

STOREYS CREEK - DILUTED MINEABLE ORE RESERVE STATEMENT - 1ST OCTOBER, 1976

LEVEL	INDICATED GEOLOGICAL RESERVES (CATEGORIES A B C D)			INFERRED GEOLOGICAL RESERVES (CATEGORY E)		NON MINEABLE GEOLOGICAL INDICATED RESERVES (QUARTZ TONNES) C + D			UNDILUTED INDICATED MINEABLE RESERVE A + B			PLANNED WASTE DILUTION	INDICATED DILUTED MINEABLE RESERVES A + B		
	Quartz Tonnes	Quartz Sn	Grade% WO ₃	Ore Tonnes	Ore Grade%	Sub. Ore	Planned Extr. Loss	Sub. Total	Quartz Tonnes	Quartz Sn	Grade% WO ₃	Tonnes	Ore Tonnes	Ore Sn	Grade% WO ₃
AUDITS	3650	0.1	0.5	250		2650	1000	3650	-	-	-	-	-	-	-
1	1400	0.2	0.4	-		1400		1400	-	-	-	-	-	-	-
2	10750	0.1	0.5	750		10500	250	10750	-	-	-	-	-	-	-
3	6600	0.2	0.5	550		5850	750	6600	-	-	-	-	-	-	-
4	3150	0.1	0.4	-		2050	1100	3150	-	-	-	-	-	-	-
5	-	-	-	-		-	-	-	-	-	-	-	-	-	-
6	6600	-	0.6	700		4200	750	4950	1650	-	1.2	600	2250	-	0.9
7	8100	-	0.6	600		4700	1950	6650	1450	-	1.2	550	2000	-	0.9
8	12850	-	0.6	1800		5500	4250	9750	3100	-	1.1	1150	4250	-	0.8
9	14550	-	0.7	800		3000	150	3150	11400	-	1.1	4200	15600	-	0.8
11	18050	-	0.7	3950		3950	3150	7100	10950	-	1.1	4050	15000	-	0.8
12	15900	-	0.6	7500		15900	-	15900	-	-	-	-	-	-	-
TOTALS	101600	0.03	0.60	16900		59700	13350	73050	28550	-	1.11	10550	39100	-	0.81

$$\begin{aligned} \text{INDICATED GEOLOGICAL RESERVE (QUARTZ)} - \text{NON MINEABLE RESERVE (QTZ)} &= \text{UNDILUTED MINEABLE RESERVE (QTZ)} + \text{DILUTION} = \text{INDICATED DILUTED MINEABLE RES.} \\ 101600 - 73050 &= 28550 + 10550 = 39100 \end{aligned}$$

CATEGORIES

CATEGORY A - Ore which is economically accessible at present costs.

CATEGORY B - Ore which is economically accessible at moderately increased costs (sandfill, development and rehabilitation).

CATEGORY C - Ore which is of marginal profitability at current prices or accessible with high costs (shaft sinking, development or rehabilitation).

CATEGORY D - Ore blocks considered to be uneconomical at present prices due to low grade or excessive costs.

CATEGORY E - Inferred ore.

STOREYS CREEK - DILUTED MINEABLE ORE RESERVE STATEMENT - 1ST OCTOBER, 1976

A + B

LEVEL	INDICATED GEOLOGICAL RESERVES <i>A - D.</i>			INFERRED GEOLOGICAL RESERVES		NON MINEABLE GEOLOGICAL INDICATED RESERVES (QUARTZ TONNES)			UNDILUTED INDICATED MINEABLE RESERVE			PLANNED WASTE DILUTION	INDICATED DILUTED MINEABLE RESERVES		
	Quartz Tonnes	Quartz Sn	Grade % WO ₃	Ore Tonnes	Ore Grade %	Sub. Ore	Planned Loss	Extr. Total	Quartz Tonnes	Quartz Sn	Grade % WO ₃	Tonnes	Ore Tonnes	Ore Sn	Grade % WO ₃
AUDITS	3650	0.1	0.5	250		1300	1000	2300	1350	0.1	1.0	500	1850	0.1	0.7
1	1400	0.2	0.4	-		1400	-	1400	-	-	-	-	-	-	-
2	10750	0.1	0.5	750		8350	250	8600	2150	0.3	0.8	800	2950	0.2	0.6
3	6600	0.2	0.5	550		4450	750	5200	1400	0.5	0.7	500	1900	0.4	0.5
4	3150	0.1	0.4	-		850	1100	1950	1200	0.1	0.8	450	1650	0.1	0.6
5	-	-	-	-		-	-	-	-	-	-	-	8350	-	-
6	6600	-	0.6	700		4200	750	4950	1650	-	1.2	600	2250	-	0.9
7	8100	-	0.6	600		4700	1950	6650	1450	-	1.2	550	2000	-	0.9
8	12850	-	0.6	1800		5500	4250	9750	3100	-	1.1	1150	4250	-	0.8
9	14550	-	0.7	800		3000	150	3150	11400	-	1.1	4200	15600	-	0.8
11	18050	-	0.7	3950		3950	3150	7100	10950	-	1.1	4050	15000	-	0.8
12	15900	-	0.6	7500		15900	-	15900	-	-	-	-	-	-	-
TOTALS	101600	0.03	0.60	16900		53600	13350	66950	34650	0.05	1.01	12800	47450	0.04	0.77

$\frac{39100 \cdot 185}{100} = 72135$
 $\frac{59}{100} \cdot 2 + 65 = 67$

P1-10
 $\frac{436905}{14827} = 29.47$ Mining
 $\frac{40337}{12910} = 3.12$ Dev
 $\frac{3024}{1028} = 2.94$ Milling
 $\frac{3.11}{5.32} = 0.58$ Pann
 $\frac{6.79}{58.89} = 0.115$ G.M.S
 $\frac{52.47}{58.89} = 0.89$ DIT

A - Acceptable at present
 B - ✓ with development
 C - Marginal at current prices - high cost
 D - Uneconomical
 E - Inferred

STOREYS CREEK - ORE RESERVE RECONCILIATION 1ST OCTOBER, 1975 - 30TH SEPTEMBER, 1976

LEVEL	INDICATED DILUTED MINEABLE RESERVE AS AT 1.10.75	EXTRACTION	NON RECOVERABLE RESERVES	ADDITIONS TO RESERVES	INDICATED DILUTED MINEABLE RESERVES AS AT 30.9.76
ADITS	1850	-	-	- 1850	-
1	-	-	-	-	-
2	4950	2000	-	- 2950	-
3	1900	-	-	- 1900	-
4	1650	-	-	- 1650	-
6	6050	2350	1450	-	2250
7	2000	-	-	-	2000
8	6250	2000	-	-	4250
9	15700	3200	-	+ 3100	15600
11	17900	8650	-	+ 5750	15000
12	-	-	-	-	-
TOTALS	58250	18200	1450	+ 500	39100

STOREYS CREEK - ORE RESERVE RECONCILIATION 1ST OCTOBER, 1975 - 30TH SEPTEMBER, 1976

LEVEL	INDICATED DILUTED MINEABLE RESERVE AS AT 1.10.75	EXTRACTION	NON RECOVERABLE RESERVES	ADDITIONS TO RESERVES	INDICATED DILUTED MINEABLE RESERVES AS AT 30.9.76
ADITS	1850	-	-	-	1850
1	-	-	-	-	-
2	4950	2000	-	-	2950
3	1900	-	-	-	1900
4	1650	-	-	-	1650
6	6050	2350	1450	-	2250
7	2000	-	-	-	2000
8	6250	2000	-	-	4250
9	15700	3200	-	3100	15600
11	17900	8650	-	5750	15000
12	-	-	-	-	-
TOTALS	58250	18200	1450	8850	47450

39100

STOREYS CREEK - ORE RESERVE RECONCILIATION 1ST OCTOBER, 1975 - 30TH SEPTEMBER, 1976

LEVEL	INDICATED DILUTED MINEABLE RESERVE AS AT 1.10.75	EXTRACTION <i>O.S./75 - D.M./76</i>	NON RECOVERABLE RESERVES	ADDITIONS TO RESERVES	INDICATED DILUTED MINEABLE RESERVES AS AT 30.9.76
ADITS	1850	-	-	-	1850
1	-	-	-	-	-
2	4950	2000	-	-	2950
3	1900	-	-	-	1900
4	1650	-	-	-	1650
6 <i>Collapsed</i>	6050	2350	1450	-	2250
7	2000	-	-	-	2000
8	6250	2000	-	-	4250
9	15700	3200	-	3100	15600
11	17000	8650	-	5750	15000
12	-	-	-	-	-
TOTALS	58250	18200	1450	8850	47450

8350 } *No mining - delete*

Extraction 2 NW 75 14,349
✓ - NW 76 16,957?

1-10 14827
" 1130
12 1000
16957

meeting - DGM.G RMP MRM 29.10
agreed I.D.M.R. shall be 39100. (say 2 see left)

STOKOYS CREEK

ORE RESERVE RECONCILIATION

1st OCT. 1975 - 30th SEP. 1976

LEVEL	INDICATED DILUTED MINEABLE RESERVE AS AT 1-10-75	EXTRACTION	NON RECOVERABLE RESERVES	ADDITIONS TO RESERVES	INDICATED DILUTED MINEABLE RESERVES AS AT 30-9-76
ADITS	1850	NIL	NIL	NIL	1850
1	NIL	NIL	NIL	NIL	NIL
2	4950	2000	NIL	NIL	2950
3	1900	NIL	NIL	NIL	1900
4	1650	NIL	NIL	NIL	1650
6	6050	2350	1450	NIL	2250
7	2000	NIL	NIL	NIL	2000
8	6250	2000	NIL	NIL	4250
9	15700	3200	NIL	3100	15600
11	17900	8650	NIL	5750	15000
12	NIL	NIL	NIL	NIL	NIL
TOTALS.	58250	18200	1450	8850	47450