KING ISLAND SCHEELITE

UNDERGROUND TECHNICAL SERVICES

ORE RESOURCE AND MINING RESERVE TABLE

12·02·80

'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
	11,900 1·10	—	11,100 1·65	—	3,300 1·90	—	—	—	26,300 1·43	—	26,300 1·43	—
	—	—	—	—	254,800 0·77	—	—	—	254,800 0·77	—	254,800 0·77	—
	—	—	—	—	10,000	—	—	—	10,000	—	10,000	—
		8,500 0·95		8,800 1·49		187,200 *0·69				204,500 0·74		204,500 0·74
-75mR.L.												
	69,200 0·98	—	71,600 1·57	44,100 1·37	4,200 1·36	3,700 1·09	—	—	145,000 1·28	47,800 1·35	171,300 1·31	47,800 1·35
	—	—	—	—	152,800 0·62	77,500 0·50	—	—	152,800 0·62	77,500 0·50	407,600 0·71	77,500 0·50
	—	—	—	—	—	—	—	—	—	—	10,000	—
		90,500 1·06		15,400 1·62		55,200 *0·62				161,100 0·96		365,600 0·84
-100mR.L.												
	MINED OUT	—	196,800 1·19	133,900 1·05	50,700 0·88	44,700 0·70	—	—	247,500 1·13	178,600 0·96	418,800 1·20	226,400 1·04
		—	—	—	15,500 0·74	12,300 0·59	—	—	15,500 0·74	12,300 0·59	423,100 0·71	89,800 0·51
		—	—	—	—	—	—	—	—	—	10,000	—
		10,800 1·23		26,000 1·39						36,800 1·34		402,400 0·88
-125mR.L.												
	474,000 1·02	260,100 0·88	21,500 1·59	14,900 1·38	MINED OUT	—	—	—	495,500 1·04	275,000 0·91	914,300 1·11	501,400 0·97
	—	—	—	—		—	—	—	—	—	423,100 0·71	89,800 0·51
	—	—	—	—		—	—	—	—	—	10,000	—
		145,200 1·11		14,900 1·36		4,200 0·90				164,300 1·13		566,700 0·95
-150mR.L.												
	1,096,600 1·25	865,100 1·08	113,900 1·38	70,100 1·20	602,000 1·11	399,000 0·97	—	—	1,812,500 1·21	1,334,200 1·05	2,726,800 1·18	1,835,600 1·03
	—	—	34,800 1·60	24,600 1·39	110,400 1·18	78,600 1·03	63,000 0·53	47,900 0·48	208,200 1·05	151,100 0·91	631,300 0·83	240,900 0·76
	—	—	7,000	—	—	—	5,000	—	12,000	—	22,000	—
		2,900 1·62		24,500 1·38		97,600 1·15				125,000 1·21		691,700 1·00
-200mR.L.												
	1,178,900 1·37	984,700 1·16	40,000 0·96	30,500 0·86	255,300 0·78	166,400 0·68	228,000 1·08	192,600 0·97	1,702,200 1·23	1,374,200 1·07	4,429,000 1·20	3,209,800 1·05
	118,600 1·40	110,500 1·19	—	—	—	—	19,000 1·37	14,500 0·65	137,600 1·40	125,000 1·13	768,900 0·93	365,900 0·89
	—	—	20,000	—	—	—	16,000	—	36,000	—	58,000	—
		202,700 1·42				18,200 1·10				220,900 1·39		912,600 1·09
TOTALS	2,830,600 1·25	2,109,900 1·09	454,900 1·31	293,500 1·13	915,500 1·01	613,800 0·87	228,000 1·08	192,600 0·97	PROVEN:		4,429,000 1·20	3,209,800 1·05
	118,600 1·40	110,500 1·19	34,800 1·60	24,600 1·39	533,500 0·81	168,400 0·75	82,000 0·72	62,400 0·52	PROBABLE:		768,900 0·93	365,900 0·89
	—	—	27,000	—	10,000	—	21,000	—	POSSIBLE:		58,000	—
		460,600 1·24		89,600 1·43		362,400 0·83						912,600 1·09

N.B. 8,500 0·95.....PROVEN RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS

187,200 *0·69.....PROBABLE RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS

'B' LENS ORE RESOURCE AND MINING RESERVE

(PROBABLE RESOURCE and RESERVE)

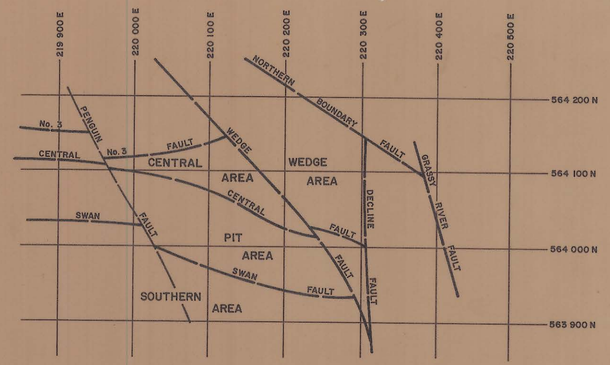
	110,000 0·63	—	13,600 1·06	—	—	—	—	—	123,600 0·68	—	123,600 0·68	—
		55,400 0·57		7,000 0·95						62,400 0·61		62,400 0·61
-50mR.L.												
	290,000▼ 0·86	178,600 0·77	96,600 0·96	59,500 0·96	9,000 0·94	5,500 0·85	24,400 0·80	15,000 0·72	420,000 0·88	258,600 0·79	543,600 0·83	258,600 0·79
	71,000▼▼	—	—	—	—	—	—	—	71,000	—	71,000	—

160,000▼ TONNES at 0·86 % EAST OF DECLINE FAULT ZONE

51,000▼▼ TONNES EAST OF DECLINE FAULT ZONE

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 -150mR.L.~~



DOLPHIN OREBODY SUMMARY

ORE RESOURCE:

PROVEN ORE RESOURCE.....C LENS..... 4,429,000 TONNES at 1·20 %WO_3
PROBABLE ORE RESOURCE.....C LENS..... 768,900 TONNES at 0·93 %WO_3
B LENS..... 543,600 TONNES at 0·83 %WO_3

TOTAL PROVEN PLUS PROBABLE ORE RESOURCE..... 5,741,500 TONNES at 1·13 %WO_3

POSSIBLE ORE RESOURCE.....C LENS..... 58,000 TONNES
B LENS..... 71,000 TONNES

TOTAL POSSIBLE ORE RESOURCE..... 129,000 TONNES

MINING RESERVE:

PROVEN RESERVES AVAILABLE TO MINING.....C LENS..... 3,209,800 TONNES at 1·05 %WO_3
PROBABLE RESERVES AVAILABLE TO MINING.....C LENS..... 365,900 TONNES at 0·89 %WO_3
B LENS..... 258,600 TONNES at 0·79 %WO_3

TOTAL PROVEN PLUS PROBABLE RESERVES..... 3,834,300 TONNES at 1·02 %WO_3

TOTAL PROVEN PLUS PROBABLE RESOURCE IN MAJOR PILLARS EXCLUDING POST PILLARS..... 975,000 TONNES at 1·06 %WO_3

WEDGE 460,600 TONNES at 1·24 %WO_3
CENTRAL 89,600 TONNES at 1·43 %WO_3
PIT 362,400 TONNES at 0·83 %WO_3
B LENS 62,400 TONNES at 0·61 %WO_3

5 cm

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COMPILED BY: S.G.B./T.F.P.
DRAWN BY: R.F.
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DATE: APR., 1980

DOLPHIN RESOURCE/RESERVE
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