>Uranium*</b> Electricity <b>Zinc</b> Medications, zinc cream, TV sets, computer parts, toys
<b>Diamonds and Specialty Products</b>				
	<b>Diamonds</b> Diamond grit and powder impregnated rock drilling bits, masonry drilling, machine tool tips and cutting discs <b>Titanium</b> Pigment for paints, fabric, plastics, paper	<b>Diamonds</b> Polishing compounds for fine optical surfaces, jewel bearings, wire drawing dies <b>Titanium</b> Titanium metal for aerospace equipment, engines, abrasives, ceramics, robotics	<b>Diamonds</b> Knife 'sharpeners' <b>Titanium</b> Paper products, computer and TV screens	<b>Diamonds</b> Jewellery <b>Titanium</b> Cosmetics and sunscreens, fabric, clothing, jewellery, heart pacemakers, hip replacements, food colouring
<b>Stainless Steel Materials</b>				
<b>Nickel</b> Electricity generation turbines, batteries <b>Cobalt</b> Rechargeable lithium batteries for mobile telephones and laptop computers, jet engine turbines	<b>Nickel</b> Street furniture, building cladding, stainless steel <b>Cobalt</b> Tyre adhesives, magnets, carbide cutting tools	<b>Nickel</b> Computer hard disks, surgical implements and implants, jet engines, food and beverage equipment, pharmaceutical equipment, vehicles, metal hardening <b>Cobalt</b> Paints, enamels, glazes	<b>Nickel</b> Colour TV tubes, kitchen sinks, white goods <b>Cobalt</b> Videotape coatings, heating elements on electric stoves	<b>Nickel</b> Kitchen utensils, coins, mobile telephones, bathroom and kitchen fittings and fixtures
<b>Iron Ore</b>				
	<b>Iron Ore</b> Steelmaking, buildings, bridges, tools, cranes	<b>Iron Ore</b> Steelmaking, transport equipment, motor vehicles, farm machinery	<b>Iron Ore</b> Refrigerators, washing machines, ovens	<b>Iron Ore</b> Food cans, vehicles, tools, cutlery, jewellery, watches
<b>Manganese</b>				
<b>Manganese</b> Dry cell batteries		<b>Manganese</b> Steel alloys		<b>Manganese</b> Glass, ceramics, dry cell batteries
<b>Metallurgical Coal</b>				
		<b>Coking Coal</b> Steelmaking		
<b>Energy Coal</b>				
<b>Thermal Coal</b> Electricity generation, heating		<b>Thermal Coal</b> Electricity generation, heating, cement		<b>Thermal Coal</b> Electricity, fuel for cooking and heating

\* Safeguards are in place to ensure that uranium produced by our Olympic Dam operation is used only for power generation in countries that have bilateral safeguard agreements with the Australian Government.