



INTER-OFFICE CORRESPONDENCE  
**WRIGHT ENGINEERS LIMITED**

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PROJECT No: 1031 FILE 004005

DATE: Feb. 8/80

LOCATION: \_\_\_\_\_

CC: \_\_\_\_\_

TO: Murray Hampton

FROM: Ken McRorie

COMPANY: Brown Project

SUBJECT: One on Section 60

I have run a quick check on the one available on section 60.

Undiluted Ore

$1781 m^2 \times 60.9 = 108,462 m^3 @ 8.34\%$  combined Pb & Zn  
 Total Volume on section to elevation 1115 m.

with slopes 45° SW, 35° FW (ramp not included)  
 pit bottom 40 m wide.

$21020 m^3 \times 60.9 = 1,889,118 m^3$

Less ore  $108,462 m^3$  412,155 m

$1,780,656 m^3$

Shipping Rates

$16.417 m^3 : 1 m^3$

$4.32 m^3 : 1 metric ton$

Value of ore - 35% Pb 65% Zn

$2205 \times 8.34\% = 183.89 \$/m^3$

$64.36 \$/m^3 Pb$   $119.52 \$/m^3 Zn$

Lead 58¢/lb  $\times 37.32 = 43.02$   $\times 80.32$

silver say 40¢/oz  $\times 40.00$

$\times 120.32$

Mill recovery 80%

$\times 96.25$

Operating costs, \$/tonne

$4.32 \times 26 \times 1.00 + 1 \times 1.00 = 12.23$

Transport 2.50

Milling and expense 6.00

O/Head 5.00

$\times 25.73$  probably high

available  $96.25 - 25.73 = 70.52$

for Smelting conc. handling and profit.  
 This looks viable to me. Section 58 and 56  
 also look viable to about elev. 1150 m