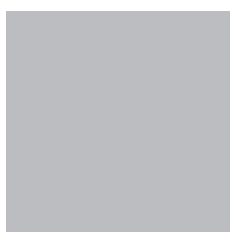




South Australian mineral resource production statistics for the six month ended 30 June 2016



Michelle Lavingdale



Report Book
2016/00033



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of South Australia

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PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED JUNE 2016
COMPARISON WITH PREVIOUS PERIOD



Government of South Australia
 Department of State Development

Category: Metallic Minerals

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)
Commodity	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Contained Copper	73,783	443,906,173	58,535	317,550,014	132,318	761,456,188
Contained Gold (grams)	1,829,580	91,444,891	1,860,568	104,715,997	3,690,148	196,160,888
Contained Lead	0	0	0	0	0	0
Contained Silver (Kg)	14,485	7,475,872	11,507	8,459,489	25,992	15,935,361
Contained Zinc	0	0	0	0	0	0
Copper	102,487	732,517,626	91,447	597,256,206	193,934	1,329,773,832
Gold (grams)	2,969,195	152,088,169	2,097,734	114,108,694	5,066,929	266,196,862
Iron Ore - Hematite DSO	4,016,491	233,998,042	4,264,832	267,477,090	8,281,323	501,475,133
Iron Ore - Hematite Feed	211,057	16,430,787	175,443	14,254,744	386,500	30,685,531
Iron Ore - Magnetite DSO	229,718	12,439,489	393,953	25,737,017	623,671	38,176,507
Iron Ore - Magnetite Feed	637,372	76,701,346	625,480	61,609,780	1,262,852	138,311,126
Silver (Kg)	13,951	9,216,446	11,861	8,180,813	25,812	17,397,259
TOTAL		\$1,776,218,843		\$1,519,349,844	19,689,478	\$3,295,568,687

* Iron Ore figures include production and value of iron ore, pellets and fines.

Category: Energy

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)
Commodity	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Coal	834,683	29,198,320	637,409	22,248,681	1,472,092	51,447,001
Uranium Oxide	2,132	243,830,852	3,235	313,049,929	5,367	556,880,781
TOTAL		\$273,029,172		\$335,298,610	1,477,459	\$608,327,782

Category: Petroleum Production

Category:		Petroleum Production		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity	Value (\$)	Quantity	Value (\$)	Quantity	Value (\$)	Quantity	Value (\$)
Caroline 1 CO2 well (t)		2,987	806,571	2,862	816,323	5,849		1,622,894	
Condensate (kL)		92,091	39,125,285	119,173	41,311,739	211,264		80,437,024	

PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED JUNE 2016
COMPARISON WITH PREVIOUS PERIOD



Government of South Australia
 Department of State Development

Category: Petroleum Production

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity	Value (\$)	Quantity	Value (\$)	Quantity	Value (\$)
Crude oil (kL)		745,463	317,540,990	736,595	247,348,341	1,482,058	564,889,331
LPG		80,955	48,593,587	61,810	31,726,995	142,765	80,320,582
Natural Gas (Gm3)		1	159,191,485	1	176,494,525	2	335,686,010
TOTAL		921,497	\$565,257,918	920,441	\$497,697,923	1,841,938	\$1,062,955,841

Category: Gem & Semi-precious Stones

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Banded Calcite (Kg)			1,200		0	1,000	1,200
TOTAL			\$1,200		\$0	1,000	\$1,200

Category: Opal Production

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity		Estimated Value (\$)		Estimated Value (\$)		Estimated Value (\$)	
Opal		0	7,442,000	0	7,630,000	0	15,072,000
TOTAL		0	\$7,442,000	0	\$7,630,000	0	\$15,072,000

Category: Industrial Minerals

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Barite		2,117	402,429	3,320	626,646	5,438	1,029,075
Cement Shale		76,254	457,526	73,503	441,020	149,758	898,546
Diatomite		2	7,924	1	7,664	3	15,587
Dolomite		39,574	1,392,919	56,918	2,071,228	96,491	3,464,146
Feldspar		0	0	0	0	0	0

PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED JUNE 2016
COMPARISON WITH PREVIOUS PERIOD



Government of South Australia
 Department of State Development

Category: Industrial Minerals

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Fire Clay		0	0	4	32	4	32
Foundry Sand		850	114,817	2,205	35,273	3,055	150,090
Garnet (Kg)		0	0	0	0	0	0
Graphite		0	0	0	0	0	0
Gypsum		1,142,991	7,060,849	1,306,558	9,208,812	2,449,549	16,269,661
Heavy Mineral Concentrate		297,211	140,904,241	260,125	116,619,353	557,336	257,523,594
Ilmenite		69,284		57,546		126,830	16,932,611
Kaolin		0		0		0	0
Leucoxene		1,389		554		1,943	4,432
Limesand		2,689	111,330	17,774	254,544	20,463	365,874
Limestone		1,018,343	6,666,825	627,609	4,977,881	1,645,953	11,644,706
Magnesite		1,727	173,661	4,107	395,254	5,835	568,915
Marble		205,918	4,200,445	199,198	4,370,607	405,116	8,571,052
Peat		505	22,725	617	27,765	1,122	50,490
Phosphate		832	158,031	1,476	218,639	2,308	376,670
Rutile		15,893		12,330		28,223	15,058,934
Salt		178,651	25,352,685	227,152	21,925,134	405,803	47,277,819
Shell Grit		2,437	54,982	2,119	48,184	4,557	103,166
Silica		20,142	364,429	19,115	260,415	39,257	624,844
Silica Sand		126,099	3,857,250	161,570	4,656,291	287,669	8,513,541
Talc		447	143,319	413	126,926	860	270,245
Zircon		131,616		132,348		263,964	211,963,361
TOTAL		3,116,791	\$191,446,387	2,963,784	\$166,271,666	6,080,575	\$357,718,053

Category: Construction Materials

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)

Please note that these latest six month figures may be subject to amendment due to late submissions and any necessary post-publication adjustments will be included in the next issue of Resources Production

PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED JUNE 2016
COMPARISON WITH PREVIOUS PERIOD



Government of South Australia
 Department of State Development

Category: Construction Materials

		6 Months Ended December 2015		6 Months Ended June 2016		Total (12 Months)	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Basalt		282,109	2,844,573	97,080	1,265,671	379,189	4,110,244
Calcrete		373,574	3,706,211	303,088	4,539,441	676,662	8,245,652
Clay		15,996	68,992	55,554	444,240	71,550	513,232
Clay - Red Plastic		21,366	102,746	8,648	38,873	30,014	141,619
Clay - White Plastic		69,268	446,321	55,623	178,751	124,890	625,072
Dolomite		1,226,377	20,865,725	1,467,881	22,535,062	2,694,259	43,400,787
Epidote		212	7,430	0	0	212	7,430
Feldspar		0	0	522	18,271	522	18,271
Fine Tailings		7,559	68,405	8,213	73,225	15,772	141,630
Gneiss		73,343	1,401,291	90,149	1,613,853	163,492	3,015,144
Granite		6,316	224,628	9,335	251,729	15,651	476,357
Gravel (Natural)		89,306	1,826,613	96,625	1,700,097	185,931	3,526,710
Ironstone		20,567	185,960	7,280	58,240	27,847	244,200
Limestone		1,739,019	22,741,198	2,233,536	27,353,502	3,972,555	50,094,700
Marble		262,306	4,193,616	216,920	3,940,955	479,225	8,134,571
Meta-silt Stone		212,464	2,816,561	266,068	5,417,254	478,532	8,233,815
Norite		6,224	1,040,430	5,451	896,241	11,675	1,936,671
Quartzite		641,132	10,498,651	708,425	11,454,612	1,349,557	21,953,262
Sand		1,356,088	13,885,731	1,367,604	13,074,828	2,723,692	26,960,559
Sandstone		160,637	2,220,300	188,228	3,552,953	348,865	5,773,253
Shale		42,552	340,416	54,954	439,632	97,506	780,048
Shale - Coloured		51,548	175,946	66,095	228,056	117,643	404,002
Shale - White		34,838	205,455	26,473	109,466	61,311	314,921
Shell Grit		1,260	11,043	1,998	24,698	3,258	35,741
Siltstone		19,532	324,876	44,785	699,140	64,317	1,024,016
Slate		693	400,484	966	413,371	1,659	813,855
TOTAL		6,714,287	\$90,603,602	7,381,499	\$100,322,159	14,095,786	\$190,925,760

**PRODUCTION: +12+MONTH+RESOURCES FOR THE
PERIOD ENDED JUNE 2016**



Government of South Australia
Department of State Development

Product	Quantity (t)	Value (\$)	12 Month Total (\$)
Metallic Minerals			
Contained Copper	132,318	761,456,188	
Contained Gold (grams)	3,690,148	196,160,888	
Contained Lead	0	0	
Contained Silver (Kg)	25,992	15,935,361	
Contained Zinc	0	0	
Copper	193,934	1,329,773,832	
Gold (grams)	5,066,929	266,196,862	
Iron Ore - Hematite DSO	8,281,323	501,475,133	
Iron Ore - Hematite Feed	386,500	30,685,531	
Iron Ore - Magnetite DSO	623,671	38,176,507	
Iron Ore - Magnetite Feed	1,262,852	138,311,126	
Silver (Kg)	25,812	17,397,259	3,295,568,687
Energy			
Coal	1,472,092	51,447,001	
Uranium Oxide	5,367	556,880,781	608,327,782
Petroleum Production			
Caroline 1 CO2 well (t)	5,849	1,622,894	
Condensate (kL)	211,264	80,437,024	
Crude oil (kL)	1,482,058	564,889,331	
LPG	142,765	80,320,582	
Natural Gas (Gm3)	2	335,686,010	1,062,955,841
Gem & Semi-precious Stones	1,000	1,200	1,200
Opal Production	0	15,072,000	15,072,000
Industrial Minerals	6,080,575	357,718,053	357,718,053
Construction Materials	14,095,786	190,925,760	190,925,760
TOTAL RESOURCES VALUE			\$5,530,569,323