Dolphin - Resource + Reserve 13·2·79
0374_1500

'C' LENS ORE RESOURCE AND MINING RESERVE

	WEDGE AREA		CENTRAL AREA		PIT AREA		SOUTHERN AREA		TOTAL		CUMULATIVE TOTAL	
	GEOLOGICAL RESOURCE	MINING RESERVE	GEOLOGICAL RESOURCE	MINING RESERVE	GEOLOGICAL RESOURCE	MINING RESERVE	GEOLOGICAL RESOURCE	MINING RESERVE	GEOLOGICAL RESOURCE	MINING RESERVE	GEOLOGICAL RESOURCE	MINING RESERVE
	15,700 1·10	—	15,800 1·65	—	7,000 2·10	—	—	—	38,500 1·51	—	38,500 1·51	—
	—	—	—	—	237,000 0·65	—	—	—	237,000 0·65	—	237,000 0·65	—
	—	—	—	—	—	—	—	—	—	—	—	—
		11,500 1·10		11,600 1·65		174,000 0·65*				197,100 0·74		197,100 0·74
−75m R.L.												
	140,000 1·19	36,000 1·15	50,000 1·57	23,600 1·37	6,000 0·71	5,300 0·57	—	—	196,000 1·27	64,900 1·18	234,500 1·31	64,900 1·18
	—	—	—	—	105,000 0·62	31,700 0·50	—	—	105,000 0·62	31,700 0·50	342,000 0·64	31,700 0·50
	—	—	—	—	—	—	—	—	—	—	—	—
		77,100 1·07		16,200 1·62		47,800 0·56*				141,100 0·96*		338,200 0·83
−100m R.L.												
	MINED OUT	—	203,000 1·21	147,300 1·06	48,000 0·74	42,300 0·59	—	—	251,000 1·12	189,600 0·96	485,500 1·21	254,500 1·02
		—	—	—	30,000 0·59	23,800 0·47	—	—	30,000 0·59	23,800 0·47	372,000 0·64	55,500 0·49
		—	—	—	—	—	—	—	—	—	—	—
		11,100 1·28		10,900 1·39						22,000 1·33		360,200 0·86
−125m R.L.												
	498,000 1·04	268,200 0·88	22,000 1·59	15,200 1·38	MINED OUT	—	—	—	520,000 1·06	283,400 0·91	1,005,500 1·13	537,900 0·96
	—	—	—	—		—	—	—	—	—	372,000 0·64	55,500 0·49
	—	—	—	—		—	—	—	—	—	—	—
		129,700 1·11		13,200 1·44		4,300 0·90				147,200 1·13		507,400 0·94
−150m R.L.												
	1,034,000 1·22	815,000 1·06	158,000 1·38	89,400 1·20	609,000 1·05	429,300 0·90	—	—	1,801,000 1·18	1,333,700 1·02	2,806,500 1·16	1,871,600 1·00
	—	—	—	—	44,000 1·05	31,300 0·91	67,000 0·66	48,100 0·59	111,000 0·81	79,400 0·72	483,000 0·68	134,900 0·63
	—	—	—	—	—	—	33,000	—	33,000	—	33,000	—
		3,000 1·62		35,900 1·38		54,100 1·15				93,000 1·25		600,400 0·99
−200m R.L.												
	1,096,000 1·32	669,700 1·12	25,000 1·25	21,000 1·13	294,000 0·81	202,900 0·68	270,000 1·08	215,400 0·97	1,685,000 1·19	1,109,000 1·01	4,491,500 1·17	2,980,600 1·01
	274,000 1·43	191,200 1·23	—	—	—	—	32,000 0·89	23,000 0·80	306,000 1·37	214,200 1·18	789,000 0·95	349,100 0·97
	—	—	25,000	—	—	—	14,000	—	39,000	—	72,000	—
		208,000 1·42				33,000 1·10				241,000 1·38		841,400 1·10
TOTALS	2,783,700 1·22	1,788,900 1·06	473,800 1·34	296,500 1·15	964,000 0·97	679,800 0·81	270,000 1·08	215,400 0·97	PROVEN:		4,491,500 1·17	2,980,600 1·01
	274,000 1·43	191,200 1·23	—	—	416,000 0·68	86,800 0·64	99,000 0·73	71,100 0·66	PROBABLE:		789,000 0·95	349,100 0·97
	—	—	25,000	—	—	—	47,000	—	POSSIBLE:		72,000	—
		440,400 1·26		87,800 1·47		313,200 0·77						841,400 1·10

N.B. 11,500 1·10 ..... PROVEN RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS
174,000 0·65* ..... PROBABLE RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS

'B' LENS ORE RESOURCE AND MINING RESERVE
(PROBABLE RESOURCE and RESERVE)

	113,000 0·63	—	14,000 1·06	—	—	—	—	—	127,000 0·68	—	127,000 0·68	—
		55,900 0·57		7,200 0·91						63,100 0·61		63,100 0·61
−50m R.L.												
	▼217,000 0·84	133,700 0·76	102,000 0·96	62,800 0·76	9,000 0·94	5,500 0·85	8,000 0·86	4,900 0·77	336,000 0·88	206,900 0·76	463,000 0·83	206,900 0·76
												63,100 0·61

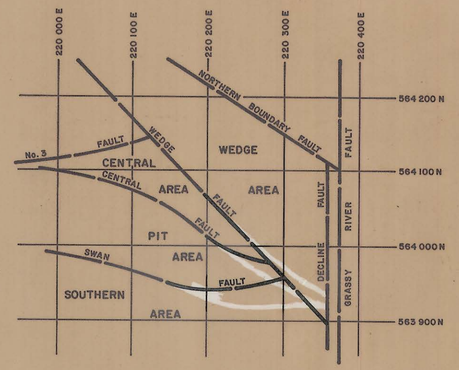
▼ 74,000 at 0·97% East of Decline Fault

METHOD OF GRADE CALCULATION:
Modified polygonal method of weighted arithmetic means.

METHOD OF TONNES CALCULATION:
Truncated cone formula, using geological floor plans in the Wedge Area and all other areas below −150m R.L. Drill sections used above −150m R.L.

KING ISLAND SCHEELITE
UNDERGROUND TECHNICAL SERVICES

ORE RESOURCE AND MINING RESERVE TABLE
13-2-79



DOLPHIN OREBODY SUMMARY

ORE RESOURCE:

PROVEN ORE RESOURCE.....C LENS..... 4,491,500 TONNES at 1·17% WO_3
PROBABLE ORE RESOURCE.....C LENS..... 789,000 TONNES at 0·95% WO_3
B LENS..... 463,000 TONNES at 0·83% WO_3

TOTAL PROVEN PLUS PROBABLE ORE RESOURCE..... 5,743,500 TONNES at 1·11% WO_3

POSSIBLE ORE RESOURCE.....C LENS..... 72,000 TONNES

MINING RESERVE:

PROVEN RESERVES AVAILABLE TO MINING.....C LENS..... 2,980,600 TONNES at 1·01% WO_3
PROBABLE RESERVES AVAILABLE TO MINING.....C LENS..... 349,100 TONNES at 0·97% WO_3
B LENS..... 206,900 TONNES at 0·76% WO_3

TOTAL PROVEN PLUS PROBABLE RESERVES..... 3,536,600 TONNES at 0·99% WO_3

TOTAL PROVEN PLUS PROBABLE RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS..... 904,500 TONNES at 1·07% WO_3

WEDGE 440,400 TONNES at 1·26% WO_3
CENTRAL 87,800 TONNES at 1·47% WO_3
PIT 313,300 TONNES at 0·77% WO_3
B LENS 63,100 TONNES at 0·61% WO_3

5 cm

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DRAWN BY: R.F.
CHECKED BY: /N.F.M.
DATE: 13·2·79