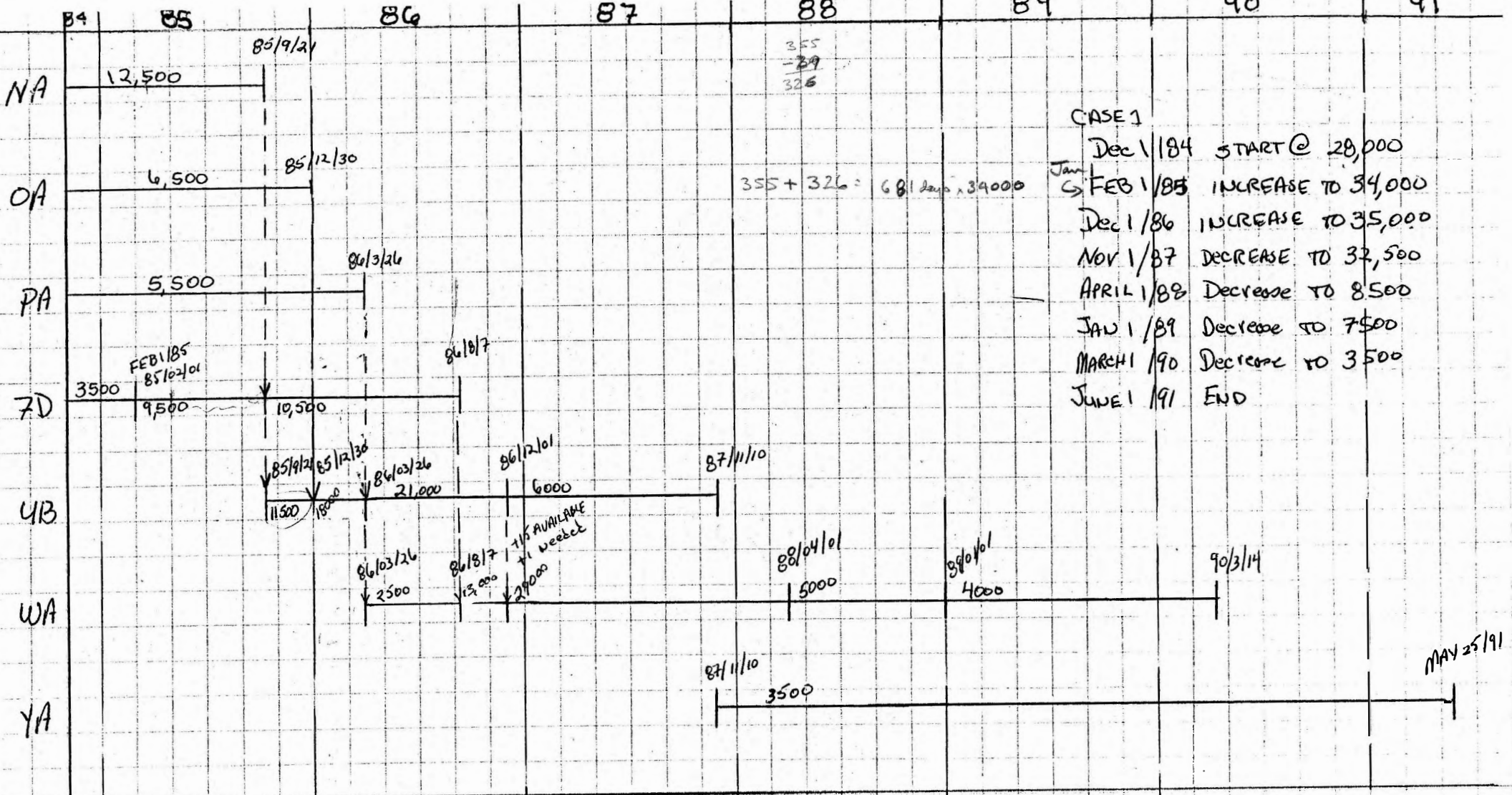


THIS PLAN WAS DEVELOPED BY DICK HOGAN (SENIOR ENGINEER)
AND IS BASED ON A DEC. 1, 1984 MILL STARTUP.

OXIDE ore from the stockpile is scheduled for milling first.

Phases scheduled are NA, OA, PA, FD, UB, WA, YA.

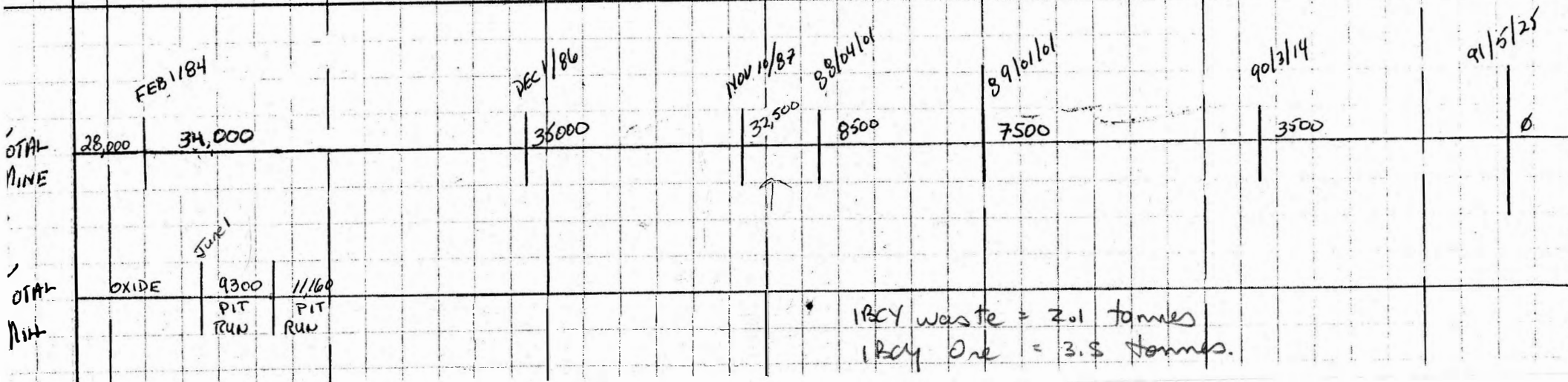
INCLUDED IS A ROUGH SCHEDULE, DRILL FORECAST with the small patterns in the harder rock, schedule for trucks, shovels and drills with number of operators required and schedule of production dates.



355
-29
326

$355 + 326 = 681 \text{ days} \times 39000$

CASE 1
 Dec 1/84 START @ 28,000
 Jan 5 FEB 1/85 INCREASE TO 34,000
 Dec 1/86 INCREASE TO 35,000
 Nov 1/87 DECREASE TO 32,500
 APRIL 1/88 DECREASE TO 8500
 JAN 1/89 DECREASE TO 7500
 MARCH 1/90 DECREASE TO 3500
 JUNE 1/91 END



Received Sept 6, 1984
 Preliminary Report which
 has not yet been
 reviewed by Cyprus Anvil.

TABLE 3.1
 ZONE 3 - MINE PLAN TONNAGE & GRADE
 CYPRUS ANVIL MINE

	Mining Rate/Day Total Material BCY	Total Ore/Day Metric Tonnes	Total Waste BCY/Day	Total Waste Metric Tonnes/ Day	S/R	% Zn	% Pb	Ag Grams Per Tonne	Tonnes Ore From Pit Per/Year (000)	Total Tonnes Waste/ Year (000)	In-Pit Tonnes Ore Remaining Year End (000)	In-Pit Tonnes Waste Remaining Year End (000)	Remaining S/R
1984 - Nov 1 to End of Year (61 Days)	34,000	SP 7,000*	34,000	71,400	---				(SP 427)	4355 **	26,675	38,964,286 BCY 81,825	3.07:1
1985 - Jan 1 to Apr 17 (105 Days)	34,000	SP 9,300*	34,000	71,400	---				(SP 973) (SP 1,400)*	7,497	26,675	74,328	2.79:1
Apr 18 to Sept 22 (154 Days)	34,000	9,300 2657	31,343	65,820	7.08:1	4.4	2.7	36.7	1,432	10,136	25,243	64,192	2.54:1
Sept 23 to Dec 31 (96 Days)	34,000	11,473 ³²⁷⁸	30,722	64,516	5.62:1	4.4	2.7	36.7	1,102 2,534	6,194 23,827	24,141	57,998	2.40:1
1986 (355 Days)	34,000	11,473 ³²⁷⁸	30,722	64,516	5.62:1	4.4	2.9	33.4	4,073	22,903	20,068	35,095	1.75:1
1987 (355 Days)	32,750	11,473 ³²⁷⁸	29,472	61,891	5.39:1	4.0	2.8	35.7	4,073 81.6% → Σ = 9930	21,971	15,995	13,124	0.82:1
1988 (355 Days)	15,000	11,473 ³²⁷⁸	11,722	24,616	2.15:1	4.5	3.4	45.3	4,073	8,739	11,922	4,385	0.37:1
1989 (355 Days)	5,500	11,473	2,222	4,666	0.41:1	4.7	3.2	40.2	4,073	1,656	7,849	2,729	0.35:1
1990 (355 Days)	5,500	11,473	2,222	4,666	0.41:1	4.6	3.0	35.8	4,073	1,656	3,776	1,073	0.28:1
1991 (329 Days)	4,831	11,473	1,553	3,261	0.28:1	4.1	2.4	26.6	3,776	1,073	-	-	-
									TOTAL PIT ORE	26,675	81,825		
									TOTAL PIT AND STOCKPILE	28,075			

* Material supplied to mill from high grade and low grade stockpiles

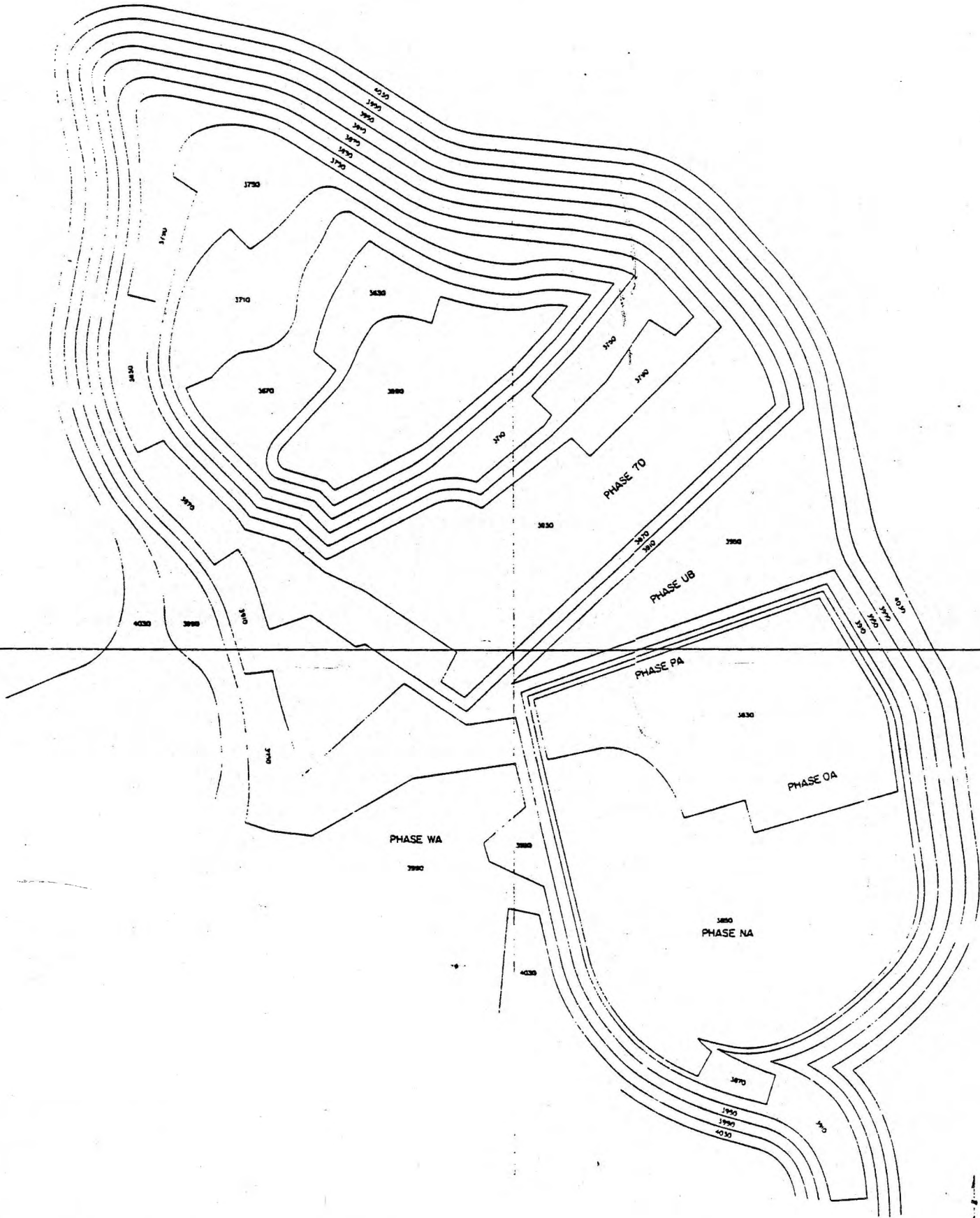
** 4,355,000 tonnes of waste are scheduled for mining in November and December 1984.

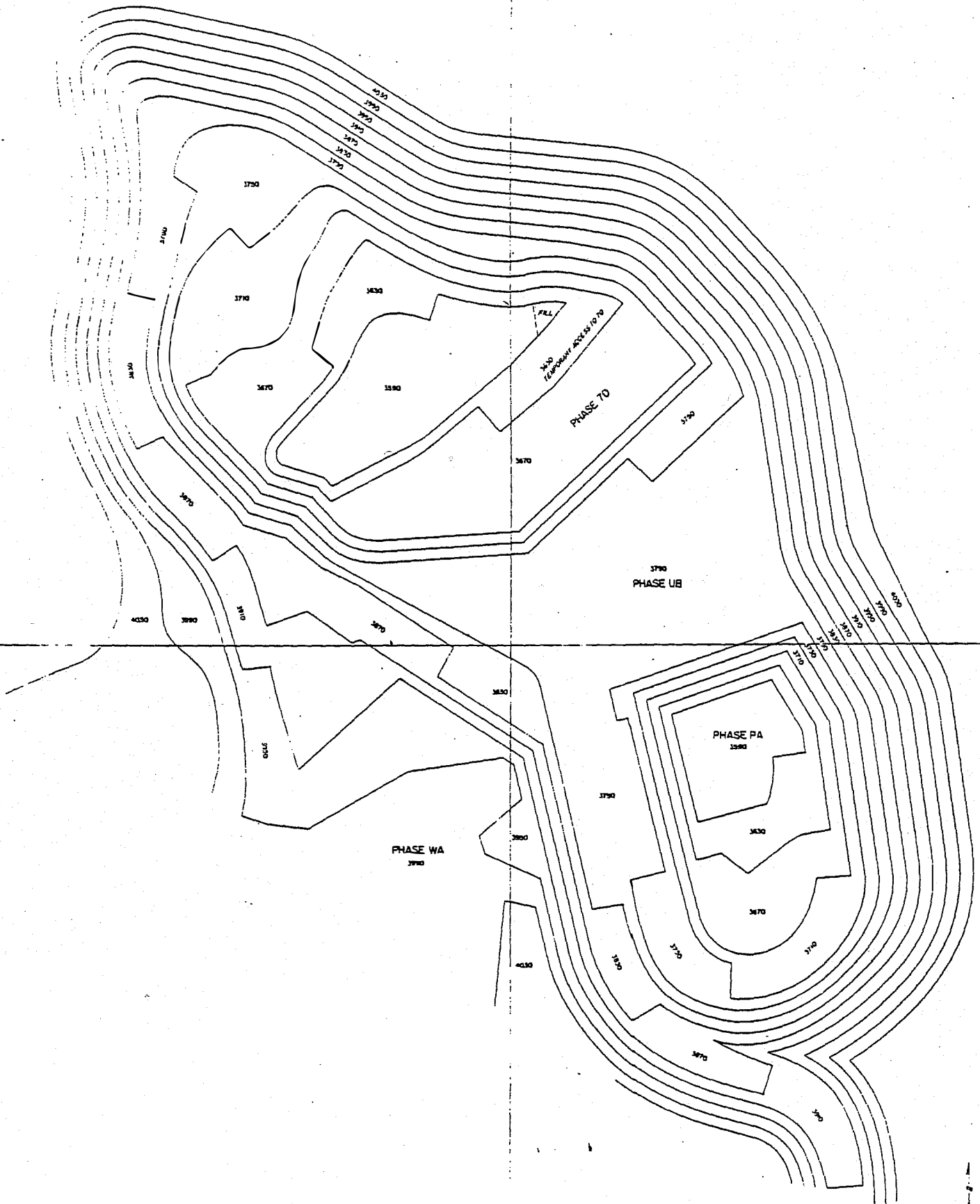
BCY x 2.1 = tonnes (waste)

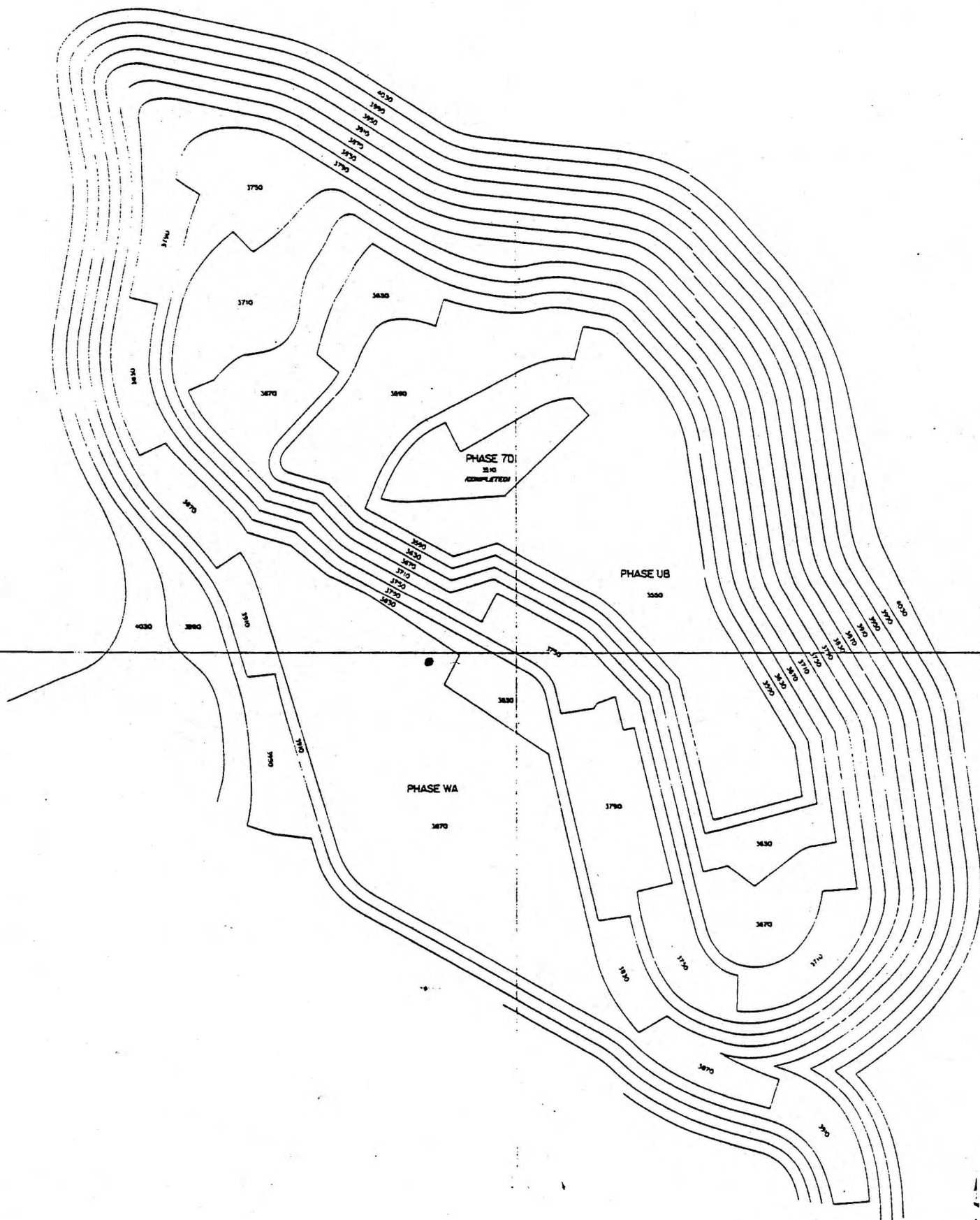
3278 BCY = 11,473 tonnes
 1 BCY Ore = 3.5 tonnes

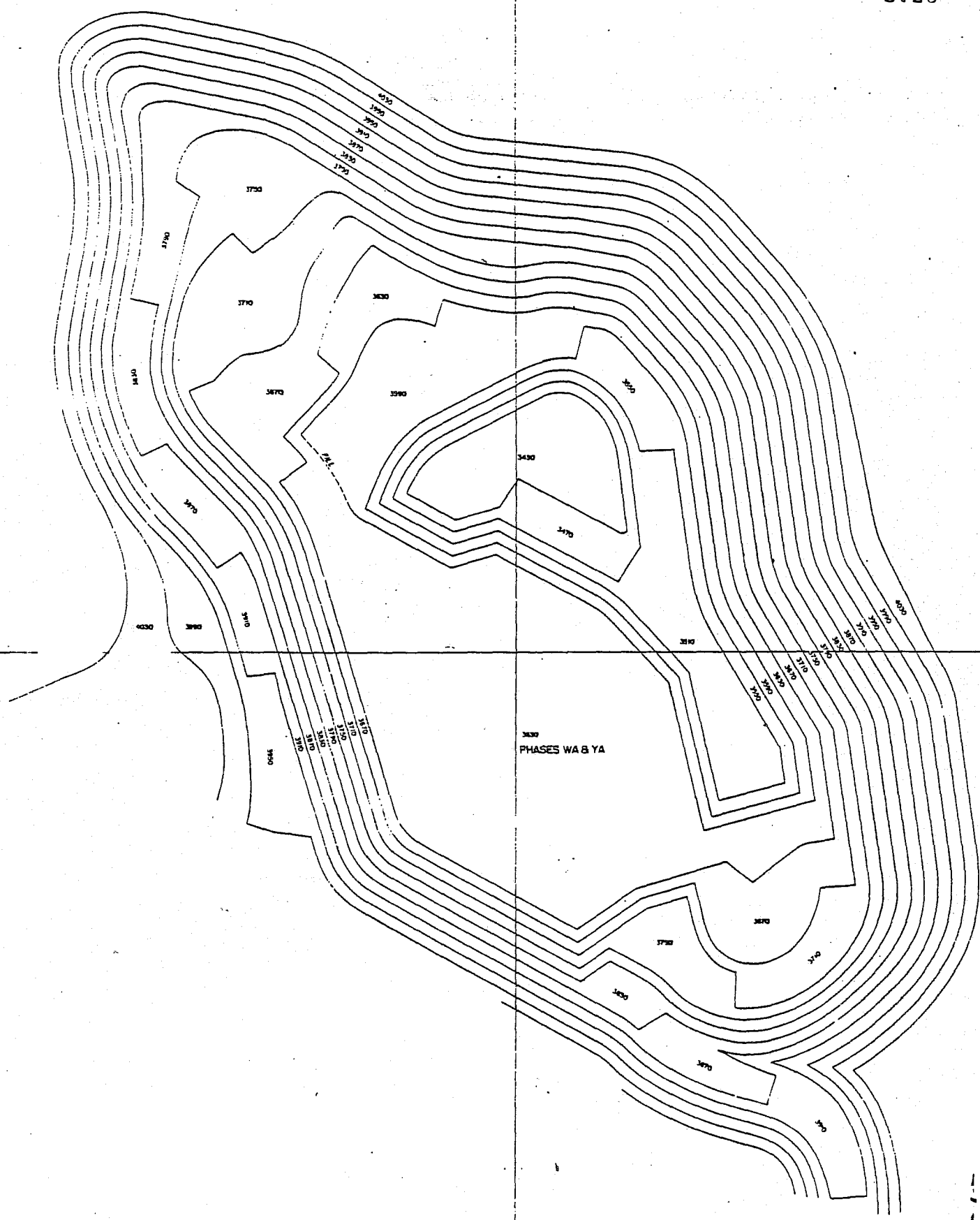
1 BCY waste = 2.1 tonnes waste
 1 BCY Ore = 3.5 tonnes ore

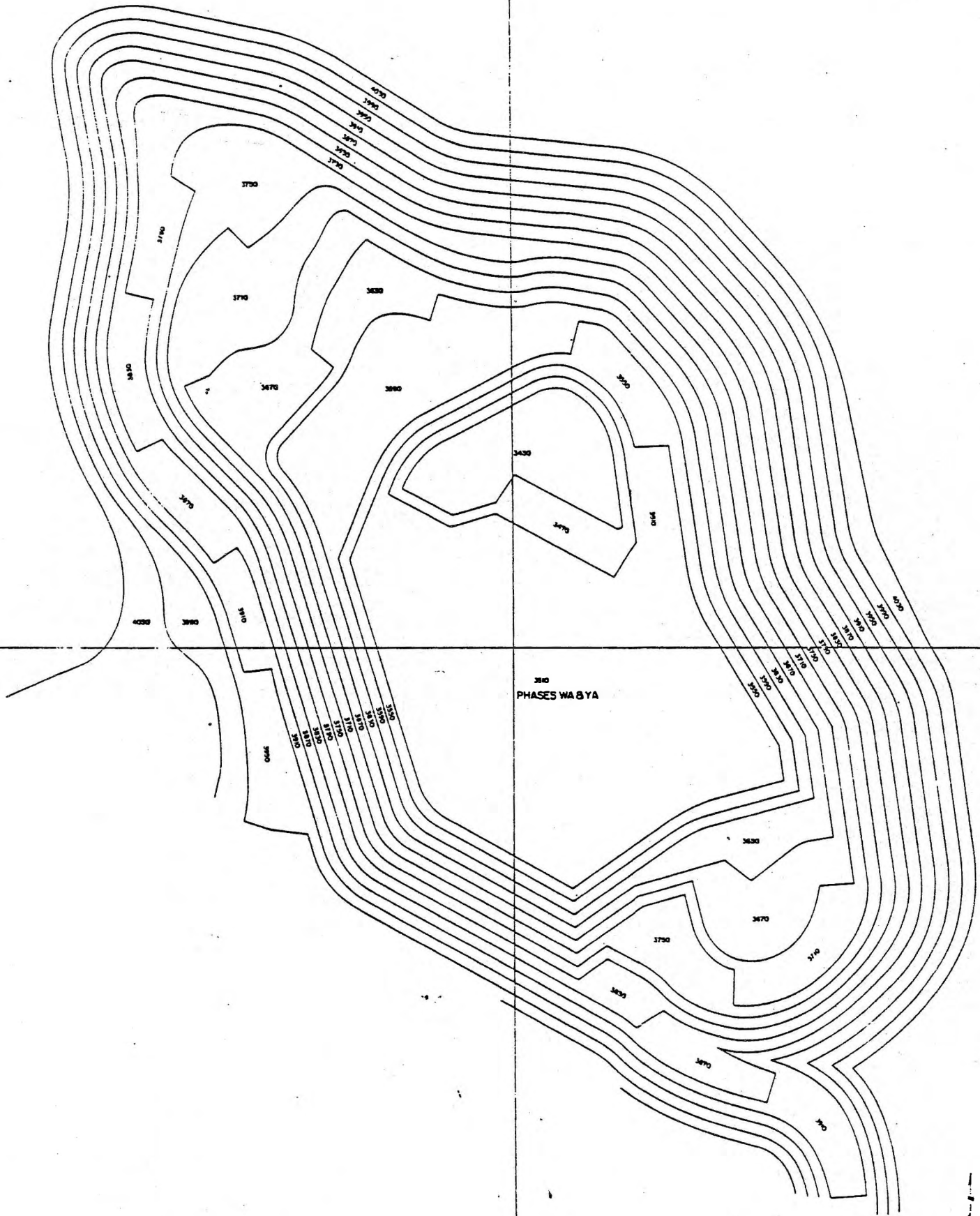
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 .
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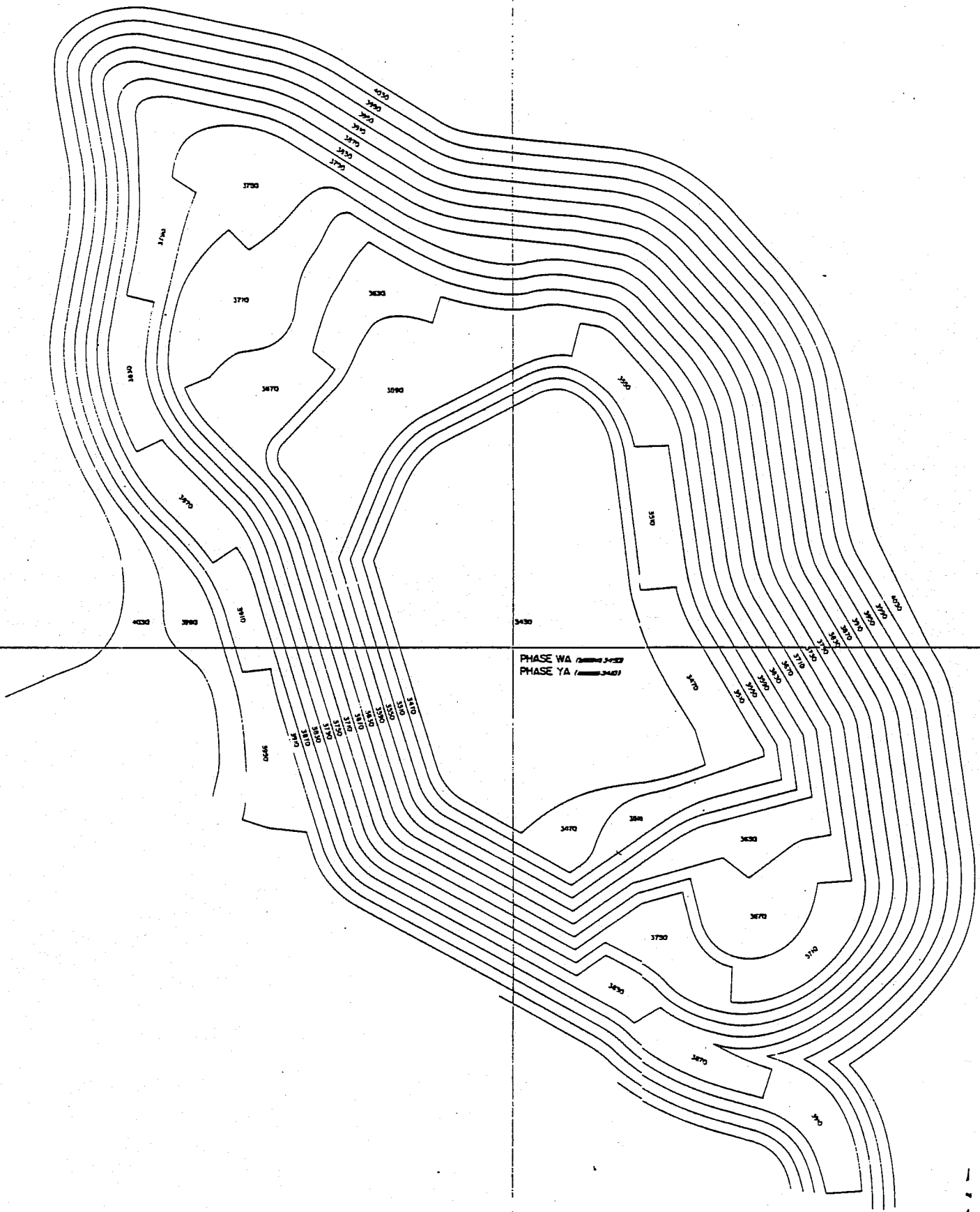




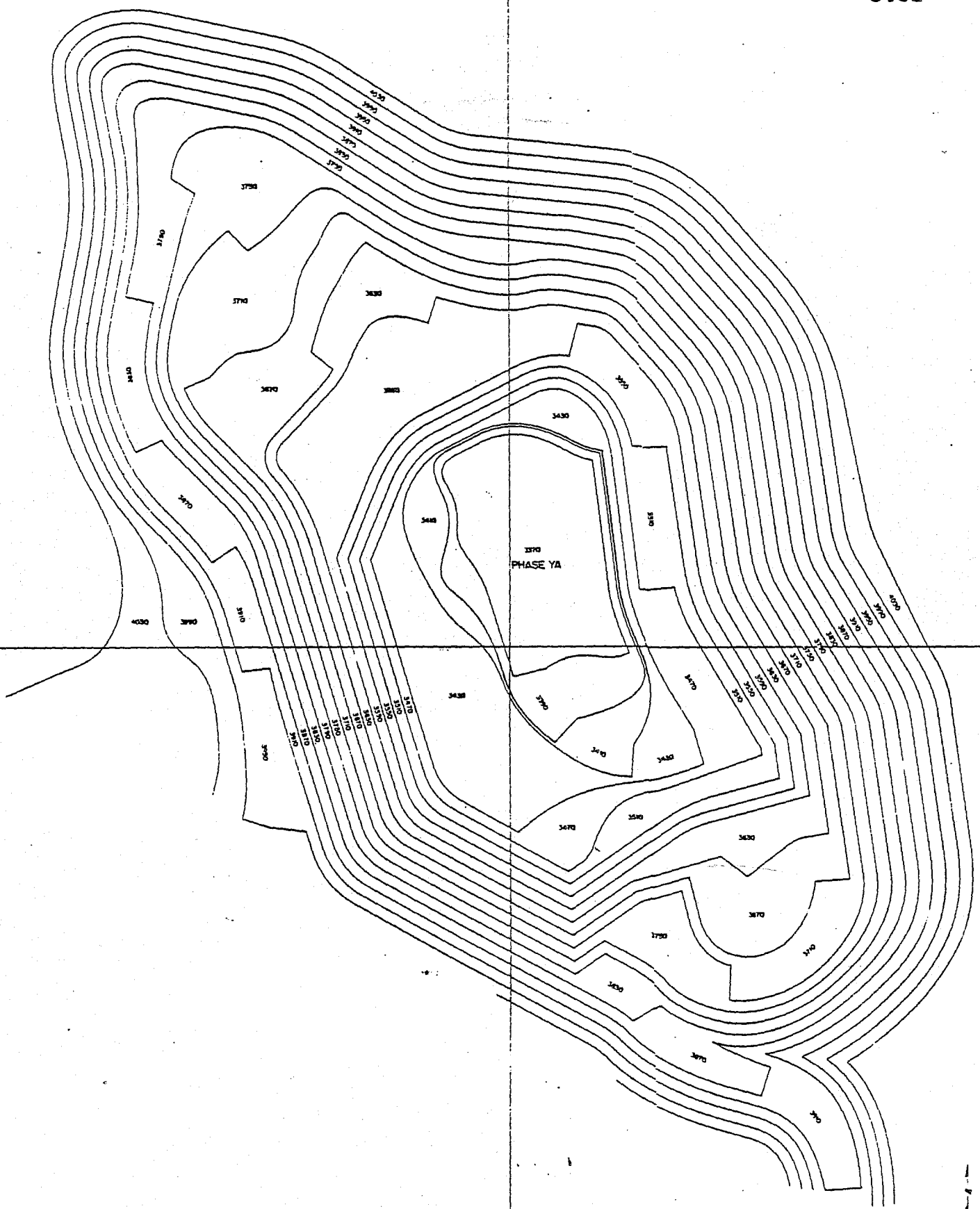


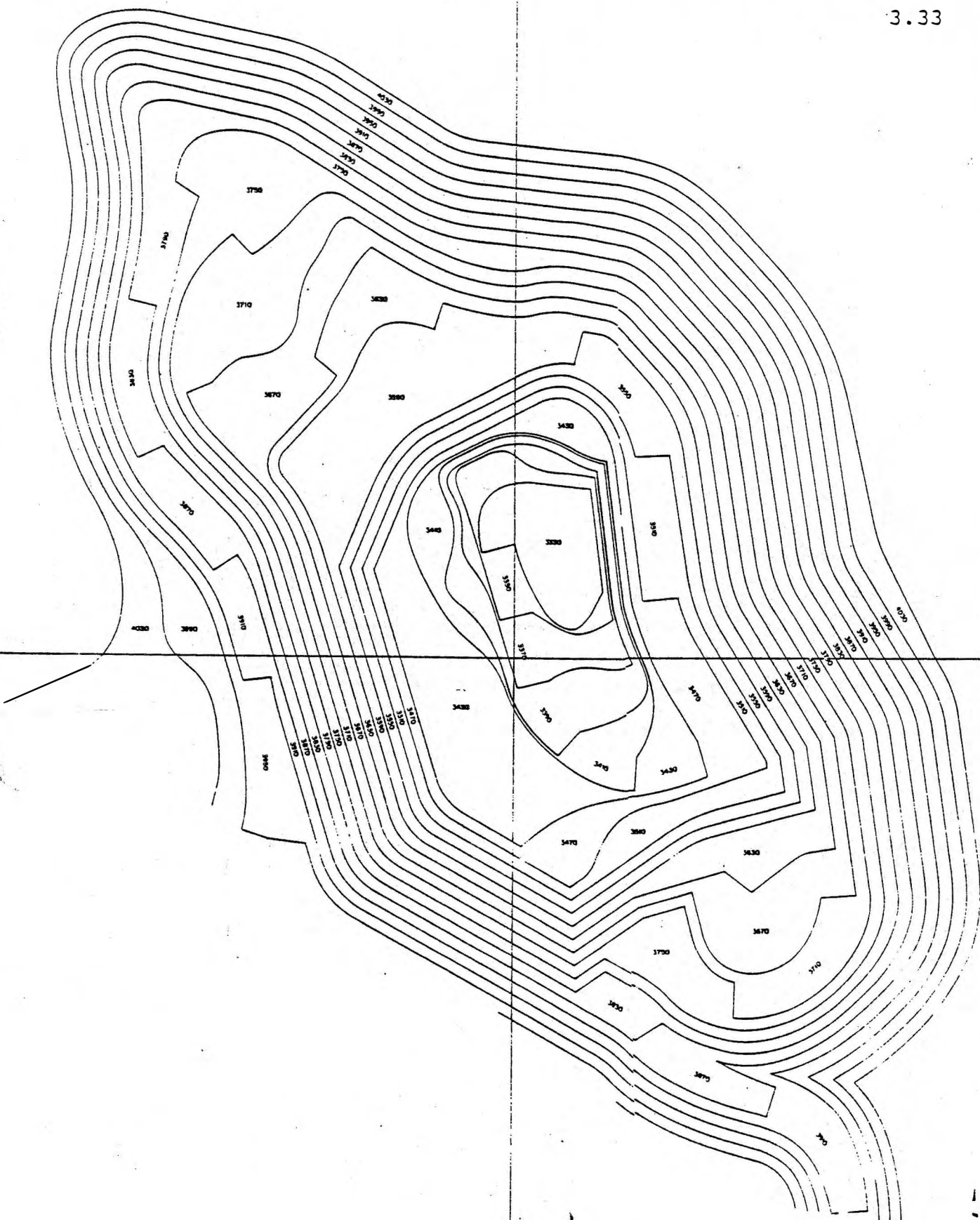


PHASES WA BYA



PHASE WA (1988-1990)
PHASE YA (1988-1990)





DOME PETROLEUM	
CIVIL ENGINEERING	
END OF MAY 1991	
(FINAL PIT)	
PROJECT: [illegible]	
DATE: [illegible]	
DRAWN BY: [illegible]	
CHECKED BY: [illegible]	
APPROVED BY: [illegible]	

DRILLING FORECAST FOR 1984

	JULY			AUGUST			SEPTEMBER			4TH		
	23x23	25x25	27x27	23x23	25x25	27x27	23x23	25x25	27x27	23x23	25x25	27x27
PERCENT SPLIT				10	90	0	30	60	10	60	35	5
ACTUAL VOLUME (BCY)				61,500	553,500	0	200,100	400,200	66,700	1,495,200	872,200	124,600
BCY/HOLE				750	900	1000	750	900	1000	750	900	1000
PRODUCTION HOLES				82	615	0	267	445	67	1994	969	125
FOOTAGE PER HOLE				46	45	45	46	45	45	46	45	45
PRODUCTION FOOTAGE				3772	27675	0	12282	20025	3015	91724	43605	5625
PERCENT FROST HOLES				0	0	0	0	0	0	1	1	1
FROST HOLES				0	0	0	0	0	0	917	436	56
FOOTAGE PER HOLE				6	6	6	6	6	6	6	6	6
FROST HOLE FOOTAGE				0	0	0	0	0	0	5502	2616	336
TOTAL NEW FOOTAGE				3772	27675	0	12282	20025	3015	97226	46221	5961
DRILL ADJUSTMENT				1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
TOTAL ACTUAL FOOTAGE				3961	29059	0	12896	21026	3166	102087	48532	6259
DRILL MECH. AVAIL.				.75	.75	.75	.75	.75	.75	.75	.75	.75
DRILL OPER. EFF.				.80	.80	.80	.80	.80	.80	.90	.90	.90
DRILL HOURS PER SHIFT				8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
DRILL PENETRATION RATE				48 _{0.8}	96 _{1.5}	192 _{3.2}	48	96	192	48	96	192
FOOTAGE PER SHIFT				376	684	1163	376	684	1163	376	684	1163
DRILL SHIFTS REQUIRED				11	43	0	34	31	3	272	71	5
TOTAL SHIFTS REQ'D.					54			68			348	
DRILLERS PER DRILLER					15			14.5			44	
DRILLERS REQ'D.					3.6			4.7			7.9	
HOURS FOR DRILL					56			54			165	
DRILLS REQ'D.					1.0			1.3			2.1	

EQUIPMENT / MANPOWER STATISTICS FOR 1984-1985 BUDGET CALCULATIONS WITH A DEC 1, 1984 STARTUP

EQUIPMENT:

DATE	TRUCKS		SHOVELS	DRILLS
	FUCHIDS	WABCOS		
Aug 84	No change		No change	No change
Sept 84	No change		No change	No change
Oct. 84 (28,000 BCF/DAY)	8 TRUCKS 6 DRIVERS	5 TRUCKS 4 DRIVERS	4 SHOVELS 3 OPERATORS	2 DRILLS 2 OPERATORS
Nov. 84	8 TRUCKS 6 DRIVERS	5 TRUCKS 4 DRIVERS	4 SHOVELS 3 OPERATORS	2 DRILLS 2 OPERATORS
Dec 84 (OXIDE STARTS)	8 TRUCKS 6 DRIVERS	7 TRUCKS 5 DRIVERS	4 SHOVELS 3 OPERATORS	2 DRILLS 2 OPERATORS
Jan. 85	8 TRUCKS 6 DRIVERS	8 TRUCKS 6 DRIVERS	4 SHOVELS 3 OPERATORS	2 DRILLS 2 OPERATORS
Feb. 85 (34,000 BCF/DAY)	8 TRUCKS 6 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
MARCH 85	8 TRUCKS 6 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
APRIL 85	8 TRUCKS 6 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
MAY 85 (PIT ORE STARTS)	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
JUNE 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
JULY 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
Aug 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
Sept 85 (11,600 MT PIT ORE)	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
Oct 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
Nov 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS
Dec 85	8 TRUCKS 7 DRIVERS	9 TRUCKS 7 DRIVERS	4 SHOVELS 3 OPERATORS	3 DRILLS 3 OPERATORS

PRODUCTION STATISTICS FOR 1984-1985 BUDGET CALCULATIONS WITH A DEC 1, 1984 STARTUP.

PRODUCTION:

<u>DATE:</u>	<u>MINE (BCY/DAY)</u>	<u>MILL (TONNES/DAY)</u>
August/84	20,500	-
SEPTEMBER/84	23,000	-
OCTOBER 184	28,000	-
NOVEMBER 184	28,000	-
December/84	28,000	4500 OXIDE
January 185	28,000 30	9,300 OXIDE
February 185	34,000	9,300 OXIDE
March 185	34,000	9,300 OXIDE
APRIL 185	34,000	9,300 OXIDE
MAY 185	34,000 325	9,300 PIT ORE
JUNE 185	34,000	9,300 PIT ORE
JULY 185	34,000	9,300 PIT ORE
August 185	34,000	9,300 PIT ORE
September 185	34,000	11,160 PIT ORE
OCTOBER 185	34,000	11,160 PIT ORE
November 185	34,000	11,160 PIT ORE
December 185	34,000	11,160 PIT ORE

1985 = 11,890,000 BCY

d+b budget = 11,924,000

NOTE: Pre-strip program ends Dec 1 184

1985 13,140,000 BCY ore + waste

234-4260

DETAILED ORE STATISTICS

1985

1ST QTR 185 = OXIDE MILL FEED

2ND QTR 185

APRIL = OXIDE MILL FEED

MAY = BENCHES 3890-3830 NA; TOTAL ORE = 260,000 MT

JUNE = BENCHES 3830-3790 NA; TOTAL ORE = 279,000 MT

539,000 MT = 185,900 BCY

3RD QTR 185

JULY = BENCHES 3790-3750 NA; TOTAL ORE = 288,300 MT

AUG = BENCHES 3750-3730 NA; TOTAL ORE = 288,300 MT

SEPT = BENCHES 3730-3670 NA; TOTAL ORE = 334,800 MT

911,400 MT = 314,300 BCY

4TH QTR 185

OCT = BENCHES 3790-3710 OA; TOTAL ORE = 345,960 MT

NOV = BENCHES 3710-3690 OA; TOTAL ORE = 334,000 MT

DEC = BENCHES 3690-3650 OA; TOTAL ORE = 345,960 MT

1,025,920 MT = 353,800 BCY

NOTE: USED 2.9 MT/BCY \cong 3.2 SDT/BCY

MILL FEED PREDICTION

4% CUTOFF

OLD F3 TONNAGES (EXCEPT NA)

-5% ON ALL GRADES

Phase	Bench	O R E			Grade						
		Tonnes	Pb	Zn	Ag	2A	2BCD	2EC	2EF	2H	2G
	OXIDE	FROM DECEMBER 1, 1984 TO MAY 1, 1985 (Dec 84 = 4,500 TONNES OXIDE/DAY) (Jan 85 TO MAY 1, 1985 = 9,500 TONNES OXIDE/DAY)									
	MAY - 1985	(288,300 MT)									
	CFSP	28216	2.2	4.0	30.2	20	40		40		
NA	3890	72689	3.3	4.5	47.9	18	48		34		
NA	3870	67398	3.6	5.0	53.3	47	27		8	18	
NA	3850	104489	3.1	5.2	41.3	30	23		18	20	(UDF 9)
NA	3830	15508	2.9	4.8	47.3	14	39		24	18	(UDF 5)
	JUNE - 1985	(279,000 MT)									
NA	3830	77180	2.9	4.8	47.3	14	39		24	18	(UDF 5)
NA	3810	119893	3.1	5.5	44.3	14	47		25	14	
NA	3790	81927	3.4	6.0	44.1	14	27	1	35	23	
	JULY - 1985	(288,300 MT)									
NA	3790	36186	3.4	6.0	44.1	14	27	1	35	23	
NA	3770	204166	3.3	5.7	42.0	23	17		40	20	
NA	3750	47948	2.8	4.8	38.6	19	17		39	25	
	AUGUST - 1985	(288,300 MT)									
NA	3750	209402	2.8	4.8	38.6	19	17		39	25	
NA	3730	78898	2.6	4.3	33.8	18	13		42	25	(UDF 2)
	SEPTEMBER - 1985	(334,800 MT)									
NA	3730	136235	2.6	4.3	33.8	18	13		42	25	(UDF 2)
NA	3710	144537	2.1	3.6	34.4	39	6		37	18	
NA	3690	47224	2.3	4.1	42.6	67			18	15	
NA	3670	5104	2.0	3.9	29.5	44	41		15		
OA	3790	1700	3.0	4.1	37.1	0	100				
	Total										

MILL FEED PREDICTION

Phase	Bench	C R E									
		Tonnes	Grade			2A	2BCD	2EC	2EF	2H	2G
			Pb	Zn	Ag						
OCTOBER - 1985 (345,960)											
OA	3790	8300	3.0	4.1	37.1		100				
OA	3770	54000	2.7	4.8	29.6	17	40		43		
OA	3750	73000	3.2	4.0	43.0	16	20	22	42		
OA	3730	118000	2.8	4.2	36.5	4	42		54		
OA	3710	92660	2.5	3.5	34.4	11	21	4	64		
NOVEMBER - 1985 (334,800)											
OA	3710	166340	2.5	3.5	34.4	11	21	4	64		
OA	3690	168460	2.1	3.4	29.5	5	54	5	34	2	
DECEMBER - 1985 (345,960)											
OA	3690	1500	2.1	3.4	29.5	5	54	5	34	2	
OA	3670	247000	2.0	3.2	27.6	6	13	15	62	4	
OA	3650	97460	2.8	3.7	30.6	4	27	22	44	3	
1 ST QTR. 1986 (1,004,400 MT)											
OA	3650	55540	2.8	3.7	30.6	4	27	22	44	3	
OA	3630	148000	2.6	3.5	30.9	5	19	29	47		
PA	3690	12000	2.0	3.7	29.8		100				
PA	3670	20000	1.1	3.3	20.8		74	26			
PA	3650	138960	2.5	4.0	26.2	2	38	28	19	12	1
PA	3630	129000	2.1	2.9	24.8	3	22	21	32	21	1
PA	3610	352000	3.1	5.3	37.3	4	23	11	39	11	12
PA	3590	148900	3.3	5.1	40.0	8	4	17	53	4	14
2 ND QTR. 1986 (1,015,560 MT)											
PA	3590	125100	3.3	5.1	40.0	8	4	17	53	4	14
PA	3570	183000	2.5	3.9	31.5	5	8	3	75	9	
PA	3550	119000	2.3	4.0	26.0	22	4	3	71		
ZD	3730	19000	4.5	4.9	63.4		40				60
ZD	3710	135000	3.3	4.5	46.2	16	28	11	31		14
ZD	3690	148000	2.4	4.4	30.1	15	25	35	14		11
ZD	3670	85000	3.1	4.5	35.4	27			46		27
→ (CONTINUED ON NEXT PAGE) ←											
Total											

MILL FEED PREDICTION

O R E											
Phase	Bench	Tonnes	Grade			2A	2BCD	2EC	2EF	2H	2G
			Pb	Zn	Ag						
2 ND QTR CONTINUED											
7D	3650	81,000	2.4	3.0	32.3	7	20	34	25		14
7D	3630	120460	2.3	3.5	22.8	26	9	32	18		15
3 RD QTR. 1986 (1,026,720 MT)											
7D	3630	56540	2.3	3.5	22.8	26	9	32	18		15
7D	3610	251960	2.8	5.1	25.4	3	24	45	19		9
7D	3590	205000	2.2	4.9	14.0	11	24	39	24		2
7D	3570	102000	2.3	4.5	23.5	13	23	59			5
7D	3550	182000	3.0	5.0	33.5		15	22	57	6	
7D	3530	220000	3.3	5.1	38.1		3	14	73	8	2
7D	3510	9220	3.7	4.8	44.5			9	89		2
4 TH QTR. 1986 (1,026,720 MT)											
7D	3510	240780	3.7	4.8	44.5			9	89		2
SE RAMP ZONE		210220	4.0	4.6	64.5	36	6		36		22
4B	3690	2000	1.6	3.6	21.3		48	52			
4B	3650	36000	2.1	3.6	25.1	37		29	34		
4B	3630	87000	2.2	4.0	23.7	40	24		21		15
4B	3610	148000	2.3	3.3	25.8	12	32	15	39		2
4B	3590	170000	2.4	3.7	24.2	2	42	30	11		15
4B	3570	132720	2.8	3.8	32.7	1	26	15	30	6	22
Total											

MILL FEED PREDICTION

O R E											
Phase	Bench	Tonnes	Grade								
			Pb	Zn	Ag	2A	2BCD	2EC	2EF	2H	2G
1 ST QTR - 1987 (1,004,400 MT)											
UB	3570	152280	2.8	3.8	32.7	1	26	15	30	6	22
UB	3550	566020	2.5	3.5	37.2	4	31	10	34	3	18
UB	3530	286100	2.7	3.8	33.3	2	20	28	40	4	6
2 ND QTR 1987 (1,015,560 MT)											
UB	3530	643900	2.7	3.8	33.3	2	20	28	40	4	6
UB	3510	371660	2.9	4.3	33.6	1	7	28	53	6	5
3 RD QTR 1987 (1,026,720 MT)											
UB	3510	603300	2.9	4.3	33.6	1	7	28	53	6	5
UB	3490	423420	3.1	4.1	41.3	1	12	18	54	1	14
4 TH QTR 1987 (1,026,720 MT)											
UB	3490	183580	3.1	4.1	41.3	1	12	18	54	1	14
UB	3470	668020	2.7	3.7	36.9	4	23	8	57		8
UB	3450	175120	2.8	4.1	34.1	9	20	10	61		
1 ST QTR 1988 (1,015,560 MT)											
UB	3450	371900	2.8	4.1	34.1	9	20	10	61		
UB	3430	393000	3.0	4.7	32.2	5	14	1	78		2
WA	3690	7000	1.8	3.3	30.1		100				
WA	3670	13000	2.3	3.3	33.8	35		21		44	
WA	3650	28000	2.4	4.1	31.8	35	17		27		21
WA	3630	59000	2.2	2.7	37.6	8	62		21		9
WA	3610	143660	2.9	4.1	42.8	13	59		28		
Total											

MILL FEED PREDICTION

O R E											
Phase	Bench	Tonnes	Grade								
			Pb	Zn	Ag	2A	2BCD	2EC	2EF	2H	2G
2 ND QTR. 1988 (1,015,560 MT)											
WA	3610	14340	2.9	4.1	42.8	13	59		28		
WA	3590	230000	2.8	4.2	37.2	15	31		28	15	11
WA	3570	504960	3.8	4.9	49.1	2	44	8	18	10	18
WA	3550	266260	3.0	3.7	42.3	4	36	11	17	8	24
3 RD QTR 1988 (1,026,720 MT)											
WA	3550	415700	3.0	3.7	42.3	4	36	11	17	8	24
WA	3530	611020	3.5	4.4	49.2	4	34	4	20	15	23
4 TH QTR 1988 (1,026,720 MT)											
WA	3530	339000	3.5	4.4	49.2	4	34	4	20	15	23
WA	3510	687720	3.8	5.0	51.2	8	14	29	16	24	9
1 ST QTR 1989 (1,004,400 MT)											
WA	3510	548300	3.8	5.0	51.2	8	14	29	16	24	9
WA	3490	456100	3.0	4.6	39.1	6	20	15	46	10	3
2 ND QTR 1989 (1,015,560 MT)											
WA	3490	1,015,560	3.0	4.6	39.1	6	20	15	46	10	3
3 RD QTR 1989 (1,026,720 MT)											
WA	3490	250340	3.0	4.6	39.1	6	20	15	46	10	3
WA	3470	776,380	3.3	4.8	41.3	5	28	10	49	7	1
4 TH QTR 1989 (1,026,720 MT)											
WA	3470	818600	3.3	4.8	41.3	5	28	10	49	7	1
WA	3450	208120	2.9	4.4	34.1	9	21	9	52	8	1
Total											

