

## ION VINTILA'S FINAL PIT DESIGN

August 19, 1988

007267

## 8607 MODEL

Grade	Volume	Density (tn/bcm)	Tonnes	Pb+Zn ( % )	Pb ( % )	Zn ( % )	Ag (g/t)	Au (g/t)	Tonnes Pb	Tonnes Zn	kg Ag	kg Au
+4%	1,536,510	3.67	5,640,180	9.36	4.08	5.28	57.6	0.68	229,921	297,827	325,093	3,829
4-5%	168,280	3.15	530,040	4.48	1.99	2.49	29.0	0.63	10,542	13,193	15,362	334
+5%	1,368,230	3.74	5,110,140	9.86	4.29	5.57	60.6	0.68	219,378	284,635	309,731	3,495

## 8803 MODEL

Grade	Volume	Density (tn/bcm)	Tonnes	Pb+Zn ( % )	Pb ( % )	Zn ( % )	Ag ( g/t )	Au ( g/t )	Tonnes Pb	Tonnes Zn	kg Ag	kg Au
+4%	1,629,710	3.92	6,387,740	9.15	4.01	5.15	56.7	0.75	255,953	328,708	362,133	4,819
4-5%	148,040	3.20	474,420	4.48	1.96	2.52	26.7	0.57	9,308	11,932	12,680	272
+5%	1,481,650	3.99	5,913,320	9.53	4.17	5.36	59.1	0.77	246,645	316,777	349,454	4,547

## Difference ( 8803 - 8607 )

+4%	93200	0.25	747560	-0.20	-0.07	-0.13	-0.9	0.08	26,032	30,881	37,041	990
4-5%	-20220	0.05	-55620	-0.00	-0.03	0.03	-2.3	-0.06	(1,234)	(1,261)	(2,682)	(62)
+5%	113420	0.26	803180	-0.33	-0.12	-0.21	-1.5	0.08	27,266	32,142	39,723	1,052

## % Difference ( 8803 - 8607 ) / 8607

+4%	6.1%	6.8%	13.3%	-2.2%	-1.7%	-2.5%	-1.6%	11.1%	11.3%	10.4%	11.4%	25.9%
4-5%	-12.0%	1.7%	-10.5%	-0.0%	-1.4%	1.0%	-7.8%	-9.0%	-11.7%	-9.6%	-17.5%	-18.6%
+5%	8.3%	6.9%	15.7%	-3.4%	-2.8%	-3.8%	-2.5%	12.4%	12.4%	11.3%	12.8%	30.1%