

Table 8.2
Summary of Estimated Direct Mining Costs
(1st Quarter 2012 Australian Dollars)

Description	Unit Cost	Units	Production Year								Total
			1	2	3	4	5	6	7	8	
PRODUCTION STATISTICS											
ROM Tonnes		ROM t	400,000	850,000	910,000	910,000	910,000	910,000	910,000	900,000	6,700,000
Product Tonnes @ 80% Yield		Product t	320,000	680,000	728,000	728,000	728,000	728,000	728,000	720,000	5,360,000
Waste Volume to be Blasted ⁽¹⁾		bcm	1,406,000	3,290,000	3,680,000	3,940,000	4,410,000	4,075,000	4,000,000	3,700,000	28,501,000
Dozer Push Waste Volume ⁽²⁾		bcm	823,000	2,015,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	16,038,000
Excavator Waste Volume		bcm	1,077,000	2,485,000	3,300,000	3,300,000	3,400,000	3,400,000	3,400,000	2,900,000	23,262,000
Total Waste Volume		bcm	1,900,000	4,500,000	5,500,000	5,500,000	5,600,000	5,600,000	5,600,000	5,100,000	39,300,000
Stripping Ratio - ROM		bcm/ROM t	4.8	5.3	6.0	6.0	6.2	6.2	6.2	5.7	5.9
Stripping Ratio - Product		bcm/Product t	5.9	6.6	7.6	7.6	7.7	7.7	7.7	7.1	7.3
DIRECT MINING COSTS - (\$)											
Waste Drilling & Blasting	\$1.16	\$/bcm blasted	\$1,626,485	\$3,805,930	\$4,257,089	\$4,557,861	\$5,101,565	\$4,714,031	\$4,627,270	\$4,280,225	\$32,970,457
Excavator/Truck Waste Stripping	\$1.82	\$/backfill bcm	\$1,964,820	\$4,533,499	\$6,020,341	\$6,020,341	\$6,202,776	\$6,202,776	\$6,202,776	\$5,290,603	\$42,437,934
Dozer Push Stripping	\$0.50	\$/dozer Ebcm	\$408,675	\$1,000,582	\$1,092,447	\$1,092,447	\$1,092,447	\$1,092,447	\$1,092,447	\$1,092,447	\$7,963,941
Coal Drilling & Blasting	\$0.88	\$/ROM t	\$352,137	\$748,291	\$801,111	\$801,111	\$801,111	\$801,111	\$801,111	\$792,308	\$5,898,290
Coal Loading & Stockpiling	\$0.74	\$/ROM t	\$294,612	\$626,050	\$670,242	\$670,242	\$670,242	\$670,242	\$670,242	\$662,877	\$4,934,747
Coal Haulage	\$1.26	\$/ROM t-km	\$502,200	\$1,067,176	\$1,142,506	\$1,142,506	\$1,142,506	\$1,142,506	\$1,142,506	\$1,129,951	\$8,411,857
Environmental Rehabilitation	\$0.12	\$mat-unit	\$274,333	\$638,124	\$764,555	\$764,555	\$776,483	\$776,483	\$776,483	\$715,653	\$5,486,670
Maintenance	\$0.40	\$mat-unit	\$925,904	\$2,153,732	\$2,580,453	\$2,580,453	\$2,620,710	\$2,620,710	\$2,620,710	\$2,415,401	\$18,518,073
Operations Support	\$0.38	\$mat-unit	\$884,918	\$327,035	\$350,120	\$350,120	\$350,120	\$350,120	\$350,120	\$346,272	\$3,308,825
Mine Supervision & Administration	\$0.12	\$mat-unit	\$275,273	\$640,309	\$767,174	\$767,174	\$779,142	\$779,142	\$779,142	\$718,104	\$5,505,461
ROM Crushing/Handling	\$1.32	\$/ROM t	\$528,100	\$1,122,213	\$1,201,428	\$1,201,428	\$1,201,428	\$1,201,428	\$1,201,428	\$1,188,226	\$8,845,680
Wash Plant Costs	\$4.25	\$/ROM t	\$1,698,258	\$3,608,799	\$3,863,538	\$3,863,538	\$3,863,538	\$3,863,538	\$3,863,538	\$3,821,081	\$28,445,829
Product Stockpiling/Loading	\$2.95	\$/Product t	\$944,757	\$2,007,608	\$2,149,322	\$2,149,322	\$2,149,322	\$2,149,322	\$2,149,322	\$2,125,703	\$15,824,676
Total Direct Mining Costs		\$	\$10,680,473	\$22,279,349	\$25,660,326	\$25,961,099	\$26,751,390	\$26,363,857	\$26,277,095	\$24,578,850	\$188,552,439
Direct Mining Costs/ROM t		\$/ROM t	\$26.70	\$26.21	\$28.20	\$28.53	\$29.40	\$28.97	\$28.88	\$27.31	\$28.14
Direct Mining Costs/Product t		\$/Product t	\$33.38	\$32.76	\$35.25	\$35.66	\$36.75	\$36.21	\$36.09	\$34.14	\$35.18

(1) Assumed weathered material will not be blasted

(2) Dozer push 70% of available Seam A waste up to 15 m thick. Limited to equipment selection (3 dozers)