

Gold Production Example Calculation

Shafts	People/Sh	Total People	Cross Check	Grade g/sa	Sacks per Sh	Total Sacs
		0				0

Mercury Use

Hg:Au Ratio	Mercury per	Emissions t	Releases to soil	Emission Factor
	0	0	0	#DIV/0!

Estimate based on Miner Income

\$/day/miner	# miners	\$/site	\$/year/site	% of spot price	% Au to boss total	\$/year intern
			0	-		#DIV/0!

National level calculation \$50 spot

total miner income per % of spot	total Au miners	% Au mine	Total Au/d in	Total Au/y (kg)
1,400,000	#DIV/0!		1,633,333	62,820,512.82
1.166667	0.224359			

Hg:Au Ratio Mercury per Emissions t Releases to soil Emission Factor

1.88E+08	#####	125,641,026	67%
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Total Au/day	Days per year	Total Au/year (kg)
0		0

\$50/g spot		
total Au/year	Hg:Au ratio	Total Hg/year (kg)
#DIV/0!		#DIV/0!

Hg:Au ratio	National Mercury used/y (kg)
3	188,461,538