



# South Australian mineral resource production statistics for the six month ended 31st December 2009

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**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Metallic Minerals

Commodity	Quantity (t)	6 Months Ended June 2009		6 Months Ended December 2009	
		Value (\$)	Quantity (t)	Value (\$)	Quantity (t)
Copper	105,532	654,491,761	125,527	879,833,931	
Gold (grams)	3,676,948	146,921,803	2,506,219	145,167,516	
Iron Ore - Hematite	3,132,824	231,417,795	3,375,225	230,271,287	
Iron Ore - Magnetite	643,318	56,735,166	690,201	46,348,606	
Lead	3,037	3,871,619	5,590	11,125,114	
Silver (Kg)	18,904	11,082,020	114,260	20,097,234	
Zinc	22,215	16,081,458	37,182	34,198,178	
<b>TOTAL</b>		<b>\$1,120,601,622</b>		<b>\$1,367,041,866</b>	

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

**Category:** Energy

Commodity	Quantity (t)	6 Months Ended June 2009		6 Months Ended December 2009	
		Value (\$)	Quantity (t)	Value (\$)	Quantity (t)
Coal	1,971,037	32,203,895	1,824,476	32,400,096	
Uranium Oxide	2,390	161,486,982	2,462	149,742,938	
<b>TOTAL</b>		<b>\$193,690,877</b>		<b>\$182,143,034</b>	

**Category:** Petroleum Production

Commodity	Type/Grade	Quantity	6 Months Ended June 2009		6 Months Ended December 2009	
			Value (\$)	Quantity	Value (\$)	Quantity
Caroline 1 CO2 well (t)		5,015	1,234,437	4,938	1,217,771	
Condensate (kL)		97,968	39,465,312	162,504	72,951,861	
Crude oil (kL)		348,292	166,967,806	404,742	218,890,828	
Ethane (t)		0	0	0	0	
LPG		120,382	57,969,437	73,864	54,166,625	
Natural Gas (Gm3)		1	133,845,787	1	172,985,343	
<b>TOTAL</b>		<b>571,658</b>	<b>\$399,482,780</b>	<b>646,049</b>	<b>\$520,212,428</b>	

**Category:** Gem & Semi-precious Stones

Commodity	Quantity (t)	6 Months Ended June 2009		6 Months Ended December 2009	
		Value (\$)	Quantity (t)	Value (\$)	Quantity (t)
Jade (Kg)		27,910		5,385	
<b>TOTAL</b>		<b>\$27,910</b>		<b>\$5,385</b>	

**Category:** Opal Production

Commodity	6 Months Ended June 2009		6 Months Ended December 2009	
	Estimated Value (\$)	Quantity (t)	Estimated Value (\$)	Quantity (t)
Opal	0	6,800,000	0	6,200,000
<b>TOTAL</b>	<b>0</b>	<b>\$6,800,000</b>	<b>0</b>	<b>\$6,200,000</b>

**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Industrial Minerals

Commodity	Type/Grade	6 Months Ended June 2009		6 Months Ended December 2009	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Barite	Drilling	6,028	343,873	8,100	447,498
	Industrial	1,531	188,302	975	119,964
Cement Shale		106,770	562,481	94,420	530,381
Dolomite	Agricultural	21,896	202,952	4,141	81,923
	Industrial	95,259	2,321,255	70,052	2,006,402
Feldspar		5,431	284,990	11,461	471,265
Fire Clay		12	0	0	0
Gypsum	Agricultural	109,774	991,383	37,840	308,861
	Cement	237,885	988,839	257,767	1,230,611
	Plasterboard	647,086	2,159,040	633,470	1,926,788
Limesand	Agricultural	17,199	135,695	216	1,312
	Flux	1,325	101,973	896	67,700
Limestone	Agricultural	65,181	1,182,615	17,261	309,980
	Cement	616,325	4,480,683	833,211	6,057,437
	Flux	16,697	660,162	20,025	880,408
Magnesite		2,586	38,375	687	39,120
Marble	Agricultural	4,055	209,565	3,812	223,403
	Cement	266,699	2,059,871	311,682	2,761,426
	Chemical	251,581	3,018,972	255,592	3,136,114
	Flux	47,217	1,491,426	44,092	1,981,257
	Whiting	37	640	59	1,387
Peat		2,723	122,535	2,849	128,246
Phosphate		2,785	353,653	1,066	100,702
Salt		326,323	6,460,968	368,842	8,295,571
Shell Grit	Agricultural	40	835	41	835
	Industrial	22,958	1,027,634	23,691	1,090,413
Silica		52	1,416	11,816	321,868
Silica Sand	Foundry	21,393	742,412	14,456	765,706
	Glass	158,672	4,887,206	159,898	4,887,287
Talc	Filling	0	0	4,012	63,753
	Pharmaceutical	656	90,433	406	102,277
<b>TOTAL</b>		<b>3,056,175</b>	<b>\$35,110,184</b>	<b>3,192,834</b>	<b>\$38,339,894</b>

**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Construction Materials

Commodity	Type/Grade	6 Months Ended June 2009		6 Months Ended December 2009	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Basalt					
	Aggregate	7,994	159,715	9,563	225,681
	Crusher Dust	15,586	220,713	8,720	100,546
	Filling	30,822	271,442	421,614	1,789,136
	Road Base	112,016	1,870,883	56,496	1,247,522
	Road Seal Aggregate	35,246	865,313	26,269	731,952
	Spalls	469	10,665	286	5,001
	Specification Sand	2,198	22,026	4,482	46,757
Calcrete					
	Aggregate - General Purpose	5,026	165,563	4,667	151,605
	Concrete Aggregate	5,478	180,577	5,679	183,002
	Crusher Dust	4,041	26,814	2,108	13,828
	Filling	1,215	16,239	3,564	17,939
	Road Base	152,895	1,874,126	285,638	1,326,114
	Spalls	205	3,897	242	4,113
	Specification Sand	7,284	36,419	7,138	42,829
Clay					
	Filling	1,075,293	5,505,450	4,698	9,083
	Fired (bricks)	7,556	28,562	8,372	31,646
	Road Base	12,968	103,944	41,283	330,264
Clay - Red Plastic					
	Filling	8,672	38,369	7,142	31,759
Clay - White Plastic					
	Filling	44,250	118,560	30,339	96,329
	Fired (bricks)	1,356	10,848	1,059	8,472
Dolomite					
	Ballast	9,653	212,366	128	3,200
	Concrete Aggregate	492,811	6,171,889	550,435	7,388,511
	Crusher Dust	47,508	319,781	48,821	327,247
	Filling	68,455	652,265	81,218	693,190
	Road Base	440,446	3,532,582	438,116	3,865,300
	Road Seal Aggregate	92,719	1,252,699	141,682	2,150,000
	Spalls	3,008	49,817	12,220	135,166
	Specification Sand	95,219	649,950	206,332	1,038,702
Fine Tailings					
	Filling	10,658	66,186	9,092	67,130

**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Construction Materials

Commodity	Type/Grade	6 Months Ended June 2009		6 Months Ended December 2009	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Gneiss					
	Aggregate - General Purpose	1,873	47,062	1,412	27,766
	Ballast	22,649	332,684	6,344	107,002
	Concrete Aggregate	29,036	770,529	30,637	810,234
	Crusher Dust	9,690	140,505	9,197	133,356
	Filling	12,785	89,200	16,500	119,007
	Road Base	65,512	821,786	50,018	664,387
	Road Seal Aggregate	7,932	273,334	12,726	411,257
	Spalls	52	848	88	1,656
	Specification Sand	19,203	136,166	20,234	150,127
Granite					
	Concrete Aggregate	602	39,109	3,655	41,194
	Decorative Stone	375	11,250	155	4,663
	Dimension Stone	355	241,241	139	13,900
	Filling	210	7,969	164	6,765
	Road Base	1,120	19,127	437	7,858
	Spalls	0	0	105	525
Gravel (Natural)					
	Aggregate - General Purpose	9,892	221,503	12,049	298,346
	Ballast	246	5,767	8,031	160,651
	Concrete Aggregate	7,546	200,611	3,752	113,980
	Decorative Stone	9,252	179,350	11,776	199,709
	Filling	7,777	64,288	380	3,228
	Road Base	36,961	552,404	29,613	471,035
	Spalls	629	11,678	85	1,433
	Specification Sand	3,410	80,288	3,238	79,821
Ironstone					
	Road Base	36,074	286,896	7,770	54,574
Limestone					
	Aggregate - General Purpose	2,857	72,056	5,148	144,886
	Ballast	44,064	630,034	59,131	966,510
	Concrete Aggregate	313,002	6,458,291	350,360	7,479,299
	Crusher Dust	46,102	498,628	58,351	681,819
	Decorative Stone	80	2,182	78	2,127
	Dimension Stone	3,850	238,615	5,492	376,730
	Filling	127,263	876,154	444,799	2,120,269
	Road Base	1,285,180	15,782,728	1,161,476	9,467,340
	Road Seal Aggregate	153,367	3,625,870	90,955	2,401,502
	Spalls	87,894	831,356	44,089	234,997
	Specification Sand	85,849	707,482	76,466	670,288

**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Construction Materials

Commodity	Type/Grade	6 Months Ended June 2009		6 Months Ended December 2009	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Marble					
	Ballast	1,933	37,871	1,756	33,539
	Concrete Aggregate	107,096	1,571,625	109,997	1,882,324
	Crusher Dust	17,786	187,577	22,091	296,379
	Decorative Stone	15,844	336,990	17,390	437,622
	Filling	58,187	666,078	93,759	1,818,822
	Road Base	480,106	4,294,803	310,955	4,953,502
	Spalls	2,733	43,381	1,458	41,025
Meta-silt Stone					
	Aggregate - General Purpose	3,307	95,777	3,530	104,042
	Ballast	5,270	63,609	2,019	159,159
	Concrete Aggregate	39,206	764,673	44,567	863,952
	Crusher Dust	13,035	170,592	24,806	276,197
	Decorative Stone	93	2,548	40	1,186
	Dimension Stone	4,786	833,757	4,938	867,012
	Filling	20,205	43,534	4,622	19,493
	Road Base	70,756	914,534	82,666	991,828
	Road Seal Aggregate	61,233	1,655,050	64,369	1,761,817
	Spalls	444	9,312	751	11,484
	Specification Sand	30,686	252,153	29,711	260,035
Norite					
	Dimension Stone	1,734	321,653	2,863	415,445
Quartzite					
		0	0	0	0
	Aggregate - General Purpose	52,845	1,283,821	66,628	1,639,224
	Ballast	8,801	179,574	17,848	365,291
	Concrete Aggregate	98,432	2,225,027	95,617	2,245,859
	Crusher Dust	36,776	331,873	26,137	294,270
	Decorative Stone	1,651	13,208	1,025	8,717
	Filling	145,131	1,019,866	217,487	1,644,000
	Road Base	581,314	5,010,638	569,006	6,497,762
	Road Seal Aggregate	3,055	63,183	0	0
	Spalls	6,070	107,590	2,234	39,144
	Specification Sand	72,607	815,067	78,393	905,358
Sand					
		0	0	100	900
	Building	175,972	1,622,926	171,000	1,722,852
	Concrete	951,659	7,586,531	963,270	8,270,590
	Garden/Filling	303,115	1,923,963	284,112	1,915,838
	Packing	320,311	2,386,425	571,327	2,851,317

**RESOURCES PRODUCTION FOR 6 MONTHS ENDED DECEMBER 2009  
COMPARISON WITH PREVIOUS PERIOD**



**Category:** Construction Materials

Commodity	Type/Grade	6 Months Ended June 2009		6 Months Ended December 2009	
		Quantity (t)	Value (\$)	Quantity (t)	Value (\$)
Sandstone					
	Aggregate - General Purpose	994	32,550	1,459	48,348
	Ballast	44,533	691,898	15,059	277,914
	Concrete Aggregate	13,203	795,172	12,616	311,347
	Dimension Stone	2,646	377,910	2,983	268,834
	Filling	14,195	61,580	3,294	24,832
	Road Base	90,959	729,732	50,610	655,048
	Road Seal Aggregate	15,650	520,862	14,165	485,676
	Spalls	441	9,969	122	3,392
	Specification Sand	4,045	83,608	2,934	65,579
Shale					
	Filling	285	28,500	276	5,520
	Road Base	104,796	417,228	179,866	679,000
Shale - Coloured		71,397	234,991	24,352	72,426
Shale - White		41,110	157,536	39,789	149,138
Shell Grit					
	Filling	683	9,378	1,995	12,522
	Road Base	357	5,720	448	6,828
Siltstone					
	Aggregate - General Purpose	280	6,135	235	7,009
	Ballast	9	189	0	0
	Concrete Aggregate	1,726	32,918	624	16,125
	Filling	0	0	1,013	9,117
	Road Base	32,402	264,377	38,372	425,327
	Road Seal Aggregate	1,062	31,250	5,612	176,955
	Spalls	2	44	94	2,353
	Specification Sand	9,505	53,487	3,705	27,665
Slate					
	Decorative Stone	67	16,000	64	35,000
	Dimension Stone	629	532,310	446	458,067
<b>TOTAL</b>		<b>9,366,890</b>	<b>\$100,623,207</b>	<b>9,228,855</b>	<b>\$98,310,269</b>

**12 MONTH RESOURCES PRODUCTION FOR THE  
PERIOD ENDED DECEMBER 2009**



<b>Product</b>	<b>Quantity (t)</b>	<b>Value (\$)</b>	<b>12 Month Total (\$)</b>
<b>Metallic Minerals</b>			
Copper	231,059	1,534,325,691	
Gold (grams)	6,183,168	292,089,319	
Iron Ore - Hematite	6,508,049	461,689,082	
Iron Ore - Magnetite	1,333,519	103,083,772	
Lead	8,627	14,996,733	
Silver (Kg)	133,164	31,179,255	
Zinc	59,397	50,279,636	<b>2,487,643,489</b>
<b>Energy</b>			
Coal	3,795,513	64,603,991	
Uranium Oxide	4,852	311,229,920	<b>375,833,911</b>
<b>Petroleum Production</b>			
Caroline 1 CO2 well (t)	9,953	2,452,208	
Condensate (kL)	260,472	112,417,173	
Crude oil (kL)	753,034	385,858,634	
Ethane (t)	0	0	
LPG	194,246	112,136,062	
Natural Gas (Gm3)	2	306,831,130	<b>919,695,208</b>
<b>Gem &amp; Semi-precious Stones</b>	5,364	33,295	<b>33,295</b>
<b>Opal Production</b>	0	13,000,000	<b>13,000,000</b>
<b>Industrial Minerals</b>	6,249,009	73,450,078	<b>73,450,078</b>
<b>Construction Materials</b>	18,595,745	198,933,475	<b>198,933,475</b>
<b>TOTAL RESOURCES VALUE</b>			<b>\$4,068,589,455</b>