

BAKER

NCL NOTES

830471

1986/87

## Prospectus - 1977 - DuPont

53,566 tons @ 0.952 Au 21.70 Ag

@ \$100 Au + \$50 Ag.

- Delivered value / ton \$192.85.

\$1.5M spent to 1977.

## Kennco - DuPont Ag't. - formal Ag't 1976.

- 2 yrs later -

Expenditures to March 1978 of —

(Kennco's original cap. - \$80,000)

Net Proceeds I think to Kennco - 50%?  
after recovery of capital.

## Kierans Extentables

Original tonnage possibilities.

- trenching	- 150 m S.L.
	3 m W
2 x - Ray holes	20 m D.
S.G	2.7

Current add'l  
75 m ± below  
surface exposures.  
- Nothing

$$= 24,300 \text{ tonnes} = 26,778 \text{ tons}$$

- "PROBABLE RESERVES"?

within 90% of probable reserves  
calculated for by BHP for  
Shelwood -

- Commitment by DuPont re  
exploration expenditures.

Price of Au & Ag - 1970's?

## BAKER MINE

1980 - 83 Production      87,740 tons  
                                37,558 oz Au  
                                742,198 oz Ag

Recovered Grades -      0.428 oz/ton (-43%) Au  
-      0.46 oz/ton (-43%). Ag.

## ORIGINAL ANTICIPATED RESERVES & GRADES.

1979 - 104,766 tons      0.99 oz/ton Au  
                                19.84 oz/ton Ag.

## SPECIFIC GRAVITY - TONNAGE FACTORS

32 Core Samples - 1979 - ~~Avg~~ Range - 2.59 - 2.91.  
AVERAGE - 2.71.

Composite Sample - MET TEST      2.74

TONNAGE FACTORS      11.82 - 11.70 -

CHAPPELLE.

Ply Co program

1968 - Kenneco - Men get float  
thru  
arraged in '69.

1 Au 18 Ag  
1972 - A Vane stepped & sampled over  
725' stake length, 10' width

230 m.s.l.

3 m W.

20 m D - <sup>2x day</sup> 2 short dull holes - 104 & 73'.  
= 0-~~34,000 tonnes.~~  
38,000 tonnes.

Ave 1.0 ft ha 10 Ag. - 400 t p.v.p.

1 Au 18 Ag.

- Cost of grader to depth = 26,000 <sup>tons</sup>  
\$100,000.

55m + 80 1973 - Conduct Exploration on bedrock

~~200' dipping @ 540' el.  
on within 20' of surface of  
an slope.~~  
20-60'  
230m 760' VIG X-C & light - edit  
Collared 180' below surface exposures  
- zip - 1793' VIG d.d. - 11 holes

Exp = ~~\$100~~ \$410,000. (\$510,000)

- Oppen worked.  
- QV duffed on PSC st. An face caps. (46)

= 0.024 m<sup>3</sup>/ton

1974 - Dy. Port of Canada Engin (4d. of Davis  
from Kenneco - Mar 29/74 letter ag't  
Exp. of \$700 aggregating \$100,000 by Mar '77.

50.1% interest by placing property  
in production by end of '71.  
Recovery of all production expense + interest  
then 50-50 split of profits with Kenneco.

- 1974 program - 20 ddh - 7476'  
- \$155,000. exp. (\$665,000)

"Porous Limestone" - 63,620 tonnes 1.13 Au 18.99 Ag  
traded on Kenneco surface - graded surface  
sampling and 6 C. d. holes.

No cutting of values

Range - 0.16 Au 2.82 Ag to 2.57 Au 47.64 Ag  
16.5' 6.5'

1975 - 20 Dth - 8,143'  
Exp. - \$240,000. ( $\$900,000$ )

Only 2 holes yielded gold grades in A vein  
- 1 in main zone - added 10,000 tons.  
- 0.348, 2.59/5.0'  
10 blocks.

Vertical Range 71,966 tons 0.98 Au - Indicated?  
- 180' = 55m. 18.43 Ag. tonnage

No Cutting.

1976 ~~\$600,000~~ \$750,000.-  
U/G drifting & raising = 613' ( $\$1.5 \text{ M/cu m}$ )

53 surface samples - probability of surface blocks high  
- more dull holes added.

18 dull hole intercepts.

(\*) No stony Varies Cut - narrow intersections adjusted  
to maximum mining width.

~~150 ton cut off~~

Minable reserves -

\$75/ton Cut-off 53,566 tons 0.952 Au 21.70 Ag.  
(Au \$100/oz Ag \$4.50)

20% dilution

90% recovery

Surface Drilling

- 13 holes - 2496'.

U/G Drilling

7 holes - 1,95'.

T.F = 11.7 cu ft./ton = 3.0 S.G.?

## Revised Ag't - Du Pont - Keweenaw

Exploratory expenditures + placing property in production by Dec 31/81 - 100% cut-off  
~~plus = 50% of Net Proceeds.~~

### Feb '77 Prospects - Du Pont

DuPont work 1974-76

57 surface holes = 18,627 ft.

7 UG " <sup>195</sup> ~~193~~ ft.

613' UG sufficing & raising.

DuPont expenditures - \$1M. / 3 yrs

### May '79 Revenues - Keweenaw

28 full holes.

15 blocks - 70,884 tons 0.96% Au 20.14 Ag

@ \$145/ton cut-off (Au \$280.49 \$8,35)  
 + 10% dilution of grade.

Revised Keweenaw Revenues - '79 - 104,766 tons 0.99% Au

@ \$125/ton cut-off 9.84% Ag

### Surface Sampling

High Grade - 7.1 Au 86.0 Ag 16% 4.7% 38.0%  
 0.38 Au, 4.1 Ag 15%

0.046 Au 2 Ag 14'

0.011 Au 1.5 Ag 13.8'

0.008 0.35 Ag 12.8'

0.008, 0.35 Ag