

#5 LEVEL (5272') Invermay.

DDH

6B - 30' - .233

6A - 250' - .17 Flat

3 - 255' - .46

4 - 330 - .38

5C - Weak other than for 20' near collar. - Flat

5 - Weak. - Flat

5B - 157' - .27 Flat.

5E - 160' - .45 Flat

V1 - 110' - .32 (+45°)

V2 - 95' - .37 (-45°)

- SEC file. -

64035.0965
 - 10345
 0670

South

1965 Ore Reserve Calculation [North Zone]

LEVEL	PROV. T.D.D	Cu	Au	POSSIBLE
5850	^{30,280} 55,017	^{1.66} 1.63	.015	12,913
5790	^{29,274} 85,315	^{1.59} 1.20	.015	64,139
5690	^{277,095} 146,784	^{1.54} 1.09	? .024	104,765
5590	129,774	1.73	AV. (.017)	31,235
5490 ^{6th level}	^{126,139} 107,965	^{1.29} 1.21	.028	-
5390	^{66,226} 90,957	^{1.49} 1.44	.011	44,661
5290	58,709	1.64	.015	145,351
5215	123,339	1.86	.018	30,412
5140	136,200	1.56	.017	50,217
5065	91,396	1.49	.022	30,526
4965	111,269	1.68	.028	23,070
4890 ^{10th level}	^{92,248} 92,848	1.76	.011	3,347
4790	116,804	1.71	.012	24,729
4665	^{101,409} 104,409	1.40	.014	4,170
4615	73,409	1.57	.015	1,896
4565	93,565	1.25	.011	3,152
4490	91,717	1.39	.019	4,587
4440	83,739	1.36	.017	3,626
4340 ^{15th level}	45,626	1.12	.013	-
4290	16,452	1.09	AV (.017)	-
	<hr/> 1,855,294	<hr/> 1.63	<hr/> .017	<hr/> 582,796

from previous
 + 25,000
 + 55,000
 - 130,000
 + 68,000
 + 24,000
 + 3,000

- 198,000
 x 107,000
 90,000

CU-06-05R Center filling

NOTE → * based on # samples.
not width

no. of DOH

	Measurements	I	CU	
5850 ?	$\frac{45 \times 825}{12} = 3000$		0.9	10-03 Rise up 15-2 Rise down
5700 ✓	$\frac{87 \times 180 \times 100}{12} = 130,000$		2.1	2 + 1 no core
5690 ✓	—			
5590	$\frac{100 \times 180 \times \frac{1}{2} \times 190}{12} = 140,000$	Depth Width Length	2.6	2 *
5490 ^{4th} level	$\frac{100 \times 40 \times 110}{12} = 37,000$		1.5	3 *
4th. +	$\frac{100 \times 60 \times 200}{12} = 100,000$		2.3	2 + walls *
5390 ^{no} _{Adm} _{checked for} _{block.}	$\frac{100 \times 120 \times 240}{12} = 240,000$		5.1	4 ^{misleading} _{because of 1 hole H.G.}
5290 ✓	—			
5215 ✓ ^{top of} _{road}	$\frac{75 \times 180 \times \frac{1}{2} \times 230}{12} = 130,000$		3.4	8 + ^{3rd} _{no} _{coning} _{sections}
5140	$\frac{75 \times 180 \times \frac{1}{2} \times 180}{12} = 100,000$		3.4	10 + ^{4th} _{no} _{coning} _{sections}
5065 ✓	$\frac{87 \times 200 \times \frac{1}{2} \times 140}{12} = 140,000$		1.50	15 + ^{4th} _{no} _{coning} _{sections}
4965 ✓	$\frac{87 \times 240 \times 150}{12} = 260,000$		1.45	9 + ^{1 no} _{con} _{section}
4890 (10 th level)	$\frac{87 \times 195 \times 120}{12} = 170,000$		1.50	15
4790	$\frac{112 \times ((200 \times 80) + \frac{1}{2}(80 \times 200) + \frac{1}{2}(180 \times 70))}{12} = 250,000$		2.4	11

4665 ✓

$$87 \times \frac{1}{2} \left(\frac{13500}{12} + \frac{18000}{12} \right) + \frac{1}{2} (200 \times 180)$$

$$= 230,000 \quad \cdot 31$$

12 + no core centers

4615 ✓

$$50 \times \left[\frac{1}{2} (190 \times 150) + \frac{1}{2} \frac{(55 \times 190)}{12} + \frac{1}{2} (250 \times 160) \right]$$

$$= 50 \times \left[\frac{14250 + 5225 + 20000}{12} \right]$$

$$= 165,000 \quad \cdot 33$$

9 + 370 core

4565 ✓

$$60 \times \left[(130 \times 95) + \frac{1}{2} \frac{(100 \times 70)}{12} + \frac{1}{2} (250 \times 160) \right]$$

$$= 60 \times \left[12,350 + \frac{3500}{12} + 20,000 \right]$$

$$= 180,000 \quad \cdot 23$$

14 + no core

4490 ✓

$$60 \times \frac{75 \times 300}{12} = 110,000 \quad \cdot 23$$

9

4480 ✓

$$75 \times \frac{70 \times 250}{12}$$

$$= 110,000 \quad \cdot 27$$

9 + 1 no core

4340 ✓

$$75 \times \frac{80 \times 280}{12}$$

$$= 140,000 \quad \cdot 19$$

16 + 1 no core

2635 | 93167
 92387
 150

South

South Zone

Inner Core - 2,635,000 @ .35 ✓ ←

Outer Core - 1,855,000 @ 1.63

4,490,000 @ .88

Mini should go along with 1965 re return.

4500 tpd

15,500,000

3.5

5,000,000

1000 tpd @ 12 1/2 tpd

22635
- 2390

240

Dec 1, 1979

North Zone

Inner Core - 2,635,000 @ .35

922250

Outer Core - 1,851,694 @ 1.49

2759024

4,486,694

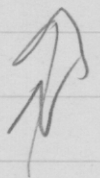
of 0.82

5575144.2
4330387.2

South End - (A.M. Group)

6, 7, 10
5470 5456 4880'

Levels.



Our Reserves

Class		Cu	Zone	Res	Agg	MoS ₂	
(1972)	2,777,984	1.35	North	.017	.72	.033	Hayden .8 Cut off
(Report)	2,610,000	1.28	"	.015	.65	.031	Weights
(Stock report 1968)	2,434,805	1.49	North	.017	.80	.037	
(Stacked thru Report Aug 1970)	3,200 t/metal foot	.62	<u>South</u>				from 10 level up 4845-5865
	(3,264,000 tons)						
	(of which 1500 v.f)	.85					

Dec 1965 Revised Our Reserves

5390 -	90,957 t	1.44	.011	.73	AV	44,661
5490 -	107,965	1.21	.022	.73	.107	0
5690 -	146,784	1.09	.024	.86	AV	104,765
5790 -	85,315	1.20	.015		AV AV	64,139

No figures for 5825 level.

ROTE FIGURES — Dec. 1973.

737,945 t. @ 1.81% Cu. > North zone
 debited 848,637 t @ 1.57% > based on 5 + drill holes.

Conserved only

1855294
582796
<u>2438090</u>

3200