

# Zone 2 lead distribution

~~7.28~~ ~~28~~  
~~1.9~~ ~~28~~ ~~account~~  
~~2.28~~ ~~7~~

1973 bimodal ~~2.0%~~ <sup>1.5%</sup> and 5.0%  
 median (50<sup>th</sup> percentile) = 2.1%  
 95<sup>th</sup> percentile = 6.2%  
 $\bar{g} = 3.1\%$   
 $s = 1.93$

000723

1967 bimodal ~~1.75%~~ <sup>1.5%</sup> and 5.0%  
 median = ~~3.5~~ 1.9%  
 95<sup>th</sup> percentile = 5.7%  
 $\bar{g} = 3.1\%$   
 $s = 2.13$

rules of thumb  
 - disregard assays  $> 6.5\%$  lead as erratic highs  
 - reduce to average of intersection

for deposit

\*  $\bar{Zn} = 4.7\%$   
 $\bar{Pb} = 3.1\%$

$\frac{\bar{Pb}}{\bar{Zn}} = .70$

$\bar{Zn} + \bar{Pb} = 7.8\%$

- this ratio equals ratio for ~~mined~~ tonnage blocks mined out in first half of 1972 in Zone 1  
 = also equals  $Pb/Zn$  ratio that can be most reliably predicted.

~~$\frac{\bar{Pb}}{\bar{Zn}} = .28$  and  $2.0\%$~~

disregarding  $Zn \geq 8.5$  and  $Zn \leq 2.5$

$Zn = 5.0\%$  ✓

$Pb \geq 6.5$  and  $Pb \leq 3.5$

$Pb = 3.4\%$

and combined  $\bar{Zn} + \bar{Pb} = 8.4\%$

$\frac{\bar{Pb}}{\bar{Zn}} = .68$

there will be some inter dilution very little