

# BRITISH COLUMBIA MOLYBDENUM LIMITED

## 3 YEAR FORECAST COMPARISON

103P/06 Kitsault

26 mobile houses  
56 houses (4 empty)  
82  
24x42-9  
24x44-43  
24x46-5  
+ manager's house

5 mill from market  
4 mill from mill  
Aug. 1972  
calculations

43 mill  
31 mill  
106 maintenance  
180 hourly  
5 day - 40 hr week

	1971								1972								1973							
	8,500 TPD (PROBABLE)				10,000 TPD (POSSIBLE)				8,500 TPD (PROBABLE)				10,000 TPD (POSSIBLE)				8,500 TPD (PROBABLE)				10,000 TPD (POSSIBLE)			
	5 DAY	6 DAY	6-7 DAY	5-7 DAY	5 DAY	6 DAY	6-7 DAY	5-7 DAY	5 DAY	6 DAY	6-7 DAY	5-7 DAY	5 DAY	6 DAY	6-7 DAY	5-7 DAY	5 DAY	6 DAY	6-7 DAY	5-7 DAY	5 DAY	6 DAY	6-7 DAY	5-7 DAY
<b>PRODUCTION STATISTICS</b>																								
ORE MINED (000 TONS)	2483	2884	3287	3287	2747	3201	3654	3654	2483	2884	3287	3287	2747	3201	3654	3654	2483	2884	3287	3287	2747	3201	3654	3654
WASTE MINED (000 TONS)	2337	2906	2503	3503	2073	2589	2136	3136	2337	2906	2503	3503	2073	2589	2136	3136	2337	2906	2503	3503	2073	2589	2136	3136
(a) TOTAL MATERIAL MINED (000 TONS)	4820	5790	5790	6790	4820	5790	5790	6790	4820	5790	5790	6790	4820	5790	5790	6790	4820	5790	5790	6790	4820	5790	5790	6790
STRIP RATIO	0.94:1	1.01:1	0.76:1	1.07:1	0.75:1	0.81:1	0.58:1	0.86:1	0.94:1	1.01:1	0.76:1	1.07:1	0.75:1	0.81:1	0.58:1	0.86:1	0.94:1	1.01:1	0.76:1	1.07:1	0.75:1	0.81:1	0.58:1	0.86:1
(b) METAL RECOVERED (000 LBS.)	5492	6381	7270	7270	6075	7079	8082	8082	5492	6381	7270	7270	6075	7079	8082	8082	5492	6381	7270	7270	6075	7079	8082	8082
(c) REVENUE (\$000)	9117	10592	12068	12068	10085	11751	13416	13416	9666	11231	12795	12795	10692	12459	14224	14224	9666	11231	12795	12795	10692	12459	14224	14224
(d) OPERATING COSTS (\$000)																								
MINE	2706	3331	3331	3720	2706	3331	3331	3720																
(e) CONCENTRATOR	2167	2497	2733	2733	2385	2661	2940	2940																
GENERAL PLANT	2733	2828	2828	2828	2733	2828	2828	2828																
SALES & GENERAL EXPENSE	245	284	324	324	270	315	361	361																
(f) TOTAL COST	7851	8940	9216	9605	8094	9135	9460	9849	8451	9635	9961	10412	8731	9868	10250	10676	9068	10339	10688	11172	9368	10588	10998	11455
OPERATING INCOME (\$000)	1266	1652	2852	2463	1991	2616	3956	3567	1215	1596	2834	2383	1961	2591	3974	3548	598	892	2107	1623	1324	1871	3226	2769
(g) CAPITAL EXPENDITURE (\$000)	827	827	827	827	827	827	827	827	112	112	112	112	112	112	112	112	222	222	222	222	222	222	222	222
CASH FLOW (\$000)	439	825	2025	1636	1164	1789	3129	2740	1103	1484	2722	2271	1849	2479	3862	3436	376	670	1885	1401	1102	1649	3004	2547
CUMULATIVE CASH FLOW (\$000)									1542	2309	4747	3907	3013	4268	6991	6176	1918	2979	6632	5308	4115	5917	9995	8723

**EXPLANATIONS:**

- (a) Mining rate 18,000 tons per day (4 shovel shifts per day, stripping ratio can be increased by increasing number of shovel shifts to five or six.
- (b) Ore grade for 3 years 0.205% MoS<sub>2</sub>, cutoff grade 0.16% MoS<sub>2</sub>.
- (c) Revenue based on selling price of \$1.66 per lb. Mo. in 1971, \$1.76 per lb. Mo. in 1972 & 1973.
- (d) Escalation for 1972 is 7.5% for labor, 5% for materials; for 1973 is 15% labor, 5% for materials.
- (e) Total cost includes \$0.045 per lb. Mo. leaching cost in 1972 & 1973.
- (f) Total cost excludes depreciation & amortization.
- (g) Capital expenditure for 1971 includes \$500,000 for leach plant. Minimum replacement of equipment. No haulage truck replacements scheduled. Two leased trucks included in operating costs starting April 1, 1971.

10 mill in maintenance dept. short now  
incl. carryover of 1970 capital exp.

.1 - .25 Pb 8% penalty in all come for '71.  
>.1 for 1972-1973.

427 91'  
7270 -> 2828  
1 -> 2

5 day - 40 hr week

- 5 DAY** 20 shovel & 15 mill shifts per week.
- 6 DAY** 24 shovel & 18 mill shifts per week.
- 6-7 DAY** 24 shovel & 21 mill shifts per week.
- 5-7 DAY** 30 shovel & 21 mill shifts per week.

NOTE: Minor discrepancies in some calculations are due to rounding off to thousands.

base of \$1.76/lb Mo. USA dollars.

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