

0374_1497

DOLPHIN MINE
ORE RESOURCE /
ORE RESERVE.
SEPT., 1980

0374_1497

5 cm

KING ISLAND SCHEELITE - UNDERGROUND TECHNICAL SERVICES
DOLPHIN OREBODY ORE RESOURCE AND MINING RESERVE TABLE AS AT 31-8-80
METHOD OF GRADE CALCULATION: Modified polygonal method of weighted arithmetic means.
METHOD OF TONNES CALCULATION: Truncated cone formula using geological floor plans.

COMPILED BY: S.G.B./A.J.C.
DRAWN BY: R.F.
CHECKED BY: S.G.B./A.J.C.
DATE: SEPT., 1980

AREA	PROVEN						PROBABLE						POSSIBLE		TOTAL PROVEN + PROBABLE			
	GEOLOGICAL RESOURCE		RESOURCE IN MAJOR PILLARS		MINING RESERVE		GEOLOGICAL RESOURCE		RESOURCE IN MAJOR PILLARS		MINING RESERVE		GEOLOGICAL RESOURCE		GEOLOGICAL RESOURCE		MINING RESERVE	
UPPER WEDGE [-50 to -125mR.L.]	128,700	0.99	106,100	0.96	13,600	0.91	NIL	NIL	NIL	NIL	NIL	NIL	128,700	0.99	13,600	0.91		
MID WEDGE [-125 to -220mR.L.]	1,201,400	1.06	239,400	1.09	777,500	0.96	NIL	NIL	NIL	NIL	NIL	NIL	1,201,400	1.06	777,500	0.96		
LOWER WEDGE [-150 to -330mR.L.] OPEN STOPE	746,600	1.42	NIL		797,000	1.27	72,000	1.38	NIL		65,400	1.23	NIL		818,600	1.42	862,400	1.27
BARRIER PILLAR 1	388,000	1.41	NIL		412,100	1.13	NIL		NIL		NIL		NIL		388,000	1.41	412,100	1.13
BARRIER PILLAR 2	477,000	1.39	NIL		280,400	1.16	NIL		NIL		NIL		NIL		477,000	1.39	280,400	1.16
REMNANT	13,300	1.14	NIL		7,100	1.04	21,600	1.16	NIL		10,400	1.06	NIL		34,900	1.15	17,500	1.05
UPPER CENTRAL [-50 to -150mR.L.]	268,300	1.26	81,800	1.21	181,100	0.96	NIL		NIL		NIL	65,000		268,300	1.26	181,100	0.96	
MID CENTRAL [-150 to -200mR.L.]	113,900	1.38	81,300	1.41	23,900	1.09	34,800	1.60	6,000	1.84	19,000	1.29	7,000		148,700	1.43	42,900	1.18
LOWER CENTRAL [-200 to -270mR.L.]	40,000	0.97	NIL		36,000	0.81	NIL		NIL		NIL		NIL		40,000	0.97	36,000	0.81
UPPER PIT [-50 to -150mR.L.]	79,300	1.25	25,900	1.15	42,600	1.03	423,100	0.71	253,500	0.67	67,500	0.50	10,000		502,400	0.80	110,100	0.71
LOWER PIT [-150 to -270mR.L.]	850,000	1.01	200,100	1.00	543,700	0.85	46,800	1.20	6,100	1.16	30,500	1.01	NIL		896,800	1.02	574,200	0.86
PIT DAG	NIL		NIL		NIL		83,500	1.15	21,700	1.16	48,000	0.96	2,000		83,500	1.15	48,000	0.96
SOUTHERN	NIL		NIL		NIL		310,000	0.99	NIL		218,600	0.82	21,000		310,000	0.99	218,600	0.82

TOTAL C LENS:

4,306,500	1.20	734,600	1.10	3,115,000	1.06	991,800	0.95	287,300	0.74	459,400	0.88	105,000		5,298,300	1.15	3,574,400	1.04
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B LENS	GEOLOGICAL RESOURCE		RESOURCE IN MAJOR PILLARS		MINING RESERVE		GEOLOGICAL RESOURCE		RESOURCE IN MAJOR PILLARS		MINING RESERVE		GEOLOGICAL RESOURCE		GEOLOGICAL RESOURCE		MINING RESERVE	
WEDGE WEST OF D.F.Z.	NIL		NIL		NIL		240,000	0.75	55,400	0.57	89,500	0.72	2,000		240,000	0.75	89,500	0.72
WEDGE EAST OF D.F.Z.	NIL		NIL		NIL		343,000	0.74	NIL		236,000	0.62	107,000		343,000	0.74	236,000	0.62
CENTRAL	NIL		NIL		NIL		110,200	0.97	7,000	0.95	66,500	0.80	NIL		110,200	0.97	66,500	0.80
PIT	NIL		NIL		NIL		9,000	0.94	NIL		5,500	0.85	NIL		9,000	0.94	5,500	0.85
SOUTHERN	NIL		NIL		NIL		24,400	0.80	NIL		16,700	0.67	NIL		24,400	0.80	16,700	0.67

TOTAL B LENS:

NIL		NIL		NIL		726,600	0.78	62,400	0.61	414,200	0.68	127,000		726,600	0.78	414,200	0.68
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TOTAL DOLPHIN MINE	4,306,500	1.20	734,600	1.10	3,115,000	1.06	1,718,400	0.88	349,700	0.72	873,600	0.79	232,000		6,024,900	1.11	3,988,600	1.00
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