



South Australian mineral resource production statistics for the six month ended 31st December 2010

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Report Book 2011/00008



Government of South Australia
Primary Industries and Resources SA

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Preferred way to cite this publication

Brice, R., 2011. South Australian mineral resource production statistic for the six months ended 31st December 2010. *South Australia. Department of Primary Industries and Resources. Report Book 2011/00008*

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



Government of South Australia
Primary Industries and Resources SA

Category: Metallic Minerals

Commodity	6 Months Ended June 2010		6 Months Ended December 2010	
	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Copper	95,127	785,212,780	134,652	1,155,068,631
Gold (grams)	4,969,962	199,839,168	6,095,737	292,070,948
Iron Ore - Hematite	2,950,964	306,940,248	3,244,267	391,134,623
Iron Ore - Magnetite	839,775	80,449,156	716,427	83,628,281
Lead	4,589	6,395,547	4,237	8,615,210
Silver (Kg)	17,460	11,777,233	19,322	14,748,520
Zinc	20,217	29,718,716	11,757	16,934,586
TOTAL		\$1,420,332,848		\$1,962,200,800

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

Category: Energy

Commodity	6 Months Ended June 2010		6 Months Ended December 2010	
	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Coal	1,909,710	28,076,459	1,760,748	34,274,063
Uranium Oxide	582	43,273,378	2,037	118,782,378
TOTAL		\$71,349,837		\$153,056,441

Category: Petroleum Production

Commodity Type/Grade		6 Months Ended June 2010		6 Months Ended December 2010	
		Quantity	Value (\$)	Quantity	Value (\$)
Caroline 1 CO2 well (t)		4,712	1,172,174	4,933	1,238,444
Condensate (kL)		75,365	41,719,187	102,011	53,813,191
Crude oil (kL)		289,876	157,466,763	266,915	124,925,265
Ethane (t)		0	0	0	0
LPG		68,801	57,704,003	71,265	66,397,039
Natural Gas (Gm3)		1	191,243,411	1	202,672,174
TOTAL		438,755	\$449,305,539	445,125	\$449,046,113

Category: Gem & Semi-precious Stones

Commodity		6 Months Ended June 2010		6 Months Ended December 2010	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Jade (Kg)			1,210		23,675
TOTAL			\$1,210		\$23,675

Category: Opal Production

Commodity		6 Months Ended June 2010		6 Months Ended December 2010	
		Estimated Value (\$)		Estimated Value (\$)	
Opal		0	6,170,000	0	7,570,000
TOTAL		0	\$6,170,000	0	\$7,570,000

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



Government of South Australia
Primary Industries and Resources SA

Category: Industrial Minerals

		6 Months Ended June 2010		6 Months Ended December 2010	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Barite					
	Drilling	9,781	620,713	6,548	416,110
	Industrial	200	24,645	0	0
Cement Shale		115,349	655,486	69,088	408,208
Dolomite					
	Agricultural	21,993	264,933	2,990	44,989
	Industrial	79,977	2,366,284	111,427	3,031,105
Feldspar		14,209	424,541	5,144	182,552
Fire Clay		12	0	2	0
Gypsum					
	Agricultural	112,070	1,018,843	29,853	278,194
	Cement	194,722	1,364,464	191,115	967,575
	Plasterboard	673,868	2,488,070	759,245	2,875,953
Heavy Mineral Concentrate		205,472	44,890,065	289,047	47,586,818
Limesand					
	Agricultural	15,369	121,486	2,177	15,239
	Flux	1,498	114,158	1,905	145,173
Limestone					
	Agricultural	25,254	596,343	12,968	353,351
	Cement	1,048,686	7,623,947	1,007,115	7,321,726
	Flux	17,585	755,249	19,338	874,987
Magnesite		1,148	18,598	470	40,418
Marble					
	Agricultural	4,376	243,130	5,345	288,516
	Cement	424,990	4,561,628	228,171	2,007,770
	Chemical	251,581	3,086,898	292,363	3,680,856
	Flux	51,306	1,578,430	84,565	2,471,456
	Whiting	150	2,653	43	932
Peat		2,389	107,505	2,101	94,569
Phosphate		2,270	379,060	277	25,203
Salt		342,691	13,869,709	304,177	13,624,089
Shell Grit					
	Agricultural	57	520	75	1,023
	Industrial	23,356	1,103,536	6,535	46,214
Silica		2,868	83,888	8,079	281,817
Silica Sand					
	Foundry	291	2,038	1,128	7,897
	Glass	196,148	6,766,784	156,401	5,862,579
Talc					
	Pharmaceutical	209	52,597	136	34,275
TOTAL		3,839,872	\$95,186,200	3,597,826	\$92,969,592

**PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED 1
COMPARISON WITH PREVIOUS PERIOD**



Category: Construction Materials

**6 Months Ended
June 2010**

**6 Months Ended
December 2010**

Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Basalt					
	Aggregate	20,184	550,456	16,173	439,632
	Ballast	188	564	0	0
	Crusher Dust	11,473	149,522	9,554	106,838
	Filling	54,731	313,159	10,168	148,864
	Road Base	95,192	1,586,070	31,283	462,313
	Road Seal Aggregate	21,310	612,528	20,388	549,773
	Spalls	98	1,836	1,027	8,675
	Specification Sand	8,247	85,143	3,962	45,630
Calcrete					
	Aggregate - General Purpose	4,264	155,256	2,848	106,092
	Concrete Aggregate	622	13,065	4,680	89,616
	Crusher Dust	3,249	25,024	1,334	9,919
	Filling	9,567	69,953	4,745	35,537
	Road Base	236,904	1,873,946	108,786	699,977
	Spalls	471	8,000	5,783	98,303
	Specification Sand	18,175	109,049	7,235	43,410
Clay					
	Filling	7,430	16,845	37,545	188,225
	Road Base	49,408	0	0	0
Clay - Red Plastic					
	Filling	5,238	23,134	5,344	23,682
Clay - White Plastic					
	Filling	52,537	148,581	43,912	108,691
	Fired (bricks)	0	0	128	1,024
Dolomite					
	Ballast	55	1,392	289	7,312
	Concrete Aggregate	573,397	9,168,576	562,270	9,374,311
	Crusher Dust	77,065	513,448	30,491	372,562
	Filling	77,243	674,354	77,127	738,716
	Road Base	404,280	3,138,609	438,508	3,910,113
	Road Seal Aggregate	142,076	1,867,698	118,122	1,942,818
	Spalls	4,437	70,500	5,642	117,663
	Specification Sand	151,839	824,168	88,968	667,679
Epidote					
	Decorative Stone	125	3,750	0	0
Fine Tailings					
	Filling	10,470	56,132	7,067	51,735

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



Government of South Australia
Primary Industries and Resources SA

Category: Construction Materials

		6 Months Ended June 2010		6 Months Ended December 2010	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Gneiss	Aggregate - General Purpose	28,798	766,632	34,763	967,144
	Ballast	384	6,643	1,058	19,149
	Concrete Aggregate	13,711	384,025	11,519	323,683
	Crusher Dust	11,257	163,226	9,388	139,881
	Filling	12,002	88,083	10,701	77,189
	Road Base	45,797	568,738	45,770	579,528
	Road Seal Aggregate	2,543	79,849	2,794	89,966
	Spalls	379	6,431	0	0
	Specification Sand	18,760	136,897	22,534	144,111
Granite	Concrete Aggregate	1,658	39,753	11,823	85,692
	Decorative Stone	0	0	1,281	240
	Dimension Stone	1,422	632,107	10,126	765,469
	Road Base	1,952	21,872	1,149	20,682
	Spalls	0	0	197	3,211
Gravel (Natural)		0	0	266	2,128
	Aggregate - General Purpose	13,188	356,300	20,623	567,927
	Concrete Aggregate	100	4,000	268	804
	Decorative Stone	4,880	102,181	8,363	148,052
	Filling	1,545	20,141	9,127	79,735
	Road Base	28,698	393,106	51,425	552,045
	Specification Sand	2,792	67,626	1,492	37,748
Ironstone	Road Base	37,488	6,000	10,245	7,075
Limestone		275	688	2,182	31,683
	Aggregate - General Purpose	291,364	6,750,635	327,213	7,486,917
	Ballast	40,558	651,359	32,413	504,871
	Concrete Aggregate	247,701	5,432,334	233,879	5,060,002
	Crusher Dust	69,883	790,762	73,761	1,061,257
	Decorative Stone	82	2,236	40	1,096
	Dimension Stone	6,068	401,535	5,907	369,146
	Filling	204,316	1,077,695	197,855	1,104,168
	Road Base	1,314,729	7,535,462	1,311,065	7,693,699
	Road Seal Aggregate	4,293	97,851	4,597	133,422
	Spalls	128,495	1,079,947	40,073	399,372
	Specification Sand	93,840	724,936	91,717	811,483

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



Category: Construction Materials

		6 Months Ended June 2010		6 Months Ended December 2010	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Marble	Ballast	576	6,547	0	0
	Concrete Aggregate	112,611	1,704,670	132,401	2,054,255
	Crusher Dust	17,108	192,892	15,290	159,038
	Decorative Stone	16,330	364,948	26,125	562,268
	Filling	35,305	467,259	54,881	304,853
	Road Base	424,990	4,561,628	339,138	3,454,828
	Spalls	1,704	33,402	930	19,135
Meta-silt Stone	Aggregate - General Purpose	90,582	2,358,543	92,844	2,500,613
	Ballast	12,323	185,814	11,116	169,589
	Concrete Aggregate	29,730	517,342	27,192	508,462
	Crusher Dust	13,434	223,046	27,046	339,907
	Decorative Stone	108	3,227	107	3,211
	Dimension Stone	4,770	853,794	5,080	727,945
	Filling	5,406	34,061	6,689	103,831
	Road Base	76,530	1,025,749	62,351	822,204
	Road Seal Aggregate	1,037	24,881	1,714	38,927
	Spalls	213	3,828	271	4,876
	Specification Sand	33,088	284,463	36,983	314,351
Norite	Dimension Stone	2,063	286,462	2,772	304,872
Quartzite	Aggregate - General Purpose	89,163	2,147,318	102,724	2,600,528
	Ballast	1,391	29,117	2,275	38,707
	Concrete Aggregate	70,600	1,880,434	73,208	1,935,385
	Crusher Dust	36,622	342,606	35,152	342,407
	Decorative Stone	912	7,755	719	6,110
	Filling	142,967	1,139,415	140,606	1,106,052
	Road Base	736,682	8,929,295	715,429	8,850,432
	Spalls	2,784	39,427	1,247	20,296
	Specification Sand	67,675	816,573	70,809	881,595
Sand		4,312	17,248	1,310	8,320
	Building	121,194	1,540,775	153,008	1,769,097
	Concrete	1,005,897	8,453,267	1,002,221	7,737,367
	Garden/Filling	262,944	1,627,841	196,581	1,600,724
	Packing	374,023	2,270,876	220,733	1,108,350
	Road Base	300	1,800	0	0

**PRODUCTION: COMMODITIES BY CATEGORY FOR 6 MONTHS ENDED 1
COMPARISON WITH PREVIOUS PERIOD**



Government of South Australia
Primary Industries and Resources SA

Category: Construction Materials

		6 Months Ended June 2010		6 Months Ended December 2010	
Commodity	Type/Grade	Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Sandstone					
	Aggregate - General Purpose	82,703	1,974,105	24,177	626,353
	Ballast	1,245	17,430	376	5,264
	Concrete Aggregate	5,830	86,310	7,550	127,900
	Dimension Stone	2,650	212,777	2,469	397,252
	Filling	21,339	200,240	2,932	158,379
	Road Base	119,547	651,445	61,945	503,889
	Spalls	2,164	1,913	1,200	1,996
	Specification Sand	2,670	58,945	2,099	48,202
Shale					
	Filling	372	3,720	366	3,660
	Road Base	81,013	477,859	214,119	1,069,126
Shale - Coloured		19,369	63,658	41,139	138,439
Shale - White		30,894	133,428	43,980	159,017
Shell Grit					
	Filling	1,082	6,824	1,836	11,224
	Road Base	381	5,241	0	0
Siltstone					
	Aggregate - General Purpose	31,455	1,061	7,341	227,793
	Filling	20	495	118	2,037
	Road Base	57,433	797,240	43,166	151,873
	Specification Sand	22,607	143,110	10,384	62,356
Slate					
	Decorative Stone	86	20,000	83	40,000
	Dimension Stone	742	831,134	599	480,303
TOTAL		8,948,206	\$98,513,044	8,253,824	\$94,231,283

**PRODUCTION: 12 MONTH RESOURCES FOR THE
PERIOD ENDED DECEMBER 2010**



Government of South Australia
Primary Industries and Resources SA

Product	Quantity (t)	Value (\$)	12 Month Total (\$)
Metallic Minerals			
Copper	229,779	1,940,281,411	
Gold (grams)	11,065,699	491,910,116	
Iron Ore - Hematite	6,195,231	698,074,871	
Iron Ore - Magnetite	1,556,202	164,077,437	
Lead	8,826	15,010,757	
Silver (Kg)	36,782	26,525,753	
Zinc	31,974	46,653,302	3,382,533,647
Energy			
Coal	3,670,458	62,350,522	
Uranium Oxide	2,618	162,055,756	224,406,278
Petroleum Production			
Caroline 1 CO2 well (t)	9,645	2,410,618	
Condensate (kL)	177,376	95,532,378	
Crude oil (kL)	556,791	282,392,028	
Ethane (t)	0	0	
LPG	140,066	124,101,042	
Natural Gas (Gm3)	2	393,915,585	898,351,652
Gem & Semi-precious Stones	4,625	24,885	24,885
Opal Production	0	13,740,000	13,740,000
Industrial Minerals	7,437,698	188,155,793	188,155,793
Construction Materials	17,202,030	192,744,327	192,744,327
TOTAL RESOURCES VALUE			\$4,899,956,581