TANAMI GOLD NL

ASX:TAM



Production, Performance, Potential... Building a 200,000oz per annum Australian gold producer

April 2010

#### **Disclaimer & Forward-Looking Statements**

- Certain statements contained in this presentation, including information as to the future financial or operating performance of Tanami Gold NL and its projects, are forward-looking statements. Such forward-looking statements:
  - are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Tanami Gold NL, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
  - involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements; and
  - may include, among other things, statements regarding targets, estimates and assumptions in respect of metal production and prices, operating costs and results, capital expenditures, mineral reserves, mineral resources, anticipated grades, recovery rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions.
- Tanami Gold NL disclaims any intent or obligation to update publicly any forward-looking statements whether as a result of new information, future events or results or otherwise.
- The words 'believe', 'expect', 'anticipate', 'indicate', 'contemplate', 'target', 'plan', 'intends', 'continue', 'budget', 'estimate', 'may', 'will', 'schedule' and similar expressions identify forward-looking statements.
- All forward-looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that
  forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on
  forward-looking statements due to the inherent uncertainty therein.

#### **Competent Person's Statement**

The information in this report has been compiled by Mr Robert Henderson, MAusIMM and MAIG, a full time employee and Geology Manager of Tanami Gold NL. Mr Henderson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr Henderson consents to the inclusion in the report of the matters based on his information in the form and context in which they appear.

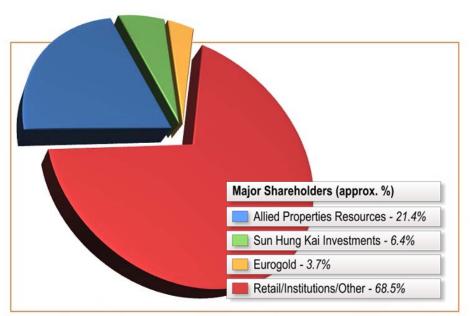
- Unhedged 50,000oz pa production at Western Tanami Operations (WA):
   > Aiming to grow production by 20-50% with plant upgrade
- \$22M acquisition of Central Tanami Gold Project from Newmont:
   > JORC resource of 516,000oz and 1.2Mtpa treatment plant
- Targeting 200,000oz pa production within 24 months
- Exploration program delivering results:

Upgraded JORC Code Resource inventory for Central and Western Tanami
 ~5,000 sq km exploration portfolio in highly prospective Tanami-Arunta Province

Strategic exploration alliance with ABM Resources NL ["ABM"]

### Corporate

Item	Value
Share Price	5.6 cents <sup>1</sup>
Shares Outstanding	3.54 billion
Market Capitalisation	\$198.0 million
Cash and cash equivalents	\$9.8 million <sup>2</sup>
Debt	\$52.5 million <sup>2</sup>
Enterprise Value	\$221 million <sup>2</sup>





#### Board

- Denis Waddell Non Executive Chairman
- Graeme Sloan Managing Director
- Alan Senior Non-Executive Director
- Lee Seng Hui Non-Executive Director

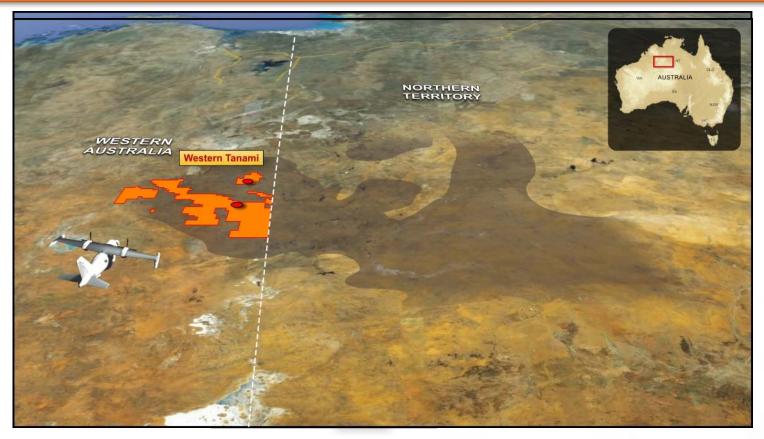
Note 1 - Share price at 16 April 2010 Note 2 - As at 31 March 2010

## Location of Tanami Operations





### **Key Assets**



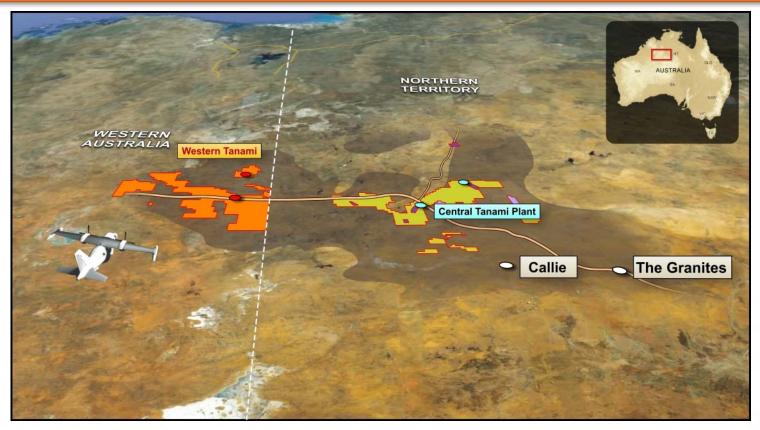
#### Western Tanami Operations

- 250,000 tpa treatment plant
- 50,000oz pa production
- 422,000oz resources @ 5.3g/t Au

- Exploration Portfolio (100%)
  - ~ 2,500 km<sup>2</sup> of tenements
  - Focus on production & brownfields prospects
  - Multiple prospects within 50km of treatment plant



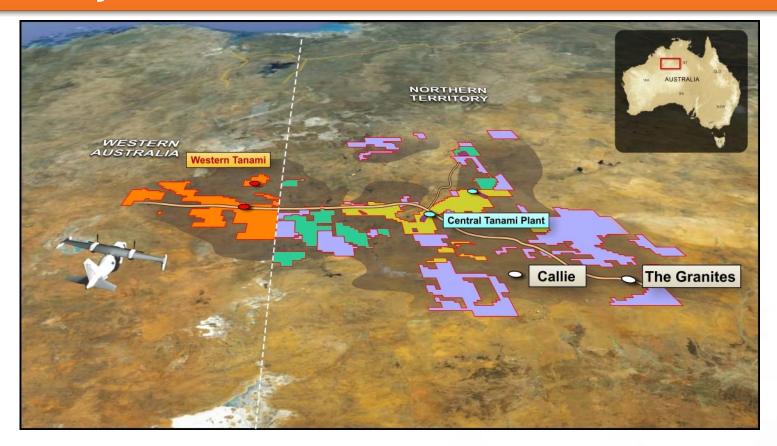
### **Key Assets**



- Central Tanami Project
  - Purchase price \$43/oz [no value assigned to treatment plant/infrastructure/exploration]
  - 1.2Mtpa treatment plant
  - Extensive infrastructure
  - 516,000oz resources @ 2.7g/t Au (Oct 2001)
  - ~ 2,000km<sup>2</sup> of exploration tenements



### **Key Assets**

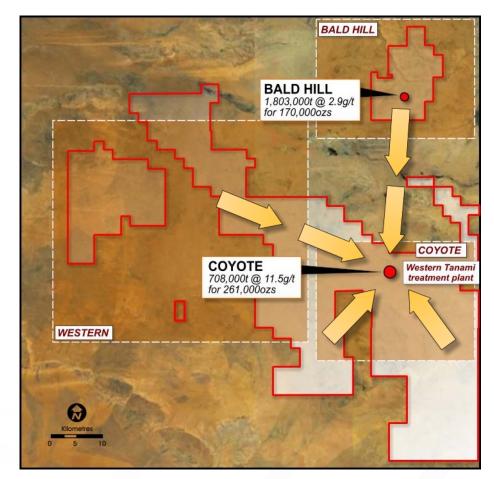


#### 22% Ownership of ABM Resources NL

- ~30,000 km<sup>2</sup> of exploration tenements
- ABM spending \$10M in two years
- Specialised exploration team to focus on greenfields prospects

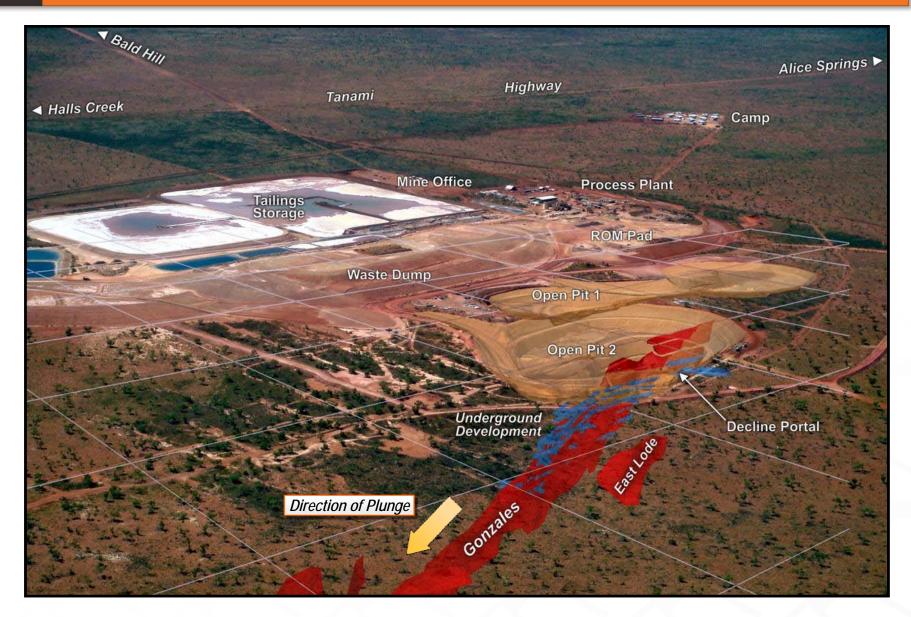
# Western Tanami Operations

- ~ 50,000oz pa production
- Ore sourced from high-grade Coyote U/G and Bald Hill open pit operations [Sandpiper & Kookaburra]
- Surface ore ROM +100kt @ 2.7g/t
- Proposed upgrade of Western Tanami treatment plant [350Ktpa - 650Ktpa]
- Significant new discoveries at Coyote U/G with deepest mining 220 mbs
- Recent exploration success at Sandpiper points to future U/G potential

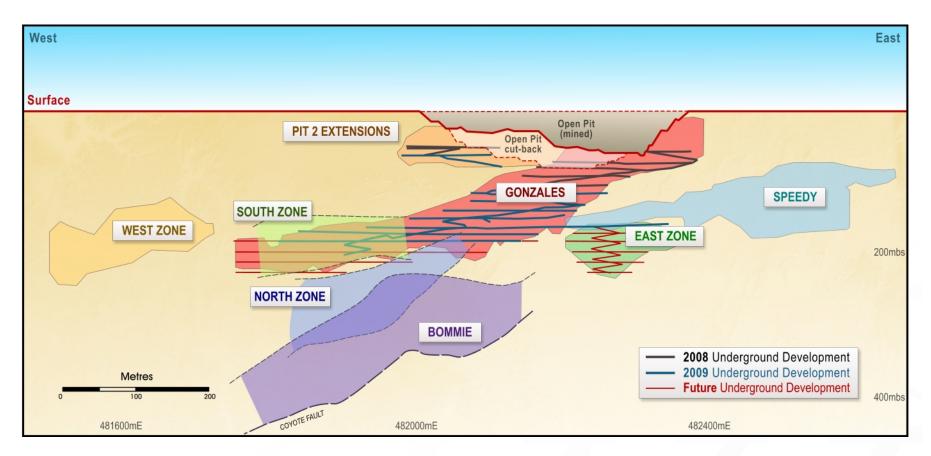




## Western Tanami Operations

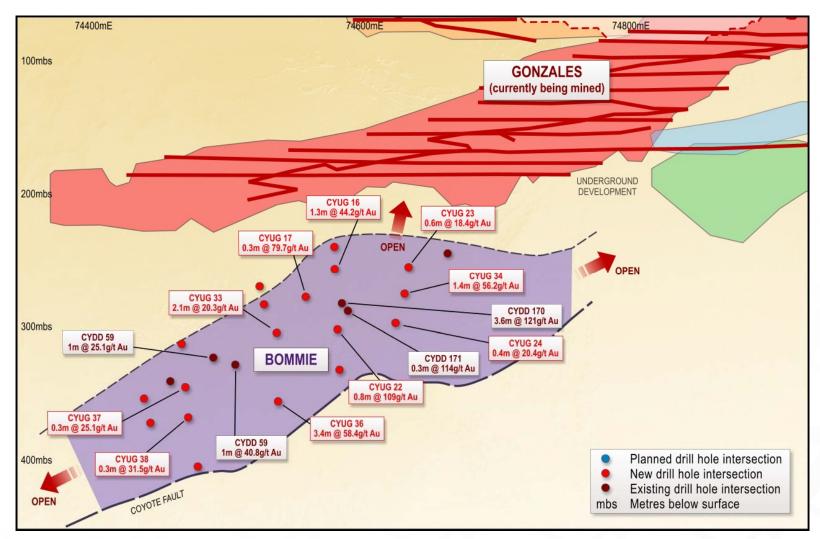


### High-grade mine with outstanding growth potential

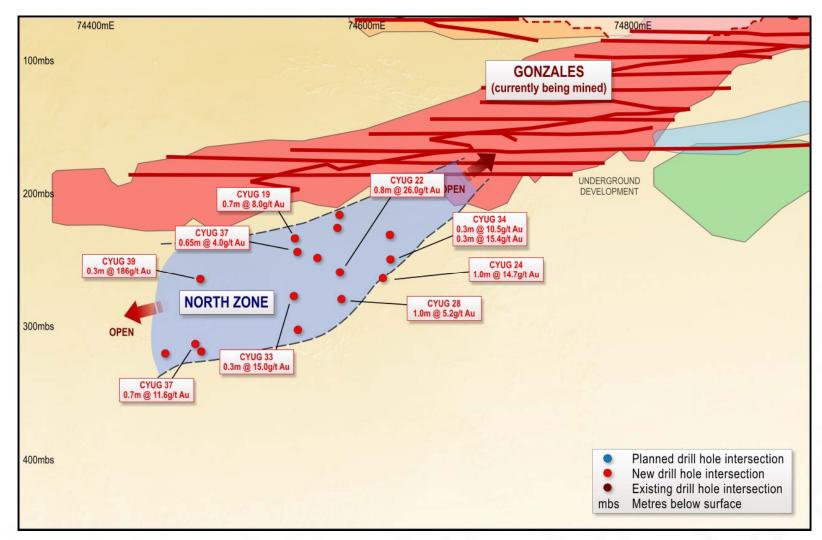


 Indicated and Inferred Resources of 629,000 tonnes @ 12.2g/t Au for 246,000oz (30 June 2009)

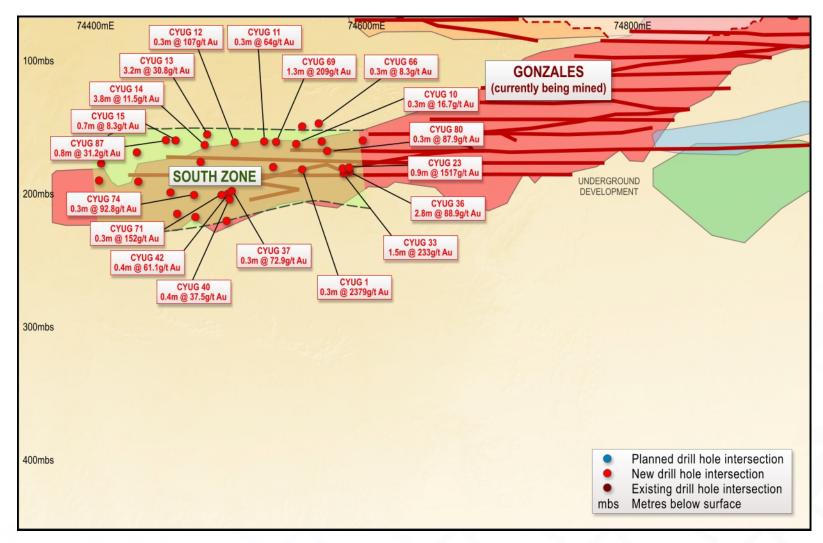
### A high-grade mine with outstanding growth potential



### A high-grade mine with outstanding growth potential

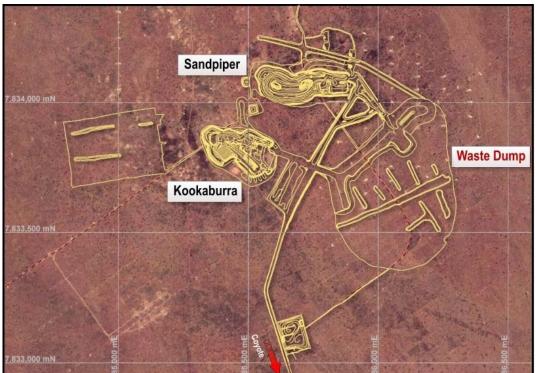


### A high-grade mine with outstanding growth potential



# Bald Hill Satellite Operations

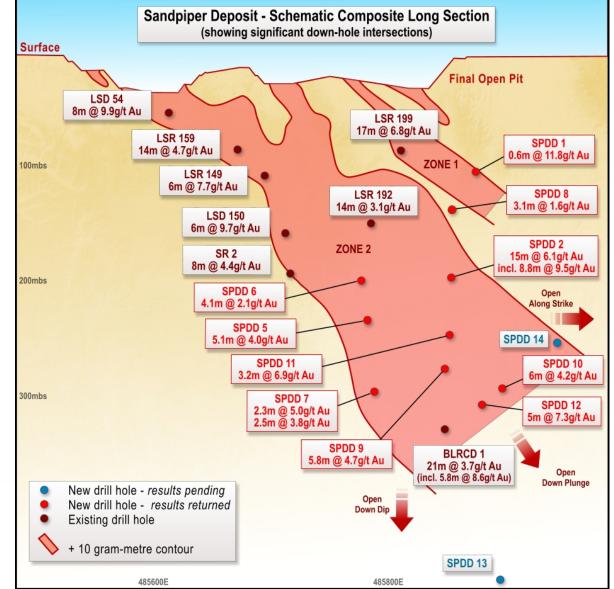
- Located 35km north of Central Tanami treatment plant
- Two open pits Sandpiper and Kookaburra
- Mining undertaken in a staged approach
- Excellent grade and tonnage reconciliations being achieved
- Significant exploration success highlighting underground resources
- Potential long-term production centre



### Sandpiper

- A high-grade open pit mine with outstanding growth potential
- Current Indicated and Inferred Resource: 792,000t @ 3.4g/t Au for 88,0000zs
- Recent drilling
   strengthens resource
   potential below open pit:

15.1m @ 6.1g/t Au incl 8.8m @ 9.6g/t5.0m @ 7.3g/t Au [latest result]Open down plunge......



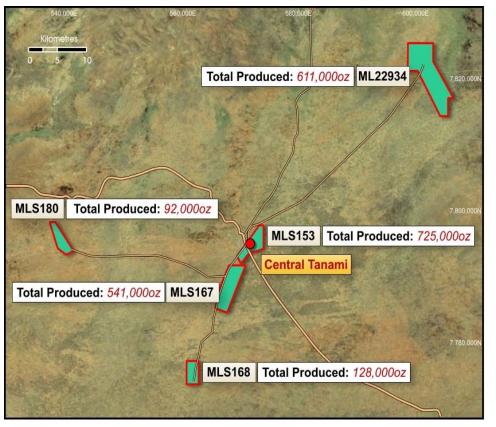


### **Central Tanami Project**

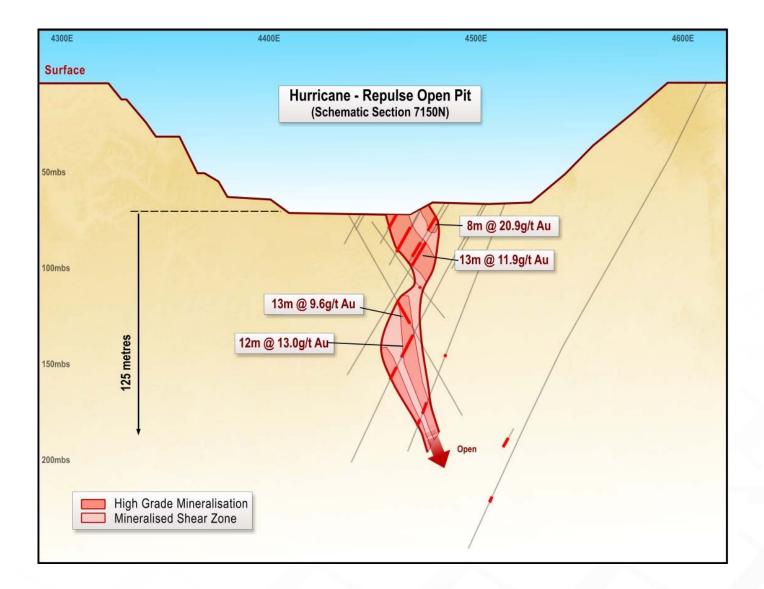
- Acquired from Newmont for \$22M
- Part of broader \$32.8M acquisition with ABM Resources
- Acquisition includes:
  - 516,000oz JORC Resource (2001)
  - 1.2Mtpa treatment plant and extensive infrastructure
  - ~ 2,000 km<sup>2</sup> exploration package
  - ~ 2.1Moz historic production endowment
- Aiming to recommence gold production within 24 months

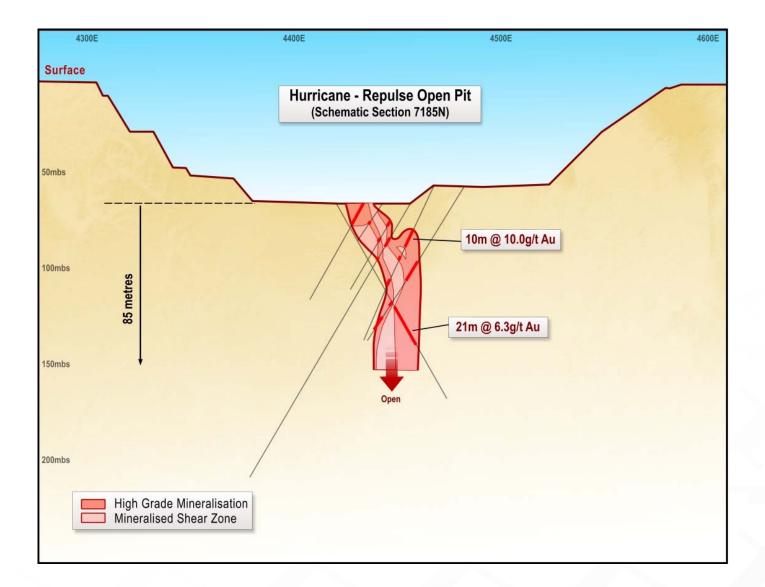


# Central Tanami Project

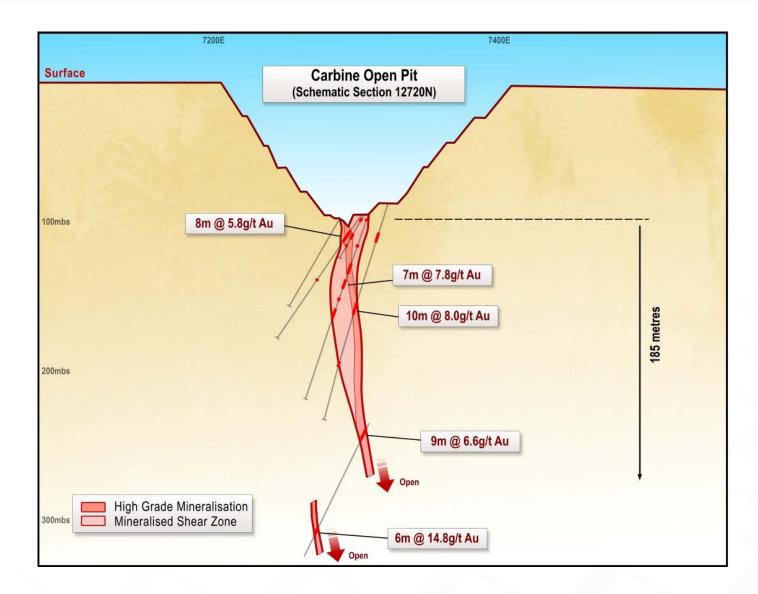


- 2.1Moz historic production endowment
- Located 130km west of world-class Callie-Granites production centre
- 21 Mineral Leases (125km<sup>2</sup>)
- 16 Exploration Licences (~2,000km<sup>2</sup>)
- 43 open pits (40 to 120m in depth)
- Substantial production from Groundrush (600,000ozs) and Hurricane-Repulse (250,000ozs)

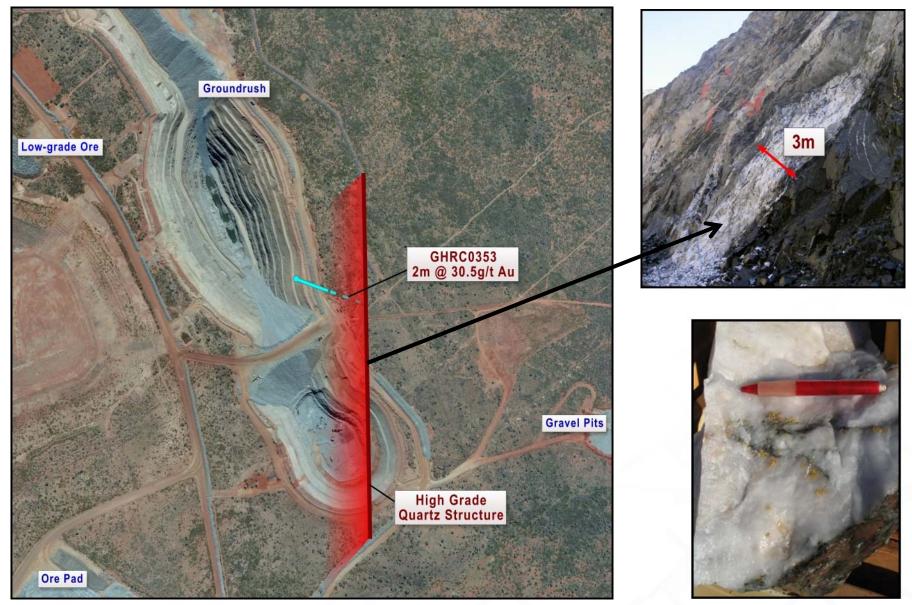








### **Groundrush Open Pit**



### Central Tanami Project – Resources

- 516,000oz JORC resources last estimated in 2001
- Resources being re-optimised at current gold price due mid-2010

	Meas	sured	Indica	ited	Inf	erred	Total		
Deposit	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Ounces
Dogbolter Area	366,000	3.8	151,000	3.5	6,000	2.4	523,000	3.7	62,000
Redback Area	615,000	3.4	578,000	5.4	110,000	5.8	1,303,000	4.5	188,000
Jims Area	Resoi	urce l	Jpgra	ade I	Due	Out S	hortl	<b>Y</b> 2.5	23,000
MLS119-133	198,000	2.2	212,000	2.4	13,000	2.4	423,000	2.3	31,000
MLS153	75,000	2.2	151,000	2.7	35,000	2.9	261,000	2.6	22,000
Molech	312,000	3.8	190,000	3.6	32,000	3.1	534,000	3.7	63,000
Crusade			1,020,000	2.7			1,020,000	2.7	89,000
LG Stockpiles	1,515,000	0.8					1,515,000	0.8	38,000
Total	3,323,000	2.2	2,319,000	3.5	219,000	4.3	5,861,000	2.7	516,000



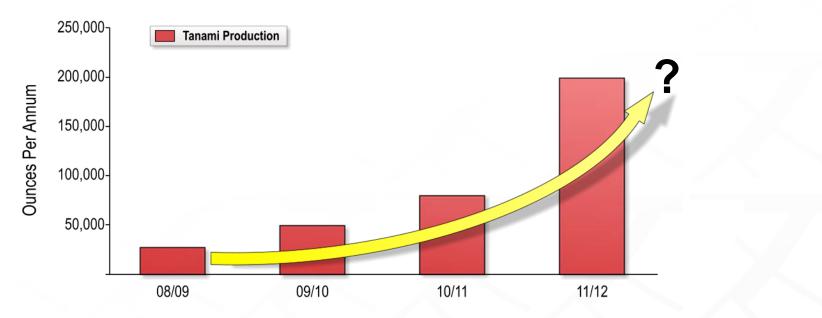
### **Central Tanami**

### **Proposed Development Schedule**

	2010										2011									1				
	Jan	Feb N	Mar	Apr	May J	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov D	ес
Formalise Transaction- Newmont Board Meeting																								
Evaluate Existing Deposits																								
Prioritise Drill Targets																								
Commence Drilling (Resource & Reserve Conversion)																								
Metallurgical Evaluation																								
Process Plant Flow Sheet																								
Permit and License Approvals																								
Implementation Plan																								
Refurbish Process Plant & Infrastructure																								
Commission Process Plant																								
Commence Pre-Strip																								
First Ore																								
First Gold																								

### Summary ... realising our potential

- Aiming to become a leading mid-tier gold producer and dominant player in Australia by:
  - Maintaining experienced and dedicated management team [runs on the board]
  - Growing gold production from Tanami Operations 50,000 to 200,000oz pa
  - Basis of production increase revised JORC Resource, strong focus on exploration
  - Combined treatment rate of + 2.0 Mtpa



### "Tanami Gold's tenements in the Tanami-Arunta Province in Western Australia and the Northern Territory, have the potential to host world class gold deposits comparable to Newmont's Callie-DBS deposits."

T. Campbell McCuaig (FSEG, MAusIMM, MAIG, MGSA, MSGA) Director and Professorial Fellow Centre for Exploration Targeting (M006) School of Earth and Environment The University of Western Australia,

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## Tanami Gold NL – Sandpiper

#### Sandpiper Diamond Drilling Hole Locations and Significant Intersections

Hole Number	Collar Easting	Collar Northing	Collar RL	Collar Dip	Collar Azimuth	Hole Depth	Depth From	Depth To	Width	Grade g/t			
SPDD1	485902	7834137	374	-60	180	207	112.5	115.3	2.8	2.4			
SPDDI	485902	/83413/	374	-60	180	207	119.9	121.9	2.0	2.2			
2002	PDD2 485874 7834155		374	-64	180	250	202	217.1	15.1	6.2			
SPDDZ			574	-04	180	250	220.9	222.7	1.8	2.3			
SPDD3	485686	7834189	375	-63	180	301	No significa	nt intersection	ons				
SPDD4	485686	7834164	375	-58	180	274	No significant intersections						
SPDD5	485804	7834227	376	-61	180	289	258.5	263.5	5.1	4.0			
SPDD6	485802	7834213	375	-56	180	300	230.0	234.0	4.1	2.1			
50007	SPDD7 485804	7024250	7834250	702/250	376	-64	180	376	317.0	319.2	2.2	5.0	
SPDD7		7834250	570	-04	100	370	326.0	328.5	2.5	3.8			
SPDD8	485874	7834139	374	-65	180	232	146.8	149.9	3.1	1.6			
0000	485874	7834158	275	-75	180	210	235.2	239.8	4.6	1.6			
SPDD9	485874	/834158	375	-75	100	310	275.2	281.0	5.8	4.7			
SPDD10	485903	7834144	374	-77	163	311	292.4	294.9	2.5	3.6			
3PDD10	465905	/054144	574	-//	105	511	297.1	298.4	1.3	11.8			
							176.5	182.6	6.1	8.7			
SPDD11	485875	7834156	375	-70	180	281	206.9	208.7	1.8	4.9			
							251.0	254.2	3.2	6.9			
SPDD12	485920	7834259	376	-60	180	385	345.2	350.2	5.0	7.3			
SPDD13	485920	7834297	376	-68	177	532	Assay results pending						
SPDD14	485970	7834211	376	-60	177	361	Assay results pending						

Notes -

Collar Northing, Easting and Azimuth are all in AMG Grid coordinates.

Some collar coordinates are as planned and may vary upon survey pickup.

Analyses by 50g fire assay with AAS finish. No cutting of grades has been applied.

Significant Intersections calculated at 1g/t lower cut off grade with maximum two metres internal dilution. Assays rounded to nearest 0.1g/t