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*** M712V1***** STARTED ON 10/02/80 * MEDSYSTEM COPYRIGHT 1978 *
***                                     *
***           AT 23:04:58 * MINTEC, INC TUCSON, ARIZONA *
*** INPUT:JCL712.VG  OUTPUT:LST712.VG *
***-----*

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017893

***M712V1 RELEASE 9** REVISED 15 JAN, 1975

MEDS PROPRIETARY SOFTWARE: MINTEC INC., TUCSON, AZ.

** FILE 10: PROJECT CONTROL FILE **

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DATA FILE PCF.VG      * NO.  SIZE  RECS  /REC
-----*
MAX # BUFFERS = 14 * 10  400    1  400

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** IN18 = 1

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **

CYPRUS ANVIL MINING CORPORATION ***
V A N G O R D A D E P O S I T

PII: GEOLOGIC

ILAB(I)	0/B	5/4L	4G	4EFH	4GE	4CE	4BCD	4A	UND.
TFO(I)	.36	.36	.24	.24	.24	.27	.28	.33	.36
NCT(I)	1	1	6	6	6	6	6	6	1
JCT(I)	0	5	10	40	70	100	130	160	190
IORE(I)	0	0	6	6	6	6	6	6	0
JORE(I)	0	0	6	6	6	6	6	6	0
COG(I)	0.	0.	4.500	4.500	4.500	4.500	4.500	4.500	0.
ISTK(1)	0	0	5	5	5	5	5	5	0
JSTK(1)	0	0	6	6	6	6	6	6	0
CSG(1)	0.	0.	4.000	4.000	4.000	4.000	4.000	4.000	0.
ISTK(2)	0	0	4	4	4	4	4	4	0
JSTK(2)	0	0	6	6	6	6	6	6	0
CSG(2)	0.	0.	3.500	3.500	3.500	3.500	3.500	3.500	0.
IWST(I)	1	1	1	1	1	1	1	1	1
JWST(I)	1	1	3	3	3	3	3	3	1
CWG(I)	-.001	-.001	3.499	3.499	3.499	3.499	3.499	3.499	3.499

***M712V1 RELEASE 9** REVISED 15 JAN, 1975

MEDS PROPRIETARY SOFTWARE: MINTEC INC., TUCSON, AZ.

** FILE 18: RESERVE SUMMARY FILE **

DATA FILE	RESRVS.VG	*	NO.	SIZE	RECS	/REC
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MAX # BUFFERS =	0	*	18	400	1	392

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **

CYPRUS ANVIL MINING CORPORATION ***
VANGORDA DEPOSIT

PIT: GEOLOGIC

ORE TABLE NO. (NTORE) = 1
NO. OF BENCHES (NZ) = 26
NO. 1ST BENCH (IZ) = 1
NO. OF AREAS (NAREA) = 1
NO. OF TYPES (NTYPE) = 9
NO. OF METALS (NMET) = 5
NO. OF CLASSES (NCLAS) = 39
1ST RECORD NO. (M18) = 1
LAST RECORD NO. (N18) = 26

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO.	1	2	3	4	5
BENCH TOE ELEVATION	1193.	1181.	1169.	1157.	1145.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE-	0.00	0.	0.	0.	157091.	1599471.
GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.	0.

* O/B* TOTAL TONS 0. 0. 0. 157091. 1599471.

5/4L T.F.= .36

5/4L WASTE-	0.00	0.	0.	0.	0.	4760.
GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.	0.

5/4L TOTAL TONS 0. 0. 0. 0. 4760.

* 4G* T.F.= .24

* 4G* ABOVE 4.50	0.	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.	0.

* 4G* ABOVE 4.00 0. 0. 0. 0. 0.

GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.	0.

* 4G* ABOVE 3.50 0. 0. 0. 0. 0.

GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.

GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4G* WASTE- 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4G* TOTAL TONS 0. 0. 0. 0. 0.

4EFH T.F.= .24

4EFH ABOVE 4.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

4EFH ABOVE 4.00 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

4EFH ABOVE 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

4EFH WASTE- 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

4EFH TOTAL TONS 0. 0. 0. 0. 0.

* 4GE* T.F.= .24

* 4GE* ABOVE 4.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4GE* ABOVE 4.00 0. 0. 0. 0. 0.

GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4GE* ABOVE 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4GE* WASTE- 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4GE* TOTAL TONS 0. 0. 0. 0. 0.

* 4CE* T.F.= .27

* 4CE* ABOVE 4.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4CE* ABOVE 4.00 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4CE* ABOVE 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4CE* WASTE- 3.50 0. 0. 0. 0. 0.
GRADE 1 = PB 0. 0. 0. 0. 0.
GRADE 2 = ZN 0. 0. 0. 0. 0.
GRADE 3 = AG 0. 0. 0. 0. 0.
GRADE 4 = AU 0. 0. 0. 0. 0.
GRADE 5 = EQ1 0. 0. 0. 0. 0.

* 4CE* TOTAL TONS 0. 0. 0. 0. 0.

4BCD T.F.= .28

4BCD	ABOVE	4.50	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AIJ	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

4BCD	ABOVE	4.00	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

4BCD	ABOVE	3.50	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

4BCD	WASTE-	3.50	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

4BCD	TOTAL TONS		0.	0.	0.	0.	0.	0.
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* 4A* T.F.= .33

* 4A*	ABOVE	4.50	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

* 4A*	ABOVE	4.00	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AIJ	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

* 4A*	ABOVE	3.50	0.	0.	0.	0.	0.	0.
	GRADE 1 =	PB	0.	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.	0.

* 4A* WASTE- 3.50	0.	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.	0.

* 4A* TOTAL TONS	0.	0.	0.	0.	0.	0.
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UND. T.F.= .36

UND. WASTE- 3.50	15233058.	15233058.	15233058.	15075967.	13628826.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

UND. TOTAL TONS	15233058.	15233058.	15233058.	15075967.	13628826.
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*UNSPECIFIED TONS	0.	0.	0.	0.	0.
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**BENCH TOTAL TONS	15233058.	15233058.	15233058.	15233058.	15233058.
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** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO.	6	7	8	9	10
BENCH TOE ELEVATION	1133.	1127.	1121.	1115.	1109.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE - -.00	2613421.	1280529.	871140.	568860.	209455.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* O/B* TOTAL TONS 2613421. 1280529. 871140. 568860. 209455.

5/4L T.F.= .36

5/4L WASTE - -.00	233256.	335603.	752132.	899702.	1099636.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

5/4L TOTAL TONS 233256. 335603. 752132. 899702. 1099636.

* 4G* T.F.= .24

* 4G* ABOVE 4.50	0.	10667.	78222.	99556.	85333.
GRADE 1 = PB	0.	3.3667	4.8591	3.9143	3.7958
GRADE 2 = ZN	0.	4.8333	5.8591	6.3107	5.8417
GRADE 3 = AG	0.	41.6667	60.9091	55.4643	55.0833
GRADE 4 = AU	0.	.6567	.5495	.4379	.5075
GRADE 5 = EQ1	0.	8.2000	10.7182	10.2250	9.6375

* 4G* ABOVE 4.00	0.	14222.	78222.	99556.	85333.
GRADE 1 = PB	0.	2.9500	4.8591	3.9143	3.7958
GRADE 2 = ZN	0.	4.2500	5.8591	6.3107	5.8417
GRADE 3 = AG	0.	37.7500	60.9091	55.4643	55.0833
GRADE 4 = AU	0.	.6575	.5495	.4379	.5075
GRADE 5 = EQ1	0.	7.2000	10.7182	10.2250	9.6375

* 4G* ABOVE 3.50	0.	17778.	78222.	99556.	96000.
GRADE 1 = PB	0.	2.6600	4.8591	3.9143	3.5333
GRADE 2 = ZN	0.	3.8200	5.8591	6.3107	5.4556
GRADE 3 = AG	0.	34.8000	60.9091	55.4643	51.7037

GRADE 4 = AU	0.	.6580	.5495	.4379	.5504
GRADE 5 = EQ1	0.	6.4800	10.7182	10.2250	8.9889

* 4G* WASTE- 3.50	0.	0.	0.	0.	3556.
GRADE 1 = PB	0.	0.	0.	0.	1.0000
GRADE 2 = ZN	0.	0.	0.	0.	1.6000
GRADE 3 = AG	0.	0.	0.	0.	20.0000
GRADE 4 = AU	0.	0.	0.	0.	1.1400
GRADE 5 = EQ1	0.	0.	0.	0.	2.6000

* 4G* TOTAL TONS	0.	17778.	78222.	99556.	99556.
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4EFH T.F.= .24

4EFH ABOVE 4.50	0.	24889.	3556.	35556.	39111.
GRADE 1 = PB	0.	3.1571	4.9000	5.4800	4.1455
GRADE 2 = ZN	0.	4.2000	6.3000	6.7300	5.3000
GRADE 3 = AG	0.	39.2857	71.0000	66.4000	54.1818
GRADE 4 = AU	0.	.5700	.3400	.8180	.5027
GRADE 5 = EQ1	0.	7.3571	11.2000	12.2100	9.4455

4EFH ABOVE 4.00	0.	24889.	3556.	35556.	39111.
GRADE 1 = PB	0.	3.1571	4.9000	5.4800	4.1455
GRADE 2 = ZN	0.	4.2000	6.3000	6.7300	5.3000
GRADE 3 = AG	0.	39.2857	71.0000	66.4000	54.1818
GRADE 4 = AU	0.	.5700	.3400	.8180	.5027
GRADE 5 = EQ1	0.	7.3571	11.2000	12.2100	9.4455

4EFH ABOVE 3.50	0.	28444.	3556.	35556.	39111.
GRADE 1 = PB	0.	2.9500	4.9000	5.4800	4.1455
GRADE 2 = ZN	0.	3.9375	6.3000	6.7300	5.3000
GRADE 3 = AG	0.	37.3750	71.0000	66.4000	54.1818
GRADE 4 = AU	0.	.5812	.3400	.8180	.5027
GRADE 5 = EQ1	0.	6.8875	11.2000	12.2100	9.4455

4EFH WASTE- 3.50	0.	10667.	0.	14222.	7111.
GRADE 1 = PB	0.	.6667	0.	0.	0.
GRADE 2 = ZN	0.	.9000	0.	0.	0.
GRADE 3 = AG	0.	15.6667	0.	0.	0.
GRADE 4 = AU	0.	.6533	0.	0.	0.
GRADE 5 = EQ1	0.	1.5667	0.	0.	0.

4EFH TOTAL TONS	0.	39111.	3556.	49778.	46222.
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* 4GE* T.F.= .24

* 4GE* ABOVE 4.50	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* 4GE* ABOVE 4.00	0.	0.	0.	0.	0.
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GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4GE* ABOVE 3.50		0.	0.	0.	0.	0.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4GE* WASTE- 3.50		0.	0.	0.	0.	0.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4GE* TOTAL TONS		0.	0.	0.	0.	0.
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* 4CE* T.F. = .27

* 4CE* ABOVE 4.50		0.	0.	3224.	41910.	0.
GRADE 1 =	PB	0.	0.	5.7000	2.6385	0.
GRADE 2 =	ZN	0.	0.	7.9000	3.8692	0.
GRADE 3 =	AG	0.	0.	80.0000	38.7692	0.
GRADE 4 =	AU	0.	0.	1.5300	.5785	0.
GRADE 5 =	EQ1	0.	0.	13.6000	6.5077	0.

* 4CE* ABOVE 4.00		0.	0.	3224.	41910.	0.
GRADE 1 =	PB	0.	0.	5.7000	2.6385	0.
GRADE 2 =	ZN	0.	0.	7.9000	3.8692	0.
GRADE 3 =	AG	0.	0.	80.0000	38.7692	0.
GRADE 4 =	AU	0.	0.	1.5300	.5785	0.
GRADE 5 =	EQ1	0.	0.	13.6000	6.5077	0.

* 4CE* ABOVE 3.50		0.	0.	3224.	41910.	0.
GRADE 1 =	PB	0.	0.	5.7000	2.6385	0.
GRADE 2 =	ZN	0.	0.	7.9000	3.8692	0.
GRADE 3 =	AG	0.	0.	80.0000	38.7692	0.
GRADE 4 =	AU	0.	0.	1.5300	.5785	0.
GRADE 5 =	EQ1	0.	0.	13.6000	6.5077	0.

* 4CE* WASTE- 3.50		0.	0.	3224.	12896.	0.
GRADE 1 =	PB	0.	0.	0.	.4000	0.
GRADE 2 =	ZN	0.	0.	0.	.8000	0.
GRADE 3 =	AG	0.	0.	0.	9.0000	0.
GRADE 4 =	AU	0.	0.	0.	.3300	0.
GRADE 5 =	EQ1	0.	0.	0.	1.2000	0.

* 4CE* TOTAL TONS		0.	0.	6448.	54806.	0.
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4BCD T.F.= .28

4BCD	ABOVE	4.50	0.	6128.	70468.	12255.	33702.
	GRADE 1 =	PB	0.	3.1500	2.5783	3.1000	2.9455
	GRADE 2 =	ZN	0.	4.6000	3.4870	4.7250	4.4909
	GRADE 3 =	AG	0.	39.5000	39.7826	34.5000	36.0909
	GRADE 4 =	AU	0.	.6750	.8943	.5925	.5527
	GRADE 5 =	EQ1	0.	7.7500	6.0652	7.8250	7.4364

4BCD	ABOVE	4.00	0.	6128.	73532.	15319.	42894.
	GRADE 1 =	PB	0.	3.1500	2.5625	2.8000	2.6500
	GRADE 2 =	ZN	0.	4.6000	3.4333	4.2600	4.0714
	GRADE 3 =	AG	0.	39.5000	39.3750	31.8000	33.4286
	GRADE 4 =	AU	0.	.6750	.8842	.6300	.5921
	GRADE 5 =	EQ1	0.	7.7500	5.9958	7.0600	6.7214

4BCD	ABOVE	3.50	0.	6128.	73532.	21447.	52085.
	GRADE 1 =	PB	0.	3.1500	2.5625	2.4000	2.4471
	GRADE 2 =	ZN	0.	4.6000	3.4333	3.7143	3.7529
	GRADE 3 =	AG	0.	39.5000	39.3750	29.8571	31.9412
	GRADE 4 =	AU	0.	.6750	.8842	.7286	.6076
	GRADE 5 =	EQ1	0.	7.7500	5.9958	6.1143	6.2000

4BCD	WASTE-	3.50	0.	18383.	12255.	91915.	113362.
	GRADE 1 =	PB	0.	.6000	1.0000	.6900	.8216
	GRADE 2 =	ZN	0.	.7667	1.0750	1.0700	1.0757
	GRADE 3 =	AG	0.	15.0000	18.0000	13.7333	15.9459
	GRADE 4 =	AU	0.	.6517	.4650	.8343	.8400
	GRADE 5 =	EQ1	0.	1.3667	2.0750	1.7600	1.8973

4BCD TOTAL TONS 0. 24511. 85787. 113362. 165447.

* 4A* T.F.= .33

* 4A*	ABOVE	4.50	0.	13051.	28713.	26103.	146175.
	GRADE 1 =	PB	0.	1.7000	3.2273	4.1900	3.1982
	GRADE 2 =	ZN	0.	3.4000	4.6636	5.8300	4.2946
	GRADE 3 =	AG	0.	34.0000	50.3636	58.4000	46.0357
	GRADE 4 =	AU	0.	.5300	.8036	1.1880	.6250
	GRADE 5 =	EQ1	0.	5.1000	7.8909	10.0200	7.4929

* 4A*	ABOVE	4.00	0.	13051.	28713.	33934.	164447.
	GRADE 1 =	PB	0.	1.7000	3.2273	3.5923	3.0492
	GRADE 2 =	ZN	0.	3.4000	4.6636	5.0923	4.0873
	GRADE 3 =	AG	0.	34.0000	50.3636	50.3846	43.8254
	GRADE 4 =	AU	0.	.5300	.8036	1.0762	.6243
	GRADE 5 =	EQ1	0.	5.1000	7.8909	8.6846	7.1365

* 4A*	ABOVE	3.50	0.	13051.	28713.	44375.	180109.
	GRADE 1 =	PB	0.	1.7000	3.2273	3.0765	2.9087
	GRADE 2 =	ZN	0.	3.4000	4.6636	4.4588	3.9319
	GRADE 3 =	AG	0.	34.0000	50.3636	44.2353	42.2754
	GRADE 4 =	AU	0.	.5300	.8036	1.0112	.6312
	GRADE 5 =	EQ1	0.	5.1000	7.8909	7.5353	6.8406

* 4A* WASTE= 3.50	0.	0.	2610.	44375.	86139.
GRADE 1 = PB	0.	0.	0.	.7255	1.0515
GRADE 2 = ZN	0.	0.	0.	1.2176	1.4121
GRADE 3 = AG	0.	0.	0.	13.8235	17.9091
GRADE 4 = AU	0.	0.	0.	.5659	.6797
GRADE 5 = EQ1	0.	0.	0.	1.9412	2.4636

* 4A* TOTAL TONS 0. 13051. 31323. 88749. 266248.

UND. T.F.= .36

UND. WASTE= 3.50	12386380.	5931372.	5838545.	5838545.	5838545.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

UND. TOTAL TONS 12386380. 5931372. 5838545. 5838545. 5838545.

*UNSPECIFIED TONS 0. 0. 0. 0. 0.

**BENCH TOTAL TONS 15233058. 7641955. 7667154. 7713358. 7725109.

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO.	11	12	13	14	15
BENCH TOE ELEVATION	1103.	1097.	1091.	1085.	1079.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE - .00	49983.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* O/B* TOTAL TONS	49983.	0.	0.	0.	0.
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5/4L T.F.= .36

5/4L WASTE - .00	1063934.	1147240.	1242446.	1282909.	1199603.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

5/4L TOTAL TONS	1063934.	1147240.	1242446.	1282909.	1199603.
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* 4G* T.F.= .24

* 4G* ABOVE 4.50	64000.	35556.	160000.	163556.	152889.
GRADE 1 = PB	3.933	3.8400	3.8244	3.6717	3.4116
GRADE 2 = ZN	5.422	5.5300	5.3467	4.9370	5.5721
GRADE 3 = AG	53.000	54.6000	54.4222	53.5652	53.1163
GRADE 4 = AU	.793	.4800	.5216	.5528	.5398
GRADE 5 = EQ1	9.356	9.3700	9.1711	8.6087	8.9837

* 4G* ABOVE 4.00	64000.	35556.	160000.	163556.	152889.
GRADE 1 = PB	3.933	3.8400	3.8244	3.6717	3.4116
GRADE 2 = ZN	5.422	5.5300	5.3467	4.9370	5.5721
GRADE 3 = AG	53.000	54.6000	54.4222	53.5652	53.1163
GRADE 4 = AU	.793	.4800	.5216	.5528	.5398
GRADE 5 = EQ1	9.356	9.3700	9.1711	8.6087	8.9837

* 4G* ABOVE 3.50	64000.	35556.	163556.	163556.	152889.
GRADE 1 = PB	3.933	3.8400	3.7739	3.6717	3.4116
GRADE 2 = ZN	5.422	5.5300	5.2783	4.9370	5.5721
GRADE 3 = AG	53.000	54.6000	53.8043	53.5652	53.1163

GRADE 4 = AU	.793	.4800	.5317	.5528	.5398
GRADE 5 = EQ1	9.356	9.3700	9.0522	8.6087	8.9837
* 4G* WASTE= 3.50	3556.	0.	0.	0.	0.
GRADE 1 = PB	.900	0.	0.	0.	0.
GRADE 2 = ZN	1.500	0.	0.	0.	0.
GRADE 3 = AG	16.000	0.	0.	0.	0.
GRADE 4 = AU	.410	0.	0.	0.	0.
GRADE 5 = EQ1	2.400	0.	0.	0.	0.
* 4G* TOTAL TONS	67556.	35556.	163556.	163556.	152889.
4EFH T.F.=	.24				
4EFH ABOVE 4.50	117333.	120889.	163556.	99556.	60444.
GRADE 1 = PB	3.715	3.5765	3.8478	4.3214	2.7941
GRADE 2 = ZN	4.827	4.4647	5.0891	5.1786	3.1882
GRADE 3 = AG	54.394	51.2647	55.4348	60.7143	31.5882
GRADE 4 = AU	.779	1.0329	.7628	.6018	.7253
GRADE 5 = EQ1	8.542	8.0412	8.9370	9.5000	5.9824
4EFH ABOVE 4.00	117333.	128000.	170667.	99556.	78222.
GRADE 1 = PB	3.715	3.4889	3.7667	4.3214	2.6591
GRADE 2 = ZN	4.827	4.3417	4.9708	5.1786	2.9364
GRADE 3 = AG	54.394	50.2500	54.2708	60.7143	31.3182
GRADE 4 = AU	.779	1.0383	.7669	.6018	.8264
GRADE 5 = EQ1	8.542	7.8306	8.7375	9.5000	5.5955
4EFH ABOVE 3.50	117333.	138667.	177778.	99556.	81778.
GRADE 1 = PB	3.715	3.3538	3.7000	4.3214	2.6304
GRADE 2 = ZN	4.827	4.1538	4.8340	5.1786	2.8913
GRADE 3 = AG	54.394	48.8205	53.0400	60.7143	30.9130
GRADE 4 = AU	.779	1.0610	.7804	.6018	.8326
GRADE 5 = EQ1	8.542	7.5077	8.5340	9.5000	5.5217
4EFH WASTE= 3.50	0.	17778.	21333.	0.	10667.
GRADE 1 = PB	0.	1.4400	1.2167	0.	1.0667
GRADE 2 = ZN	0.	1.4600	.9833	0.	1.1333
GRADE 3 = AG	0.	25.2000	19.0000	0.	20.3333
GRADE 4 = AU	0.	1.4240	.9983	0.	1.0033
GRADE 5 = EQ1	0.	2.9000	2.2000	0.	2.2000
4EFH TOTAL TONS	117333.	156444.	199111.	99556.	92444.
* 4GE* T.F.=	.24				
* 4GE* ABOVE 4.50	43021.	93212.	35851.	32266.	132647.
GRADE 1 = PB	3.683	3.3923	4.3800	3.7444	3.5595
GRADE 2 = ZN	4.917	4.3769	5.7000	4.9667	4.9378
GRADE 3 = AG	55.750	51.1538	61.3000	48.5556	50.0541
GRADE 4 = AU	.912	.8935	.8710	.3700	.7665
GRADE 5 = EQ1	8.600	7.7692	10.0800	8.7111	8.4973
* 4GE* ABOVE 4.00	43021.	93212.	35851.	32266.	136232.

GRADE 1 =	PB	3.683	3.3923	4.3800	3.7444	3.5132
GRADE 2 =	ZN	4.917	4.3769	5.7000	4.9667	4.8684
GRADE 3 =	AG	55.750	51.1538	61.3000	48.5556	49.4474
GRADE 4 =	AU	.912	.8935	.8710	.3700	.7597
GRADE 5 =	EQ1	8.600	7.7692	10.0800	8.7111	8.3816

* 4GE*	ABOVE	3.50	43021.	93212.	35851.	35851.	136232.
GRADE 1 =	PB		3.683	3.3923	4.3800	3.5200	3.5132
GRADE 2 =	ZN		4.917	4.3769	5.7000	4.6900	4.8684
GRADE 3 =	AG		55.750	51.1538	61.3000	46.1000	49.4474
GRADE 4 =	AU		.912	.8935	.8710	.3650	.7597
GRADE 5 =	EQ1		8.600	7.7692	10.0800	8.2100	8.3816

* 4GE*	WASTE-	3.50	0.	0.	0.	21510.	0.
GRADE 1 =	PB		0.	0.	0.	.8000	0.
GRADE 2 =	ZN		0.	0.	0.	1.2833	0.
GRADE 3 =	AG		0.	0.	0.	18.0000	0.
GRADE 4 =	AU		0.	0.	0.	.3900	0.
GRADE 5 =	EQ1		0.	0.	0.	2.0833	0.

* 4GE*	TOTAL TONS		43021.	93212.	35851.	57361.	136232.
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* 4CE* T.F.= .27

* 4CE*	ABOVE	4.50	25791.	0.	0.	9672.	19343.
GRADE 1 =	PB		2.975	0.	0.	3.4667	4.6167
GRADE 2 =	ZN		4.287	0.	0.	4.4333	5.1500
GRADE 3 =	AG		44.750	0.	0.	44.0000	62.0000
GRADE 4 =	AU		.881	0.	0.	.6933	.9033
GRADE 5 =	EQ1		7.262	0.	0.	7.9000	9.7667

* 4CE*	ABOVE	4.00	29015.	0.	0.	9672.	22567.
GRADE 1 =	PB		2.844	0.	0.	3.4667	4.2286
GRADE 2 =	ZN		4.089	0.	0.	4.4333	4.7571
GRADE 3 =	AG		43.333	0.	0.	44.0000	57.8571
GRADE 4 =	AU		.897	0.	0.	.6933	.9829
GRADE 5 =	EQ1		6.933	0.	0.	7.9000	8.9857

* 4CE*	ABOVE	3.50	29015.	0.	0.	9672.	22567.
GRADE 1 =	PB		2.844	0.	0.	3.4667	4.2286
GRADE 2 =	ZN		4.089	0.	0.	4.4333	4.7571
GRADE 3 =	AG		43.333	0.	0.	44.0000	57.8571
GRADE 4 =	AU		.897	0.	0.	.6933	.9829
GRADE 5 =	EQ1		6.933	0.	0.	7.9000	8.9857

* 4CE*	WASTE-	3.50	0.	0.	0.	3224.	6448.
GRADE 1 =	PB		0.	0.	0.	.3000	.8500
GRADE 2 =	ZN		0.	0.	0.	.5000	.7500
GRADE 3 =	AG		0.	0.	0.	12.0000	13.5000
GRADE 4 =	AU		0.	0.	0.	.5000	.2900
GRADE 5 =	EQ1		0.	0.	0.	.8000	1.6000

* 4CE*	TOTAL TONS		29015.	0.	0.	12896.	29015.
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4BCD T.F.= .28

4BCD	ABOVE	4.50	98043.	15319.	18383.	39830.	45957.
	GRADE 1 =	PB	2.969	2.5400	2.2667	2.5077	2.4800
	GRADE 2 =	ZN	3.969	3.2800	3.8500	3.2846	2.6333
	GRADE 3 =	AG	39.937	35.8000	35.8333	36.3846	34.2000
	GRADE 4 =	AU	.823	.7180	.4817	.8523	.7900
	GRADE 5 =	EQ1	6.937	5.8200	6.1167	5.7923	5.1133

4BCD	ABOVE	4.00	110298.	18383.	21447.	45957.	61277.
	GRADE 1 =	PB	2.836	2.4500	2.1714	2.4200	2.3850
	GRADE 2 =	ZN	3.792	3.0667	3.7000	3.1467	2.5050
	GRADE 3 =	AG	38.722	35.1667	35.0000	35.1333	33.4500
	GRADE 4 =	AU	.826	.7867	.4957	.8400	.8530
	GRADE 5 =	EQ1	6.628	5.5167	5.8714	5.5667	4.8900

4BCD	ABOVE	3.50	116426.	49021.	27574.	64340.	85787.
	GRADE 1 =	PB	2.768	2.0562	2.0444	2.1905	2.1714
	GRADE 2 =	ZN	3.705	2.3312	3.3778	2.8333	2.3929
	GRADE 3 =	AG	38.184	32.0000	33.1111	32.5238	31.2500
	GRADE 4 =	AU	.841	.9294	.5867	.8324	.8446
	GRADE 5 =	EQ1	6.474	4.3875	5.4222	5.0238	4.5643

4BCD	WASTE -	3.50	67404.	189957.	193021.	245106.	220596.
	GRADE 1 =	PB	.786	1.0758	.5365	.5737	.8556
	GRADE 2 =	ZN	.964	1.0371	.8302	.7175	.9139
	GRADE 3 =	AG	20.091	21.2903	15.1587	13.2500	16.9861
	GRADE 4 =	AU	.767	.8002	.6656	.7012	.8017
	GRADE 5 =	EQ1	1.750	2.1129	1.3667	1.2912	1.7694

4BCD TOTAL TONS 183830. 238979. 220596. 309447. 306383.

* 4A* T.F.= .33

* 4A*	ABOVE	4.50	245366.	172278.	80918.	7831.	28713.
	GRADE 1 =	PB	2.931	2.8015	3.3129	3.3667	3.1091
	GRADE 2 =	ZN	4.280	3.6924	4.4548	4.4000	4.3182
	GRADE 3 =	AG	43.553	38.9394	45.2258	51.6667	46.5455
	GRADE 4 =	AU	.623	.6435	.7261	.6933	.5518
	GRADE 5 =	EQ1	7.211	6.4939	7.7677	7.7667	7.4273

* 4A*	ABOVE	4.00	261027.	180109.	80918.	7831.	41764.
	GRADE 1 =	PB	2.856	2.7507	3.3129	3.3667	2.6750
	GRADE 2 =	ZN	4.172	3.6420	4.4548	4.4000	3.7562
	GRADE 3 =	AG	42.570	38.4928	45.2258	51.6667	41.1875
	GRADE 4 =	AU	.628	.6386	.7261	.6933	.7119
	GRADE 5 =	EQ1	7.028	6.3928	7.7677	7.7667	6.4312

* 4A*	ABOVE	3.50	268858.	203601.	88749.	10441.	54816.
	GRADE 1 =	PB	2.816	2.6103	3.1765	2.9500	2.4143
	GRADE 2 =	ZN	4.118	3.4808	4.2471	3.8250	3.3857
	GRADE 3 =	AG	42.000	36.9359	43.6176	46.0000	37.9524
	GRADE 4 =	AU	.625	.6271	.7665	.8075	.8229
	GRADE 5 =	EQ1	6.934	6.0910	7.4235	6.7750	5.8000

* 4A*	WASTE = 3.50		112242.	75698.	18272.	23492.	15662.
	GRADE 1 = PB		1.005	.9931	.6429	.7667	.8000
	GRADE 2 = ZN		1.305	1.1655	.9857	.9778	1.0000
	GRADE 3 = AG		18.419	16.6897	16.2857	17.8889	19.1667
	GRADE 4 = AU		.588	.6093	.7900	1.4133	.7700
	GRADE 5 = EQ1		2.309	2.1586	1.6286	1.7444	1.8000

* 4A* TOTAL TONS 381100. 279299. 107021. 33934. 70477.

UND. T.F. = .36

UND.	WASTE = 3.50		5838545.	5838545.	5838545.	5838545.	5838545.
	GRADE 1 = PB		0.	0.	0.	0.	0.
	GRADE 2 = ZN		0.	0.	0.	0.	0.
	GRADE 3 = AG		0.	0.	0.	0.	0.
	GRADE 4 = AU		0.	0.	0.	0.	0.
	GRADE 5 = EQ1		0.	0.	0.	0.	0.

UND. TOTAL TONS 5838545. 5838545. 5838545. 5838545. 5838545.

*UNSPECIFIED TONS 0. 0. 0. 0. 0.

**BENCH TOTAL TONS 7774317. 7789275. 7807126. 7798202. 7825590.

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO.	16	17	18	19	20
BENCH TOE ELEVATION	1073.	1067.	1061.	1055.	1049.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE - -.00	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* O/B* TOTAL TONS 0. 0. 0. 0. 0.

* S/4L* T.F.= .36

* S/4L* WASTE - -.00	1218645.	1201983.	1194843.	1313851.	1518545.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* S/4L* TOTAL TONS 1218645. 1201983. 1194843. 1313851. 1518545.

* 4G* T.F.= .24

* 4G* ABOVE 4.50	231111.	39111.	64000.	14222.	0.
GRADE 1 = PB	4.054	3.4182	3.2111	3.4000	0.
GRADE 2 = ZN	5.417	3.9727	3.8556	3.4250	0.
GRADE 3 = AG	61.000	45.3636	49.0556	46.7500	0.
GRADE 4 = AU	.866	.8618	.5339	1.2525	0.
GRADE 5 = EQ1	9.471	7.3909	7.0667	6.8250	0.

* 4G* ABOVE 4.00	238222.	39111.	67556.	14222.	0.
GRADE 1 = PB	3.996	3.4182	3.1526	3.4000	0.
GRADE 2 = ZN	5.319	3.9727	3.7684	3.4250	0.
GRADE 3 = AG	60.164	45.3636	48.0000	46.7500	0.
GRADE 4 = AU	.877	.8618	.5500	1.2525	0.
GRADE 5 = EQ1	9.315	7.3909	6.9211	6.8250	0.

* 4G* ABOVE 3.50	241778.	39111.	67556.	14222.	0.
GRADE 1 = PB	3.965	3.4182	3.1526	3.4000	0.
GRADE 2 = ZN	5.268	3.9727	3.7684	3.4250	0.
GRADE 3 = AG	59.779	45.3636	48.0000	46.7500	0.

	GRADE 4 = AU	.883	.8618	.5500	1.2525	0.
	GRADE 5 = EQ1	9.232	7.3909	6.9211	6.8250	0.
* 4G*	WASTE= 3.50	3556.	0.	17778.	0.	0.
	GRADE 1 = PB	.900	0.	1.3600	0.	0.
	GRADE 2 = ZN	.800	0.	1.2000	0.	0.
	GRADE 3 = AG	23.000	0.	20.4000	0.	0.
	GRADE 4 = AU	1.430	0.	1.0080	0.	0.
	GRADE 5 = EQ1	1.700	0.	2.5600	0.	0.
* 4G*	TOTAL TONS	245333.	39111.	85333.	14222.	0.
4EFH	T.F.=	.24				
4EFH	ABOVE 4.50	184889.	195556.	81778.	184889.	0.
	GRADE 1 = PB	4.100	3.4255	3.2174	2.9404	0.
	GRADE 2 = ZN	4.798	4.2764	3.4304	3.2673	0.
	GRADE 3 = AG	57.154	51.3273	45.0435	44.1538	0.
	GRADE 4 = AU	.838	.7307	.5983	.7335	0.
	GRADE 5 = EQ1	8.898	7.7018	6.6478	6.2077	0.
4EFH	ABOVE 4.00	192000.	206222.	92444.	188444.	0.
	GRADE 1 = PB	4.009	3.3517	3.1269	2.9189	0.
	GRADE 2 = ZN	4.711	4.1672	3.2385	3.2509	0.
	GRADE 3 = AG	56.037	50.1897	43.2308	43.9245	0.
	GRADE 4 = AU	.836	.7614	.6765	.7357	0.
	GRADE 5 = EQ1	8.720	7.5190	6.3654	6.1698	0.
4EFH	ABOVE 3.50	192000.	213333.	96000.	195556.	0.
	GRADE 1 = PB	4.009	3.3000	3.0852	2.8818	0.
	GRADE 2 = ZN	4.711	4.0950	3.1778	3.1964	0.
	GRADE 3 = AG	56.037	49.4167	42.5926	43.5455	0.
	GRADE 4 = AU	.836	.7840	.6926	.7344	0.
	GRADE 5 = EQ1	8.720	7.3950	6.2630	6.0782	0.
4EFH	WASTE= 3.50	3556.	7111.	21333.	10667.	3556.
	GRADE 1 = PB	1.100	1.4000	1.4833	1.0667	1.9000
	GRADE 2 = ZN	1.600	1.7000	1.2333	1.0667	1.5000
	GRADE 3 = AG	22.000	23.0000	24.3333	23.6667	22.0000
	GRADE 4 = AU	1.130	1.1450	1.0883	.7933	1.0200
	GRADE 5 = EQ1	2.700	3.1000	2.7167	2.1333	3.4000
4EFH	TOTAL TONS	195556.	220444.	117333.	206222.	3556.
* 4GE*	T.F.=	.24				
* 4GE*	ABOVE 4.50	0.	157743.	53776.	21510.	0.
	GRADE 1 = PB	0.	3.9136	3.6000	3.0833	0.
	GRADE 2 = ZN	0.	4.6386	4.1200	3.7167	0.
	GRADE 3 = AG	0.	55.9091	53.9333	46.8333	0.
	GRADE 4 = AU	0.	.7720	.4587	.8467	0.
	GRADE 5 = EQ1	0.	8.5523	7.7200	6.8000	0.
* 4GE*	ABOVE 4.00	0.	164913.	57361.	25095.	0.

GRADE 1 =	PB	0.	3.8370	3.5250	2.9429	0.
GRADE 2 =	ZN	0.	4.5348	3.9687	3.4714	0.
GRADE 3 =	AG	0.	54.8043	52.2500	44.7143	0.
GRADE 4 =	AU	0.	.7933	.5169	.8314	0.
GRADE 5 =	EQ1	0.	8.3717	7.4937	6.4143	0.

* 4GF* ABOVE 3.50		0.	175668.	57361.	25095.	0.
GRADE 1 =	PB	0.	3.7020	3.5250	2.9429	0.
GRADE 2 =	ZN	0.	4.3755	3.9687	3.4714	0.
GRADE 3 =	AG	0.	53.0204	52.2500	44.7143	0.
GRADE 4 =	AU	0.	.8304	.5169	.8314	0.
GRADE 5 =	EQ1	0.	8.0776	7.4937	6.4143	0.

* 4GE* WASTE- 3.50		0.	7170.	0.	0.	0.
GRADE 1 =	PB	0.	1.0000	0.	0.	0.
GRADE 2 =	ZN	0.	1.4000	0.	0.	0.
GRADE 3 =	AG	0.	18.5000	0.	0.	0.
GRADE 4 =	AU	0.	1.0550	0.	0.	0.
GRADE 5 =	EQ1	0.	2.4000	0.	0.	0.

* 4GE* TOTAL TONS		0.	182838.	57361.	25095.	0.
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* 4CE* T.F.= .27

* 4CE* ABOVE 4.50		3224.	9672.	12896.	9672.	0.
GRADE 1 =	PB	2.600	3.1667	3.7250	2.4333	0.
GRADE 2 =	ZN	3.100	3.8333	4.0000	2.9333	0.
GRADE 3 =	AG	45.000	46.0000	47.7500	38.6667	0.
GRADE 4 =	AU	.520	.8700	1.0025	.8733	0.
GRADE 5 =	EQ1	5.700	7.0000	7.7250	5.3667	0.

* 4CE* ABOVE 4.00		3224.	9672.	12896.	19343.	0.
GRADE 1 =	PB	2.600	3.1667	3.7250	2.2000	0.
GRADE 2 =	ZN	3.100	3.8333	4.0000	2.6167	0.
GRADE 3 =	AG	45.000	46.0000	47.7500	36.0000	0.
GRADE 4 =	AU	.520	.8700	1.0025	.7933	0.
GRADE 5 =	EQ1	5.700	7.0000	7.7250	4.8167	0.

* 4CE* ABOVE 3.50		9672.	9672.	12896.	19343.	0.
GRADE 1 =	PB	1.967	3.1667	3.7250	2.2000	0.
GRADE 2 =	ZN	2.467	3.8333	4.0000	2.6167	0.
GRADE 3 =	AG	36.000	46.0000	47.7500	36.0000	0.
GRADE 4 =	AU	.703	.8700	1.0025	.7933	0.
GRADE 5 =	EQ1	4.433	7.0000	7.7250	4.8167	0.

* 4CE* WASTE- 3.50		32239.	0.	0.	0.	0.
GRADE 1 =	PB	1.100	0.	0.	0.	0.
GRADE 2 =	ZN	1.370	0.	0.	0.	0.
GRADE 3 =	AG	22.300	0.	0.	0.	0.
GRADE 4 =	AU	.895	0.	0.	0.	0.
GRADE 5 =	EQ1	2.470	0.	0.	0.	0.

* 4CE* TOTAL TONS		41910.	9672.	12896.	19343.	0.
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4BCD T.F. = .28

4BCD	ABOVE	4.50	9191.	98043.	64340.	21447.	33702.
	GRADE 1 =	PB	2.433	2.8437	2.5381	2.1714	2.1727
	GRADE 2 =	ZN	3.333	3.2875	3.2905	2.6714	2.9364
	GRADE 3 =	AG	40.667	40.8750	39.9524	35.2857	32.3636
	GRADE 4 =	AU	1.037	1.0506	.6143	.9443	1.0964
	GRADE 5 =	EQ1	5.767	6.1312	5.8286	4.8429	5.1091

4BCD	ABOVE	4.00	21447.	116426.	82723.	24511.	52085.
	GRADE 1 =	PB	1.986	2.7289	2.3667	2.1125	1.9941
	GRADE 2 =	ZN	2.843	3.0842	3.1074	2.6250	2.7588
	GRADE 3 =	AG	34.000	39.2105	37.2593	34.5000	30.1765
	GRADE 4 =	AU	1.029	1.0439	.6396	.9375	1.0665
	GRADE 5 =	EQ1	4.829	5.8132	5.4741	4.7375	4.7529

4BCD	ABOVE	3.50	55149.	147064.	110298.	55149.	55149.
	GRADE 1 =	PB	1.794	2.5104	2.1861	1.9056	1.9833
	GRADE 2 =	ZN	2.356	2.8479	2.8333	2.2667	2.7000
	GRADE 3 =	AG	29.611	36.7708	34.7222	32.0556	29.8889
	GRADE 4 =	AU	1.047	1.0292	.7028	.8544	1.0528
	GRADE 5 =	EQ1	4.150	5.3583	5.0194	4.1722	4.6833

4BCD	WASTE -	3.50	150128.	165447.	321702.	242043.	260426.
	GRADE 1 =	PB	.957	.9926	.7990	.8848	1.0047
	GRADE 2 =	ZN	.973	1.2426	1.0114	1.1722	1.2988
	GRADE 3 =	AG	19.184	18.4074	15.4762	17.5823	15.7412
	GRADE 4 =	AU	1.011	.7350	.8169	.6301	.8616
	GRADE 5 =	EQ1	1.931	2.2352	1.8105	2.0570	2.3035

4BCD TOTAL TONS 205277. 312511. 432000. 297191. 315574.

* 4A* T.F. = .33

* 4A*	ABOVE	4.50	62647.	15662.	31323.	0.	0.
	GRADE 1 =	PB	3.387	2.1500	1.9333	0.	0.
	GRADE 2 =	ZN	4.575	3.6000	3.6833	0.	0.
	GRADE 3 =	AG	50.833	35.0000	34.0833	0.	0.
	GRADE 4 =	AU	.663	.7367	.5783	0.	0.
	GRADE 5 =	EQ1	7.962	5.7500	5.6167	0.	0.

* 4A*	ABOVE	4.00	67867.	15662.	31323.	0.	0.
	GRADE 1 =	PB	3.262	2.1500	1.9333	0.	0.
	GRADE 2 =	ZN	4.412	3.6000	3.6833	0.	0.
	GRADE 3 =	AG	49.154	35.0000	34.0833	0.	0.
	GRADE 4 =	AU	.683	.7367	.5783	0.	0.
	GRADE 5 =	EQ1	7.673	5.7500	5.6167	0.	0.

* 4A*	ABOVE	3.50	70477.	18272.	31323.	0.	0.
	GRADE 1 =	PB	3.200	2.0429	1.9333	0.	0.
	GRADE 2 =	ZN	4.333	3.4429	3.6833	0.	0.
	GRADE 3 =	AG	48.296	33.7143	34.0833	0.	0.
	GRADE 4 =	AU	.694	.7657	.5783	0.	0.
	GRADE 5 =	EQ1	7.533	5.4857	5.6167	0.	0.

* 4A* WASTE= 3.50	10441.	15662.	39154.	60036.	13051.
GRADE 1 = PB	.975	.5667	.4733	.2957	0.
GRADE 2 = ZN	1.400	.9500	.5600	.4478	0.
GRADE 3 = AG	19.250	13.3333	9.8667	7.0435	0.
GRADE 4 = AU	.972	.6267	.5700	.4770	0.
GRADE 5 = EQ1	2.375	1.5167	1.0333	.7435	0.

* 4A* TOTAL TONS 80918. 33934. 70477. 60036. 13051.

UND. T.F.= .36

UND. WASTE= 3.50	5838545.	5838545.	5838545.	5838545.	5838545.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

UND. TOTAL TONS 5838545. 5838545. 5838545. 5838545. 5838545.

*UNSPECIFIED TONS 0. 0. 0. 0. 0.

**BENCH TOTAL TONS 7826184. 7839038. 7808789. 7774508. 7689272.

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO.	21	22	23	24	25
BENCH TOE ELEVATION	1043.	1037.	1031.	1025.	1019.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE= -.00	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

* O/B* TOTAL TONS 0. 0. 0. 0. 0.

5/4L T.F.= .36

5/4L WASTE= -.00	1587570.	1616132.	1642314.	1666116.	1682777.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.

5/4L TOTAL TONS 1587570. 1616132. 1642314. 1666116. 1682777.

* 4G* T.F.= .24

* 4G* ABOVE 4.50	0.	0.	39111.	10667.	0.
GRADE 1 = PB	0.	0.	3.3455	2.0000	0.
GRADE 2 = ZN	0.	0.	4.0545	2.6000	0.
GRADE 3 = AG	0.	0.	54.7273	33.0000	0.
GRADE 4 = AU	0.	0.	1.3755	.7100	0.
GRADE 5 = EQ1	0.	0.	7.4000	4.6000	0.

* 4G* ABOVE 4.00	0.	0.	39111.	17778.	0.
GRADE 1 = PB	0.	0.	3.3455	1.9200	0.
GRADE 2 = ZN	0.	0.	4.0545	2.5200	0.
GRADE 3 = AG	0.	0.	54.7273	31.4000	0.
GRADE 4 = AU	0.	0.	1.3755	.6660	0.
GRADE 5 = EQ1	0.	0.	7.4000	4.4400	0.

* 4G* ABOVE 3.50	0.	0.	39111.	24889.	0.
GRADE 1 = PB	0.	0.	3.3455	1.8143	0.
GRADE 2 = ZN	0.	0.	4.0545	2.4000	0.
GRADE 3 = AG	0.	0.	54.7273	29.4286	0.

GRADE 4 = AU	0.	0.	1.3755	.5929	0.
GRADE 5 = EQ1	0.	0.	7.4000	4.2143	0.
* 4G* WASTE- 3.50	0.	0.	0.	0.	0.
GRADE 1 = PB	0.	0.	0.	0.	0.
GRADE 2 = ZN	0.	0.	0.	0.	0.
GRADE 3 = AG	0.	0.	0.	0.	0.
GRADE 4 = AU	0.	0.	0.	0.	0.
GRADE 5 = EQ1	0.	0.	0.	0.	0.
* 4G* TOTAL TONS	0.	0.	39111.	24889.	0.
4EFH T.F.= .24					
4EFH ABOVE 4.50	21333.	7111.	7111.	21333.	35556.
GRADE 1 = PB	2.683	2.8500	3.7000	2.2500	2.6000
GRADE 2 = ZN	2.583	3.2500	4.5000	2.9000	3.3000
GRADE 3 = AG	36.167	33.5000	60.0000	36.6667	43.0000
GRADE 4 = AU	1.248	1.0600	1.4650	.8533	1.0000
GRADE 5 = EQ1	5.267	6.1000	8.2000	5.1500	5.9000
4EFH ABOVE 4.00	32000.	7111.	7111.	21333.	35556.
GRADE 1 = PB	2.456	2.8500	3.7000	2.2500	2.6000
GRADE 2 = ZN	2.444	3.2500	4.5000	2.9000	3.3000
GRADE 3 = AG	33.556	33.5000	60.0000	36.6667	43.0000
GRADE 4 = AU	1.139	1.0600	1.4650	.8533	1.0000
GRADE 5 = EQ1	4.900	6.1000	8.2000	5.1500	5.9000
4EFH ABOVE 3.50	39111.	7111.	7111.	21333.	35556.
GRADE 1 = PB	2.345	2.8500	3.7000	2.2500	2.6000
GRADE 2 = ZN	2.336	3.2500	4.5000	2.9000	3.3000
GRADE 3 = AG	32.364	33.5000	60.0000	36.6667	43.0000
GRADE 4 = AU	1.098	1.0600	1.4650	.8533	1.0000
GRADE 5 = EQ1	4.682	6.1000	8.2000	5.1500	5.9000
4EFH WASTE- 3.50	10667.	0.	0.	3556.	0.
GRADE 1 = PB	1.333	0.	0.	1.4000	0.
GRADE 2 = ZN	1.467	0.	0.	1.9000	0.
GRADE 3 = AG	20.667	0.	0.	23.0000	0.
GRADE 4 = AU	.580	0.	0.	.5100	0.
GRADE 5 = EQ1	2.800	0.	0.	3.3000	0.
4EFH TOTAL TONS	49778.	7111.	7111.	24889.	35556.
* 4GE* T.F.= .24					
* 4GE* ABOVE 4.50	0.	3585.	0.	0.	0.
GRADE 1 = PB	0.	3.5000	0.	0.	0.
GRADE 2 = ZN	0.	4.2000	0.	0.	0.
GRADE 3 = AG	0.	55.0000	0.	0.	0.
GRADE 4 = AU	0.	1.1500	0.	0.	0.
GRADE 5 = EQ1	0.	7.7000	0.	0.	0.
* 4GE* ABOVE 4.00	0.	7170.	0.	0.	0.

GRADE 1 =	PB	0.	2.9000	0.	0.	0.
GRADE 2 =	ZN	0.	3.0000	0.	0.	0.
GRADE 3 =	AG	0.	39.0000	0.	0.	0.
GRADE 4 =	AU	0.	.9900	0.	0.	0.
GRADE 5 =	EQ1	0.	5.9000	0.	0.	0.

* 4GE* ABOVE 3.50		0.	7170.	0.	0.	0.
GRADE 1 =	PB	0.	2.9000	0.	0.	0.
GRADE 2 =	ZN	0.	3.0000	0.	0.	0.
GRADE 3 =	AG	0.	39.0000	0.	0.	0.
GRADE 4 =	AU	0.	.9900	0.	0.	0.
GRADE 5 =	EQ1	0.	5.9000	0.	0.	0.

* 4GE* WASTE- 3.50		0.	3585.	0.	0.	0.
GRADE 1 =	PB	0.	1.7000	0.	0.	0.
GRADE 2 =	ZN	0.	1.4000	0.	0.	0.
GRADE 3 =	AG	0.	22.0000	0.	0.	0.
GRADE 4 =	AU	0.	1.0600	0.	0.	0.
GRADE 5 =	EQ1	0.	3.1000	0.	0.	0.

* 4GE* TOTAL TONS 0. 10755. 0. 0. 0.

* 4CE* T.F.= .27

* 4CE* ABOVE 4.50		0.	0.	0.	0.	0.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4CE* ABOVE 4.00		0.	0.	0.	0.	0.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4CE* ABOVE 3.50		0.	0.	0.	0.	0.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4CE* WASTE- 3.50		0.	0.	0.	0.	3224.
GRADE 1 =	PB	0.	0.	0.	0.	0.
GRADE 2 =	ZN	0.	0.	0.	0.	0.
GRADE 3 =	AG	0.	0.	0.	0.	0.
GRADE 4 =	AU	0.	0.	0.	0.	0.
GRADE 5 =	EQ1	0.	0.	0.	0.	0.

* 4CE* TOTAL TONS 0. 0. 0. 0. 3224.

UNITED BY 495

4BCD T.F.= .28

4BCD	ABOVE	4.50	12255.	15319.	24511.	0.	0.
	GRADE 1 =	PB	1.825	2.4400	3.7375	0.	0.
	GRADE 2 =	ZN	3.100	2.7200	4.5875	0.	0.
	GRADE 3 =	AG	29.000	34.6000	58.2500	0.	0.
	GRADE 4 =	AU	.870	1.1840	1.2325	0.	0.
	GRADE 5 =	EQ1	4.925	5.1600	8.3250	0.	0.

4BCD	ABOVE	4.00	27574.	27574.	24511.	0.	0.
	GRADE 1 =	PR	1.633	2.2778	3.7375	0.	0.
	GRADE 2 =	ZN	2.822	2.4556	4.5875	0.	0.
	GRADE 3 =	AG	24.889	31.3333	58.2500	0.	0.
	GRADE 4 =	AU	.819	.9811	1.2325	0.	0.
	GRADE 5 =	EQ1	4.456	4.7333	8.3250	0.	0.

4BCD	ABOVE	3.50	55149.	42894.	30638.	3064.	0.
	GRADE 1 =	PB	1.528	2.1857	3.3400	1.5000	0.
	GRADE 2 =	ZN	2.506	2.1786	4.0800	2.0000	0.
	GRADE 3 =	AG	23.500	28.6429	52.9000	22.0000	0.
	GRADE 4 =	AU	.799	.9700	1.2150	.3400	0.
	GRADE 5 =	EQ1	4.033	4.3643	7.4200	3.5000	0.

4BCD	WASTE -	3.50	61277.	52085.	42894.	18383.	30638.
	GRADE 1 =	PB	.910	.9882	.8214	1.1000	.7800
	GRADE 2 =	ZN	1.415	.9647	.8929	1.8000	1.0700
	GRADE 3 =	AG	18.500	17.0000	15.7143	18.0000	12.5000
	GRADE 4 =	AU	.684	.8853	.7729	.3600	.0560
	GRADE 5 =	EQ1	2.325	1.9529	1.7143	2.9000	1.8500

4BCD TOTAL TONS 116426. 94979. 73532. 21447. 30638.

* 4A* T.F.= .33

* 4A*	ABOVE	4.50	0.	7831.	0.	0.	0.
	GRADE 1 =	PB	0.	2.4000	0.	0.	0.
	GRADE 2 =	ZN	0.	2.7333	0.	0.	0.
	GRADE 3 =	AG	0.	38.0000	0.	0.	0.
	GRADE 4 =	AU	0.	1.1900	0.	0.	0.
	GRADE 5 =	EQ1	0.	5.1333	0.	0.	0.

* 4A*	ABOVE	4.00	0.	15662.	0.	0.	0.
	GRADE 1 =	PB	0.	2.2167	0.	0.	0.
	GRADE 2 =	ZN	0.	2.5000	0.	0.	0.
	GRADE 3 =	AG	0.	31.3333	0.	0.	0.
	GRADE 4 =	AU	0.	.9650	0.	0.	0.
	GRADE 5 =	EQ1	0.	4.7167	0.	0.	0.

* 4A*	ABOVE	3.50	0.	18272.	0.	0.	0.
	GRADE 1 =	PB	0.	2.1571	0.	0.	0.
	GRADE 2 =	ZN	0.	2.4429	0.	0.	0.
	GRADE 3 =	AG	0.	29.8571	0.	0.	0.
	GRADE 4 =	AU	0.	.9271	0.	0.	0.
	GRADE 5 =	EQ1	0.	4.6000	0.	0.	0.

* 4A*	WASTE-	3.50	73088.	65257.	52205.	67867.	49595.
	GRADE 1 =	PB	.657	.6400	.5500	.8231	.4632
	GRADE 2 =	ZN	1.089	.9360	.6600	1.3385	.6474
	GRADE 3 =	AG	12.321	10.1600	10.6500	14.5000	10.1053
	GRADE 4 =	AU	.370	.2464	.3545	.2692	.0616
	GRADE 5 =	EQ1	1.746	1.5760	1.2100	2.1615	1.1105

* 4A*	TOTAL TONS		73088.	83529.	52205.	67867.	49595.
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UND. T.F.= .36

UND.	WASTE-	3.50	5838545.	5838545.	5838545.	5838545.	5838545.
	GRADE 1 =	PB	0.	0.	0.	0.	0.
	GRADE 2 =	ZN	0.	0.	0.	0.	0.
	GRADE 3 =	AG	0.	0.	0.	0.	0.
	GRADE 4 =	AU	0.	0.	0.	0.	0.
	GRADE 5 =	EQ1	0.	0.	0.	0.	0.

UND.	TOTAL TONS		5838545.	5838545.	5838545.	5838545.	5838545.
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*UNSPECIFIED	TONS		0.	0.	0.	0.	0.
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**BENCH	TOTAL TONS		7665407.	7651051.	7652819.	7643753.	7640335.
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** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO. 26
 BENCH TOE ELEVATION 1013.

AREA 1: GEOLOGIC

* 0/B* T.F.= .36

* 0/B* WASTE= -.00 0.
 GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* 0/B* TOTAL TONS 0.

* 5/4L* T.F.= .36

* 5/4L* WASTE= -.00 1685157.
 GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* 5/4L* TOTAL TONS 1685157.

* 4G* T.F.= .24

* 4G* ABOVE 4.50 0.
 GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* 4G* ABOVE 4.00 0.

GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* 4G* ABOVE 3.50 0.

GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.

GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4G* WASTE- 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4G* TOTAL TONS 0.

4EFH T.F.= .24

4EFH ABOVE 4.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4EFH ABOVE 4.00 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4EFH ABOVE 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4EFH WASTE- 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4EFH TOTAL TONS 0.

* 4GE* T.F.= .24

* 4GE* ABOVE 4.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4GE* ABOVE 4.00 0.

GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4GE* ABOVE 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4GE* WASTE- 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4GE* TOTAL TONS 0.

* 4CE* T.F.= .27

* 4CE* ABOVE 4.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4CE* ABOVE 4.00 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4CE* ABOVE 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4CE* WASTE- 3.50 3224.
GRADE 1 = PB .700
GRADE 2 = ZN .900
GRADE 3 = AG 11.000
GRADE 4 = AU .040
GRADE 5 = EQ1 1.600

* 4CE* TOTAL TONS 3224.

4BCD T.F.= .28

4BCD ABOVE 4.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4BCD ABOVE 4.00 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4BCD ABOVE 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

4BCD WASTE- 3.50 70468.
GRADE 1 = PB .417
GRADE 2 = ZN .670
GRADE 3 = AG 8.609
GRADE 4 = AU .043
GRADE 5 = EQ1 1.087

4BCD TOTAL TONS 70468.

* 4A* T.F.= .33

* 4A* ABOVE 4.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4A* ABOVE 4.00 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4A* ABOVE 3.50 0.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

* 4A* WASTE= 3.50 39154.
GRADE 1 = PB .313
GRADE 2 = ZN .600
GRADE 3 = AG 8.067
GRADE 4 = AU .049
GRADE 5 = EQ1 .913

* 4A* TOTAL TONS 39154.

UND. T.F.= .36

UND. WASTE= 3.50 5838545.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

UND. TOTAL TONS 5838545.

*UNSPECIFIED TONS 0.

**BENCH TOTAL TONS 7636548.

** VANGORDA MODEL, GEOLOGICAL RESERVES OCT. 1980 **
 CYPRUS ANVIL MINING CORPORATION ***
 V A N G O R D A D E P O S I T

SUMMARY OF RESERVES FOR GEOLOGIC

BENCH REFERENCE NO. 26
 BENCH TOE ELEVATION 1013.

AREA 1: GEOLOGIC

* O/B* T.F.= .36

* O/B* WASTE - -.00 7349950.
 GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* O/B* TOTAL TONS 7349950.

* 5/4L* T.F.= .36

* 5/4L* WASTE - -.00 25589157.
 GRADE 1 = PB 0.
 GRADE 2 = ZN 0.
 GRADE 3 = AG 0.
 GRADE 4 = AU 0.
 GRADE 5 = EQ1 0.

* 5/4L* TOTAL TONS 25589157.

* 4G* T.F.= .24

* 4G* ABOVE 4.50 1248000.
 GRADE 1 = PB 3.789
 GRADE 2 = ZN 5.276
 GRADE 3 = AG 54.906
 GRADE 4 = AU .648
 GRADE 5 = EQ1 9.065

* 4G* ABOVE 4.00 1269333.
 GRADE 1 = PB 3.758
 GRADE 2 = ZN 5.226
 GRADE 3 = AG 54.485
 GRADE 4 = AU .651
 GRADE 5 = EQ1 8.983

* 4G* ABOVE 3.50 1297778.
 GRADE 1 = PB 3.709
 GRADE 2 = ZN 5.159
 GRADE 3 = AG 53.855

GRADE 4 = AU .655
GRADE 5 = EQ1 8.868

* 4G* WASTE- 3.50 28444.
GRADE 1 = PB 1.200
GRADE 2 = ZN 1.237
GRADE 3 = AG 20.125
GRADE 4 = AU 1.002
GRADE 5 = EQ1 2.437

* 4G* TOTAL TONS 1326222.

4EFH T.F.= .24

4EFH ABOVE 4.50 1404444.
GRADE 1 = PB 3.581
GRADE 2 = ZN 4.356
GRADE 3 = AG 50.916
GRADE 4 = AU .776
GRADE 5 = EQ1 7.936

4EFH ABOVE 4.00 1479111.
GRADE 1 = PB 3.504
GRADE 2 = ZN 4.244
GRADE 3 = AG 49.837
GRADE 4 = AU .792
GRADE 5 = EQ1 7.748

4EFH ABOVE 3.50 1528889.
GRADE 1 = PB 3.450
GRADE 2 = ZN 4.166
GRADE 3 = AG 49.119
GRADE 4 = AU .801
GRADE 5 = EQ1 7.616

4EFH WASTE- 3.50 142222.
GRADE 1 = PB 1.075
GRADE 2 = ZN 1.067
GRADE 3 = AG 18.500
GRADE 4 = AU .842
GRADE 5 = EQ1 2.142

4EFH TOTAL TONS 1671111.

* 4GE* T.F.= .24

* 4GE* ABOVE 4.50 573610.
GRADE 1 = PB 3.686
GRADE 2 = ZN 4.685
GRADE 3 = AG 53.162
GRADE 4 = AU .760
GRADE 5 = EQ1 8.371

* 4GE* ABOVE 4.00 595120

GRADE	1 =	PB	3.631
GRADE	2 =	ZN	4.590
GRADE	3 =	AG	52.265
GRADE	4 =	AU	.769
GRADE	5 =	EQ1	8.220

* 4GE* ABOVE 3.50 609461.
GRADE 1 = PB 3.583
GRADE 2 = ZN 4.529
GRADE 3 = AG 51.629
GRADE 4 = AU .777
GRADE 5 = EQ1 8.112

* 4GE* WASTE- 3.50 32266.
GRADE 1 = PB .944
GRADE 2 = ZN 1.322
GRADE 3 = AG 18.556
GRADE 4 = AU .612
GRADE 5 = EQ1 2.267

* 4GE* TOTAL TONS 641726.

* 4CE* T.F.= .27

* 4CE* ABOVE 4.50 135403.
GRADE 1 = PB 3.243
GRADE 2 = ZN 4.193
GRADE 3 = AG 46.095
GRADE 4 = AU .794
GRADE 5 = EQ1 7.436

* 4CE* ABOVE 4.00 151522.
GRADE 1 = PB 3.102
GRADE 2 = ZN 3.998
GRADE 3 = AG 44.702
GRADE 4 = AU .808
GRADE 5 = EQ1 7.100

* 4CE* ABOVE 3.50 157970.
GRADE 1 = PB 3.043
GRADE 2 = ZN 3.922
GRADE 3 = AG 44.163
GRADE 4 = AU .808
GRADE 5 = EQ1 6.965

* 4CE* WASTE- 3.50 64478.
GRADE 1 = PB .765
GRADE 2 = ZN .990
GRADE 3 = AG 15.450
GRADE 4 = AU .569
GRADE 5 = EQ1 1.755

* 4CE* TOTAL TONS 222448.

4BCD T.F.= .28

4BCD ABOVE 4.50 618894.
GRADE 1 = PB 2.681
GRADE 2 = ZN 3.487
GRADE 3 = AG 38.683
GRADE 4 = AU .860
GRADE 5 = EQ1 6.168

4BCD ABOVE 4.00 772085.
GRADE 1 = PB 2.509
GRADE 2 = ZN 3.258
GRADE 3 = AG 36.476
GRADE 4 = AU .863
GRADE 5 = EQ1 5.767

4BCD ABOVE 3.50 1050894.
GRADE 1 = PB 2.286
GRADE 2 = ZN 2.931
GRADE 3 = AG 33.915
GRADE 4 = AU .873
GRADE 5 = EQ1 5.217

4BCD WASTE- 3.50 2567489.
GRADE 1 = PB .828
GRADE 2 = ZN 1.026
GRADE 3 = AG 16.420
GRADE 4 = AU .746
GRADE 5 = EQ1 1.855

4BCD TOTAL TONS 3618383.

* 4A* T.F.= .33

* 4A* ABOVE 4.50 866610.
GRADE 1 = PB 3.003
GRADE 2 = ZN 4.204
GRADE 3 = AG 43.892
GRADE 4 = AU .665
GRADE 5 = EQ1 7.207

* 4A* ABOVE 4.00 942308.
GRADE 1 = PB 2.903
GRADE 2 = ZN 4.065
GRADE 3 = AG 42.532
GRADE 4 = AU .672
GRADE 5 = EQ1 6.968

* 4A* ABOVE 3.50 1031057.
GRADE 1 = PB 2.785
GRADE 2 = ZN 3.910
GRADE 3 = AG 41.068
GRADE 4 = AU .683
GRADE 5 = EQ1 6.695

* 4A* WASTE= 3.50 864000.
GRADE 1 = PB .715
GRADE 2 = ZN 1.003
GRADE 3 = AG 13.477
GRADE 4 = AU .476
GRADE 5 = EQ1 1.718

* 4A* TOTAL TONS 1895057.

UND. T.F.= .36

UND. WASTE= 3.50 203654082.
GRADE 1 = PB 0.
GRADE 2 = ZN 0.
GRADE 3 = AG 0.
GRADE 4 = AU 0.
GRADE 5 = EQ1 0.

UND. TOTAL TONS 203654082.

*UNSPECIFIED TONS 0.

**BENCH TOTAL TONS 245968137.

***M712V1 RELEASE 9** REVISD 15 JAN, 1975

MEDS PROPRIETARY SOFTWARE: MINTEC INC., TUCSON, AZ.

** FILE 10: PROJECT CONTROL FILE **

NORMAL RUN TERMINATION M712V1 VERSION 1.

DATA FILE PCF.VG	*	NO.	#IN	#OUT	FUNC.
-----	*	---	---	---	---
	*	10	3	0	2

DATA FILE RESRVS.VG	*	NO.	#IN	#OUT	FUNC.
-----	*	---	---	---	---
	*	18	26	0	2

*** M712V1**** FINISHED ON 10/02/80 AT 23:05:09