



WESTERN AUSTRALIAN
Mineral and Petroleum
STATISTICS DIGEST
2007



Department of
Industry and Resources

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LIST OF FIGURES, TABLES AND MAPS

FIGURES

Figure 1	Mining Investment	3
Figure 2	Average Price Comparison 2006 and 2007	3
Figure 3	Western Australian Merchandise Exports 2007	3
Figure 4	Selected WA Commodities Relative to World Production Ending 2007, by Quantity	5
Figure 5	Sales by Commodity 2007	5
Figure 6	Value of Mineral and Petroleum by Commodity	6
Figure 7	Major Commodities by Value 2006 and 2007	6
Figure 8	Non-Rural Commodity Price Index	6
Figure 9	Exchange Rate US\$/A\$	7
Figure 10	Exchange Rate Trade Weighted Index	7
Figure 11	Australian Dollar Exchange Rate Against Major Currencies	7
Figure 12	Gold Exports	8
Figure 13	Western Australian Mineral and Petroleum Exports 2007	8
Figure 14	Western Australian Merchandise Exports 2007	8
Figure 15	Western Australian Merchandise Exports 2007	8
Figure 16	Petroleum Exports	9
Figure 17	Crude Oil and Condensate Exports	9
Figure 18	Iron Ore Exports	9
Figure 19	Alumina Exports	9
Figure 20	Nickel Exports	9
Figure 21	Heavy Mineral Sands Export	9
Figure 22	Iron Ore Price	10
Figure 23	Gold Price	10
Figure 24	Tapis Crude Oil Price	10
Figure 25	Nickel Price	10
Figure 26	Alumina Price	10
Figure 27	LNG Import Prices	11
Figure 28	Average LNG Import Prices	11
Figure 29	Average Natural Gas Prices	11
Figure 30	Historic Oil Price	12
Figure 31	Historic Gold Price	12
Figure 32	Historic Nickel Price	12
Figure 33	Gold Quantity and Value by Quarter	13
Figure 34	Nickel Quantity and Value by Quarter	13

Figure 35	Heavy Mineral Sands Quantity and Value by Quarter	13
Figure 36	Iron Ore Quantity and Value by Quarter	13
Figure 37	Alumina Quantity and Value by Quarter	13
Figure 38	Crude Oil and Condensate Quantity and Value by Quarter	13
Figure 39	Nickel Quantity	14
Figure 40	Gold Production	14
Figure 41	Heavy Mineral Sands Value of Production	14
Figure 42	Crude Oil and Condensate Quantity	15
Figure 43	Iron Ore Quantity	15
Figure 44	Alumina Quantity	15
Figure 45	Mineral Exploration Expenditure	16
Figure 46	Petroleum Exploration Expenditure	16
Figure 47	Crude Oil and Condensate Production 2007	16
Figure 48	Natural Gas Production	16
Figure 49	Regional Value of Minerals and Petroleum 2007	20
Figure 50	Royalty Receipts 2007	22
Figure 51	Royalty Receipts by Commodity	22

TABLES

Table 1	Quantity and Value of Minerals and Petroleum	17
Table 2	Quantity and Value of Selected Major Commodities	18
Table 3	Value of Minerals and Petroleum by Region by Commodity 2007	20
Table 4	Value of Minerals and Petroleum by Region by Local Government Authority 2007	21
Table 5	Royalty Receipts 2006 and 2007	22
Table 6	Principal Mineral and Petroleum Producers	23

MAPS

Map 1	Local Government Boundaries	27
Map 2	Local Government Boundaries	28
Map 3	Major Mineral and Petroleum Projects in Western Australia	29

WESTERN AUSTRALIAN RESOURCES INDUSTRY CONTINUES TO GROW

In 2007 the estimated value of Western Australia's mineral and petroleum industry reached \$53.1 billion. This represented a seven per cent (\$3.6 billion) increase compared to the previous year.

This result was achieved through strong overseas demand for mineral and petroleum commodities, increased output and strong commodity prices. When analysing this outcome it needs to be considered in the context of an 11 per cent strengthening of the Australian dollar against the US dollar, adverse weather conditions in the first quarter of 2007 plus ongoing difficulties with equipment supplies and skills shortages.

Accounting for most of the increase in value was nickel, iron ore and petroleum. These three sectors accounted for around 75 per cent of the total value of \$53.1 billion for 2007. Petroleum accounted for the highest portion of sales with 31 per cent of the total value while iron ore represented 30 per cent and nickel accounted for 13 per cent.

Several commodities actually recorded decreased levels of physical output, notably lead, coal, cobalt, gold and nickel. However, very strong commodity prices translated to the value of both cobalt and nickel rising despite these production falls.

Petroleum is the largest resource sector by value and an increase in sales of \$1.2 billion saw it reach a record level of \$16.7 billion. This eight per cent rise in value was chiefly due to continued high world oil prices and a ten per cent increase in crude oil sales volume.

A total of 264 million tonnes of iron ore was sold in 2007, valued at \$16.1 billion, an increase of five per cent and nine per cent respectively. Iron ore is competing with petroleum to be the largest resource sector by value with the commodity accounting for 30 per cent of total minerals and petroleum sales in Western Australia in 2007. With mine and port expansions, proposed new developments and anticipated continued strong demand, it is expected that this sector will continue its record breaking run well beyond 2008.

Nickel is the third largest commodity by value, earning approximately \$7 billion in 2007. This was an astonishing 19 per cent (\$1.1 billion) increase compared to the previous year. Sales quantities actually dropped eight per cent from 2006 to 160,457 tonnes, however, strong world prices for nickel ensured that overall value rose.

Next in order of value to the State is alumina. It had a sales value of \$4.7 billion in 2007, down marginally from the previous year by just over one per cent. Alumina is followed closely by gold with a sales value of \$4.1 billion, a decline of four per cent.

In 2007 the price of lead almost doubled. Coupled with an increase in the output of copper and zinc, the Western Australian base metals sector performed strongly, increasing in value by ten per cent to \$1.8 billion.

The base metals sector performed strongly with increased output for both zinc and copper. Strong prices resulted in a ten per cent increase in the value of base metals in 2007 to reach a total of \$1.8 billion. Diamond sales also increased, recording a 38 per cent rise in quantity sold to reach 23.54 million carats and salt sales of \$306 million were also up by 27 per cent from 2006.

An average 11.3 per cent appreciation in the Australian dollar against the US dollar in 2007 had a significant influence on the overall mineral and petroleum result. Rising commodity prices were to a large extent offset by the appreciation of the Australian dollar. This resulted in changes in the value of commodities not being as substantial as predicted. The table below reflects the price changes in 2007 compared to 2006, in both US dollar and Australian dollar terms.

	US\$ Terms	A\$ Terms
Lead	Up 99%	Up 78%
Cobalt	Up 73%	Up 56%
Nickel	Up 53%	Up 39%
Gold	Up 15%	Up 4%
Iron Ore	Up 12%	Steady
Crude Oil	Up 11%	Down 1%
Alumina	Up 7 %	Down 3%
Copper	Up 6%	Down 5%
Zinc	Down 1%	Down 11%

It is expected the strong demand for Western Australia's commodities by the State's trading partners will continue beyond 2008 due to the prominence of China as a major export destination and its continuing economic prosperity.

Some additional indicators of Western Australia's significance in the national resource industry are that the State accounts for:

- Approximately 50 per cent of Australia's total value of mineral and petroleum sales (based on DoIR and ABARE published data, ABARE Australian Commodities December Quarter 2007, page 592); and
- 71 per cent of Australia's oil and condensate production (based on published data by ABARE, Australian Mineral Statistics quarterly 2007 publications).

The importance of the State's mining developments is reflected in the latest Australian Bureau of Statistics (ABS) investment figures for 2007. This data shows that Western Australia's share of national mining capital expenditure rose from 61 per cent (\$12.68 billion) in 2006 to 62 per cent (\$15.03 billion) in 2007, a 19 per cent increase for the previous year. National mining capital expenditure only rose 16 per cent from the previous year, indicating 70 per cent of this increase was invested in Western Australia.

Western Australia topped all other States contributing a little under 37 per cent (\$61.4 billion) towards the total Australian merchandise exports for 2007, an increase of 12 per cent on the previous year. Queensland followed with 20 per cent, then New South Wales with 17 per cent and Victoria contributing about 12 per cent.

The Western Australian mining and petroleum sectors contributed a massive 86 per cent (\$52.7 billion) toward the State's merchandise exports in 2007 which highlights the importance of these sectors on both the Western Australian and national economies.

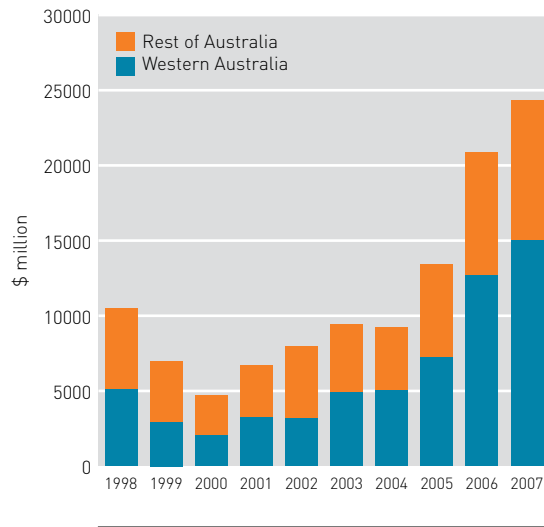


Figure 1 | Mining Investment Source: ABS

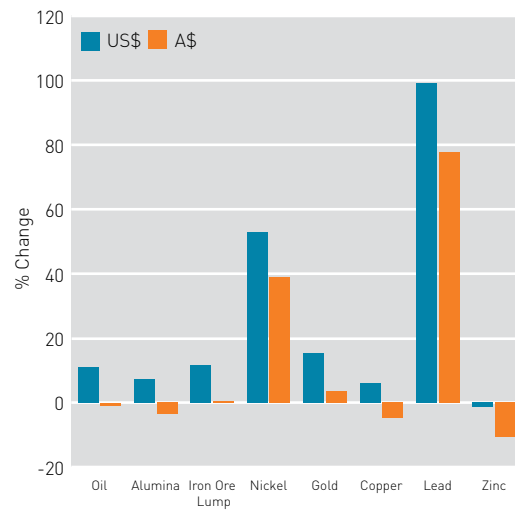


Figure 2 | Average Price Comparison 2006 and 2007 Source: LME, Kitco, TEX Report, Metal Prices

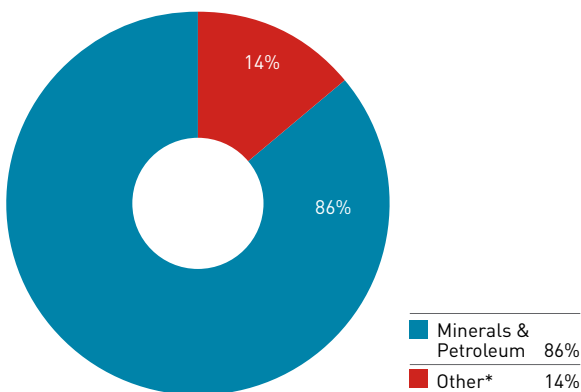


Figure 3 | Western Australian Merchandise Exports 2007 \$61.3 billion Source: DoIR and ABS

* Other includes wheat, wool, live animals, seafood, meat, pearls and other agricultural and manufactured items.

HIGHLIGHTS IN 2007

Iron ore is now the largest individual mineral sector by value and accounts for 30 per cent of the value of the overall mineral and petroleum sector's output for 2007. On the back of strong demand from China and rising prices, iron ore reached a record sales value of \$16.1 billion. This was more than a nine per cent rise from 2006. The quantity sold also broke records in 2007, increasing by more than five per cent to reach 264 million tonnes.

The **Tapis oil price** peaked in November at \$US103.71/bbl and averaged \$US78.19/bbl in 2007, up 12 per cent from 2006. The increased output of crude oil resulted in a ten per cent rise in sales volume to reach 82.5 million barrels. This increase combined with high oil prices caused the value of crude oil sales to increase by 12 per cent to \$7.4 billion. The value of condensate also rose ten per cent to \$3.2 billion. With most of the fields reflecting decreased output due to maturity, the Enfield and North Rankin fields accounted for the majority of the increase in production.

Nickel contributed almost \$7 billion (an increase of 19 per cent over the previous year) to the total value of the State's resources in 2007. Sales quantities of nickel actually fell 8.4 per cent to 160,457 tonnes. However a 39 per cent price rise in the price of nickel in Australian dollar terms resulted in an increase in the overall value of the sector.

Alumina's steady performance continued through 2007 to claim fourth place. A modest output increase of about three per cent resulted in a record 12.17 million tonnes being shipped. An increase in the US dollar price for alumina was not enough to offset the effects of the strengthening Australian dollar and resulted in the value of alumina sales in 2007 falling marginally to \$4.7 billion.

LNG sales volumes rose three per cent to achieve a record 12.4 million tonnes whilst the value of sales dropped by two per cent to \$4.5 billion. This resulted in LNG holding the position of fifth most valuable individual commodity in the State.

Gold output fell by seven per cent in 2007 to 4.9 million ounces (152,085 kg). This sector remains in sixth place with a value of \$4.1 billion, down a little over four per cent from 2006. Whilst gold averaged US\$697/oz for 2007, in January 2008 prices broke through the previous record of US\$850/oz set in 1980. Viewed as a safe-haven asset, gold has gone on to record an all-time high of US\$1033.90/oz, set in March 2008.

Base metals achieved a record value of \$1.8 billion in 2007, which was almost a ten per cent increase on the previous year. This was due to strong increases in

the production of copper and zinc. The value of copper rose 11 per cent to just over \$1 billion even though the price of copper fell by five per cent in Australian dollar terms. This was due to the increased quantity of copper produced in 2007, rising 19 per cent to 119,292 tonnes. The value of zinc also rose despite a fall in the US dollar price of almost two per cent. The value of zinc increased by 13 per cent to \$685 million due to a 30 per cent rise in quantity produced to 180,570 tonnes. Due to a fall in production of 44 per cent to 42,019 tonnes, the value of lead fell 12 per cent to \$116 million. This was despite lead prices almost doubling in US dollar terms in 2007.

Domestic natural gas sales increased by ten per cent to 9.2 billion cubic meters. The sales value of this gas rose by 21 per cent to \$985 million in 2007. LPG butane and propane also enjoyed an output increase of almost four per cent, returning a sales value of \$687 million which is a 12 per cent increase on the previous year.

In line with the nickel industry's lower output, **cobalt** sales volumes were down almost eight per cent. However an increase of 73 per cent in the US dollar price of cobalt resulted in an increase of 54 per cent in sales value to reach \$339 million.

The volume of **salt** sales rose by 27 per cent in 2007 to reach approximately 13.6 million tonnes. The value of these salt sales increased commensurately by 27 per cent in 2007 to \$306 million.

Diamond sales volumes increased just under 38 per cent to reach 23.5 million carats.

The total value of **mineral sands** fell by a little under 15 per cent to \$756 million.

Coal output and sales revenue were both down by 20 per cent and 17 per cent respectively. The value of coal produced in 2007 was \$264 million.

The State's resources in order of value for 2007 are:

	Billion
Iron Ore	\$16.12
Crude Oil and Condensate	\$10.62
Nickel	\$6.97
Alumina	\$4.70
LNG	\$4.45
Gold	\$4.05
Others	\$6.28

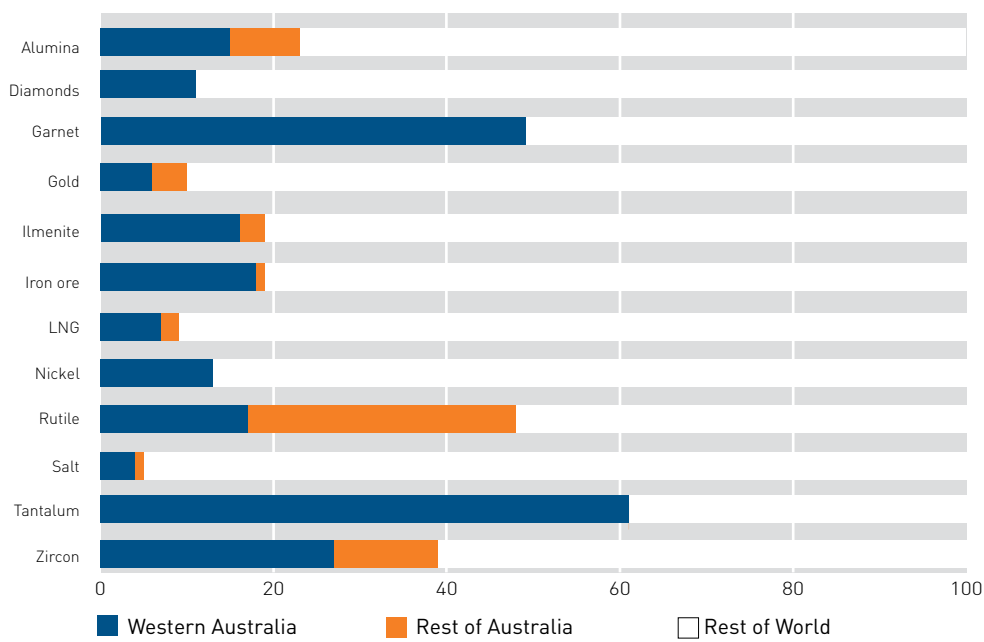


Figure 4 | **Selected WA Commodities Relative to World Production Ending 2007 by Quantity** Source: DoIR, ABARE, USGS

The latest comparable data show that the Western Australian share (by quantity) of the world's output of the following products was: alumina 15%, gold 6%, garnet 49%, ilmenite 16%, iron ore 18%, LNG (sea-borne trade) 7%, nickel 13%, rutile 17%, salt 4%, tantalum 61%, zircon 27% and 11% of diamonds (mainly industrial grade).

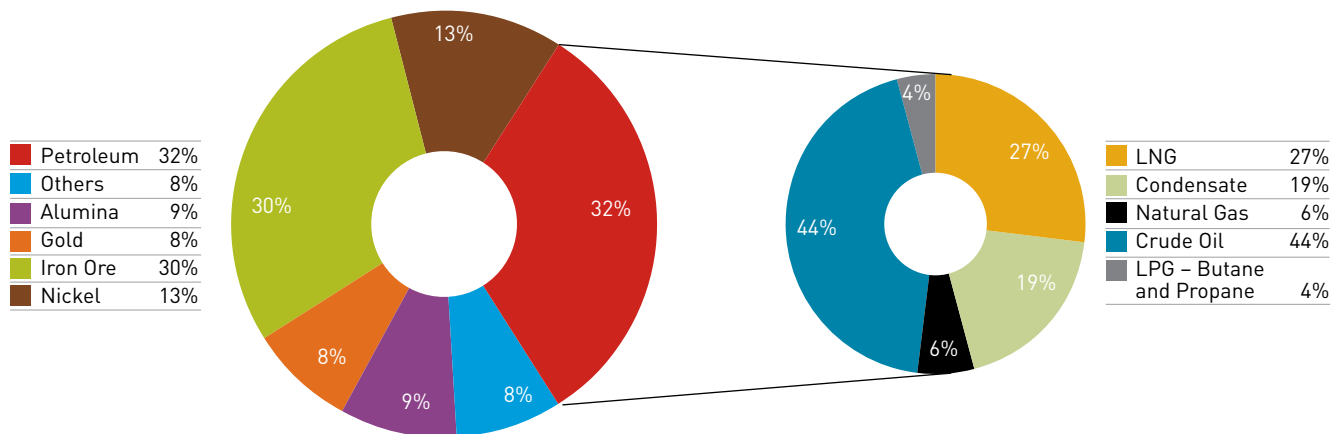


Figure 5 | **Sales by Commodity 2007** Source: DoIR

COMMODITIES AND PRICE INDEX

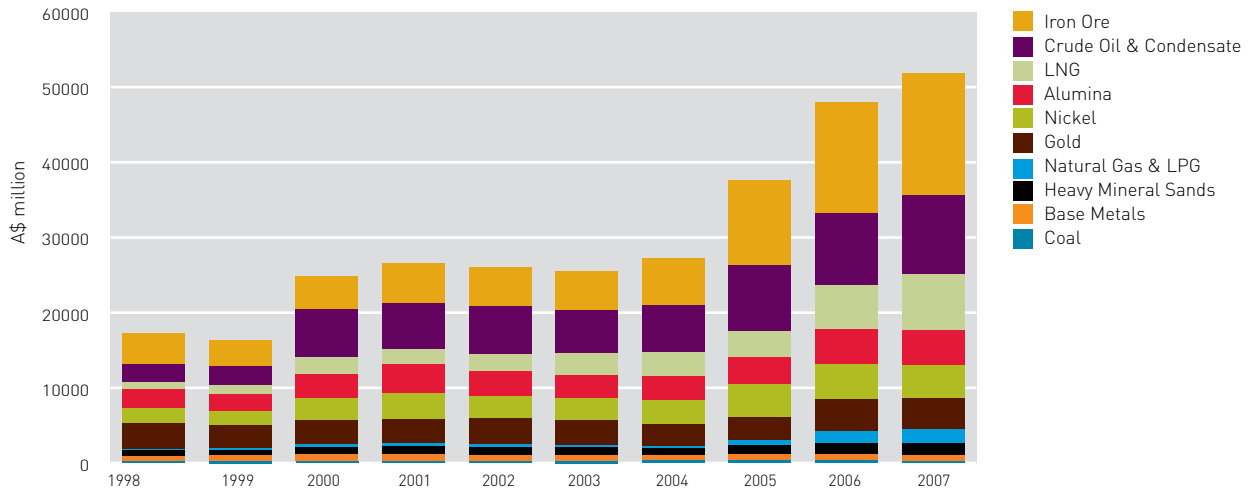


Figure 6 | Value of Mineral and Petroleum by Commodity Source: DoIR

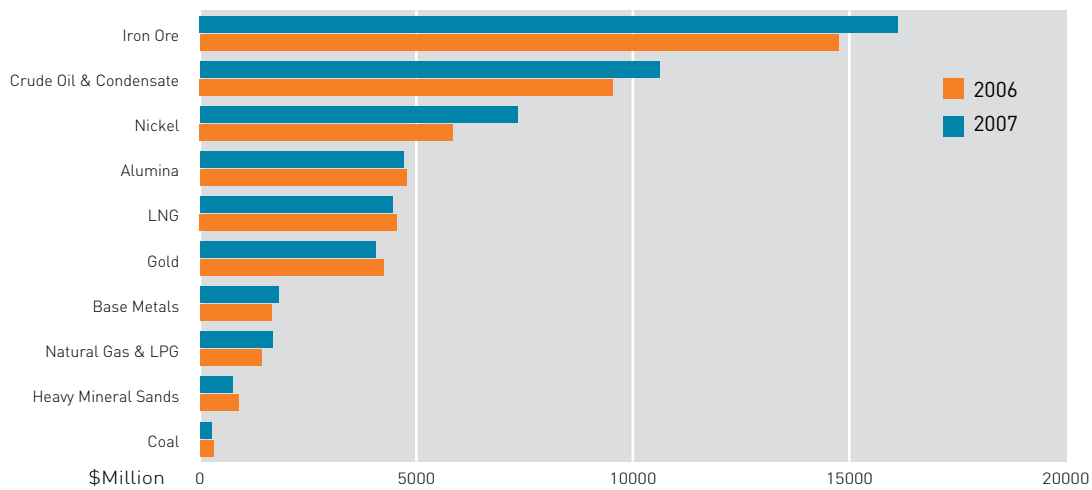


Figure 7 | Major Commodities by Value 2006 and 2007 Source: DoIR

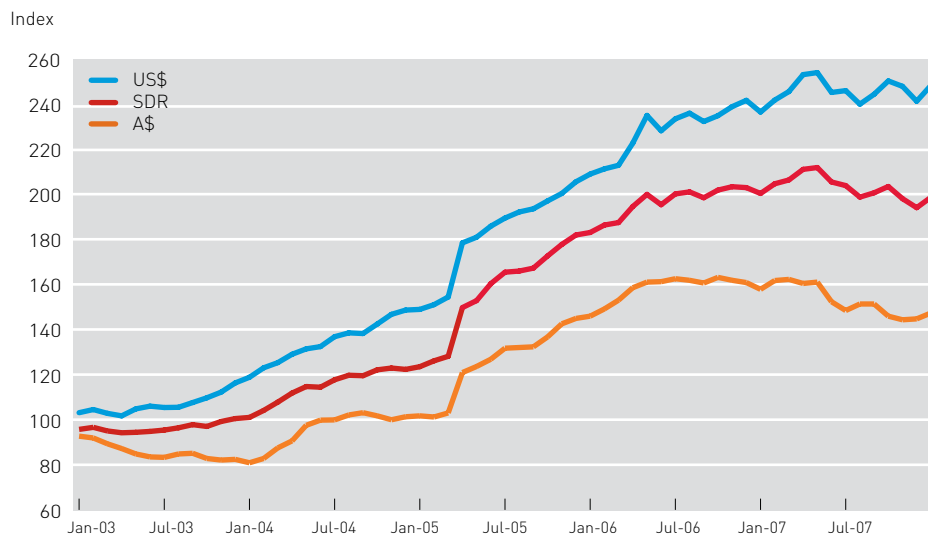


Figure 8 | Non-Rural Commodity Price Index (2001-02 = 100) Source: Reserve Bank of Australia

EXCHANGE RATES

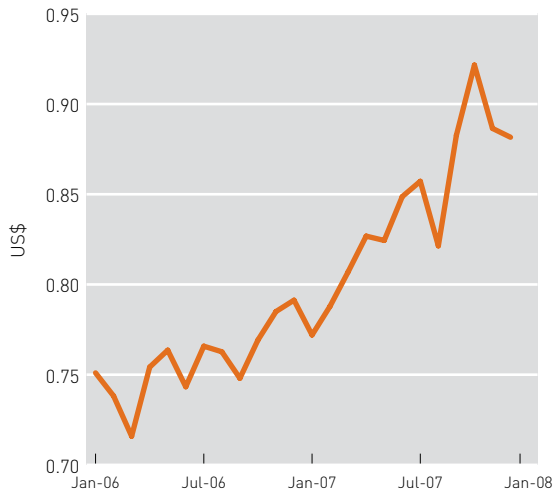


Figure 9 | **Exchange Rate US\$/A\$**
Source: Reserve Bank of Australia

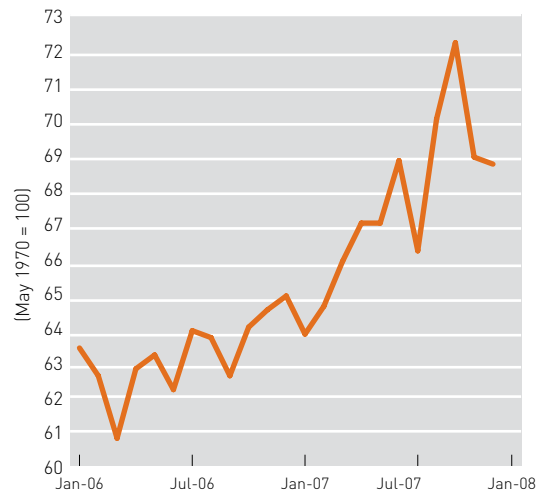


Figure 10 | **Exchange Rate Trade Weighted Index**
(units of foreign currency per A\$)
Source: Reserve Bank of Australia

Definition: "Trade weighted index" is the average value of A\$ in relation to the currencies of Australia's major trading partners.

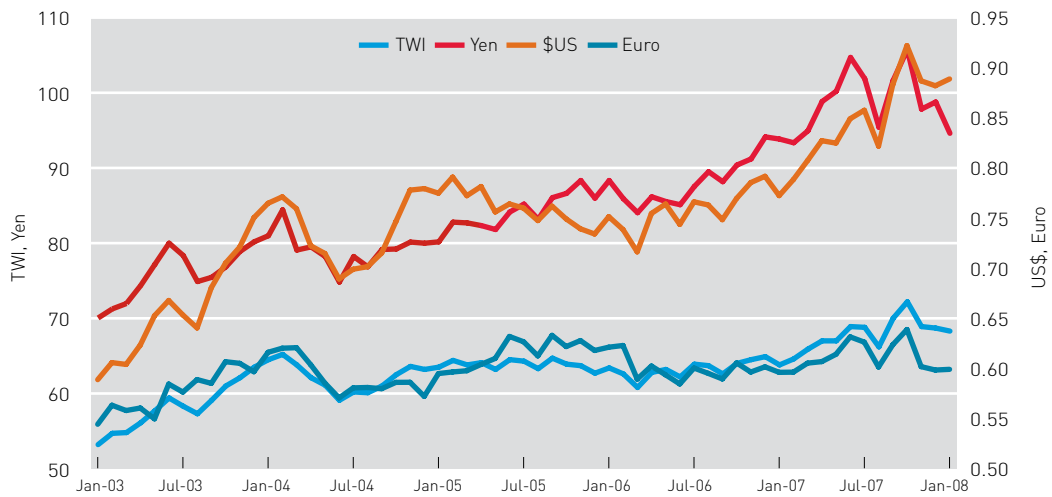


Figure 11 | **Australian Dollar Exchange Rate Against Major Currencies**
Source: Reserve Bank of Australia

EXPORTS

GOLD EXPORT UPDATE 2007

The Australia Bureau of Statistics (ABS) release trade data that indicated a significant rise in Western Australian gold exports. However, this apparent increase in gold exports from Western Australia has been due to a restructuring of Australia's gold refining industry.

In October 2002, AGR Matthey was formed. This is a partnership between Johnson Matthey (Aust) in Victoria, WA Mint (The Perth Mint) and the Australian Gold Alliance. As a result of the merger, all Australian gold is now refined in Western Australia. The Victorian refinery still refines silver and jewellery products.

Gold export data published by the ABS from Western Australia must therefore be interpreted with some caution. It includes gold produced in other States and Territories, in addition to production from overseas operations, namely Papua New Guinea and Asia, which is refined and exported from Western Australia. This export figure is therefore larger than Western Australia's own level of gold production.

The ABS estimates that gold exports from Western Australia in 2007 amounted to approximately \$11.28 billion. Approximately 36% or \$4.06 billion was gold produced in Western Australia. The remaining 64% (approximately \$7.22 billion) can be attributed to gold refined and exported from Western Australia but produced from mining operations in other States, Territories and overseas.

Overseas imported gold also includes scrap which is refined in Western Australia and exported.

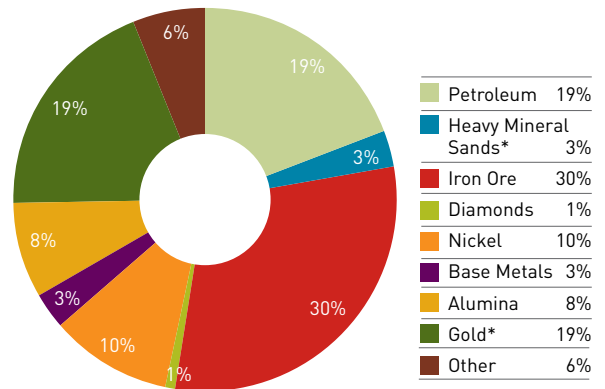


Figure 13 **Western Australian Mineral and Petroleum Exports 2007**

Total Value \$52.7 billion Source: DoIR

* Includes \$7.22 billion of gold and \$47 million of heavy mineral sands refined/processed and exported from Western Australia, but produced from mining operations in other States, Territories and overseas.

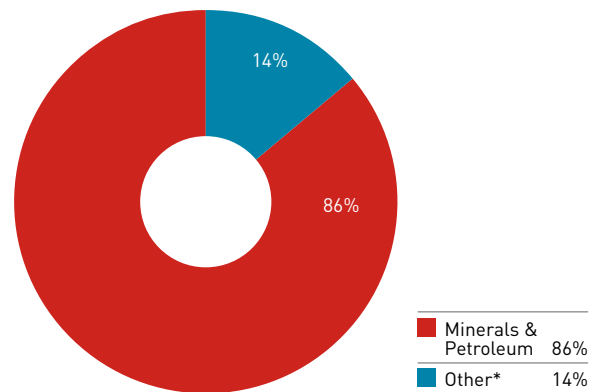


Figure 14 **Western Australian Merchandise Exports 2007**

\$61.3 billion Source: DoIR and ABS

* Other includes wheat, wool, live animals, seafood, meat, pearls and other agricultural and manufactured items.

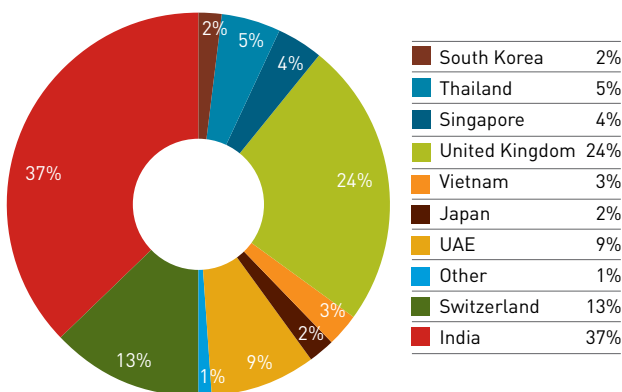


Figure 12 **Gold Exports**

Total Value \$11.28 billion Source: ABS and DoIR

Note: Includes gold refined/processed and exported from Western Australia, but produced from mining operations in other States, Territories and overseas.

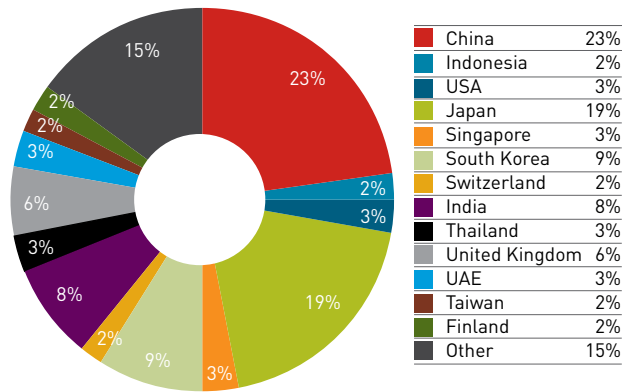


Figure 15 **Western Australian Merchandise Exports 2007**

\$61.3 billion Source: ABS

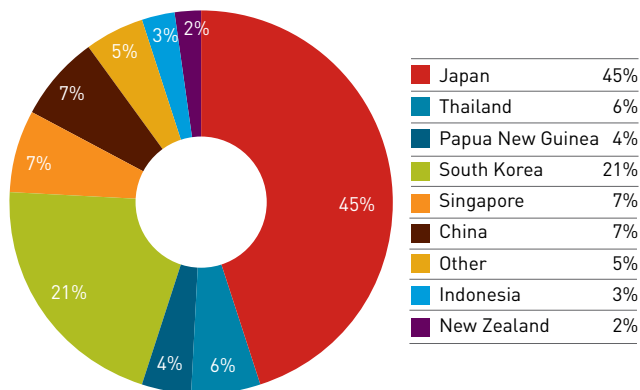


Figure 16 | **Petroleum Exports**
Total Value \$9.97 billion Source: DoIR and ABS

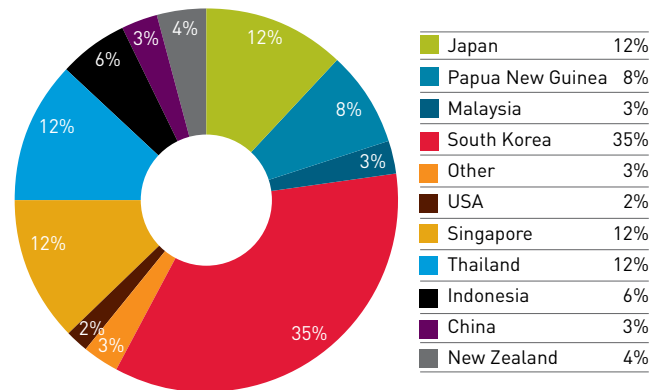


Figure 17 | **Crude Oil and Condensate Exports**
Total Value \$5.51 billion Source: DoIR and ABS

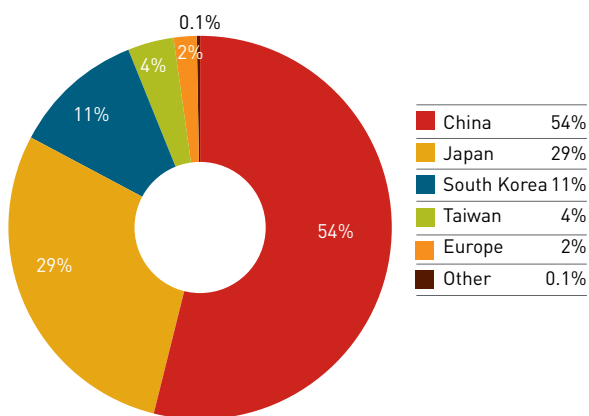


Figure 18 | **Iron Ore Exports**
Total Value \$15.70 billion Source: DoIR

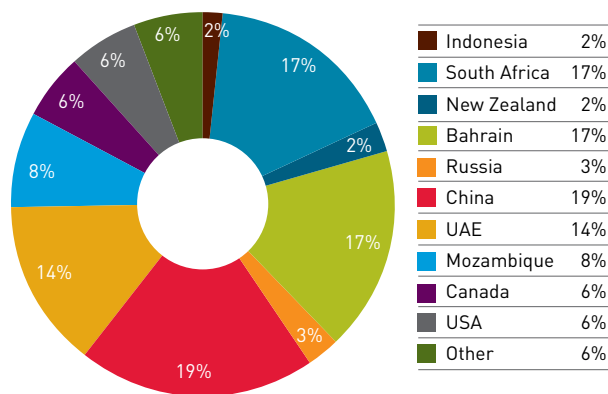


Figure 19 | **Alumina Exports**
Total Value \$4.16 billion Source: DoIR

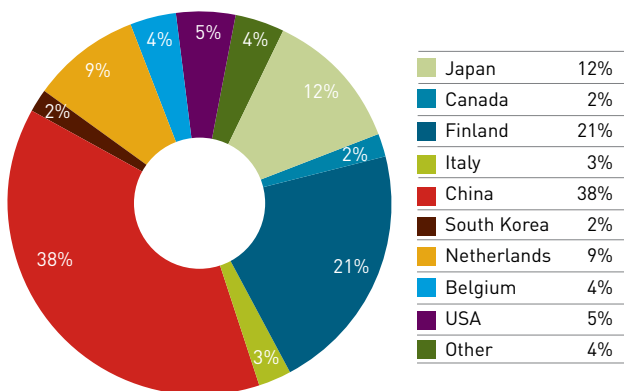


Figure 20 | **Nickel Exports**
Total Value \$6.94 billion Source: DoIR

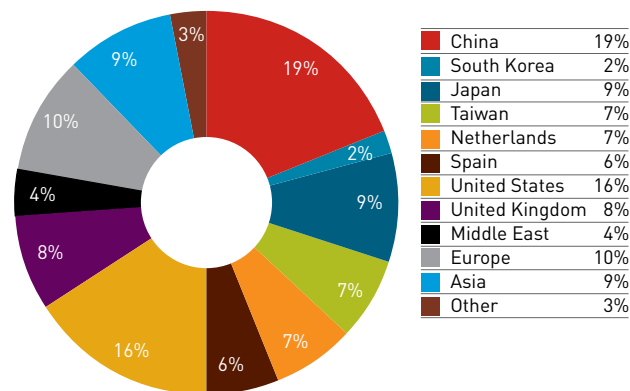


Figure 21 | **Heavy Mineral Sands Exports**
Total Value \$802 million Source: DoIR
Note: Exports include titanium dioxide and product sourced from other States and processed in Western Australia

PRICES

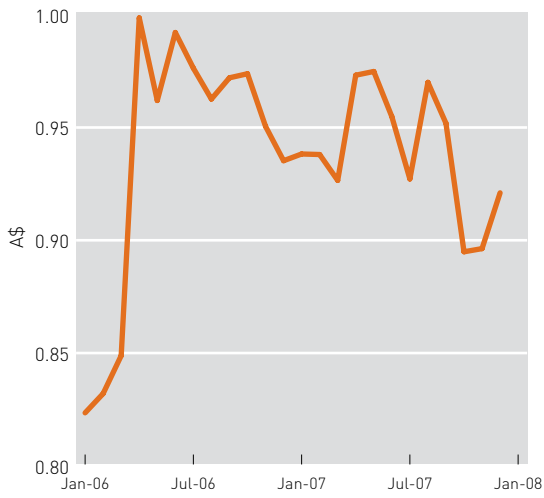


Figure 22 | Iron Ore Price A\$/Fe unit
 Source: Tex Report, High Grade Fine Ore Prices
 Note: Price is per 1%. An 'Fe unit' is equivalent to each 1% of iron ore. Hence, ore shipped at 63% Fe commands a price of 63 x 'Fe unit price'.

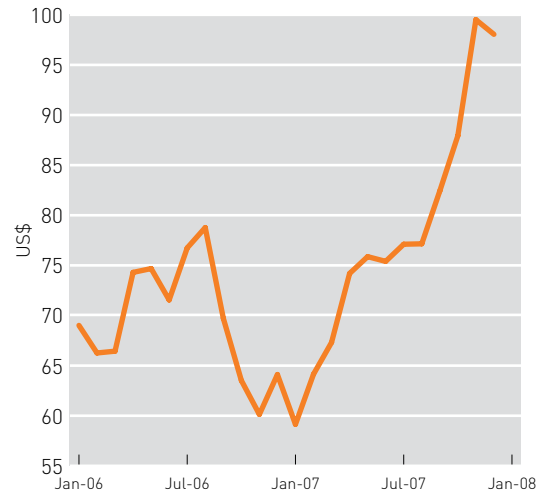


Figure 24 | Tapis Crude Oil Price US\$/bbl
 Source: WA Treasury Corporation

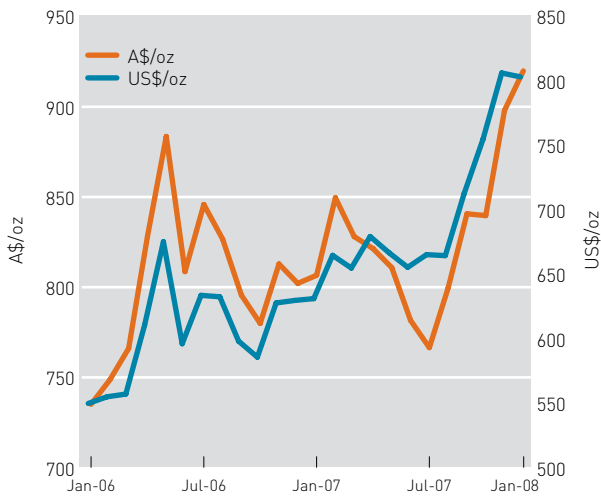


Figure 23 | Gold Price Source: Perth Mint and London Fix

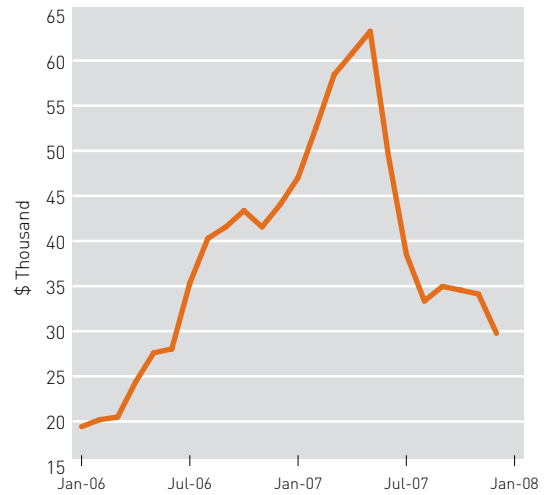


Figure 25 | Nickel Price A\$/tonne
 Source: LME Cash, Monthly Average

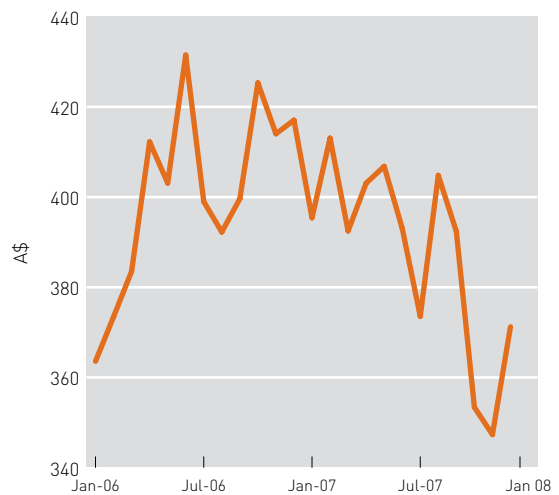


Figure 26 | Alumina Price A\$/tonne Source: ABS

GAS PRICES

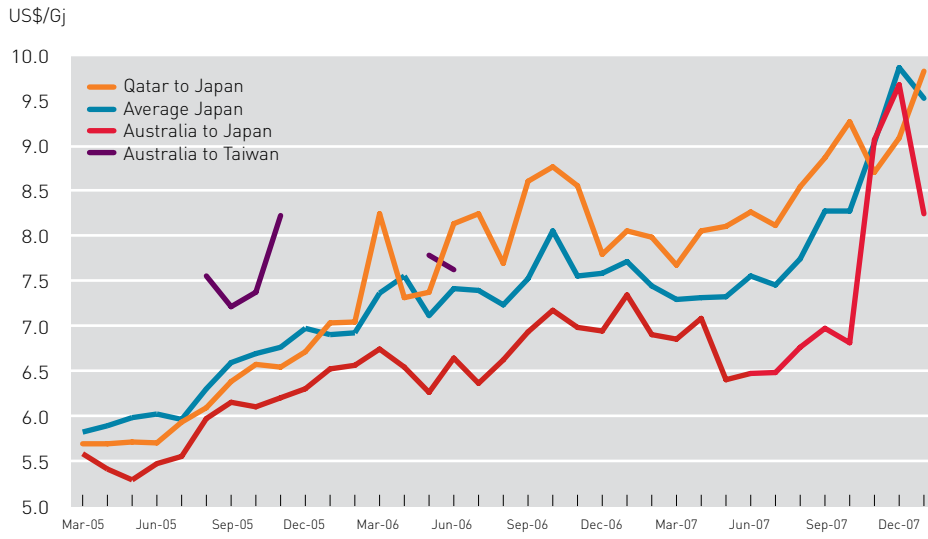


Figure 27 | **LNG Import Prices** Source: Argus Monthly LNG

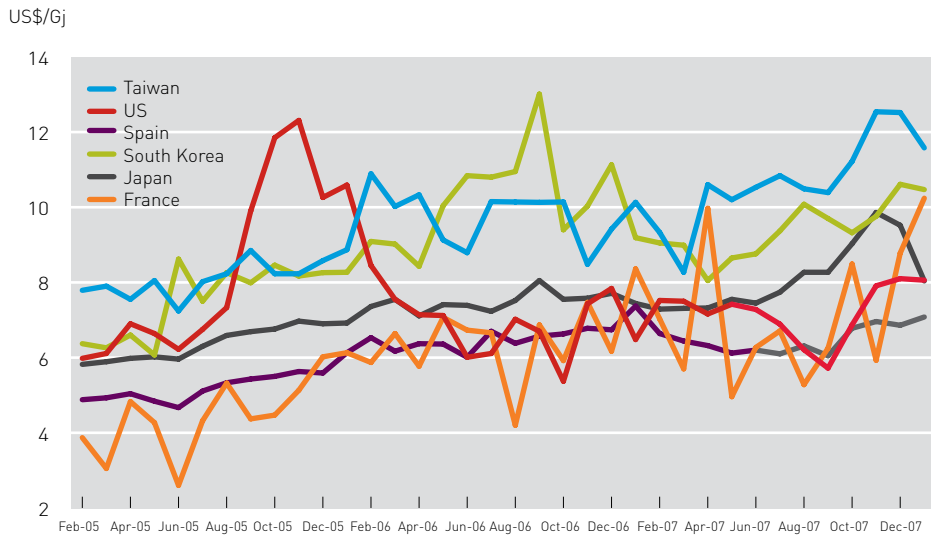


Figure 28 | **Average LNG Import Prices** Source: Argus Monthly LNG

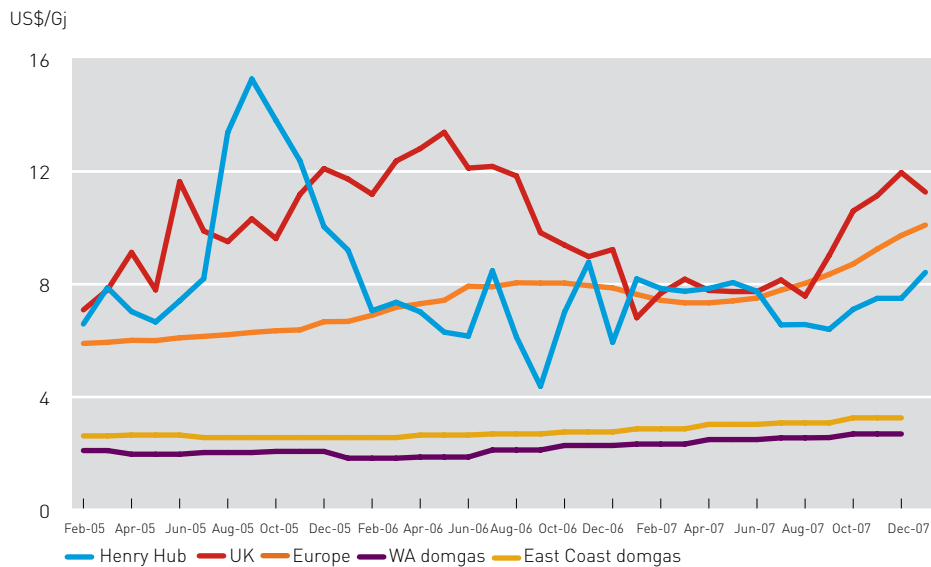
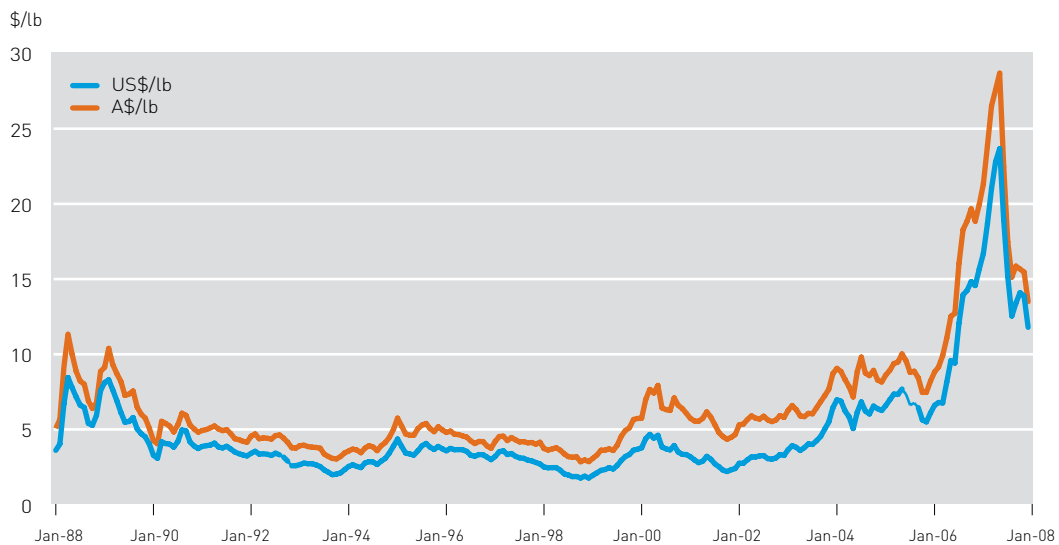
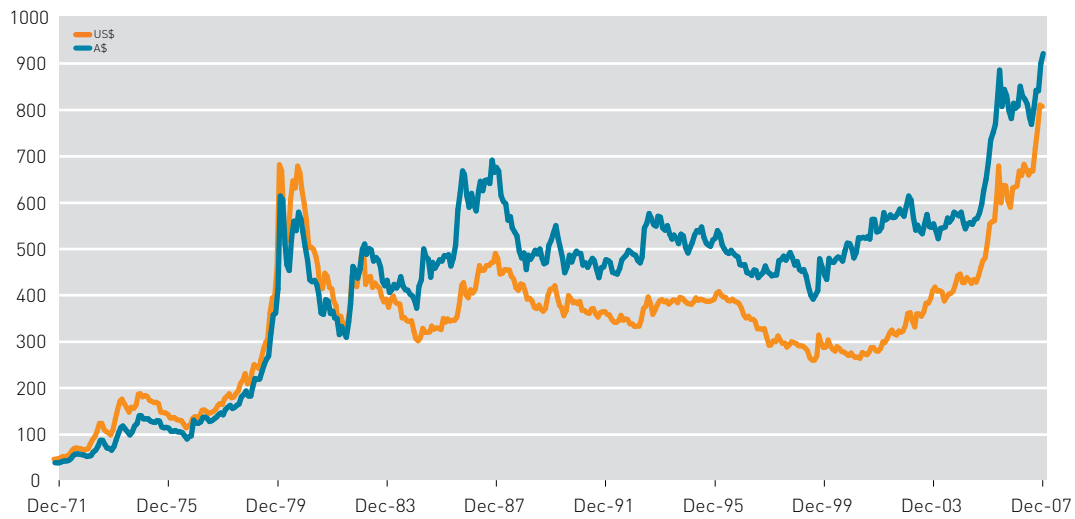
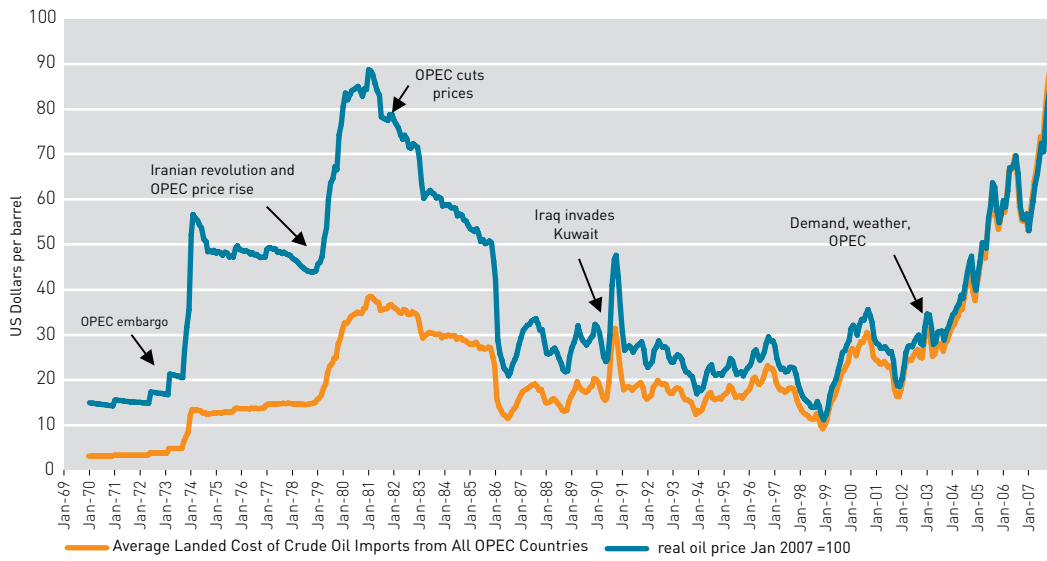


Figure 29 | **Average Natural Gas Prices** Source: Argus Monthly LNG, EnergyQuest, DoIR

HISTORIC PRICES



QUANTITY AND VALUE BY QUARTER

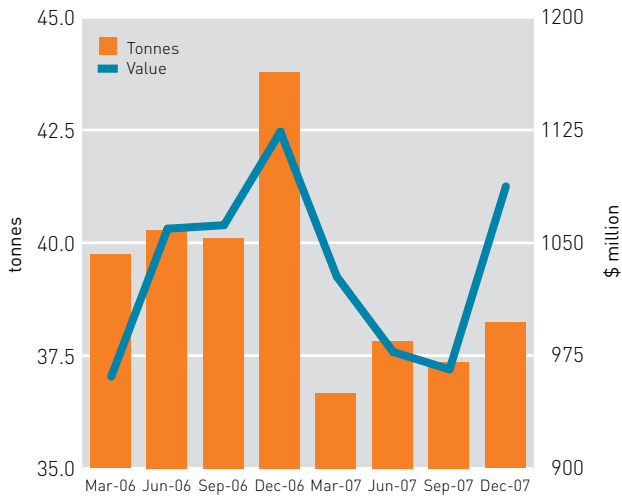


Figure 33 **Gold Quantity and Value by Quarter** Source: DoIR

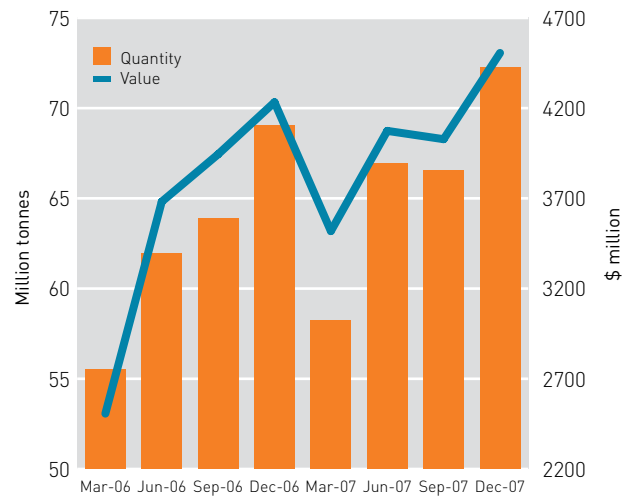


Figure 36 **Iron Ore Quantity and Value by Quarter** Source: DoIR

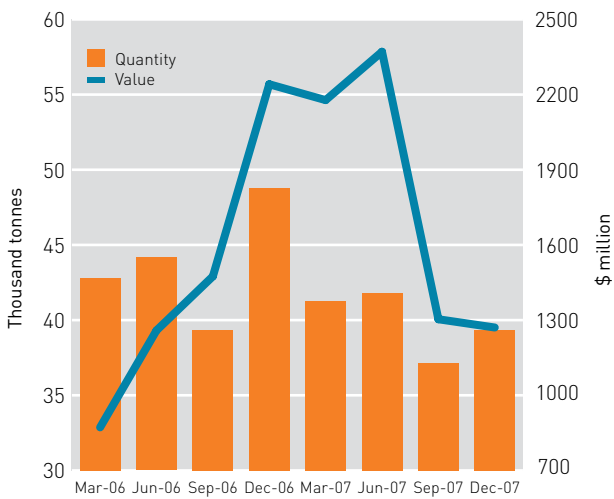


Figure 34 **Nickel Quantity and Value by Quarter** Source: DoIR

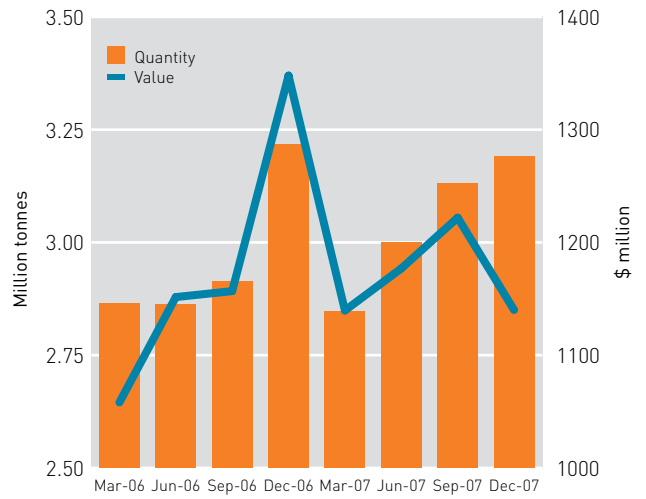


Figure 37 **Alumina Quantity and Value by Quarter** Source: DoIR

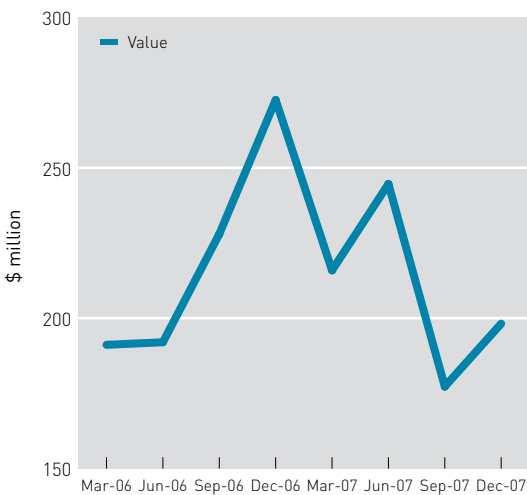


Figure 35 **Heavy Mineral Sands Value by Quarter** Source: DoIR

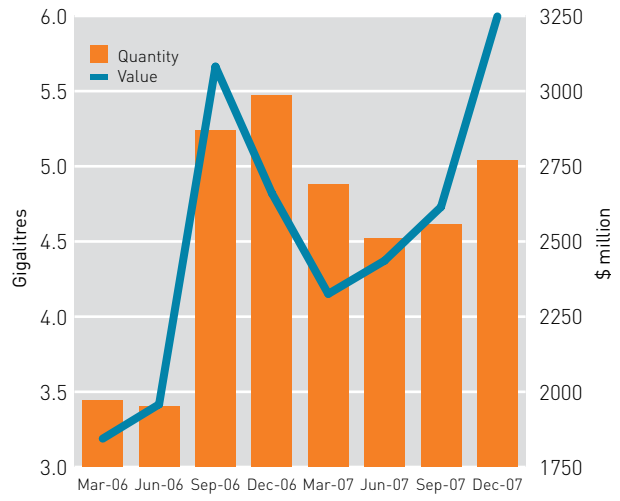


Figure 38 **Crude Oil and Condensate Quantity and Value by Quarter** Source: DoIR

QUANTITY

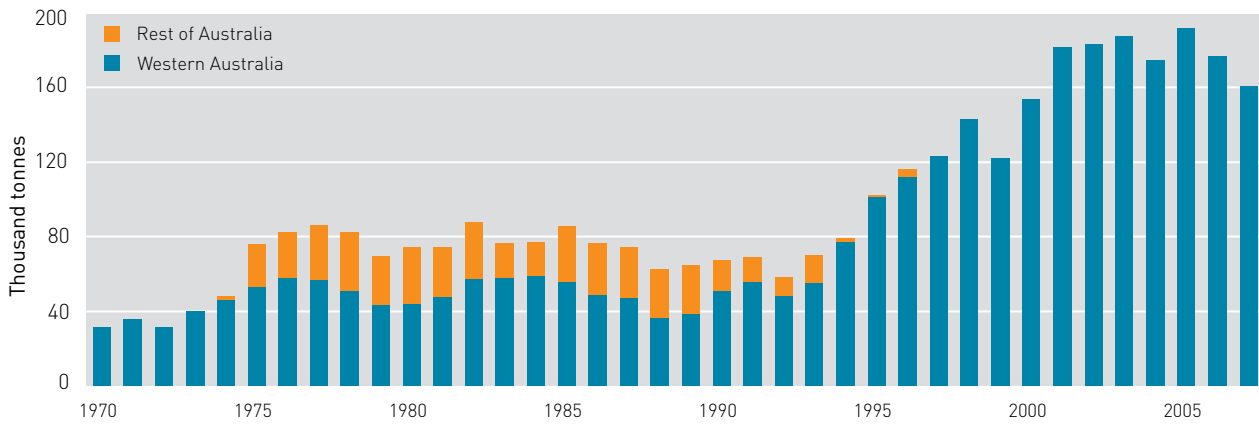


Figure 39 | **Nickel Quantity** Source: DoIR and ABARE

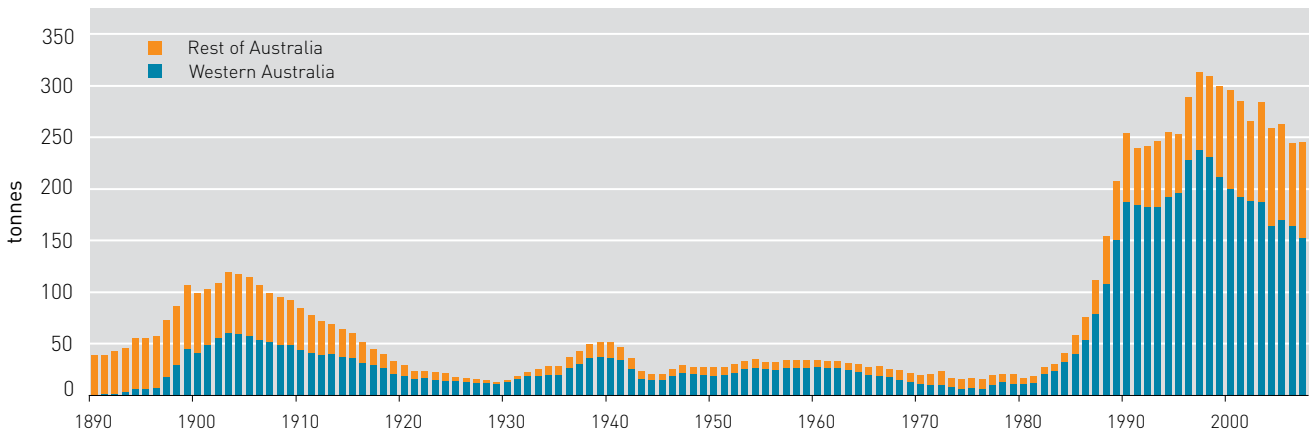


Figure 40 | **Gold Production** Source: DoIR and ABARE

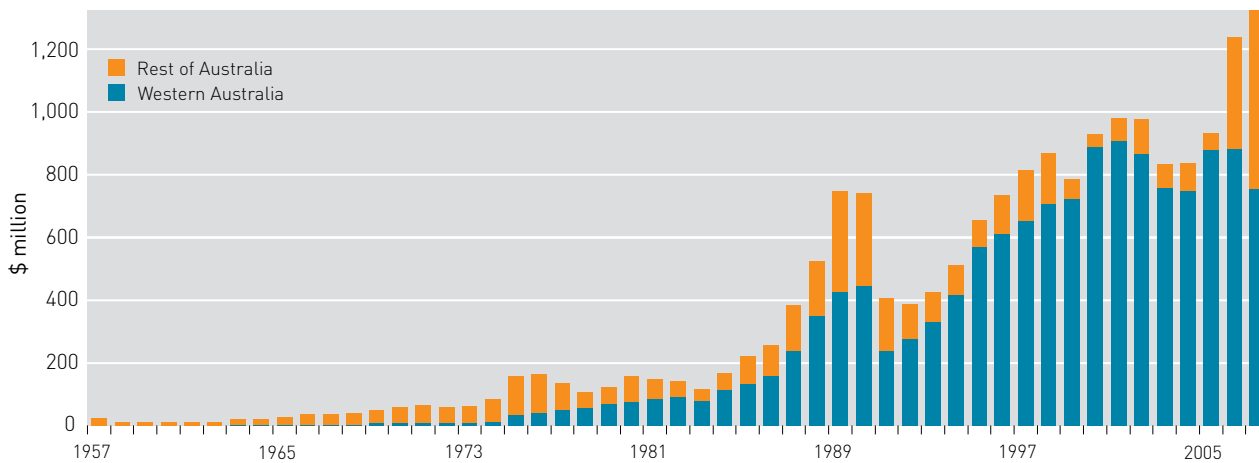


Figure 41 | **Heavy Mineral Sands Value of Production**
Includes Ilmenite, Leucoxene, Upgraded Ilmenite, Rutile, Zircon and Monazite. Source: DoIR and ABARE

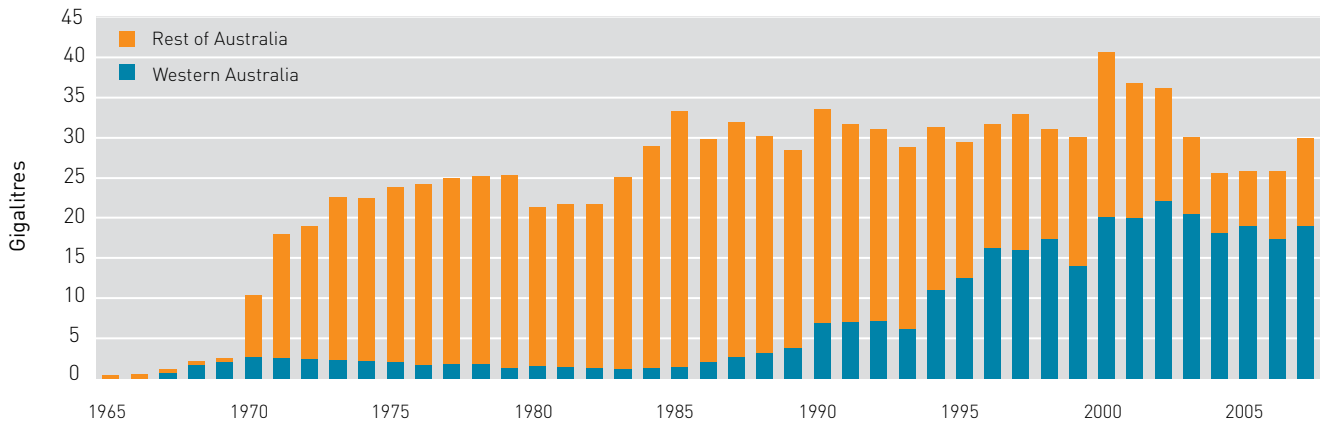


Figure 42 | **Crude Oil and Condensate Quantity** Source: DoIR and ABARE

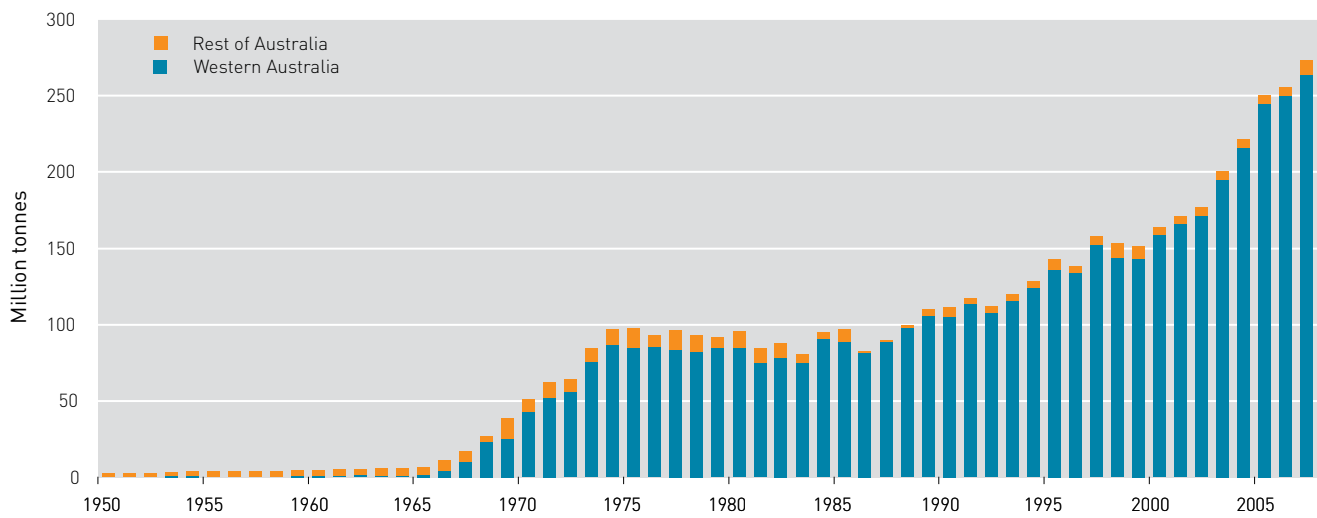


Figure 43 | **Iron Ore Quantity** Source: DoIR and ABARE

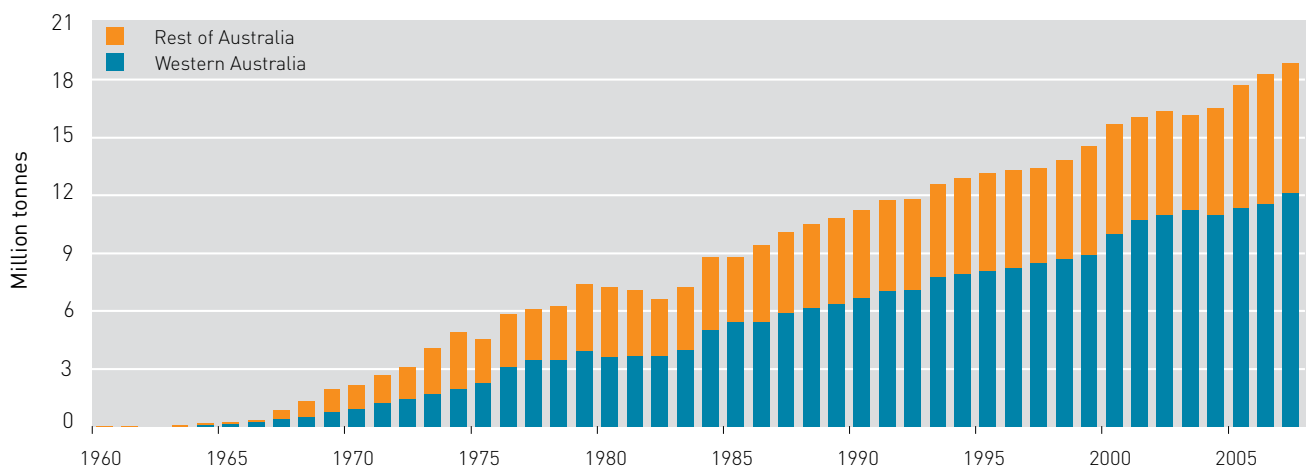


Figure 44 | **Alumina Quantity** Source: DoIR and ABARE

EXPLORATION INVESTMENT

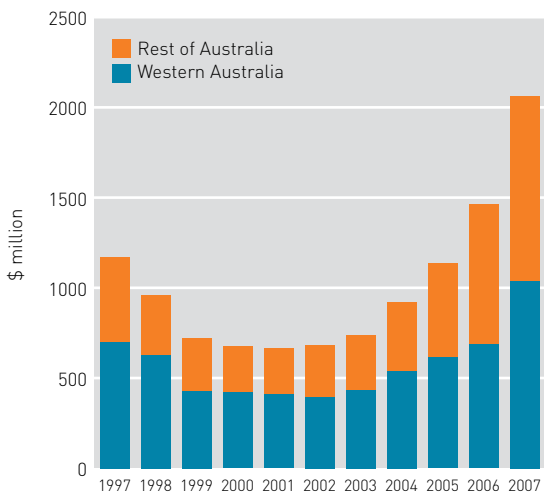


Figure 45 | **Mineral Exploration Expenditure**
Source: ABS

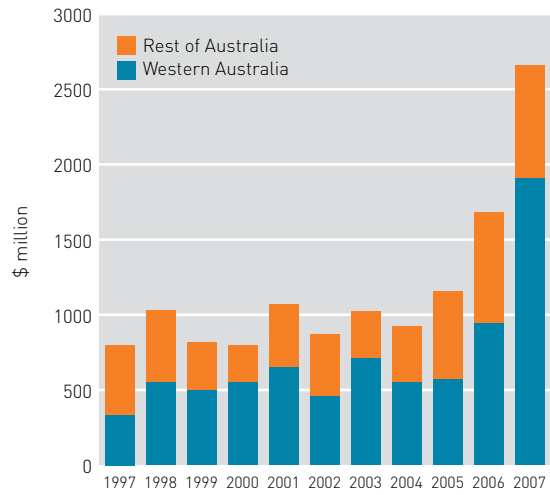


Figure 46 | **Petroleum Exploration Expenditure**
Source: ABS

Tenements in Force 1978 Act

	1999-00		2000-01		2001-02		2002-03		2003-04		2004-05		2005-06		2006-07	
	Number	000 ha	Number	000 ha	Number	000 ha	Number	000 ha	Number	000 ha	Number	000 ha	Number	000 ha	Number	000 ha
Prospecting Licences	5,827	745	5,512	711	4,964	635	4,566	575	4,561	568	4,665	586	5,056	638	5,376	682
Exploration Licences	3,394	20,687	3,162	18,152	2,899	18,556	2,855	21,123	2,917	20,896	3,066	22,215	3,966	30,822	4,766	40,031
Mining Leases	4,865	1,829	4,841	1,803	4,820	1,774	4,770	1,762	4,713	1,716	5,172	1,805	5,118	1,806	5,090	1,824
Other	2,001	468	3,625	2,840	3,618	3,002	3,629	3,299	3,590	3,115	3,258	2,982	3,432	3,037	3,629	3,248
Mineral Claims & Other 1904 Act	194	22	186	21	186	22	186	22	186	22	186	22	186	21	186	21
Total	16,280	23,751	17,326	23,829	16,487	23,988	16,006	26,781	15,967	26,317	16,347	27,610	17,758	36,324	19,047	45,806

Source: DoIR

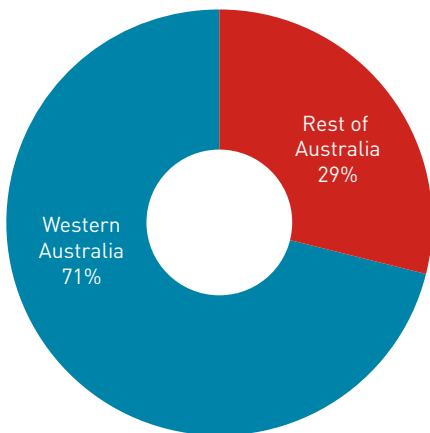


Figure 47 | **Crude Oil and Condensate Production 2007**
Source: ABARE

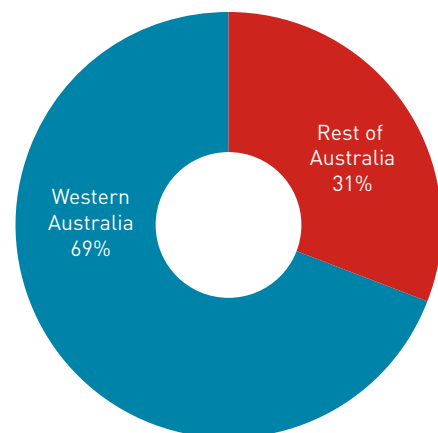


Figure 48 | **Natural Gas Production 2007**
Source: ABARE (Data includes LNG feedstock)

TABLE 1. QUANTITY AND VALUE OF MINERALS AND PETROLEUM

COMMODITY	UNIT	2006		2007	
		QUANTITY	VALUE	QUANTITY	VALUE
ALUMINA	t	11,866,505 [r]	4,767,045,655 [r]	12,167,659	4,704,326,205
BASE METALS					
Copper Metal	t	99,955 [r]	917,776,154 [r]	119,292	1,016,313,333
Lead Metal	t	74,845	130,607,537	42,019	115,567,202
Zinc Metal	t	138,842	607,120,894 [r]	180,570	684,825,660
TOTAL BASE METALS			1,655,504,585 [r]		1,816,706,195
CHROMITE	t	107,103	47,968,673 [r]	99,147	51,354,061
CLAYS			1,843,547		1,766,251
COAL	t	7,245,139	317,902,062 [r]	5,810,091	263,890,543
CONSTRUCTION MATERIALS					
Aggregate	t	1,343,612 [r]	34,323,278 [r]	1,506,584	38,116,509
Gravel	t	134,269 [r]	865,579 [r]	202,051	1,496,270
Rock	t	525,548 [r]	4,940,420 [r]	785,954	12,530,040
Sand	t	3,932,959 [r]	24,019,139 [r]	4,081,019	21,773,425
TOTAL CONSTRUCTION MATERIALS			64,148,416 [r]		73,916,244
DIAMONDS	ct	17,070,388	n/a	23,535,500	n/a
DIMENSION STONE		1,932 [r]	324,543	486	131,249
GEM & SEMI-PRECIOUS STONES	kg	321,678 [r]	267,986 [r]	263,683	206,222
GOLD	kg	163,836 [r]	4,234,609,848 [r]	152,085	4,055,034,692
GYPSUM	t	1,529,571 [r]	27,301,992 [r]	1,319,791	23,074,475
HEAVY MINERAL SANDS					
Garnet	t	278,233 [r]	n/a	294,007	n/a
Ilmenite	t	742,079 [r]	84,444,176 [r]	731,917	78,491,774
Leucoxene	t	53,518 [r]	17,667,803 [r]	60,007	19,893,338
Rutile	t	102,211 [r]	64,390,184 [r]	107,671	65,010,592
Zircon	t	370,183 [r]	358,819,527 [r]	311,716	241,859,077
Other	t		357,359,247 [r]		350,397,703
TOTAL HEAVY MINERAL SANDS			882,680,937 [r]		755,652,484
IRON ORE	t	250,395,318 [r]	14,751,692,967 [r]	263,948,342	16,121,994,114
LIMESAND-LIMESTONE-DOLOMITE			28,682,258 [r]		18,790,249
MANGANESE ORE	t	906,677	195,245,733 [r]	686,502	140,668,674
NICKEL INDUSTRY					
Cobalt	t	5,129 [r]	220,425,176 [r]	4,739	339,290,374
Nickel	t	175,177 [r]	5,844,173,432 [r]	160,457	6,973,609,375
Palladium and Platinum By-Product	kg	959 [r]	12,505,294 [r]	742	10,162,872
TOTAL NICKEL INDUSTRY			6,077,103,902 [r]		7,323,062,621
PETROLEUM					
Condensate	kl	5,609,151 [r]	2,940,186,079 [r]	5,855,654	3,236,755,018
Crude Oil	kl	11,953,792 [r]	6,602,746,654 [r]	13,195,792	7,386,204,740
LNG	t	11,958,780	4,550,762,378	12,375,731	4,448,575,119
LPG - Butane and Propane	t	862,231	613,830,073	893,914	686,636,887
Natural Gas	'000m ³	8,364,468 [r]	816,673,664 [r]	9,174,076	985,391,662
TOTAL PETROLEUM			15,524,198,848 [r]		16,743,563,426
SALT	t	10,715,928	241,643,000	10,011,486	224,352,288
SILICA-SILICA SAND			6,380,147		10,645,581
SILVER	kg	103,549 [r]	49,035,975 [r]	110,481	56,010,750
TIN-TANTALUM-LITHIUM					
Spodumene	t	222,101	n/a	192,277	n/a
Tantalite	t	584	n/a	435	n/a
Tin Metal	t	426	7,854,595	111	3,113,755
TOTAL TIN-TANTALUM-LITHIUM			159,153,126		137,142,939
OTHER (Includes Feldspar, Red Oxide, Spongolite, Diamonds and Talc)	t		460,122,705 [r]		568,165,092
TOTAL VALUE			49,492,856,905 [r]		53,090,454,355

TABLE 2. QUANTITY AND VALUE OF SELECTED MAJOR COMMODITIES

		1998		1999		2000		2001		2002
	Unit	Quantity	Value \$M	Quantity	Value \$M	Quantity	Value \$M	Quantity	Value \$M	Quantity
ALUMINA	Mt	8.75	2,429.70	8.93	2,311.38	10.00	3,187.47	10.75	3,766.55	11.00
BASE METALS										
Copper Metal	kt	28.24	57.13	26.23	46.25	34.04	82.61	50.24	120.71	64.29
Lead Metal	kt	39.52	15.09	55.28	17.23	73.08	25.76	91.38	44.90	70.40
Zinc Metal	kt	149.33	127.85	222.54	219.59	257.72	290.11	210.84	208.72	218.80
TOTAL BASE METALS			200.07		283.07		398.48		374.33	
COAL	Mt	5.61	249.35	6.23	268.02	6.20	257.84	6.20	258.21	6.26
COBALT	kt	1.22	58.77	1.01	37.68	3.59	157.66	4.26	146.27	4.70
DIAMONDS ***	M ct	52.27	642.39	51.64	640.06	42.30	713.68	21.68	499.53	34.37
GOLD	tonnes	231.38	3,477.73	211.76	2,939.98	199.50	3,078.65	192.20	3,236.20	188.86
HEAVY MINERAL SANDS										
Ilmenite	Mt	1.29	150.85	1.24	152.95	1.30	185.47	0.83	137.32	0.85
Rutile	kt	96.93	76.45	113.40	82.26	122.15	100.58	112.93	99.01	125.41
Zircon	kt	277.35	154.37	322.94	139.14	347.93	172.11	353.17	230.00	369.92
Other HMS			26.13		26.13		27.27		24.23	
TOTAL HEAVY MINERAL SANDS			697.59		688.49		862.93		909.22	
IRON ORE	Mt	143.75	4,103.92	143.01	3,517.17	158.87	4,365.19	162.25	5,245.93	171.77
MANGANESE ORE	kt	79.43	8.13	108.16	13.20	259.53	33.61	498.60	76.09	578.39
NICKEL METAL	kt	143.08	1,039.12	121.89	1,084.96	153.51	2,243.28	181.17	2,074.48	183.00
PETROLEUM										
Condensate	Gl	6.41	887.06	5.57	1,013.30	6.20	1,946.37	6.02	1,787.91	6.88
Crude oil	Gl	10.98	1,497.55	8.49	1,559.29	13.74	4,472.42	14.06	4,246.65	15.29
LNG *	Btu 1012	387.96	2,044.37	387.38	1,934.44	385.61	2,986.97	389.57	3,482.87	394.11
LPG - Butane **	kt	384.54	86.31	390.08	116.55	450.57	225.36	475.25	217.54	458.15
LPG - Propane	kt	263.82	55.87	260.44	81.77	364.53	183.36	385.83	185.08	357.41
Natural Gas	Gm ³	6.33	527.96	6.60	569.33	6.93	607.64	7.67	642.08	7.75
TOTAL PETROLEUM			5,099.12		5,274.68		10,422.12		10,562.13	
SALT	Mt	8.48	210.17	9.02	212.74	7.71	197.32	8.58	249.24	9.17
OTHER			206.14		192.81		297.01		379.55	
TOTAL			18,422.20		17,464.24		26,215.24		27,777.73	

* Expressed in million tonnes from 2005 onwards

** LPG Butane and Propane combined from 2005 onwards and expressed in million tonnes

*** Diamonds values are not available from 2006 onwards

2002	2003		2004		2005		2006		2007	
Value \$M	Quantity	Value \$M	Quantity	Value \$M	Quantity	Value \$M	Quantity	Value \$M	Quantity	Value \$M
3,339.25	11.23	3,140.48	10.99	3,178.95	11.35	3,655.84	11.87	4,767.05	12.17	4,704.33
145.49	58.78	145.09	42.68	160.94	83.88	434.71	99.96	917.78	119.29	1,016.31
32.69	56.49	24.32	1.17	0.31	30.27	41.17	74.85	130.61	42.02	115.57
173.06	174.55	139.73	51.78	57.78	63.61	118.91	138.84	607.12	180.57	684.83
351.24		309.15		219.03		594.79		1,655.50		1,816.71
266.40	6.03	266.41	6.31	281.91	6.41	283.26	7.25	317.90	5.81	263.89
118.95	5.17	145.04	4.55	262.18	4.59	166.95	5.13	220.43	4.74	339.29
650.34	35.48	661.86	24.23	414.81	34.31	n/a	17.07	n/a	23.54	n/a
3,460.87	187.50	3,364.96	164.42	2,940.98	169.83	3,146.54	163.84	4,234.61	152.09	4,055.03
131.26	0.86	110.46	0.76	87.94	0.67	74.00	0.74	84.44	0.73	78.49
102.66	123.63	80.28	112.93	69.02	100.45	63.79	102.21	64.39	107.67	65.01
246.74	420.55	242.10	414.07	265.07	416.92	329.80	370.18	358.82	311.72	241.86
21.54		17.60		327.05		412.78		351.17		370.29
855.87		760.75		749.08		880.37		858.82		755.65
5,064.62	194.75	5,061.06	215.85	6,173.16	244.64	11,308.57	250.40	14,751.69	263.95	16,121.99
75.63	587.84	65.18	593.68	106.48	785.01	184.39	906.68	195.25	686.50	140.67
2,242.55	190.21	2,680.24	174.70	3,261.21	191.71	3,784.39	175.18	5,844.17	160.46	6,973.61
1,928.58	6.39	1,765.46	5.94	2,011.14	5.88	2,576.86	5.61	2,940.19	5.86	3,236.76
4,502.72	14.12	4,034.63	12.25	4,211.56	13.18	6,168.82	11.95	6,602.75	13.20	7,386.20
2,791.22	408.27	2,874.61	454.12	3,150.81	11.03	4,320.27	11.96	4,550.76	12.38	4,448.58
197.56	425.20	182.83	398.84	189.28	870.73	544.22	862.23	613.83	893.91	686.64
165.88	319.97	142.72	322.85	151.13						
650.20	8.11	690.45	7.71	655.46	7.41	661.61	8.36	816.67	9.17	985.39
10,236.16		9,690.71		10,369.39		14,397.85		15,524.20		16,743.56
250.53	9.75	197.01	10.40	185.08	11.48	213.78	10.72	241.64	10.01	224.35
389.16		343.08		353.17		835.31		881.60		951.37
27,301.57		26,685.93		28,495.43		39,452.04		49,492.86		53,090.45

TABLE 3. VALUE OF MINERALS AND PETROLEUM BY REGION BY COMMODITY 2007

Region	2007 Value	Region	2007 Value
Pilbara Region		Kimberley Region	
Iron Ore	15,255,969,199	Nickel, Cobalt and Diamonds	915,610,752
Crude Oil and Condensate	10,195,715,702	Iron Ore and Gold	256,810,959
Liquefied Natural Gas	4,448,575,119	Copper, Lead and Zinc	229,168,350
Natural Gas	954,024,827	Other	10,132,369
Copper	818,728,068	Total	1,411,722,430
LPG Butane and Propane	686,636,887	Wheatbelt Region	
Gold	582,266,108	Iron Ore and Gold	573,044,949
Other	393,453,820	Gypsum and Heavy Mineral Sands	180,496,449
Total	33,335,369,730	Nickel, Cobalt and Salt	33,907,710
Goldfields Esperance Region		Other	10,681,276
Nickel	6,273,021,254	Total	798,130,384
Gold	2,603,721,980	South West Region	
Cobalt	302,288,566	Coal	263,890,543
Copper and zinc	53,927,876	Heavy Mineral Sands	228,546,766
Silver	16,489,504	Tin, Tantalum and Spodumene	137,142,939
Construction Materials	9,841,078	Other	201,383
Other	12,141,820	Total	629,781,631
Total	9,271,432,078	Gascoyne Region	
Peel Region		Salt and Gems	55,405,726
Alumina	4,704,326,205	Gypsum and Limesand-Limestone	21,008,980
Mid West Region		Other	314,066
Gold	719,366,549	Total	76,728,772
Nickel, Cobalt and Iron Ore	488,989,606	Perth Metropolitan Region	
Heavy Mineral Sands	348,494,961	Construction Materials, Silica Sand, Limesand-Limestone	27,611,869
Zinc	506,141,530	Great Southern Region	
Crude Oil and Condensate	426,191,994	Gypsum, Silica Sand and Spongolite	5,302,467
Copper	134,640,458		
Lead	73,841,142		
Chromite	51,354,061		
Silver	35,399,629		
Natural Gas	31,366,835		
Other	14,262,024		
Total	2,830,048,789		

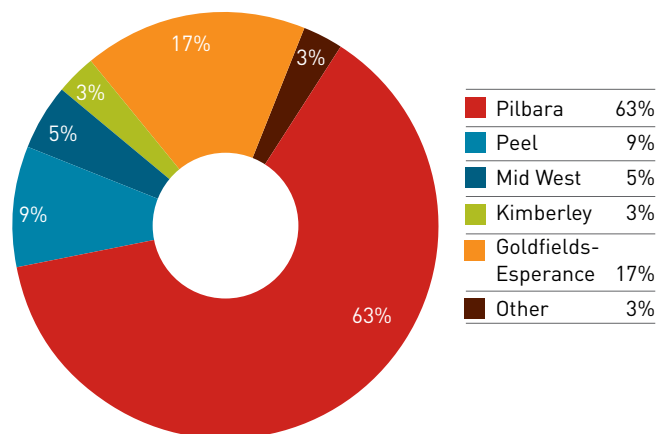


Figure 49 | **Regional Value of Minerals and Petroleum 2007**
Source: DoIR

TABLE 4. VALUE OF MINERALS AND PETROLEUM BY REGION BY LOCAL GOVERNMENT AUTHORITY 2007

Region	2007 Value	Region	2007 Value
Pilbara Region		Kimberley Region	
Roebourne	15,723,506,619	Derby-West Kimberley	520,487,421
East Pilbara	11,113,652,346	Wyndham-East Kimberley	477,417,815
Ashburton	6,393,410,076	Halls Creek	407,442,566
Port Hedland	104,638,155	Broome	6,374,628
Karratha and Marble Bar	162,534	Total	1,411,722,430
Total	33,335,369,730	Wheatbelt Region	
Goldfields Esperance Region		Yilgarn	580,578,620
Coolgardie	2,936,759,206	Dandaragan	179,152,499
Leonora	2,747,991,805	Dalwallinu, Kondinin and Koorda	35,279,905
Kalgoorlie-Boulder	1,841,548,226	Corrigin, Lake Grace and Moora	1,757,052
Laverton	1,370,434,958	Mukinbudin, Northam and Nungarin	828,604
Dundas	327,885,507	Gingin and Wyalkatchem	533,704
Ravensthorpe	34,451,197	Total	798,130,384
Menzies	11,909,930	South West Region	
Esperance	451,249	Bridgetown-Greenbushes and Capel	311,280,987
Total	9,271,432,078	Collie	264,086,240
Peel Region		Bunbury, Dardanup and Manjimup	54,414,404
Waroona	3,339,594,600	Total	629,781,631
Boddington	1,364,731,605	Gascoyne Region	
Total	4,704,326,205	Carnarvon	54,417,643
Mid West Region		Exmouth, Shark Bay and Upper Gascoyne	22,311,129
Yalgoo	736,561,845	Total	76,728,772
Wiluna and Three Springs	661,415,856	Perth Metropolitan Region	
Irwin	456,126,774	Kalamunda, Swan and Wanneroo	17,440,725
Morawa, Mullewa and Mt Magnet	323,661,783	Cockburn, Kwinana and Rockingham	10,171,144
Carnamah	303,069,374	Total	27,611,869
Meekatharra	241,598,765	Great Southern Region	
Northampton, Perenjori and Sandstone	100,284,832	Albany, Denmark, Kent and Plantagenet	5,302,467
Cue	6,625,331		
Coorow	704,229		
Total	2,830,048,789		

TABLE 5. ROYALTY RECEIPTS 2006 AND 2007

	2006	2007	2007 Growth	
COMMODITY	Total A\$	Total A\$	A\$	%
ALUMINA	74,832,357	85,152,337	10,319,980	14
DIAMONDS	27,687,850	33,182,993	5,495,143	20
GOLD	96,783,542	100,583,204	3,799,662	4
HEAVY MINERAL SANDS	30,382,404	29,438,101	-944,303	(3)
IRON ORE	774,772,795	830,412,802	55,640,007	7
NICKEL, (Includes, cobalt, palladium and platinum)	117,656,480	197,972,076	80,315,596	68
PETROLEUM	700,830,789	737,114,522	36,283,733	5
OTHER	91,654,441	154,122,223	62,467,782	68
TOTAL REVENUE	1,914,600,658	2,167,978,258	253,377,600	13

Note: All Royalty Receipts above are only those paid into the State's Consolidated Revenue Fund during the period. It does not include royalty receipts collected on behalf of the Commonwealth.

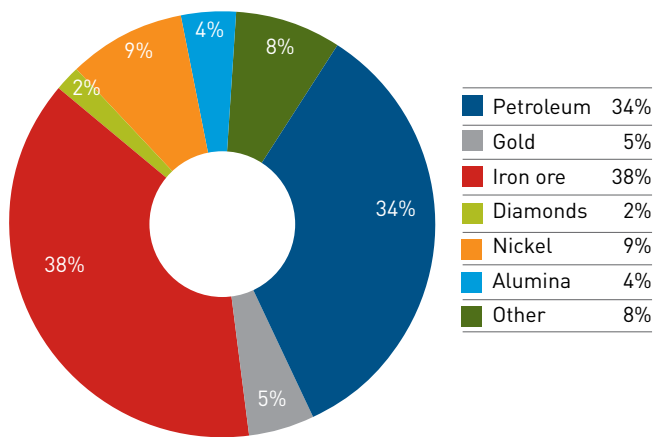


Figure 50 | **Royalty Receipts 2007** Source: DoIR

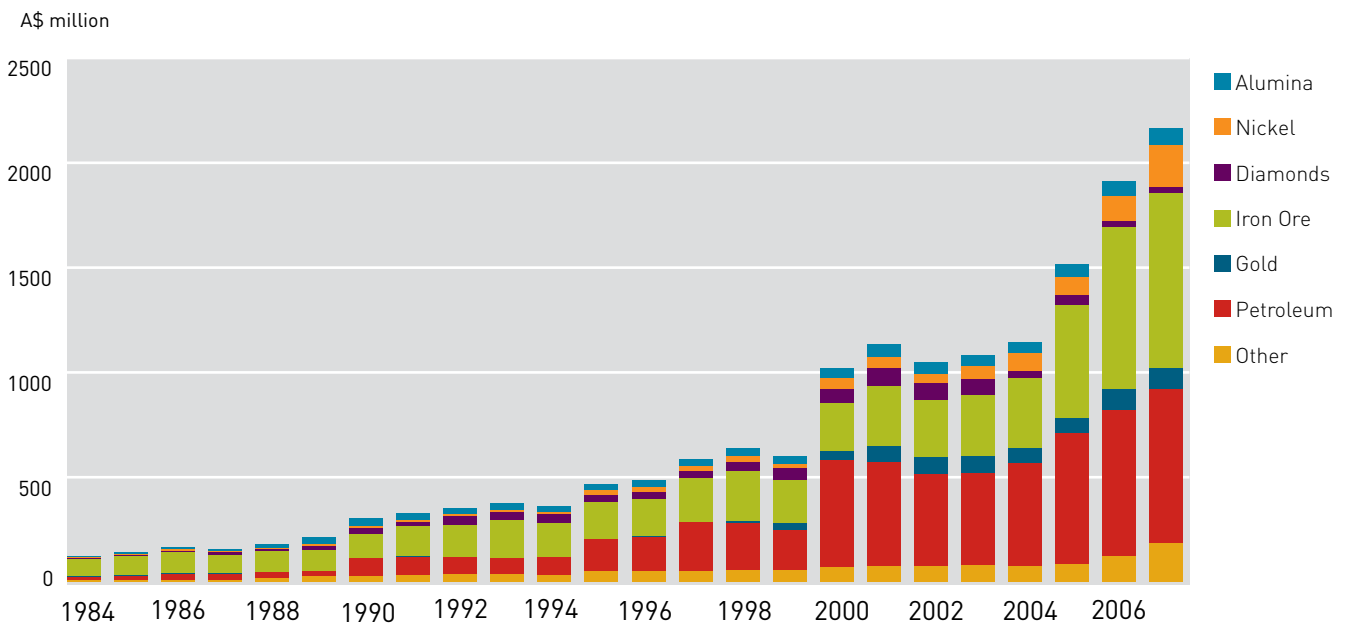


Figure 51 | **Royalty Receipts by Commodity** Source: DoIR

TABLE 6. PRINCIPAL MINERAL AND PETROLEUM PRODUCERS effective 1 April 2008

BASE METALS

COPPER-LEAD-ZINC

Birla Nifty Pty Ltd

Level 3, 256 Adelaide Terrace
Perth WA 6000
(08) 9366 8800
Nifty

www.adityabirla.com/our_companies/international_companies/birla_nifty.htm

BHP Billiton (Nickel West)

191 Great Eastern Highway
Belmont WA 6104
(08) 9479 0500
Kambalda
www.bhpbilliton.com

Fox Resources Ltd

Suite 1 and 2
614 Newcastle Street
Leederville WA 6007
(08) 9318 5600
Whundo

www.foxresources.com.au

Newcrest Mining Ltd

Level 2, 20 Terrace Road
East Perth WA 6004
(08) 9270 7070
Telfer

www.newcrest.com.au

Magellan Metals Pty Ltd

96 Welshpool Road
Welshpool WA 6106
(08) 9267 7000
Magellan

www.iverynia.com

Oxiana Limited

Level 9, 31 Queen Street
Melbourne Vic 3000
(03) 8623 2200
Golden Grove

www.oxiana.com.au

Straits Resources Limited

Level 1, 35 Ventnor Avenue
West Perth WA 6005
(08) 9480 0500
Mons Cupri

www.straits.com.au

Xstrata plc

Post Office Box 1077,
West Perth WA 6862,
(08) 9321 5497,
Lennard Shelf (Pillara),

www.xstrata.com

BAUXITE-ALUMINA

ALUMINA

Alcoa World Alumina Australia

181-205 Davy Street
Booragoon WA 6154
(08) 9316 5111
Del Park, Willowdale, Huntly

www.alcoa.com.au

Worsley Alumina Pty Ltd

PO Box 344
Collie WA 6225
(08) 9734 8311
Boddington
www.wapl.com.au

CHROMITE

CHROMITE ORE

Pilbara Chromite Pty Ltd

28 Ventnor Ave
West Perth WA 6005
(08) 9321 3633
Coobina
www.consminerals.com.au

CLAY

ATTAPULGITE

Hudson Resources Ltd

2 Kemp Street, Narngulu
Geraldton WA 6530
(08) 9923 3604
Lake Nerramyne

www.hudsonresources.com

CLAY SHALE

The Griffin Coal Mining Company Pty Limited

28 The Esplanade
Perth WA 6000
(08) 9261 2800
Collie

www.griffincoal.com.au

FIRE CLAY

Midland Brick Company Pty Ltd

102 Great Northern Highway
Middle Swan WA 6056
(08) 9273 5522
Bullsbrook North

www.midlandbrick.com.au

SAPONITE

Watheroo Minerals Pty Ltd

PO Box 353
Dunsborough WA 6281
(08) 9756 6121
Watheroo Clays

www.bentoniteproductswa.com.au

COAL

The Griffin Coal Mining Company Pty Limited

28 The Esplanade
Perth WA 6000
(08) 9261 2800
Collie

www.griffincoal.com.au

Wesfarmers Premier Coal Ltd

Premier Road
Collie WA 6225
(08) 9780 2222
Collie

www.wesfarmers.com.au

CONSTRUCTION MATERIALS

AGGREGATE

The Readymix Group (WA)

Technology Park
18-20 Brodie Hall Drive
Bentley WA 6102
(08) 9212 2000

Boodarie, Burrup-Dampier
www.readymix.com.au

GRAVEL

Boral Resources (WA) Ltd

63-69 Abernethy Road
Belmont WA 6104
(08) 9333 3400
Grosmont

www.boral.com.au

WA Limestone Co.

41 Spearwood Avenue
Bibra Lake WA 6163
(08) 9434 2299
Pickering Brook

SAND

Boral Resources (WA) Ltd

63-69 Abernethy Road
Belmont WA 6104
(08) 9333 3400
Grosmont

www.boral.com.au

Rocla Quarry Products

130 Fauntleroy Avenue
Redcliffe WA 6104
(08) 9475 2555
Gnangarra

www.rocla.com.au

The Readymix Group (WA)

Technology Park
18-20 Brodie Hall Drive
Bentley WA 6102
(08) 9212 2000

Various sites

www.readymix.com.au

Tuma Holdings Pty Ltd

T/as Action Sand Supplies
42 Noel Road
Gooseberry Hill WA 6076
(08) 9275 1100

Mobile: 0408 923 801

The Lakes, Mundaring

DIAMONDS

Argyle Diamonds Australia

2 Kings Park Road
West Perth WA 6005
(08) 9482 1166

Argyle

www.argylediamonds.com.au

Kimberley Diamond Company

12 Walker Avenue
West Perth WA 6005
(08) 9321 5887

Ellendale

www.kimberleydiamondco.com.au

TABLE 6. PRINCIPAL MINERAL AND PETROLEUM PRODUCERS effective 1 April 2008

DIMENSION STONE

GRANITE

Fraser Range Granite NL

Eyre Highway
Norseman WA 6443
(08) 9039 3442
Fraser Range Granite

FELDSPAR

Unimin Australia Ltd

26-28 Tomlinson Road
Welshpool WA 6106
(08) 9362 1655
Pippingarra, Mukinbudin
www.unimin.com.au

GOLD

Agnew Gold Mining Co Pty Ltd

PMB 10
Leinster WA 6437
(08) 9088 3822
Agnew
www.goldfields.co.za

Anglo Australian Resources NL

Level 1, 44 Ord Street
West Perth WA 6005
(08) 9322 5811
Mandilla
www.anglo.com.au

AngloGold Australia Ltd

Level 13, St Martin's Tower
44 St Georges Terrace
Perth WA 6000
(08) 9425 4600
Sunrise Dam
www.anglogold.com

Barra Resources Limited

Level 3, Mercury House
33 Richardson Street
West Perth WA 6005
(08) 9481 3911
Burbanks
www.barraresources.com.au

Barrick Gold of Australia Limited

Level 10, 2 Mill Street
Perth WA 6000
(08) 9212 5777
Darlot, Lawlers, Plutonic, Granny Smith,
Kanowna Belle, East Kundana, Paddington
www.barrick.com

Crescent Gold Limited

Level 5, 89 St Georges Terrace
Perth WA 6805
(08) 9322 5833
Laverton-Barnicoat,
www.crescentgold.com

Dioro Exploration NL

Level 2, 45 Stirling Highway
Nedlands WA 6009
(08) 9389 8799
South Kal
www.dioro.com.au

Equigold NL

1st Floor, 7 Sleat Road
Applecross WA 6153
(08) 9316 3661
Kirkalocka
www.equigold.com.au

Intrepid Mines Limited

Level 2, Colin Street
West Perth WA 6005
(08) 9346 0000
Paulsens
www.intrepidmines.com

Kalgoorlie Consolidated Gold Mines Pty Ltd

Private Bag 27
Kalgoorlie WA 6433
(08) 9022 1100
Golden Mile Fimiston Super Pit
www.superpit.com.au

Monarch Gold Mining Company Limited

Level 1, 23 Ventnor Avenue
West Perth WA 6005
(08) 9481 6422
Davyhurst
www.mrl.net.au

Newcrest Mining Ltd

Level 2, 20 Terrace Road
East Perth WA 6004
(08) 9270 7070
Telfer
www.newcrest.com.au

Newmont Australia

PO Box 1652
Subiaco WA 6904
(08) 9983 7000 (site)
Jundee-Nimary
www.newmont.com

Norseman Gold Plc

Phoenix Road
Norseman WA 6443
(08) 9039 9800
Norseman
www.norsemangoldplc.com

Ramelius Resources Limited

GPO Box 1373
Adelaide SA 5001
(08) 8373 6473
Wattle Dam
www.rameliusresources.com.au

St Barbara Mines Ltd

1205 Hay Street
West Perth WA 6005
(08) 9476 5555
Marvel Loch-Southern Cross
www.stbarbara.com.au

St Ives Gold Mining Co Pty Ltd

POB 359
Kambalda WA 6442
(08) 9088 1111
Kambalda-St Ives
www.goldfields.co.za

Tanami Gold NL

Level 4, 50 Colin Street
West Perth WA 6005
(08) 9212 5999
Coyote
www.tanami.com.au

Troy Resources NL

44 Ord Street
West Perth WA 6005
(08) 9481 1277
Sandstone
www.try.com.au

View Resources Limited

Level 12, London House
216 St Georges Terrace
Perth WA 6000
(08) 9226 4611
Bronzewing
www.viewresources.com.au

GYPSUM

Cockburn Cement Ltd

Lot 242 Russell Road East
East Munster WA 6166
(08) 9411 1000
Lake Hillman

CSR Limited

21 Sheffield Road
Welshpool WA 6106
(08) 9365 1666
Jurien Bay North

Dampier Salt Pty Ltd

37 Belmont Avenue
Belmont WA 6104
(08) 9270 9270
Lake MacLeod
www.dampiersalt.com.au

Gypsum Industries

PO Box 952
Canning Bridge WA 6153
(08) 9364 4951
Lake Cowcowing
www.aglime.com.au

Lake Hillman Mining Pty Ltd

PO Box 1
Kalannie WA 6468
(08) 9666 2045
Lake Hillman

HEAVY MINERAL SANDS

GARNET SAND

GMA Garnet Pty Ltd

PO Box 188
Geraldton WA 6531
(08) 9923 3644
Port Gregory
www.garnetsales.com

ILMENITE, LEUCOXENE, RUTILE AND ZIRCON

Cable Sands (WA) Pty Ltd

PO Box 133
Bunbury WA 6231
(08) 9721 0200
Jangardup, Sandalwood,
Ludlow, Tutunup
www.cablesands.com.au

Doral Mineral Sands

Lot 7 Harris Road
Picton WA 6229
(08) 9725 4899
Dardanup
www.doral.com.au

Iluka Resources Ltd

Level 23, 140 St Georges Terrace
Perth WA 6000
(08) 9360 4700
Capel, Eneabba, Yoganup
www.iluka.com

TiWest Pty Ltd

1 Brodie Hall Drive
Bentley WA 6102
(08) 9365 1333
Cooljarloo
www.tiwest.com.au

IRON ORE

BHP Billiton Iron Ore (Goldsworthy) Ltd

225 St Georges Terrace
Perth WA 6000
(08) 9320 4444
Mining Area C, Nimingarra–Yarrie
www.bhpbilliton.com

BHP Billiton Iron Ore Ltd

225 St Georges Terrace
Perth WA 6000
(08) 9320 4444
Jimblebar, Newman, Yandicoogina
www.bhpbilliton.com

Channar Mining Pty Ltd

152 St Georges Terrace
Perth WA 6000
(08) 9327 2327
Channar

Hamersley Iron Pty Ltd

152 St Georges Terrace
Perth WA 6000
(08) 9327 2327
Brockman, Marandoo, Paraburdoo,
Tom Price, Yandicoogina
www.hamersleyiron.com

Midwest Corporation Limited

Suite 2, 32 Kings Park Road
West Perth WA 6005
(08) 9226 2033
Koolanooka
www.midwest.com.au

Mt Gibson Iron Limited

1st Floor, 7 Havelock Street
West Perth WA 6005
(08) 9426 7500
Tallering Peak, Koolan Island
www.mtgibsoniron.com.au

Murchison Metals Ltd

Level 2, 18 Richardson Street
West Perth WA 6005
(08) 9483 0500
Jack Hills
www.mml.net.au

Portman Iron Ore Ltd

Level 11, 1 William Street
Perth WA 6000
(08) 9426 3333
Cockatoo Island, Koolyanobbing
www.portman.com.au

Robe River Iron Associates

Level 27 Central Park
152-158 St Georges Terrace
Perth WA 6000
(08) 9327 2800
Pannawonica, West Angelas
www.roberiver.com.au

LIMESAND-LIMESTONE

Cockburn Cement Ltd

Lot 242 Russell Road East
East Munster WA 6163
(08) 9411 1000
Cockburn, Dongara, Wanneroo
www.cockburncement.com.au

Limestone Resources Australia Pty Ltd

Unit 1, 7 Guthrie Street
Osborne Park WA 6017
(08) 9445 3433
Wanneroo, Moore River, Carabooda
www.limestone-resources.com.au

Loongana Lime Pty Ltd

PO Box 808
Kalgoorlie WA 6430
(08) 9021 8055
Loongana

WA Limestone Co.

41 Spearwood Avenue
Bibra Lake WA 6163
(08) 9434 2299
Postans

Gypsum Industries of Australia

PO Box 952
Canning Bridge WA 6153
(08) 9364 4951
Dongara–Denison, Cervantes,
Lancelin, Jurien

MANGANESE

Pilbara Manganese Pty Ltd

28 Ventnor Avenue
West Perth WA 6005
(08) 9321 3633
Woodie Woodie
www.consminerals.com.au

NICKEL

Australian Mines Limited

Level 1, 681 Murray Street
West Perth WA 6005
(08) 9481 5811
Blair
www.australianmines.com.au

BHP Billiton (Nickel West)

191 Great Eastern Highway
Belmont WA 6104
(08) 9479 0500
Kambalda, Leinster, Mt Keith,
Ravensthorpe–Bandalup
www.bhpbilliton.com

Consolidated Minerals Limited

28 Ventnor Avenue
West Perth WA 6005
(08) 9321 3633
Beta Hunt, Widgiemooltha North
www.consminerals.com.au

Fox Resources Ltd

Suite 1 and 2, 614 Newcastle Street
Leederville WA 6007
(08) 9318 5600
Radio Hill
www.foxresources.com.au

Glenmurrin Pty Ltd

30 The Esplanade
Perth WA 6000
(08) 9226 1099
Murrin Murrin
www.glencore.com

Independence Group NL

Level 3, PDM House
72 Melville Parade
South Perth WA 6151
(08) 9367 3288
Long Nickel
www.igo.com.au

LionOre (Australia) Pty Ltd

Level 3, 88 Colin Street
West Perth WA 6005
(08) 9426 0100
Black Swan, Emily Ann, Maggie Hays,
Wildara
www.nornik.ru/en

Mincor Resources NL

Level 1, 56 Ord Street
West Perth WA 6005
(08) 9321 7125
Miitel, Wannaway, Redross, Mariners
www.mincor.com.au

Minara Resources Ltd

Level 4, 30 The Esplanade
Perth WA 6000
(08) 9212 8400
Murrin Murrin
www.minara.com.au

OMG Cawse Pty Ltd

Cawse Nickel Operations
Locked Bag 32
Kalgoorlie WA 6433
(08) 9024 8800
Cawse
www.nornik.ru/en

Sally Malay Mining Ltd

Level 9, 553 Hay St
Perth WA 6000
(08) 9225 0999
Sally Malay, Lanfranchi Tramways
www.sallymalay.com

Sir Samuel Mines NL

3rd Floor, 24 Outram Street
West Perth WA 6005
(08) 9213 1588
Cosmos
www.jubileemines.com.au

TABLE 6. PRINCIPAL MINERAL AND PETROLEUM PRODUCERS effective 1 April 2008**Western Areas NL**

Level 1, 11 Ventnor Avenue
West Perth WA 6005
(08) 9486 7855
Flying Fox, Forrestania
www.westernareas.com.au

PALLADIUM**BHP Billiton (Nickel West)**

191 Great Eastern Highway
Belmont WA 6104
(08) 9479 0500
Kambalda
www.bhpbilliton.com

PETROLEUM**Apache Energy Ltd**

Level 3, 256 St Georges Terrace
Perth WA 6000
(08) 9422 7222
Albert, Artreus, Bambra, Doric, Double Island, Gipsy, Gudrun, Harriet, John Brookes, Lee, Linda, Little Sandy, Mohave, North Alkimos, Pedirka, Rose, Simpson, South Plato, Stag, Tanami, Victoria, West Cycad, Wonnich, Zephyrus,
www.apachecorp.com

ARC Energy Ltd

Level 4, 679 Murray Street
West Perth WA 6005
(08) 9486 7333
Apium, Blina, Dongara, Evandra, Hovea-Eremita, Mt Horner, Woodada, Xyris
www.arcenergy.com.au

BHP Billiton Petroleum (North West Shelf) Pty Ltd

Level 42, Central Park
152-158 St Georges Terrace
Perth WA 6000
(08) 9278 4888
Chinook-Scindian, Griffin, Eskdale, Stybarrow
www.bhpbilliton.com

ChevronTexaco Australia Pty Ltd

Level 24, QV1 Building
250 St Georges Terrace
Perth WA 6000
(08) 9216 4000
Barrow Island, Cowle, Crest, Roller-Skate, Saladin, Yammaderry
www.chevron.com

ENI Australia Limited

Level 3, 40 Kings Park Road
West Perth WA 6005
(08) 9320 1111
Woollybutt

Origin Energy Resources Ltd

34 Collins Street
West Perth WA 6005
(09) 9324 6111
Beharra Springs, Jingemina, Tarantula
www.originenergy.com.au

Roc Oil (WA) Limited

Level 2, 201 Adelaide Terrace
East Perth WA 6004
(08) 9219 7111
Cliff Head
www.rocoil.com.au

Santos Limited

Level 29 Santos House
91 King William Street
Adelaide SA 5000
(08) 8218 5111
Mutineer-Exeter
www.santos.com.au

Vermillion Energy

Level 7 BNZ House
30 The Esplanade
Perth WA 6000
(08) 480 0300
Wandoo
www.vermillionenergy.com.au

Woodside Energy Ltd

240 St Georges Terrace
Perth WA 6000
(08) 9348 4000
Athena, Cossack, Echo-Yodel, Enfield, Goodwyn, Hermes, Lambert, Laminaria, Legendre, North Rankin, Perseus, Searipple, Wanaea,
www.woodside.com.au

PLATINUM**BHP Billiton (Nickel West)**

191 Great Eastern Highway
Belmont WA 6104
(08) 9479 0500
Kambalda
www.bhpbilliton.com

SALT**Dampier Salt Pty Ltd**

37 Belmont Avenue
Belmont WA 6104
(08) 9270 9270
Dampier, Lake MacLeod, Port Hedland
www.dampiersalt.com.au

Onslow Salt Pty Ltd

PO Box 23
Onslow WA 6710
(08) 9184 9000
Onslow Salt
www.onslowsalt.com

Shark Bay Salt Joint Venture

Level 16, 2 The Esplanade
Perth WA 6000
(08) 9265 8000
Useless Loop

WA Salt Supply Ltd

Cockburn Road
Hamilton Hill WA 6163
(08) 9430 5495
Lake Deborah East, Pink Lake
www.wasalt.com.au

SILICA-SILICA SAND**SILICA****Simcoa Operations Pty Ltd**

PO Box 1389
Bunbury WA 6231
(08) 9780 6666
Dalaroo
www.simcoa.com.au

SILICA SAND**Austsand Pty Ltd**

PO Box 1373
Albany WA 6330
(08) 9846 1288
Mindijup

Kemerton Silica Sand Pty Ltd

PO Box A283
Australind WA 6233
(08) 9720 0022
www.ksspl.com.au

Rocla Quarry Products

180 Fauntleroy Avenue
Kewdale WA 6105
(08) 9475 2555
Gnangarra
www.rocla.com.au

SPONGOLITE**Australian Diatomaceous Earth Pty Ltd**

GPO Box 4188
Sydney NSW 2001
Woogenellup
www.supersorb.com.au

TALC**Luzenac Australia Pty Ltd**

Level 22 Central Park
152-158 St Georges Terrace
Perth WA 6000
(08) 9327 2277
Three Springs
www.luzenac.com

Unimin Australia Ltd

26 Tomlinson Road
Welshpool WA 6106
(08) 9362 1655
Mt Seabrook
www.unimin.com.au

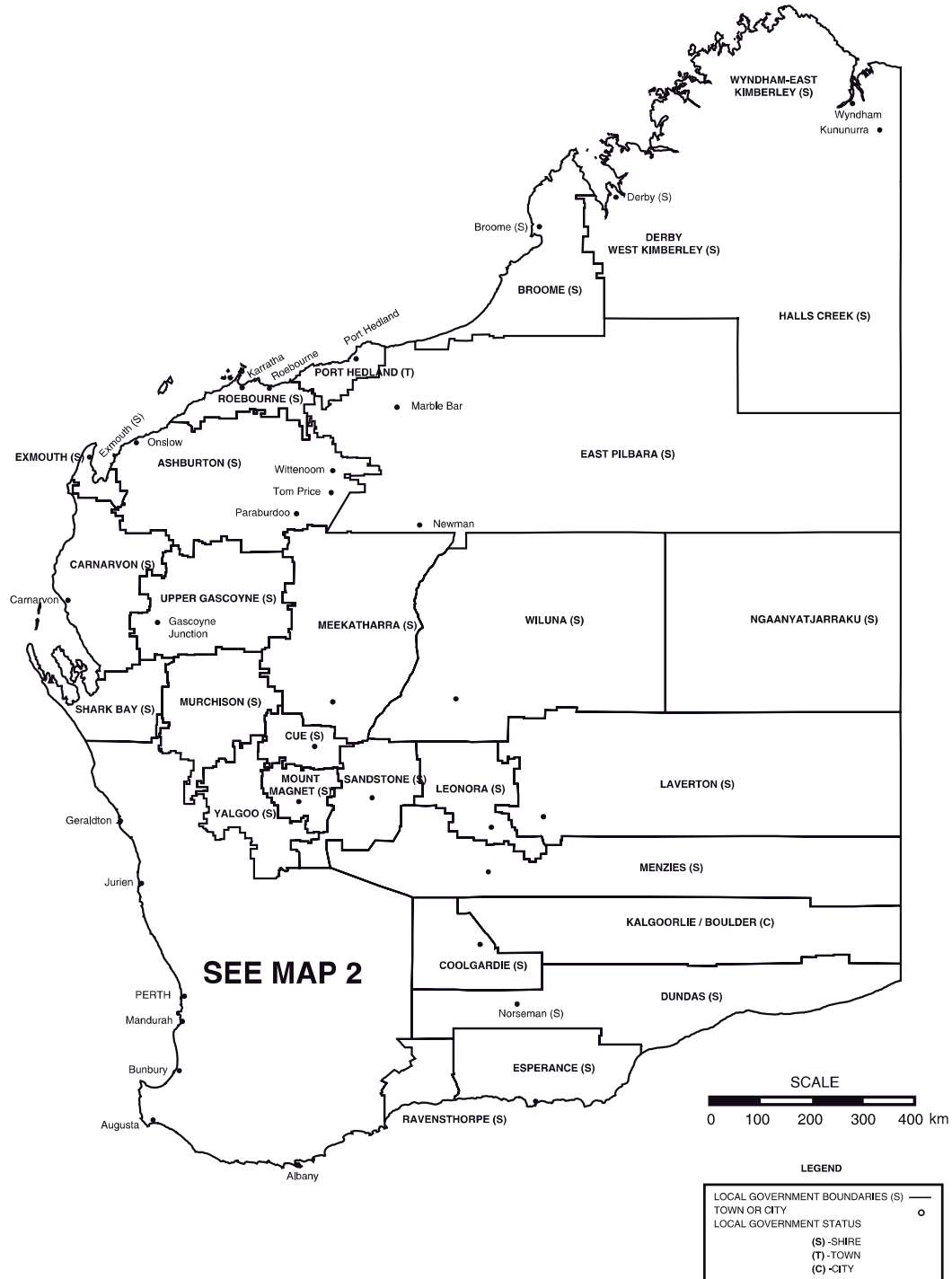
TIN-TANTALUM-LITHIUM**SPODUMENE****Talison Minerals,**

Level 4, 37 St Georges Terrace
Perth WA 6000
(08) 9263 5555
Greenbushes, Wodgina,
www.talison.com.au

TANTALITE-TIN**Talison Minerals,**

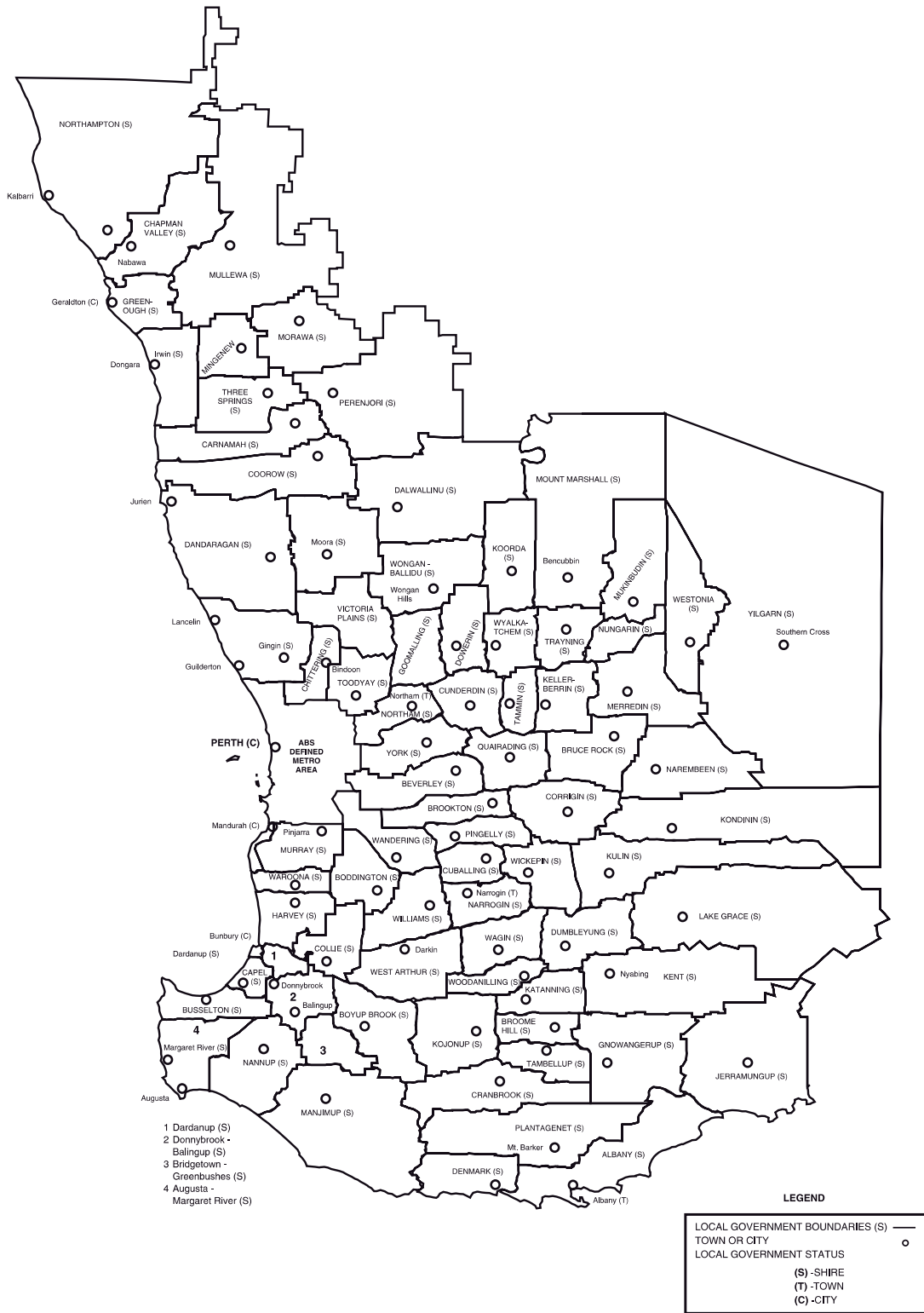
Level 4, 37 St Georges Terrace
Perth WA 6000
(08) 9263 5555
Greenbushes, Wodgina,
www.talison.com.au

MAP 1. LOCAL GOVERNMENT BOUNDARIES



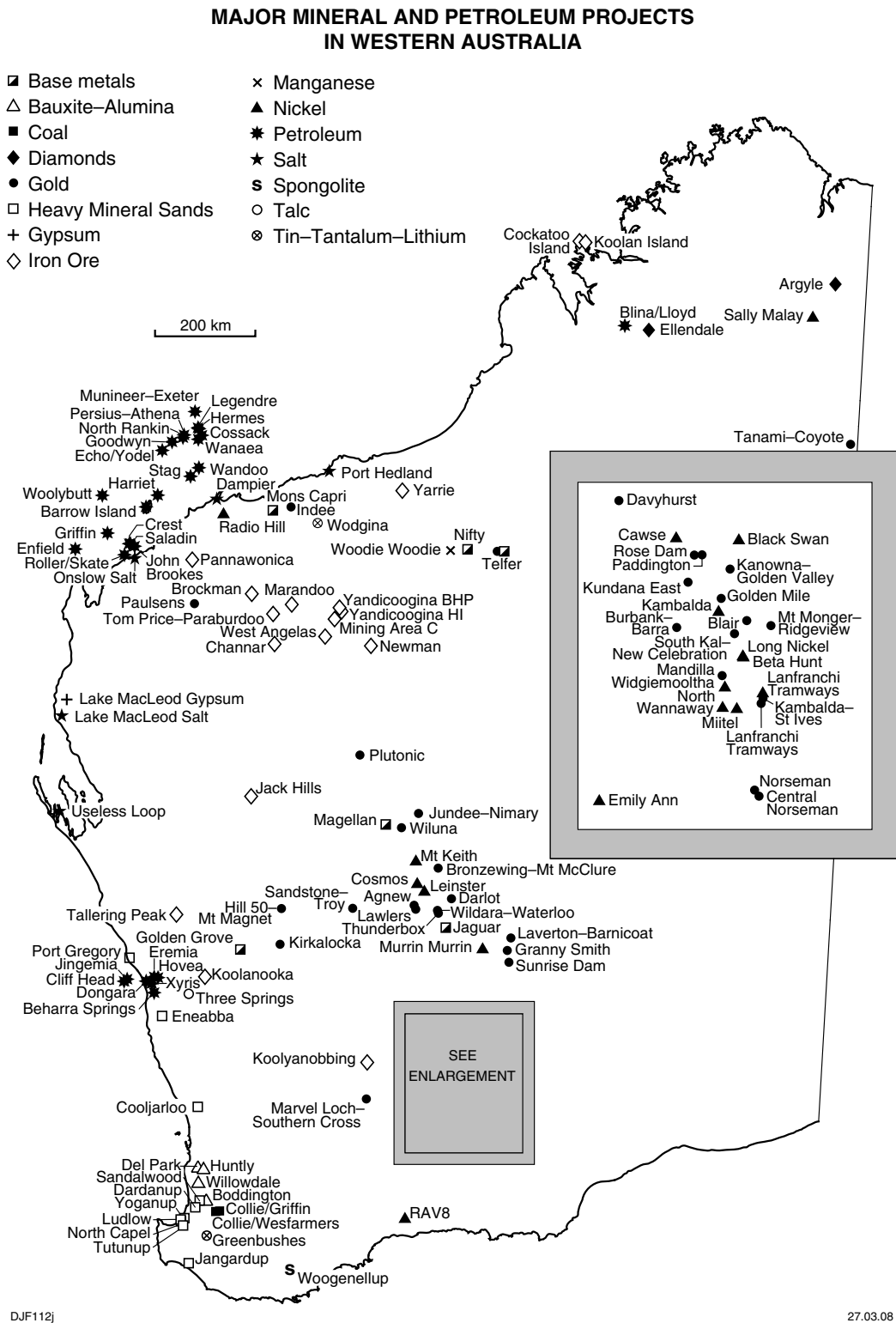
Map 1 Local Government Boundaries

MAP 2. LOCAL GOVERNMENT BOUNDARIES



Map 2 Local Government Boundaries

MAP 3. MAJOR MINERAL AND PETROLEUM PROJECTS IN WA



Map 3 Major Mineral and Petroleum Projects in Western Australia

This publication is available on our website

www.doir.wa.gov.au

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East Perth WA 6004

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