Mt. Bundy Projec Tom's Gully Mine **Crocodile Gold** Australia Operations Shared Services Office **Brocks Creek Mine Howley Mine North Point Mine** Union Reefs & Pine Creek Projects Cosmo Mine International **Princess Louise Mine** Australia Union Reefs Mill Legend **Current operating mine** 

Mine in development Processing facility

Figure 1: Crocodile Gold Northern Territory Location Map

**Table 1: Probable Mineral Reserves for Northern Territory Properties** 

## **CROCODILE GOLD MINERAL RESERVE STATEMENT -31 December, 2010**

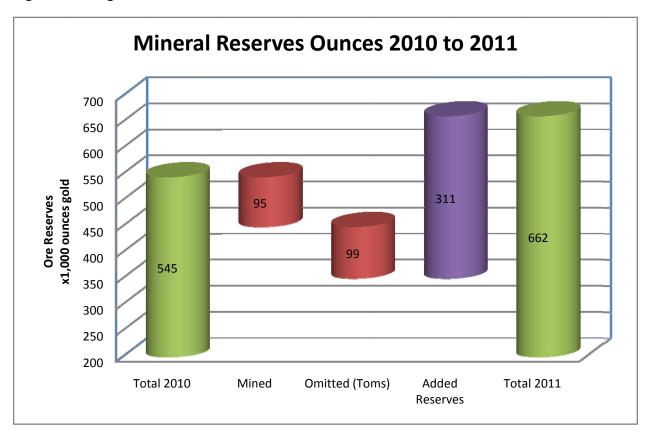
		PROBABLE MINERAL RESERVE					
Project	Deposit	Cut-off (g/t)	Tonnes	Gold Grade (g/t)	Ounces Gold		
Burnside	Brocks Creek	7.1	34,000	8.6	9,300		
	Cosmo Deeps	3.1	3,100,000	4.2	420,000		
	Howley	1.0	340,000	1.6	18,000		
	North Point	1.0	55,000	2.3	4,000		
	Princess Louise	1.0	200,000	1.5	9,700		
	Mottrams	1.0	980,000	1.2	39,000		
Pine Creek	Kohinoor	1.0	290,000	1.9	18,000		
	Cox	1.0	500,000	1.6	26,000		
	International	1.0	1,300,000	1.5	65,000		
	Gandys	1.0	480,000	1.7	26,000		
	South Enterprise	1.0	420,000	2.0	27,000		
	TOTAL		7,699,000	2.7	662,000		
Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability							
		Gold Price: \$US1000/oz \$A:\$US 0.91					

**Note:** Mineral Reserves are included in Mineral Resources. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Depleted for mining as at December 31, 2010 and does not include any depletion for mining since such date.

The Mineral Reserve estimate was reviewed and optimized by Mark Edwards who is a "qualified person" as such term is defined in National Instrument 43-101 and has supervised the preparation of the technical information and data included in this news release. The mineral resource estimate was generated using the following parameters:

- Models used have been reviewed and optimized by Mark Edwards and Fleur Muller
- Model technique is Ordinary Kriging, Multiple Indicator Kriging or Inverse Distance (review NI43-101 for more details)
- Mineralization wireframes conducted on 0.4-2g/t material with a minimum width of 1-2m depending on deposit and mineralization styles
- High grade top cut used of 2-40g/t depending on statistical review of sample results
- 1m metre samples with core half core or split RC samples used in models
- Samples were generally submitted to NAL and analyzed using 50g fire assay with AAS finish, some samples were submitted to umpire laboratory for QAQC purposes

Figure 2: Changes to Mineral Reserve Ounces



CROCODILE GOLD MINERAL RESOURCE STATEMENT - 31 December 2010									
		MEASURED MINERAL RESOURCE			INDICATED MINERAL RESOURCE				
Project	Deposit	Cut-off (g/t)	Tonnes	Gold Grade (g/t)	Ounces Gold	Cut-off (g/t)	Tonnes	Gold Grade (g/t)	Ounces Gold
Mt Bundy	Tom's Gully*					3.7	321,000	8.9	92,000
	Rustler's Roost <sup>A</sup>					0.5	19,920,000	0.9	572,800
Burnside	Howley					0.7	6,602,000	1.2	259,000
	Mottrams₃	0.7	278,000	1.3	11,200	0.7	1,557,000	1.2	60,900
	Brocks Creek* <sup>B</sup>					7.1	34,000	8.6	9,300
	Cosmo*					2.0	5,300,000	4.6	776,000
	North Point <sup>B</sup>					0.7	103,000	1.6	5,300
	Princess Louise B	0.7	214,000	1.5	10,200	0.7	533,000	1.3	21,400
	Rising Tide					0.7	1,259,000	1.4	57,200
	Fountain Head					0.7	289,000	1.9	17,400
	Tally Ho*					2.0	274,000	4.3	37,700
	Mined Stockpiles	0.7	110,330	0.8	2,900				
<b>Union Reefs</b>	Prospect Claim					0.5	239,000	2.4	18,200
Pine Creek	Cox					0.5	730,000	1.4	33,100
	Czarina					0.5	1,040,000	1.8	60,300
	Gandy's					0.5	535,000	1.8	31,100
	International					0.5	2,253,000	1.4	105,000
	Kohinoor					0.5	470,000	1.8	27,100
	South Enterprise					0.5	500,000	2.0	32,000
Maud Creek	Maud Creek*					1.0	9,288,000	3.1	935,000
	TOTAL		602,330	1.3	24,300		51,247,000	1.9	3,150,800

Note: \*Underground Resource

Note: A = Crocodile Gold holes 80% interest in this deposit

Note: B = depleated from mining as of Dec31 2010

**Mineral Resources include Mineral Reserves** 

Mineral Resources include Mineral Reserves. Mineral resources that are not mineral reserves do not have demonstrated economic viability. Due to the uncertainty of measured, indicated or inferred mineral resources, these mineral resources may never be upgraded to proven and probable mineral reserves.

Calculated at a gold price of US\$1,000>/oz and exchange rate of \$A0.91:US\$1.00) and contained within optimizing pit shells using current operating costs

## Table 2: Measured and Indicated Resources for Northern Territory Properties

The Mineral Resource estimate was reviewed and optimized by Mark Edwards who is a "qualified person" as such term is defined in National Instrument 43-101 and has supervised the preparation of the technical information and data included in this news release. The mineral resource estimate was generated using the following parameters:

- Models used have been reviewed and optimized by Mark Edwards and Fleur Muller
- Model technique is Ordinary Kriging, Multiple Indicator Kriging or Inverse Distance (review NI43-101 for more details)
- Mineralization wireframes conducted on 0.4-2g/t material with a minimum width of 1-2m depending on deposit and mineralization styles
- High grade top cut used of 2-40g/t depending on statistical review of sample results
- 1m metre samples with core half core or split RC samples used in models
- Samples were generally submitted to NAL and analyzed using 50g fire assay with AAS finish, some samples were submitted to umpire laboratory for QAQC purposes

Figure 3: Changes to Measured and Indicated Resources for Northern Territory Properties **Total Measured + Indicated Resources** 3300 3100 2900 776 Mineral Resources x1,000 ounces gold 2700 2500 3,172 2300 2100 2,492 1900 1700 1500 Total 2011 2009 Statement Mined Discovered

**Table 3: Inferred Mineral Resources for Northern Territory Properties** 

## **CROCODILE GOLD MINERAL RESOURCE STATEMENT - 31 December 2010**

		INFERRED MINERAL RESOURCE					
Project	Deposit	Cut-off (g/t)	Tonnes	Gold Grade (g/t)	Ounces Gold		
Mt Bundy	Tom's Gully* <sup>B</sup>	3.7	193,000	7.8	48,400		
	Rustler's Roost <sup>A</sup>	0.5	10,320,000	0.9	302,400		
Burnside	Howley	0.7	1,385,000	1.4	62,700		
	Mottrams <sup>B</sup>	0.7	1,151,000	1.2	43,900		
	Cosmo*	2.0	5,654,000	3.7	676,000		
	North Point <sup>B</sup>	0.7	146,000	1.6	7,600		
	Princess Louise <sup>B</sup>	0.7	5,000	1.3	200		
	Rising Tide	0.7	557,000	1.4	25,500		
	Fountain Head	0.7	98,800	2.0	6,200		
	Tally Ho*	2.0	114,000	4.9	17,900		
	Kazi	0.7	410,000	2.0	25,700		
	Western Arm	0.7	3,383,000	1.1	120,300		
	Bridge Creek	0.7	1,796,000	1.2	66,800		
	Bon's Rush	0.7	805,000	2.3	60,400		
	Iron Blow*	1.0	3,175,000	2.1	210,000		
<b>Union Reefs</b>	Prospect Claim	0.5	315,000	2.5	25,700		
	Low-Grade Stockpiles	NA	260,000	0.8	6,300		
	Esmeralda	0.5	1,062,000	2.1	70,300		
	Lady Alice	0.5	68,000	1.9	4,100		
	Millars/Big Tree/PingQue	0.5	523,000	1.8	30,100		
	Orinoco	0.5	135,000	1.2	5,400		
	Union North	0.5	559,000	1.5	27,300		
	Union South/ Temple	0.5	818,000	1.3	35,000		
Pine Creek	Cox	0.5	74,000	1.4	3,300		
	South Czarina	0.5	294,000	1.5	14,100		
	Enterprise	0.5	1,061,000	2.6	87,600		
	Gandy's	0.5	482,000	2.9	45,300		
	Kohinoor	0.5	335,000	2.6	28,500		
	South Enterprise	0.5	101,000	1.4	4,400		
Maud Creek	Maud Creek*	1.0	1,072,000	2.4	82,000		
	TOTAL		36,351,800	1.8	2,143,400		

Note: \*Underground Resource

Note: A = Crocodile Gold holds an 80% interest in this deposit

Note: B = depleted from mining as of December 31, 2010

Mineral Resources include Mineral Reserves. Mineral resources that are not mineral reserves do not have demonstrated economic viability. Due to the uncertainty of measured, indicated or inferred mineral resources, these mineral resources may never be upgraded to proven and probable mineral reserves.

The Inferred Mineral Resource estimate was reviewed and optimized by Mark Edwards who is a "qualified person" as such term is defined in National Instrument 43-101 and has supervised the preparation of the technical information and data included in this news release. The mineral resource estimate was generated using the following parameters:

- Models used have been reviewed and optimized by Mark Edwards and Fleur Muller
- Model technique is Ordinary Kriging, Multiple Indicator Kriging or Inverse Distance (review NI43-101 for more details)
- Mineralization wireframes conducted on 0.4-2g/t material with a minimum width of 1-2m depending on deposit and mineralization styles
- High grade top cut used of 2-40g/t depending on statistical review of sample results
- 1m metre samples with core half core or split RC samples used in models
- Samples were generally submitted to NAL and analyzed using 50g fire assay with AAS finish, some samples were submitted to umpire laboratory for QAQC purposes

Figure 4: Changes to Inferred Mineral Resources for Northern Territory Properties

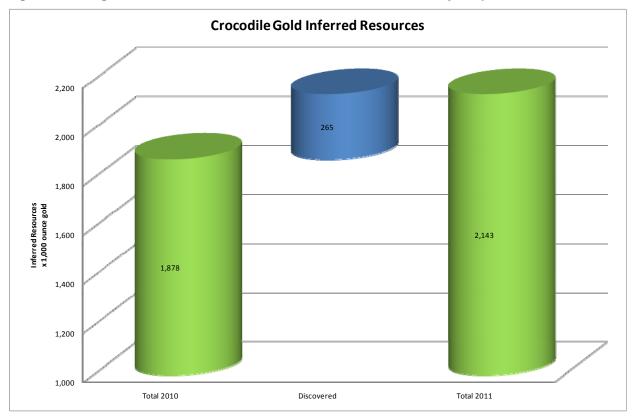


Table 4: Inferred Mineral Resources for Northern Territory Properties – Other Commodities

CROCODILE MINERAL RESOURCE STATEMENT (Other Commodities) - 31 December 2010							
		INFERRED MINERAL RESOURCE					
Project	Deposit	Commodity	Cut-off	Tonnes	Grade (ppm)	Contained metal	
Burnside		Lead	1.0g/t Au	3,175,000	7,595	53,163,000 pounds	
	Iron Blow	Zinc	1.0g/t Au	3,175,000	32,823	229,750,000 pounds	
		Silver	1.0g/t Au	3,175,000	101	10,200,000 ounces	
	Thunderball	Uranium	200ppm	316,800	796	556,000 pounds	

Mineral resources that are not mineral reserves do not have demonstrated economic viability. Due to the uncertainty of measured, indicated or inferred mineral resources, these mineral resources may never be upgraded to proven and probable mineral reserves.

The Inferred Mineral Resource estimate was reviewed and optimized by Mark Edwards who is a "qualified person" as such term is defined in National Instrument 43-101 and has supervised the preparation of the technical information and data included in this news release. The mineral resource estimate was generated using the following parameters:

- Models used was generated by Odessa (Iron Blow) and SRK Consulting (Thunderball)
- Model technique is Ordinary Kriging and Inverse Distance
- Mineralization wireframes conducted on 0.5g/t material with a minimum width of 2m at Iron Blow
- High grade top cut used of 10g/t Au for Iron Blow and 4,000ppm (U₃O<sub>8</sub>) for Thunderball,
- 16 diamond and 39 RC drill holes used on Thunderball
- Approximately 280 samples used at Iron Blow
- 1metre samples with core half core used for Iron Blow and 4m composites used at Thunderball
- Iron Blow Samples were submitted to NAL and analyzed using 50g fire assay with AAS finish for gold and ICP-AAS for base metals