

Stope	B2-34	B2-33	B2-35&36
Tons dust	13,281	12,595	36,500
Tons As2O3	6,330	6,141	25,860
% As2O3	47.67	48.76	70.85
Oz/t Au	2.38	1.325	0.767
Oz Au	31,609	16,688	27,980

Royal Oak Mines Inc, Giant Mine
Arsenic Reclaim and Purification
Economic study (5000 - 7500 tpy)
Cash flow projection

gold price = \$460/oz 90% Au recovery
As2O3 price = \$0.33/lb 100% As2O3 recovery

year U/G source	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
		B2-34	B2-34	B2-33 & 34	B2-33 & 35	B2-35 - 36	B2-35 - 36	B2-35 - 36	B2-35 - 36	B2-35 - 36
PRODUCTION										
Tons feed from mill	0	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625
Tons feed from U/G	0	4,293	6,390	8,357	8,548	6,417	6,417	6,417	6,417	6,417
Tons feed processed	0	7,918	10,015	11,982	12,173	10,042	10,042	10,042	10,042	10,042
Tons As2O3 from mill		2954	2954	2954	2954	2954	2954	2954	2954	2954
Tons As2O3 from U/G		2046	3046	4047	4546	4546	4546	4546	4546	4546
Tons As2O3 processed	0	5,000	6,000	7,015	7,954	7,476	7,476	7,476	7,476	7,500
Tons As2O3 sold	0	5,000	6,000	7,000	7,500	7,500	7,500	7,500	7,500	7,500
Ounces gold produced	0	9,784	14,276	13,021	9,923	5,084	5,084	5,084	5,084	5,084
REVENUES										
Revenue Arsenic (X1000)	0	\$3,300	\$3,960	\$4,620	\$4,950	\$4,950	\$4,950	\$4,950	\$4,950	\$4,950
Revenue Gold (X1000)	0	\$4,501	\$6,567	\$5,990	\$4,565	\$2,338	\$2,338	\$2,338	\$2,338	\$2,339
Revenues/ton feed	0	\$985	\$1,051	\$885	\$782	\$726	\$726	\$726	\$726	\$726
Revenues/ton As2O3	0	\$1,560	\$1,755	\$1,512	\$1,196	\$975	\$975	\$975	\$975	\$972
Total revenue (X1000)	0	\$7,801	\$10,527	\$10,610	\$9,515	\$7,288	\$7,288	\$7,288	\$7,288	\$7,289
Total operating (X1000)	0	\$3,683	\$4,093	\$4,955	\$5,136	\$4,708	\$4,708	\$4,708	\$4,708	\$4,708
Operating/ton feed	0	\$465	\$409	\$413	\$422	\$469	\$469	\$469	\$469	\$469
Operating/ton sold	0	\$737	\$682	\$708	\$685	\$628	\$628	\$628	\$628	\$628
CAPITAL (X1000)	\$9,407	0	0	\$2,562	250	0	0	0	0	0
Cash flow (X1000)	(\$9,407)	\$4,118	\$6,434	\$3,093	\$4,128	\$2,580	\$2,580	\$2,580	\$2,580	\$2,581
Cash flow using rail freight	(12,332)	4,584	7,120	3,999	5,144	3,596	3,596	3,596	3,596	3,597