BRIAN:

007269

This comparison is for high grade (+6% PB +Zn) millfeed material mined in 1991 from Vangorda.

Similar trends have continued into 1992.

Note the much higher than predicted grades indicated by production blasthole sampling.

This is attributable to more effective grade control giving less dilution than predicted by the long range diluted models.

If the trend continues, we will likely make adjustments to our forecasts and blend more mined low grade material and still meet budgeted head grades.

VANGORDA 1991 YEAR TO DATE BENCH RECONCILIATION

(BUDGET RESERVES)

GEOMODEL POLYGONAL CALCULATION
– Diluted with a 90% Mining Recovery

% PREDICTED RESERVE MINED
*Blasthole/Geomodel*100*

(LONG RANGE RESERVES)

FCMINE V9009 BLOCK MODEL
– Diluted 15% with an 90% Mining Recovery

% PREDICTED RESERVE MINED
*Blasthole/Fcmine*100*

MINED ACCORDING TO BLASTHOLES

Bench	Volume	Tonnage		%Pb	%Zn	t Pb	t Zn	%Vol	%t	Pb	Zn	t Pb	t Zn	Volume	Tonnage	%Pb	%Zn	t Pb	t Zn	%Vol	%t	Pb	Zn	t Pb	t Zn	Volume	Tonnage	%Pb	%Zn	t Pb	t Zn
1146	0		0	0	0	0	0	0	0	0	0	0	0	570	2,490	5.64	5.56	140	138	0	0	0	0	0	0	0	0	0	0	0	0
1140	972	3,8	7	4.96	4.56	193	177	0	0	0	0	0	0	7,397	29,758	4.30	4.77	1,281	1,419	0	0	0	0	0	0	0	0	0	0	0	0
1134	41,730	166,9	9	3.20	3 84	5,341	6,410	59	58	136	133	79	77	59,199	226,394	3.49	4.28	7,895	9,691	41	43	125	119	53	51	24,526	96,492	4.36	5.10	4,207	4,921
1128	92,405	369,6	9	3.72	4.68	13,735	17,284	103	102	113	98	114	100	104,761	422,829	3.88	4.69	16,397	19,818	91	89	108	98	96	87	95,156	375,280	4.18	4.60	15,696	17,265
1122	66,015	258,6	4	4.25	5.01	10,987	12,968	119	119	112	106	134	126	82,138	327,082	4.03	4.82	13,170	15,778	95	94	118	110	112	103	78,313	308,275	4.77	5.30	14,700	16,324
1116	75,507	286,8	7	3.38	4.34	9,687	12,460	94	97	130	128	126	124	80,814	316,078	3.21	4.13	10,155	13,067	88	88	137	135	120	118	71,318	277,401	4.39	5.58	12,178	15,471
1110	68,601	259,1	3	3.61	4.84	9,353	12,531	114	114	121	111	138	127	79,923	314,267	3.74	5.02	11,746	15,786	95	94	117	107	110	100	75,967	295,172	4.38	5.37	12,930	15,861
1104	8,474	33,0	1	3.27	4.50	1,079	1,484	86	90	124	119	112	107	10,992	43,781	3 33	4.54	1,457	1,988	66	68	122	117	83	80	7,284	29,856	4.06	5 33	1,212	1,591
TOTAL	351,704	1,378,1	0	3.66	4.59	50,375	63,314	100	100	121	112	121	113	425,794	1,682,679	3.70	4.62	62,241	77,685	83	82	119	112	98	92	352,564	1,382,476	4.41	5.17	60,923	71,433

– Geomodel tonnages and volume have been diluted the same as the budget.
– Small equipment mining tonnages have been excluded from geomodel values.