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E:\PMDBFB\MODREC.WR1 DELL 325 OCTOBER 22 1990 M. WASEL

MODEL RECONCILIATION WITH ACTUAL BLAST HOLE RESERVE ESTIMATES.

- Model Totals Have Been Adjusted For a 95% Mining Recovery.

- Blasthole data has been corrected to correspond to month end pickup dates.

F9008 INTERPRETATION

F9003 INTERPRETATION

BLASTHOLE INVENTORY

HCR 6.00 TO 66.00 PB+ZN

HCR 6.00 TO 66.00 PB+ZN

HCR 6.00 TO 66.00 PB+ZN

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3450	S	17,385	8.27	1,438
AUG./90	3430	S	150,167	8.89	13,350
AUG./90	3650	E	55,233	7.01	3,872
AUG./90	3630	E	11,248	6.53	734
AUG./90	3610	E	6,394	7.49	479

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3450	S	20,370	8.69	1,770
AUG./90	3430	S	179,040	8.53	15,267
AUG./90	3670	E	2,140	6.47	138
AUG./90	3650	E	66,210	7.01	4,643
AUG./90	3630	E	7,250	7.24	525
AUG./90	3610	E	15,290	6.39	977

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3430	S	153,779	9.00	13,840
AUG./90	3650	E	77,413	7.74	5,992
AUG./90	3630	E	5,969	10.40	621
AUG./90	3610	E	19,943	9.66	1,926

TOTAL HCR FOR MONTH 228,406 8.27 18,879

TOTAL HCR FOR MONTH 275,785 8.03 22,154

TOTAL HCR FOR MONTH 257,104 8.70 22,379

SEPT/90	3650	E	15,350	7.00	1,075
SEPT/90	3630	E	49,900	7.03	3,509
SEPT/90	3610	E	36,450	6.82	2,485
SEPT/90	3590	E	2,510	6.40	161
SEPT/90	3450	S	4,560	9.05	413
SEPT/90	3430	S	93,050	8.10	7,535

SEPT/90	3650	E	7,880	6.19	488
SEPT/90	3630	E	60,400	6.72	4,060
SEPT/90	3610	E	14,510	6.66	966
SEPT/90	3590	E	3,760	6.93	261
SEPT/90	3450	S	7,820	8.93	698
SEPT/90	3430	S	81,170	7.83	6,356

SEPT/90	3630	E	71,651	7.34	5,259
SEPT/90	3430	S	52,307	8.87	4,640
					0
					0
					0
					0

TOTAL HCR FOR MONTH 191,729 7.52 14,419

TOTAL HCR FOR MONTH 166,763 7.31 12,188

TOTAL HCR FOR MONTH 123,958 7.99 9,899

MED 5.00 TO 6.00 PB+ZN

MED 5.00 TO 6.00 PB+ZN

MED 5.00 TO 6.00 PB+ZN

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3450	S	2,109	5.56	117
AUG./90	3430	S	10,526	5.66	596
AUG./90	3650	E	32,272	5.46	1,762
AUG./90	3630	E	22,772	5.43	1,237
AUG./90	3610	E	6,394	5.18	331

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3450	S	3,080	5.79	178
AUG./90	3430	S	11,750	5.69	669
AUG./90	3670	E	6,810	5.40	367
AUG./90	3650	E	49,200	5.54	2,727
AUG./90	3630	E	13,910	5.30	737
AUG./90	3610	E	10,920	5.65	616
AUG./90	3590	E	8,530	5.46	466

MONTH	BENCH	PHASE	TONNES	ZPB+ZN	t Metal
AUG./90	3430	S	78,263	5.93	4,641
AUG./90	3650	E	28,486	5.57	1,587
AUG./90	3630	E	68,932	6.16	4,246
AUG./90	3610	E	2,192	6.41	141

TOTAL MED FOR MONTH 70,369 5.46 3,841

TOTAL MED FOR MONTH 98,990 5.53 5,472

TOTAL MED FOR MONTH 177,873 5.97 10,614

SEPT/90	3650	E	23,940	5.49	1,314
SEPT/90	3630	E	43,440	5.63	2,447
SEPT/90	3610	E	26,670	5.59	1,491
SEPT/90	3590	E	5,310	5.44	289
SEPT/90	3450	S	3,420	5.46	187
SEPT/90	3430	S	34,690	5.64	1,956

SEPT/90	3650	E	46,100	5.52	2,544
SEPT/90	3630	E	31,970	5.45	1,741
SEPT/90	3610	E	29,380	5.44	1,599
SEPT/90	3590	E	4,780	5.53	264
SEPT/90	3450	S	1,280	5.61	72
SEPT/90	3430	S	46,260	5.59	2,585

SEPT/90	3630	E	67,131	5.93	3,981
SEPT/90	3610	E	34,088	6.18	2,107
SEPT/90	3430	S	50,692	6.16	3,123
					0
					0

H.G.

M.G.

TOTAL MEDIUM FOR MONTH	130,597	5.59	7,300		TOTAL MEDIUM FOR MONTH	151,782	5.51	8,366		TOTAL MEDIUM FOR MONTH	151,911	6.06	9,210	
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LOW 3.00 TO 5.00 PB+ZN					LOW 3.00 TO 5.00 PB+ZN					LOW 3.00 TO 5.00 PB+ZN				
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MONTH	BENCH	PHASE	TONNES	XPB+ZN	t Metal		MONTH	BENCH	PHASE	TONNES	XPB+ZN	t Metal		MONTH	BENCH	PHASE	TONNES	XPB+ZN	t Metal		
AUG./90	3450	S	817	4.32	35		AUG./90	3450	S	1,090	4.13	45		AUG./90	3430	S	9,532	4.56	435		
AUG./90	3430	S	5472	4.59	251		AUG./90	3430	S	1,180	4.86	57		AUG./90	3650	E	38,798	4.58	1,777		
AUG./90	3650	E	45192	4.03	1,821		AUG./90	3670	E	12,810	4.63	593		AUG./90	3630	E	57,616	4.32	2,489		
AUG./90	3630	E	58672	4.38	2,570		AUG./90	3650	E	30,050	4.20	1,263									
AUG./90	3610	E	9595	4.31	414		AUG./90	3630	E	96,910	4.36	4,220									
							AUG./90	3610	E	13,450	4.41	593									

TOTAL LOW FOR MONTH	113,761	4.25	4,837		TOTAL LOW FOR MONTH	147,716	4.36	6,434		TOTAL LOW FOR MONTH	105,946	4.44	4,701	
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SEPT/90	3650	E	19,550	4.14	810		SEPT/90	3650	E	4,940	4.67	231									
SEPT/90	3630	E	20,140	4.44	894		SEPT/90	3630	E	44,320	4.43	1,961		SEPT/90	3630	E	14,332	4.44	636		
SEPT/90	3610	E	21,770	4.36	949		SEPT/90	3610	E	36,210	4.36	1,577		SEPT/90	3610	E	21,770	4.36	949		
SEPT/90	3590	E	1,390	4.50	63		SEPT/90	3590	E	2,660	4.37	116		SEPT/90	3430	S	34,266	4.27	1,463		
SEPT/90	3430	S	21,270	4.35	924		SEPT/90	3430	S	23,180	4.33	1,004									

TOTAL LOW FOR MONTH	79,914	4.33	3,458		TOTAL LOW FOR MONTH	105,745	4.39	4,645		TOTAL LOW FOR MONTH	70,368	4.33	3,049	
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AUGUST TOTALS

F9008						F9003								TOTAL FOR MONTH	540,923	6.97	37,694
TOTAL FOR MONTH	412,536	6.68	27,556			TOTAL FOR MONTH	522,491	6.52	34,059								

		TONNES	XPB+ZN	METAL	
DIFFERENCE BETWEEN F9008 AND BLASTHOLE ESTIMATES	(128,387)		7.90	(10,138)	
DIFFERENCE BETWEEN F9003 AND BLASTHOLE ESTIMATES	(18,433)		19.72	(3,635)	

SEPTEMBER TOTALS

TOTAL FOR MONTH	402,240	6.26	25,177		TOTAL FOR MONTH	424,289	5.94	25,199		TOTAL FOR MONTH	346,237	6.40	22,158
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		TONNES	XPB+ZN	METAL	
DIFFERENCE BETWEEN F9008 AND BLASTHOLE ESTIMATES	56,003		5.39	3,019	
DIFFERENCE BETWEEN F9003 AND BLASTHOLE ESTIMATES	78,052		3.90	3,041	

YEAR TO DATE TOTALS

What about 5%+.

All ORE 3%+

F4008

F9003

BLASTHOLE.

YEAR TO DATE	814,775	6.47	52,733	YEAR TO DATE	946,780	6.26	59,258	YEAR TO DATE	887,160	6.75	59,852
	TONNES		SPB+ZN	METAL							
DIFFERENCE BETWEEN F9008 AND BLASTHOLE ESTIMATES	(72,385)		9.83	(7,119)							
DIFFERENCE BETWEEN F9003 AND BLASTHOLE ESTIMATES	59,620		(1.00)	(593)							

Btt gain BH loss!

() = gain