

Overburden Mining Costs

As for ore = \$1.00 per tonne

Concentrating Costs

\$2.00 per tonne ore

Overhead Indirect Costs

\$1.00 per tonne

Regeneration

\$0.15 per tonne ore

Total Capital Cost

Concentrator	20.0	x	10 ⁶
Mine development and equipment	5.0	x	10 ⁶
Mine exploration and proving	2.0	x	10 ⁶
Power, water and other services (high tension power lines 2 km away) (HEC Dam 0.5 km away)	1.5	x	10 ⁶
Townshite	9.0	x	10 ⁶
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Total Capital Cost	\$37.5	x	10 ⁶

Capital Expenditure

\$3.0 x 10⁶ per year

Capital Repreciated

Calculated in a straight line over mine life
 $37.5 \times 10^6 \div 19 = 1.974 \times 10^6 / \text{year}$

Federal Tax Rate

45%

CALCULATION OF OPERATING PROFITS PER YEARPlant Characteristics

Tonnes Ore milled	1.5	x	10 ⁶
Grade CaF ₂ reaching concentrator	19.2%		
Grade CaF ₂ reaching concentrator	0.165%		