

000609

## VANGORDA PIT - OPENING AND CLOSING GEOLOGICAL AND MINING RESERVES

PIT GEOLOGICAL RESERVES 4% CUTOFF

(no mining loss or adjustments)

	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
1989 Starting Reserves -	8,161,000	8.67	3.79	4.88	54.0	0.76
1990 July 1 Reserves -	8,470,680	8.15	3.58	4.57	52.0	0.77
Difference	3.66	-6.38	-5.87	-6.78	-3.85	1.3

EXPLANATION

Drilling of 63 additional diamond drill holes in 1988.  
 New interpretation of the Vangorda orebody.  
 Completion of new 3D block model (V8912) in December 1989.  
 Major Modelling differences are:  
 -Bench composites rather than geological composites used for grade interpolations.

PIT MINING RESERVES 4% CUTOFF

(95% mining recovery)

	Tonnes	%Pb+Zn	%Pb	%Zn	Ag	Au
1989 Starting Reserves -	6,935,000	8.00	3.49	4.51	49.7	0.65
1990 July 1 Reserves -	5,669,000	8.96	3.94	5.02	56.4	0.79
Difference	-22.33	10.71	11.92	10.16	11.88	17.72

EXPLANATION

Drilling of 63 additional diamond drill holes in 1988.  
 New interpretation of the Vangorda orebody.  
 Completion of new 3D block model (V8912) in December 1989.  
 New Ultimate Pit design completed in December 1989.

It is important to note that the current geological  
Vansco<sup>th</sup> reserve estimate is calculated under the pretense that  
mining selectivity at Nungunda is attainable. ~~Should~~  
The ~~field~~ ~~will~~ ~~if~~ ~~this~~ ~~select~~ ~~the~~ ~~successful~~  
the ~~planning~~