

File

ORE RESERVE ESTIMATE AS AT 28TH NOVEMBER 1973

This year, for the first time, the ore reserve estimate is reported in tonnes. For comparison purposes the ore reserve estimate for the year ending 1st July 1972 is converted to tonnes.

The estimated ore reserve for this year is 377,250 tonnes compared to 394,300 tonnes at July, 1972, a decrease of 17,050 tonnes.

A total of 28,250 tonnes has been added to the reserve - 14,650 tonnes from horizontal development and subsequent up-dip exploration and 13,600 tonnes from stope development and extensions to known veining. However the combined results of extraction and revision of stoping width in some operating blocks has resulted in a net drop of 17,050 tonnes.

All blocks have been plotted on longitudinal projections and dimensions of blocks measured in the plane of the vein. Stopping widths average 4 feet and the maximum width assumed in new blocks is 4 feet for calculation purposes.

The classification of the ore reserve has been carried out as follows :-

TABLE 1 : This gives the indicated and inferred ore reserve, level by level, as at 28.11.1973.

10	Indicated ore is ore which has been -	6,600
11	(a) Proved on three or more sides.	3,350
12	(b) Proved on two sides reasonably close together.	
	(c) Proved on one side when extension of ore for	
	twenty feet (approximately 6 metres) is allowed.	
Totals -		

Inferred ore is ore extending twenty feet (approximately 6 metres) beyond the limits of indicated ore.

TABLE 2 : This classifies the ore reserve under five categories and a description of each category is listed above this table.

TABLE 3 : This gives a level by level comparison of the indicated and inferred ore reserve as at 1.7.1972 and 28.11.1973.

TABLE 4 : This gives a level by level comparison of the total ore reserve as at 1.7.1972 and 28.11.1973, with reasons for divergencies given in the remarks column.

Table 1.

Categorised Ore Reserve Estimate As At 28/11/1973

Ore Reserve Estimate As At 28/11/1973

Level	Indicated Ore (Tonnes)	Inferred Ore (Tonnes)	Total Ore (Tonnes)
1	10,550	2,250	12,800
2	14,750	5,200	19,950
3	20,100	5,800	25,900
4	29,700	5,850	35,550
5	63,800	12,000	75,800
6	48,950	16,450	65,400
7	37,000	1,850	38,850
8	48,950	9,150	58,100
9	26,000	6,000	32,000
10	6,300	300	6,600
11	3,350	-	3,350
12	2,950	-	2,950
Totals -	312,400	64,850	377,250

Level	Indicated Ore (Tonnes)	Inferred Ore (Tonnes)	Total Ore (Tonnes)
1	10,550	2,250	12,800
2	14,750	5,200	19,950
3	20,100	5,800	25,900
4	29,700	5,850	35,550
5	63,800	12,000	75,800
6	48,950	16,450	65,400
7	37,000	1,850	38,850
8	48,950	9,150	58,100
9	26,000	6,000	32,000
10	6,300	300	6,600
11	3,350	-	3,350
12	2,950	-	2,950
Totals	312,400	64,850	377,250

Table 2.

Categorised Ore Reserve Estimate As At 28/11/1973

(Categories A, B, C and D represent Indicated Ore; Category E represents Inferred Ore. Categories are defined as follows :-

- A. Ore blocks considered to be economical at budget metal prices and accessible now at present costs.
- B. Ore blocks considered to be economical at budget metal prices and accessible with moderately increased costs. (Development or rehabilitation.)
- C. Ore blocks considered to be marginally profitable at budget metal prices and accessible with high costs. (Development or rehabilitation.)
- D. Ore blocks considered to be uneconomical at budget metal prices due to low grades or excessively high costs.
- E. Inferred ore.)

Level	A tonnes	B tonnes	C tonnes	D tonnes	E tonnes	Total tonnes
1	1,700	-	3,250	5,600	2,250	12,800
2	3,050	-	6,900	4,800	5,200	19,950
3	5,600	6,900	7,600	-	5,800	25,900
4	16,600	2,300	5,400	5,400	5,850	35,550
5	34,750	12,200	11,150	5,700	12,000	75,800
6	27,450	16,450	1,200	3,850	16,450	65,400
7	16,850	5,100	10,550	4,500	1,850	38,850
8	19,800	-	14,300	14,850	9,150	58,100
9	11,750	-	1,850	12,400	6,000	32,000
10	-	300	-	6,000	300	6,600
11	-	300	1,100	1,950	-	3,350
12	-	-	-	2,950	-	2,950
Totals	137,550	43,550	63,300	68,000	64,850	377,250

Table 3.

Level by Level Comparison of Indicated and Inferred Ore Reserve Tonnes As At 1.7.72 and 28.11.73

LEVEL	Indicated tonnes			Inferred tonnes		
	1972	1973	Difference	1972	1973	Difference
1	9,450	10,550	+ 1,100	2,250	2,250	-
2	11,700	14,750	+ 3,050	5,200	5,200	-
3	18,200	20,100	+ 1,900	6,000	5,800	- 200
4	32,850	29,700	- 3,150	5,750	5,850	+ 100
5	61,250	63,800	+ 2,550	13,800	12,000	-1,800
6	49,500	48,950	- 550	16,450	16,450	-
7	41,200	37,000	- 4,200	1,900	1,850	- 50
8	55,850	48,950	- 6,900	11,700	9,150	-2,550
9	28,000	26,000	- 2,000	9,450	6,000	-3,450
10	6,600	6,300	- 300	300	300	-
11	3,950	3,350	- 600	-	-	-
12	2,950	2,950	-	-	-	-
Totals	321,500	312,400	- 9,100	72,800	64,850	-7,950

Table 4.

Level by Level Comparison of Ore Reserve in Ore Tonnes
as at 1.7.1972 and 28.11.1973

LEVEL	1.7.1972 Tonnes	28.11.1973 Tonnes	DIFFERENCE	REMARKS
1	11,700	12,800	+1,100	Increase due to development and re-assessment.
2	16,900	19,950	+3,050	As above.
3	24,200	25,900	+1,700	Increase due to development and stope extensions.
4	38,600	35,550	-3,050	Decrease due to extraction and re-assessment.
5	75,050	75,800	+ 750	Increase due to development and stope extensions.
6	65,950	65,400	- 550	Decrease due to extraction exceeding development and stope development.
7	43,100	38,850	-4,250	Decrease due to extraction exceeding development and stope extensions.
8	67,550	58,100	-9,450	As above.
9	37,450	32,000	-5,450	As above.
10	6,900	6,600	- 300	Decrease due to extraction.
11	3,950	3,350	- 600	As above
12	2,950	2,950	Nil	Unchanged.
TOTALS	394,300	377,250	-17,050	

ABERFOYLE LIMITED - ORE RESERVES AS AT 28TH NOVEMBER, 1973.

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
1	(56DUS EXT) 1-48.9-133	2550	2550	1300	1300	-	-	FRAL	D & E	L	Old 36 Pty. Stope.
1	(56DU) 1-49.51-138	950	950	900	900	-	-	FRAM	A & E	M	Old 8 Pty. Stope.
1	(2 DU) 1-52.3-176	2550	3250	-	-	700	-	FRAL	C	L	Eastern Vein beneath tailings dump.
1	(176) 1-55-160	500	500	-	-	-	-	F-AM	D	M(G)	Main shaft pillar.
1	(50 Vein) 1-55-163	400	500	-	-	100	-	FDAM	D	M(G)	Main shaft pillar.
1	1-55.6-167	-	800	-	-	800	-	F-AM	A	M	Above M.O.P.
1	(176) 1-56-161	700	700	-	-	-	-	F-AM	D	M(G)	Main shaft pillar.
1	(AF1/2) 1-58-167	800	500	-	-	-	300	FRAH	D	2.5%(G)	Rise needed underneath mill.
1	(3 DUS) 1-59-169	1000	800	-	-	-	200	FRBL	D	0.8%(G)	Difficult access, u/neath salvage yard.
		9450	10550	2250	2250	1600	500				+1100
2	(56DUS) 2-46.7-124	1150	1150	1150	1150	-	-	FRAM	A & E	M	Ex operating stope (29 Pty.)
2	(56DUS F/W) 2-46.8-126	1000	1000	1000	1000	-	-	FRAL	D & E	L	48 Pty. Stope F/W.
2	(56DUS H/W) 2-47-123	700	700	-	-	-	-	FRAL	D	L	48 Pty. Stope H/W.
2	(56DUN) 2-51.2-137	600	600	1100	1100	-	-	FRAM	C & E	M	Block above old 2 Pty. Stope Brandon Shaft.
2	(179) 2-52.3-166	1450	1450	-	-	-	-	FRBM	C	0.75%(G)	Eastern Vein South needs development.
2	2-55-162	-	1100	-	-	1100	-	F-AM	D	M	M.O.P. on this vein. Close to shaft.
2	(50 Vein E/B) 2-55.6-168	400	500	-	-	100	-	FRCM	D	M(G)	Too close to shaft (reserve below 1 Level).
2	(179) 2-56-169	2250	2250	-	-	-	-	F-AL	C	L	Stopped 1968/69 Eastern Vein.
2	(A/F2/2) 2-57.8-164	500	500	-	-	-	-	F-BL	D	L	Balance of tonnage from block is directly u/neath alleged rich block 1-58-167.
2	(50 Vein) 2-57-159	100	100	-	-	-	-	F-AM	D	M(G)	Too close to shaft (reserve below 1 Level).
2	(177) 2-60.4-164	1950	1950	1950	1950	-	-	FRAM	A & E	M	Operating Stope (24 Pty.) F/W & H/W.
2	(57DU) 2-61-160	700	2650	-	-	1950	-	F-AL	C	L	Mine when block below reaches this level.
2	(AF2/1) 2-61-164	900	800	-	-	-	100	FRBL	D	L	South end 24 Pty. H/W Stope.
		11700	14750	5200	5200	3150	100				+3050

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
3		1950	1950	1950	1950	-	-	F-AM	B & E	M	Above 55 Pty. old stope.
3	(36DU)	2650	2050	1000	900	-	700	FRAM	B & E	M	In F/W old 55 Pty. (above).
3	(178)	3050	3650	-	600	1200	-	FRAH	C	H(G)	2,500 tonnes close to shaft, balance 23 Pty. H/W.
3	(50 Vein)	500	500	-	-	-	-	FRAL	C	L(G)	L/stoped. Investigate. Close to shaft.
3	(40 Vein)	1000	1000	-	-	-	-	SH-BM	C	M(G)	1,000 tonnes broken ore in old shrink stope.
3		-	800	-	-	800	-	FRAM	A		Operating Stope (23 Pty.)
3	(69DU)	1550	1550	1550	1550	-	-	FRAM	B & E	M	Above old 16 Pty. stope, Re-grade X-cut, rise.
3	(A/F3/1)	2150	2450	-	-	300	-	FTAL	C	L(G)	Possibly low grade.
3	(177)	600	600	-	-	-	-	F-BM	B	M	Ex 24 Pty. stope below 2 Lev.
3		1000	1000	-	-	-	-	F-AM	A	M	H/W of 16 Pty. current stope. Now 6,000 N.O.P.
3		2950	3750	700	-	100	-	F-AM	A	M	Operating stope (16 Pty.).
3	(A.Lode)	800	800	800	800	-	-	F-AM	B & E	0.7%(G)	Mine when stope below reaches level ?
		18,200	20,100	6,000,	5,800	2,400	700				+1,700
4	(56DUX)	6100	6300	800	-	-	600	F-AM	A & E	M	Operating Stope (4 Pty.).
4	(56DUC)	2850	2850	-	-	-	-	FRBL	C	L?	Investigate from B.Shaft 3L.
4	(56DUCN)	600	600	-	-	-	-	F-BM	B	M	Old 2 Pty.stope. As above.
4		-	900	-	900	1800	-	FRAM	A	M	New reserve. H/W drive of 28 Pty.
4	(26 Vein)	2650	1000	-	-	-	1650	F-AM	A	M	Operating stope (28 Pty.).
4	(58DUNC)	-	-	600	600	-	-	FRAH	E	2.2%(G)	Needs rise to evaluate.
4	(181-26Vein)	1650	1750	1650	1650	100	-	FRBH	B & E	1.5%(G)	Block above 14 Pty.operating stope. Good potential.
4	(67DU)	500	500	-	-	-	-	FRAL	C	L	Rise. Sample.
4	(58DUN)	1100	1100	-	-	-	-	FRAL	C & E	L	Needs rise for exploration.
4	(AF4/1)	1100	700	-	-	-	400	FRBL	D	L(G)	Needs rise. Sample. Connect to M.O.P. ?
4	(180 E.Vein)	1650	1650	-	-	-	-	FRBL	D	L	Res. below 3 L. shaft pillar.
4	(58DU)	600	700	-	-	100	-	F-AL	C	L(G)	Mine when stope below reaches level.
4	(54DU)	2150	2150	-	-	-	-	F-AM	D	M	Shaft pillar.
4	(54DU)	400	300	-	-	-	100	F-AM	D	M	Can be mined with 4-55-151.

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
4	(55DUS H/W) 4-57.8-152	1200	-	-	-	-	1200 Re-ass.	FRBM	C	0.90%(G)	Transferred to 3 Level.
4	(55DUS S/H/W) 4-57.8-152	1000	-	-	-	-	1000 Re-ass.	FRBM	C	0.90%(G)	Transferred to 3 Level.
4	(55DU) 4-58-152	500	-	-	-	-	500 Ext.	F-BL	A	0.60%(G)	Extracted by 23 Party.
4	4-59.6-158	700	600	600	600	-	100	F-AM	A & E	M	Operating stope (2 Pty). 6000 N.O.P. Area
4	(57DU) 4-61.2-151	600	600	-	-	-	-	F-AL	A	L	A spare stope (old 22 Pty.)
4	(55DUC) 4-60-154	800	600	-	-	-	200	F-BL	D		Level pillar.
4	4-60-158	200	200	-	-	-	-	FRAL	C	L	6000 N.O.P. Area Nth of X/C.
4	4-60-158	250	250	250	250	-	-	F-AH	A & E	H	6000 N.O.P. Area below 3 Level short drive.
4	4-60-159	2550	3250	-	-	700	-	F-AM	A	M	6000 N.O.P Area being used as part of 6000 N.O.P.
4	4-60.1-161	1650	1650	-	-	-	-	F-AM	A	M	6000 N.O.P. Area rise broke into F/W of 6000 N.O.P.
4	4-60.1-162	2050	2050	-	-	-	-	FRAM	A	M	6000 N.O.P. Area in F/W of above blocks.
		32,850	29,700	5,750	5,850	2,700	5,750				-3050
5	(68DUS) 5-46-104	3550	3050	-	-	-	500 Re-ass.	F-BL	C	0.7%(G)	Would need X/cut for loco haul.
5	(68DUN) 5-46.7-108	400	400	-	-	-	-	F-BM	C	M(G)	Floor pillar. Mine with 5-46-104
5	(68DUN H/W) 5-46.7-108	300	300	-	-	-	-	F-BM	C	M(G)	As above.
5	(66DU) 5-47.5-120	9750	9750	-	-	-	-	F-AL	A	0.7%(G)	Re-grade, level timber, then ready to mine.
5	(68DA S/L) 5-48-112	1950	1950	-	-	-	-	FRBL	D	0.7%(G)	Access from 4 Level is too far in F/W has one chute and one manway, Loco ?
5	(66DU F/W) 5-48.9-123	2050	900	300	-	-	1450Ext.	F-AM	A & E	M	Operating stope (1 Pty.)
5	(66DUN 50N) 5-50.1-125	1450	1450	-	-	-	-	FRBH	C	H(G)	Floor pillar may mine from block 5-47.5-120
5	(63DUS) 5-50.1-136	1200	1400	-	-	200 Re-ass.	-	FRBM	B	M(G)	U/neath extracted block 4-50.1-140. Investigate.
5	(63DU) 5-50.3-138	2050	2050	2050	2050	-	-	FRAL	B & E	0.54%(G)	Needs rise to evaluate.
5	(63DU F/W) 5-51.2-140	1100	1100	-	-	-	-	F-AM	A	M	28 Pty. H/W stope below 4 Level.
5	(62DA 54N) 5-52.5-137	5800	6300	-	-	500 Dev.	-	F-AH	A	H	Operating stope (14 Pty.) Jim's Whim H/W.
5	(67DU) 5-54.5-130	3050	4150	-	-	1100	-	F-BM	B	0.86%(G)	Deposit mullock in old 14 Pty. Loco haulage.
5	(63DUN) 5-54-141	400	400	-	-	-	-	FRDCM	D	M(G)	Drive only. Good diamond drill intersections south
5	(70DUS) 5-54.5-150	600	600	600	600	-	-	FRAM	B & E	M	South of M.O.P. 5 Level close to shaft.
5	5-55.7-132	-	1100	1200	1150	1050 Dev.	-	FRAM	A & E	H	Operating stope (41 Pty. F/W).
5	(66DU54N) 5-55-134	800	1100	800	800	300	-	F-AL	A & E	0.56%(G)	Re-line chutes then OK to stope.

LEVEL	LOCATION		INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
			1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
5	(61DA)	5-55-140	1450	1450	-	-	-	-	FRAH	A	H	Operating Stope (14 Pty. centre).
5	(60DUS)	5-54.6-144	900	3650	1950	900	1700	-	FRAL	A & E		Operating Stope (14 Pty. F/W).
5	(60DU)	5-56-147	800	700	-	-	-	100	FRAL	D		Operating Stope (20 Pty).
5		5-56.7-149	600	-	600	-	-	Extracted	FRAM			Extracted by 20 Pty.
5	(69DUS)	5-56.7-152	2050	2050	-	-	-	-	F-AM	A	M	South of old 16 Pty stope.
5	(182)	5-58-129	1200	1450	-	-	250	-	FRAM	A	0.8%(G)	Drive above 41 Pty. H/W stope Sth Loco haulage
5	(64DU)	5-59.6-143	3150	2050	-	-	-	1100	F-BM	D	M (G)	Below collapsed area on 4 Level main 3" fill line, was located in 1969.
5	(69DU F/W)	5-59.62-154	2150	2350	2350	2550	400	-	F-AM	A & E	M	Operating Stopes (17 & 42 Prys.).
5		5-59.6-158	500	500	-	-	-	-	FRAM	B	M	Block below 2 Pty. Drive 4 Level.
5	(60DUN H/W)	5-60-146	600	400	-	-	-	200	F-BM	C	M (G)	May be mined from stope north extension (5-60.1-148).
5	(60DUN F/W)	5-60.1-148	3300	3300	3250	3250	-	-	FRAL	C & E	L (G)	When stope reaches suitable horizon extract block 5-60-146.
5	(69DU H/W)	5-60-154	700	700	700	700	-	-	FRAM	A & E	M	In south H/W of 5-59.62-154.
5		5-60.1-161	600	600	-	-	-	-	FRAM	C	M	Block below block near 6000N.O.P. 4 Level
5		5-60.1-162	800	800	-	-	-	-	FRAM	C	M	As above.
5		5-61-147	600	600	-	-	-	-	FRBL	D	L	Needs rise etc. for evaluation.
5	(69DAN)	5-61.2-154	2850	2850	-	-	-	-	F-AL	A	0.66%(G)	6000N.O.P. in south of stope with 18" good vein
5	(64DU H/W)	5-62-144	1100	900	-	-	-	200	FRBM	C	0.80%(G)	Rise needed u/neath 4-61.2-150 (old 22 Pty).
5	(69DA H/W)	5-62-153	3450	3450	-	-	-	-	FRBL	B	L (G)	Rise not broken through on 4 Lev.
			61,250	63,800	13,800	12,000	5,500	4,750				+ 750
6	(151DUS)	6-46.7-91	2550	2550	1300	1300	-	-	FRDBM	B & E	1.0%(G)	Rise struck fault at 60 ft. Trucking 1200 ft to shaft.
6	(151DUS)	6-46-91	400	400	400	400	-	-	FRDBM	C & E	1.0%(G)	Reserve below 5 Lev. needs development & exploration.
6	(81DUS)	6-47.8-100	2250	2250	5000	5000	-	-	F-AM	A & E	0.8%(G)	Ready to mine. 1000 ft to plat. Intermediate O/pass ?
6		6-47-110	600	500	-	-	-	100	FRBM	B	M	Sandfilled to 6 Lev. in H/W of shrink stope
6	(81DUS)	6-48-102	1300	1300	-	-	-	-	F-AL	B	L (G)	Pillars in old shrink stope mine from 6-47.8-100.
6		6-48.9-126	900	900	-	-	-	-	FRBM	B	M	Block below old 1 Pty. 5 Level.
6	(83DU F/W)	6-48.53-125	4900	7800	5400	4600	2100	-	FRAM	A & E	M	Operating stopes (10 Pty. F/W & 21 Pty.).
6	(85DU)	6-49.5-105	3200	3200	-	-	-	-	F-AM	A	M	Ready* to stope with 6-47.8-100.

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS.
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
6	6-49.5-125	1200	1200	1200	1200	-	-	FRAM	A & E	M	H/W of 10 & 21 Parties.
6	(91DA) 6-50.3-136	700	-	-	-	-	700 Ext.	F-AM	A	L	Extracted 6 Pty.
6	(87DU) 6-51.2-109	1000	1000	-	-	-	-	FRAM	B	M	L/stoped. Needs rise and timber above old 41 Pty. Stope (170).
6	(81DUN) 6-51.2-112	2350	2350	-	-	-	-	F-AL	A	L(G)	Pillars north of 6-48-102. Mine from 40 Pty.
6	6-51.3-117	1300	1950	-	-	650 Stope Dev.	-	F-AL	A	M	Operating stope (40 Pty).
6	6-50.2-130	700	1700	-	1000	2000 Dev.	-	FRAM	A	M	Operating stope (12 Pty).
6	(70DUS) 6-52.5-144	4600	4600	-	-	-	-	F-AM	A	M	Ex-operating stope (20 Pty) F/W Sth, F/W Nth & H/W.
6	6-53-117	600	600	600	600	-	-	FRBL	D & E	L	Above old 23 Pty. Old 40 Pty above 6 Level.
6	(82DU F/W) 6-55.7-120	1100	-	-	-	-	1100 Ext.	F-AH	A	H	Extracted (41 Pty. F/W).
6	(70DU) 6-56-141	400	400	-	-	-	-	FRBH	D	1%(G)	Small block north M.X/C 6 Level.
6	(82DU H/W) 6-56.8-120	2850	2450	-	-	-	400 Ext.	F-AH	A	H	Operating stope 41 Pty H/W.
6	(78DU Pillars) 6-58-143	1300	1300	-	-	-	1050 Re-ass.&Ext.	F-CM	D	M	Level pillars below 5 Level.
6	(104DU) 6-59-135	900	800	-	-	-	100 Re-ass.	FRDBH	C	1.2%(G)	Dev. needed, very good prospect. Ore to N.O.P.
6	(72DAN) 6-60-140	5000	4200	-	-	-	800 Re-ass.	FRDBM	B	0.71%(G)	O.K. when N.O.P. reaches 6 Level. Rise is blocked 5 Level.
6	(76DU) 6-61.2-132	1850	1850	1000	1000	-	-	FRBM	B & E	0.9%(G)	N.O.P. ore disposal, needs rise.
6	(84DU H/W) 6-61-142	200	300	-	-	100 Re-ass.	-	FRAH	B	H(G)	Two rises N & S break into old stope. Part L/stoped.
6	(84DU) 6-61-143	4400	3850	1550	1350	-	750 Re-ass.	FRAL	B & E	L(G)	Ore disposal:- (a) when 19 Pty. stope reaches level. (b) drive connection to 72 DAN or at 6-5920N. Ore to N.O.P.
6	6-61-147	600	600	-	-	-	-	FRBM	D	M	Below 5 Level dev.
6	(78DU Pillars Nth) ^{61.2} 6-62-147	1300	900	-	-	-	400 Re-ass.	F-DH	D	H	Floor pillars below 69 DA Nth.
		49,500	48,950	16,450	16,450	4,850	5,400				- 550
7	(163DU) 7-47-92	1000	1000	-	-	-	-	FRCH	D	1.1%(G)	Block below 6 Level, needs further investigation.
7	(158DU) 7-48-90	300	300	-	-	-	-	FRBL	D	L(G)	Rise 40' above 7 Level hit fault. needs investigation.
7	(105DA H/W) 7-50-98	2350	2150	-	-	-	200 Re-ass.	FRBH	C	H(G)	H/W of 7-50.2-101. Alternative ore passes ?
7	(105DU) 7-50.2-101	4700	3900	-	-	-	800 Re-ass.	FRBM	C	M(G)	Can extract some from old 41 Pty. (170) stope. Investigate alternative ore passes.

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
7	7-51.2-162	600	600	-	-	-	-	FRAM	B	M	Above old 15 Pty. stope. D/E vein
7	(170) 7-52-104	1000	1000	-	-	-	-	F-AH	A	1.0%(G)	Old 41 Pty. stope. Mine with 7-50.2-101.
7	(174DU F/W)7-51-108	400	500	-	-	100	-	FRAM	B	M(G)	Short drive & L/stope. Further possible development
7	(154DU F/W S.H/W)7-52-108	300	300	-	-	-	-	FRBH	D	M	Blind rise from level drive.
7	(92DA) 7-52-130	200	-	-	-	-	200	FRBM	D	M(G)	Small pillar above 7 Level Sth.end of complex. Delete.
7	(160DU) 7-52.4-142	3550	3550	-	-	-	-	FRXAM	A	0.7%(G)	Open stope
7	(154DU H/W)7-53.6-110	5000	5000	-	-	-	-	F-AM	A	M	Old 23 & 12 Parties stopes at end of main X/Cut.
7	(92DA) 7-54.5-130	1650	1150	-	-	-	500	FRBH	D	1.1%(G)	Operating stope (22 Pty.) Sth.F/W.
7	(70DU) 7-54-140	2250	1650	-	-	-	600	FXRBM	C	1.24%(G)	Reserve below 6 Level. Zorro's 8-54.5-130 may be same.
7	(172) 7-55.6-117	1400	1400	-	-	-	-	FRAH	B	1.0%(G)	Promising block, needs mullock j/up & rise.
7	() 7-55-148	1200	1200	-	-	-	-	FRAL	C	L	Evaluate with rise over M.O.P.
7	(95DU) 7-56-115	400	-	-	-	-	400	FRCH	D	H(G)	Small block H/W of 95DA. Delete.
7	(93DA) 7-56-134	1750	1300	-	-	-	450	FRCH	D	H(G)	In F/W of complex. May mine end on from 8-54.5-130.
7	(183DU) 7-57.8-119	2450	1750	-	-	-	700	FDCH	C	H(G)	Reserve below 6 Level below 41 Pty. stope
7	(99DA) 7-57-132	900	500	-	-	-	400	F-AM	A	0.72%(G)	Hanging wall of 22 Pty Stope(complex)
7	(99DA) 7-58-132	2550	2250	-	-	-	300	F-AM	A	M	Operating Stope (22 Pty). (Complex).
7	(103DU) 7-58.6-125	1000	1000	1150	1150	-	-	FRAL	B & E	L	Nth. O/Pass for ore disposal.
7	7-58.6-137	3550	3250	500	700	-	100	F-AM	A & E	M	Operating Stope (19 Pty.).
7	7-59-131	250	700	250	-	-	-	-	-	-	Drive and blind rise (old 11 Pty).
7	(99DA) 7-59-132	400	400	-	-	-	-	FRBH	D	H(G)	Small block Nth end of complex just above 7 Level.
7	(98DU) 7-60.1-135	500	600	-	-	-	100	F-AM	A	M	Spare stope (11 Pty).
7	(103DU) 7-63-120	1550	1550	-	-	-	-	F-AM	B	L(G)	Nth. H/Fill line runs down rise.
		41,200	37,000	1,900	1,850	400	4,650				-4250

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS	
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-					
8	(158DU)	8-47-89 H/W	1200	1100	-	-	-	100	FDRXCL	D	L(G)	{ Blocks below 7 Level mutiple faults. Need further investigation.
8	(158DU)	8-48-89 F/W	200	200	-	-	-	Re-ass.	FDRXCL	D	L(G)	
8		8-47.8-97	500	2150	500	-	1150	-	FRAM	A & E	M	Operating stoep (26 Pty. F/W).
8	(122DU)	8-48.9-97	1100	1100	-	1100	1100	-	FRXAM	A	0.86%(G)	Block in H/W of 26 Pty. current stoep.
8	(115DA)	8-49-88	900	400	-	-	-	500	FRBH	D	H(G)	Floor pillar remnants. Accessible 7 level.
8	(120DUS)	8-50.3-150	3550	2250	1000	500	-	1800	F-AM	A & E	M	Operating stoep (9 Pty H/W) Double Eastern Vein.
8	(120DU F/W)	8-50.1-156 <i>STOPPED</i>	1200	1300	1250	1350	200	-	F-AM	A & E	M	Operating stoep (9 Pty F/W) D.E.V.
8	(95DA173)	8-51.3-113	1100	1400	-	-	300	-	FDCM	D	M(G)	Block below 7 Level 95DA 7-52.3-112 Explore 8 Level.
8	(174)	8-52-110	400	500	-	-	100	-	FDRCM	D	M(G)	Block below 7 Level. Explore 8 Lev.
8	(160DU)	8-52.4-142	1200	1200	-	-	-	-	F-CM	D	M(G)	Block below 7 Level, 12 Pty open stoep. 8-54.5-130 ?
8		8-53.5-115	2850	500	1100	500	-	2950	FRAM	A & E	M	Operating stoep (55 Pty), Rise lost vein 150 ft up.
8		8-53.6-130	5400	7000	-	-	1600	-	F-AL	A	L ?	A spare stoep (Zorro's).
8	(120DUN)	8-54-148	1950	1150	-	-	-	800	F-AM	A	M	Operating stoep (15 Pty).
8		8-55-148	900	900	-	-	-	-	FRBL	D	L	Below dev. on 7 Level.
8	(111DA)	8-56.8-131	1950	1950	-	-	-	-	F-CH	D	H(G)	Pillars. May get from Zorro's 8-54.5-130.
8		8-56-133	400	500	400	400	100	-	FRAL	C & E	L	Drive & L/S Nth. of M.X/C near M.O.P.
8		8-56-136	800	1000	-	-	200	-	FRAL	C	L	As above.
8	(119DA F/W)	8-57.8-116	500	500	500	500	-	-	FRAL	D & E	L	Low grade (5 Pty. stoep).
8		8-57.6-122	1500	1500	900	900	-	-	F-AM	D & E	M	Old 31 Pty F/W stoep N.O.P.
8		8-57-129	700	1000	700	1000	600	-	FRAM	A & E	M	Operating stoep (32 Pty).
8	(169)	8-58.6-128	5800	3400	3300	1250	-	4450	F-AM	A & E	M	Operating stoep (3 Pty).
8		8-58.9-118	2050	1550	-	-	-	500	F-AM	D & E	M	Old 31 Pty H/W stoep N.O.P.
8	(116 ^A DU)	8-58.6-122	2150	1750	-	-	-	400	FRCM	D	0.65%(G)	Rise filled by mullock fall. Develop from 31 Pty.
8	(116 ^B DU)	8-59.6-123	500	600	-	-	100	-	F-CM	D	0.49%(G)	Pillars above sub level.
8	(157DU)	8-60.3-112	8950	7200	-	-	-	1750	F-AL	C	L ?	3 Pty. old stoep. Re-assess ore to N.O.P.
8	(116 ^C DU)	8-60-124	2150	2150	-	-	-	-	F-CL	C	L(G)	Investigate. Probably just in H/W of 8-58.6-128.
8	(121DU)	8-61-110	1650	1200	-	-	-	450	SSF-BH	D	H(G)	Square set stoep, very bad ground.
8	(121DU)	8-64.6-106	4300	3500	2050	1650	-	1200	FDBH	C & E	H(G)	Needs 140 ft drive 7 level to connect rise from "Marathon" ore to N.O.P.
			55,850	48,950	11,700	9,150	5,450	14,900				-9,450

LEVEL	LOCATION	INDICATED ORE TONNES		INFERRED ORE TONNES		DIFFERENCE		CODE	CATEGORY	GRADE	REMARKS
		1.7.1972	28.11.1973	1.7.1972	28.11.1973	+	-				
9	(136DU) 9-51.3-140	3550	3250	-	-	-	300 Extracted	F-AM	A	M	Operating stope (7 Pty).
9	(136DU) 9-53.5-136	1750	650	1100	-	-	2200 Extracted	F-AM	A & E	L&M	Operating stope (30 Pty).
9	(ANA) 9-53.5-115	1450	1450	1450	1450	-	-	FRCM	D & E	M	Block below 8 Level A.N.A. Explore 9 Level
9	(113DU) 9-53.7-107	2450	2450	-	-	-	-	FRCH	D	H(G)	Block below 8 level Coronation Ave. Explore 9 level.
9	9-54.5-130	1100	1100	-	-	-	-	FRDCL	D	L	Block below 8 Level (Zorro's) Explore 9 level.
9	(113DU) 9-55.6-107	600	600	-	-	-	-	F-CM	C	M(G)	Adjacent to 8-55.8-107.
9	(134DU) 9-55.8-107	2250	3150	700	-	200 Dev.	-	F-AM	A & E	M	Spare operating stopes Sth. of 33 Pty. fault
9	(134DU) 9-56.7-102	800	800	800	800	-	-	FRAL	D & E	L	Block below sub level of 9-55.8-107 (School).
9	9-56-133	400	500	-	-	100 Re-ass.	-	FRDCL	D	L	(Blocks below drives and L/stope Nth of main X/Cut vicinity M.O.P. 8 Level.
9	9-56-136	400	400	-	-	-	-	FRDCL	D	L	
9	(134DU) 9-57.9-107	3750	1350	-	-	-	2400 Extracted	F-AH	A	H	Operating stope (33 Pty) F/B field.
9	(130DA) 9-57.8-123	450	450	-	-	-	-	FRBM	C	M	Block below sub level in old 3 Pty stope below 8 Level access by G.I. m/way 8 level. Investigate 9 Level.
9	(137DU) 9-58.9-113	800	800	800	800	-	-	FRAM	C & E	M	In F/W of 9-57.9-107 being used as ore pass
9	9-59.6-125	900	3350	900	-	1550 Dev.	-	FRAM	A & E	M	Operating stope (27 Pty).
9	(135DA) 9-61-96	3150	2250	-	-	-	900 Re-ass.	FRBH	D	H ?	Sth ext. old 17 Pty stope. Bad ground no ore pass
9	(135DA F/W) 9-62-110	500	500	-	-	-	-	FRBM	D	0.74%(G)	In F/W of 9-61-96.
9	(135DA) 9-64.7-92	3700	2950	3700	2950	-	1500 Re-ass.	FRBH	D & E	H(G)	Expl. & Dev. needed. 9 Level reserve is below 8 Lev. "Marathon".
		28,000	26,000	9,450	6,000	1,850	7,300				-5,450
10	Contact Vein 10-56-156	600	600	-	-	-	-	FRCL	D	0.72%(G)	Veining north of east pump sump at shaft.
10	10-59-103	300	300	300	300	-	-	FDRM	B & E	M	Reserve above drive off 10 L. X/C.
10	(137DU) 10-58.9-113	400	400	-	-	-	-	FRAM	D	M(G)	9 Lev. u/hand. Explore on 10 Level.
10	(142DU) 10-58.61-119	5300	5000	-	-	-	300 Extracted	F-AL	D	L	H/W of old 27 Pty. stope.
		6,600	6,300	300	300	-	300				-300
11	11-59-103	300	300	-	-	-	-	FDRBM	B	M	Reserve below 10-59-103.
11	(150DA) 11-60-112	200	400	-	-	200 Re-ass.	-	F-CM	D	M	Pillar around Nth Orepass 11 Level to 10 Level.
11	(153DU H/W Leg) 11-60.1-82	2350	1550	-	-	-	800 Extracted	F-AL	D	L	Old 42 Pty stope
11	(153DU F/W) 11-62.3-85	1100	1100	-	-	-	-	F-BM	C	M	Pillars below sub level.
		3,950	3,350	-	-	200	800				-600
12	(162) 12-60.2-86	2150	2150	-	-	-	-	FDCH	D	H(G)	Underhand 11 Level.
12	12-60-80	800	800	-	-	-	-	FDRCM	D	M	As above.
		2,950	2,950	-	-	-	-				