TANAMI GOLD NL

ASX:TAM



29 November 2010

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

Tanami Gold NL Annual General Meeting

# Highlights for 2009-10 Year

- Achieved 48,000 ozs gold production for 2009-10
- Completed ABM transaction Dec 2009



- Completed Newmont Central Tanami Project acquisition March 2010
- Completed a successful \$63M entitlements issue and 1:30 capital consolidation
- Expanded exploration budget to \$15M
- 31% increase in Western Tanami Resource [Central Tanami Resource upgrade early 2011]
- Exploration & Reserve-Resource drilling highlight significant potential of the Tanami

# Corporate

Item	Value		1.20	(	STED ON				
Share Price	A\$0.84 cents <sup>1</sup>		1.00			-	$\sim$		
Shares Outstanding	260.9 million		0.80	$\int$					$\sim$
Market Capitalisation	A\$219 million	Chara Drice (A See)	0.60				- 05 <b>P</b>		
Cash and cash equivalents	A\$8.1 million <sup>2</sup>	Chara	0.40	1		53% Inc	reaso		
Debt	Nil		0.20					Closing	Price
Enterprise Value	A\$211million							- Closing	The
					Мај	or Shareh	olders (ap	oprox. %)	
					Maj	or Shareh Allied Pro			
					Maj	Allied Pro		esources	- 23.5%
					Maj	Allied Pro	pertied Re   Kai Inves	esources	- 23.5%
					Maj	Allied Pro Sun Hung Eurogold	pertied Re   Kai Inves	esources tments –	- 23.5% 10.7%

### Tanami Gold NL - Key Assets



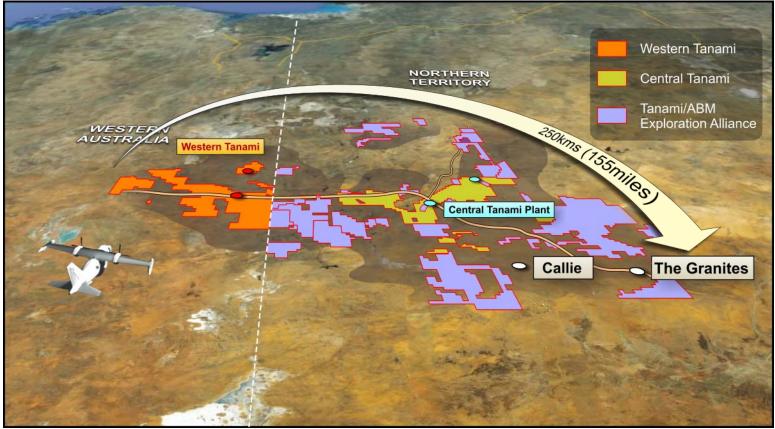
### Tanami Gold NL - Key Assets

- Western Tanami Operations
- Central Tanami Project

(100% owned)

(100% owned)

Strategic Shareholding in ABM Resources NL (21% and 25% fully diluted)



### Western Tanami Operations

#### Western Tanami Resources<sup>1</sup>

Coyote

880,000t @ 11.0g/t for 312,000ozs

Bald Hill

2,062,000t @ 3.4g/t for 228,000ozs

Other

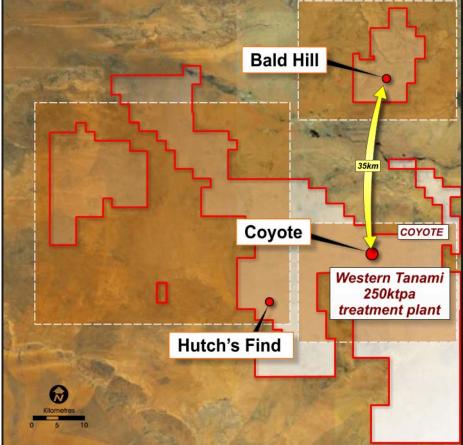
176,000t @ 2.4g/t for 13,700ozs

Total Resource at Western Tanami<sup>1</sup>

*3,119,000t @ 5.5g/t for 554,700ozs* 

- 65% in Measured and Indicated category
- 31% increase in Total Resources from June'09
- Discovery cost of A\$21/oz

Exploration – Multiple targets and new discoveries including Hutch's Find<sup>2</sup>



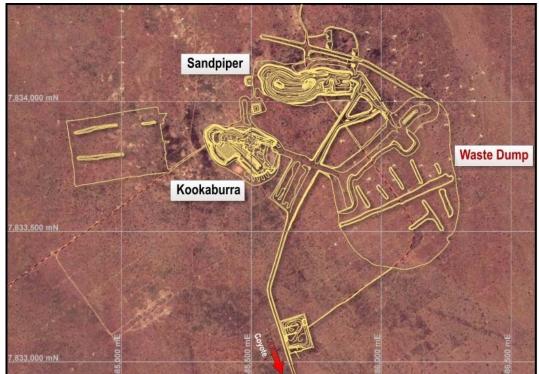
•Note 1 – Refer to Slides 30 and 35 for Resource categorisation •Note 2 – Refer to Slide 36 Hutch's Find recent drilling table

### Western Tanami – Coyote Operations



# Western Tanami - Bald Hill Operations

- 35km north of Western Tanami treatment plant
- Two open pits Sandpiper and Kookaburra
- Mining to recommence shortly
- Important Host rocks equivalent to Dead Bullock Formation
- Recent exploration success highlights underground potential

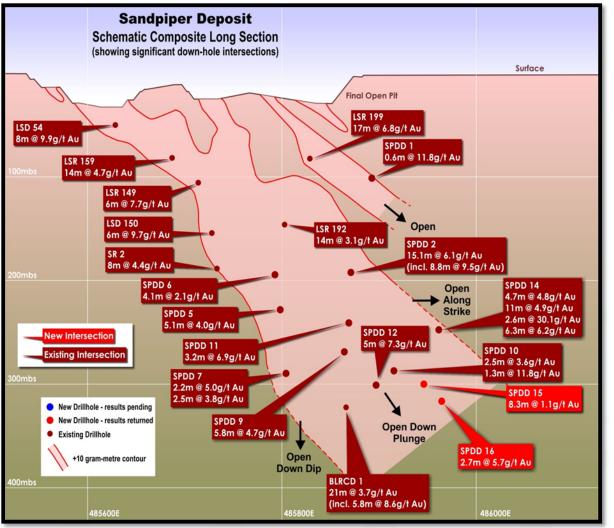


## **Bald Hill - Sandpiper Open Pit**

Recent drilling strengthens
 Resource potential below
 open pit:<sup>1</sup>

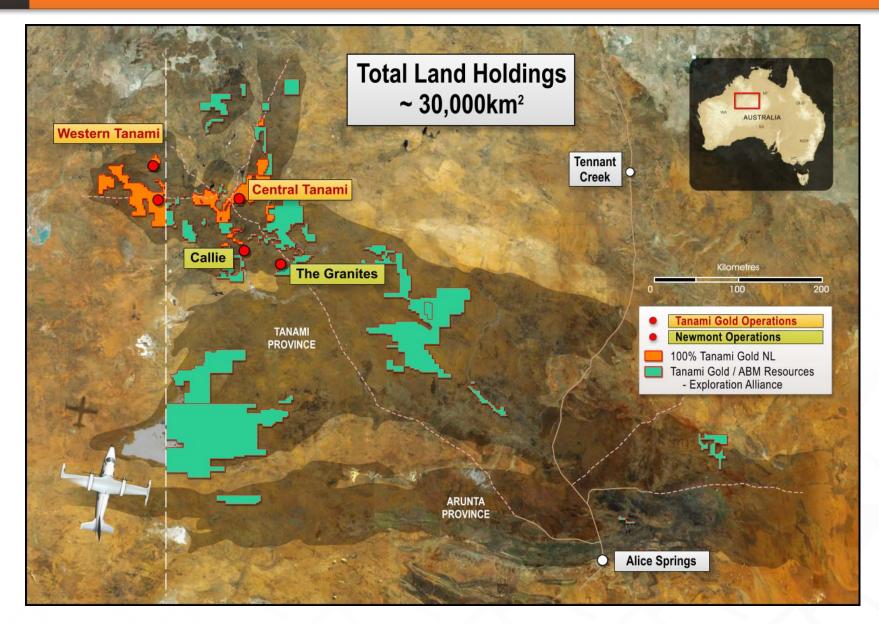
15.1m @ 6.1g/t Au incl 8.8m @ 9.5g/t 5.0m @ 7.3g/t Au 11.0m @ 4.9g/t Au incl 0.8m @ 34.2g/t 4.7m @ 4.8g/t Au 2.6m @ 30.1g/t Au incl 0.6m @ 118.1g/t 6.3m @ 6.2g/t Au Open down plunge......

- To-date only 350 metres below the surface
- Outstanding <u>underground</u> growth potential



Note 1 – Refer to Slides 30 and 35 for Resource categorisation

#### **Central Tanami Project**



# **Central Tanami Project**

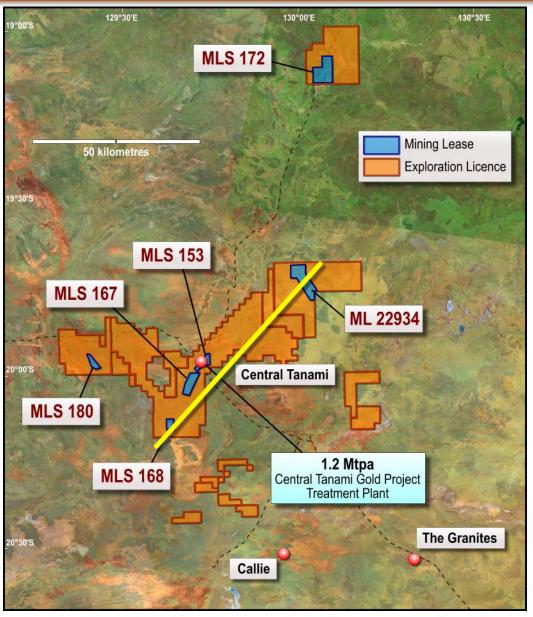
- Acquired from Newmont for \$22M
  - Purchase price \$21/oz <u>no value</u> assigned to treatment plant / infrastructure / exploration
- Acquisition includes:
  - 1.1M ozs JORC Resource (2010)<sup>1</sup>
  - 1.2Mtpa treatment plant and extensive infrastructure
  - ~ 2,000 km<sup>2</sup> exploration package
  - ~ 2.1Moz historic production endowment



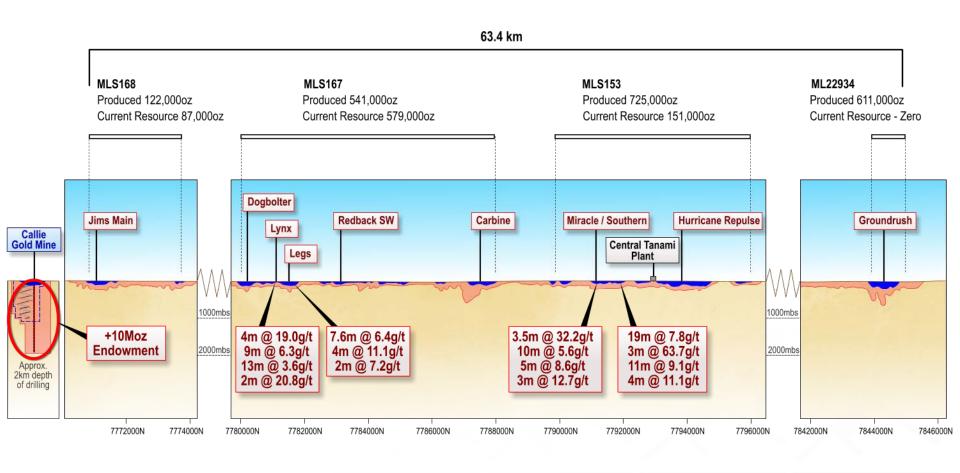
•Note 1 – Refer to Slide 30 and 34 for Resource categorisation

#### TANAMI GOLD NL

#### **Central Tanami Tenement Plan**



### **Central Tanami Schematic Long Section**

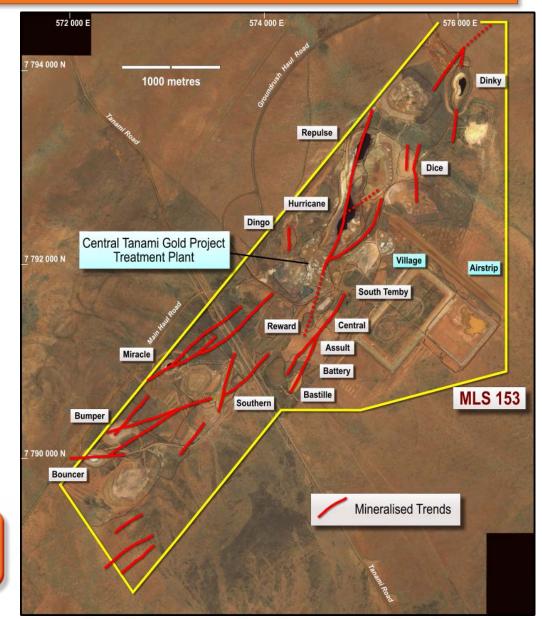


Existing Open Pit Mines	
Depth of Drilling	
Favourable Mt Charles/Dead Bullock Formation Host Rocks	

## **Tenement MLS153**

- Historic mining 15 open pits
- 1.2 Mtpa treatment plant
- 120 person accommodation village
- Office, workshop and airstrip
- Open pit and underground potential
- No mining since 1994

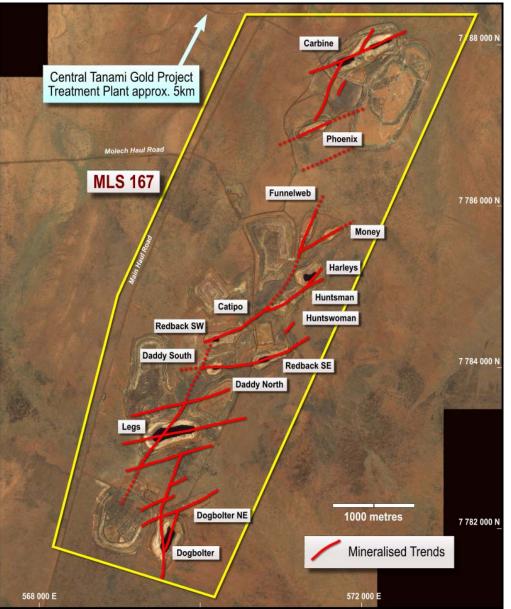
Approximately <u>15 kilometres</u> of mineralised structures



# **Tenement MLS167**

- Historic mining 14 open pits
- Open pit and underground potential
- Current focus Reserve and Resource definition drilling
- No mining since 2001

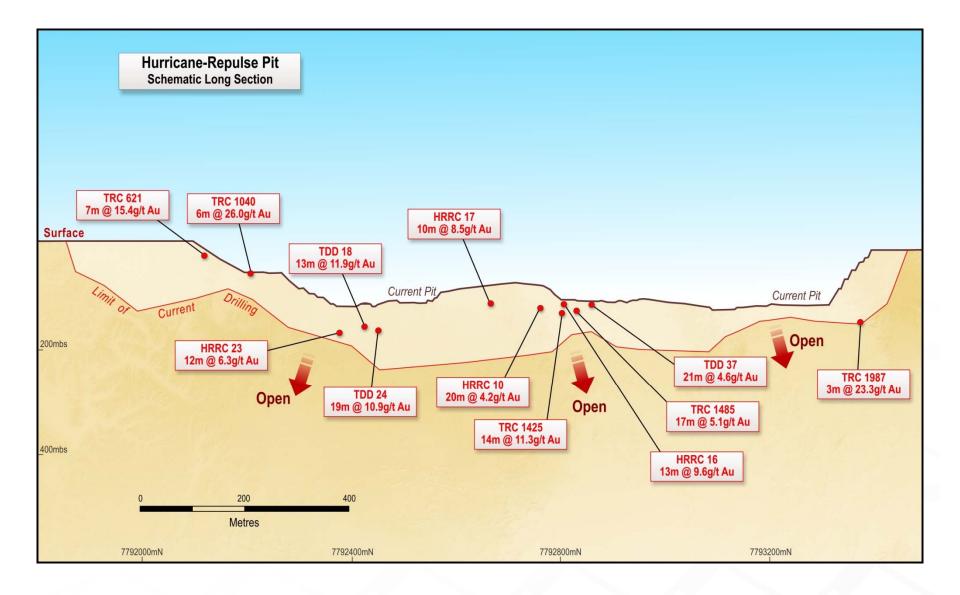
Approximately <u>20 kilometres</u> of mineralised structures



#### Hurricane-Repulse Open Pit



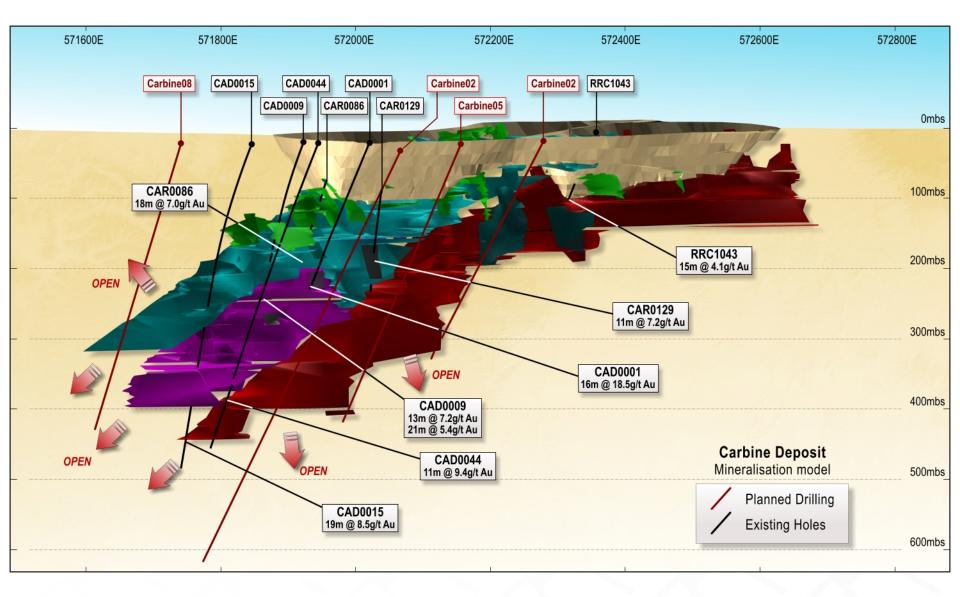
#### Schematic Long Section – Hurricane Repulse Open Pit





# **Carbine Open Pit**

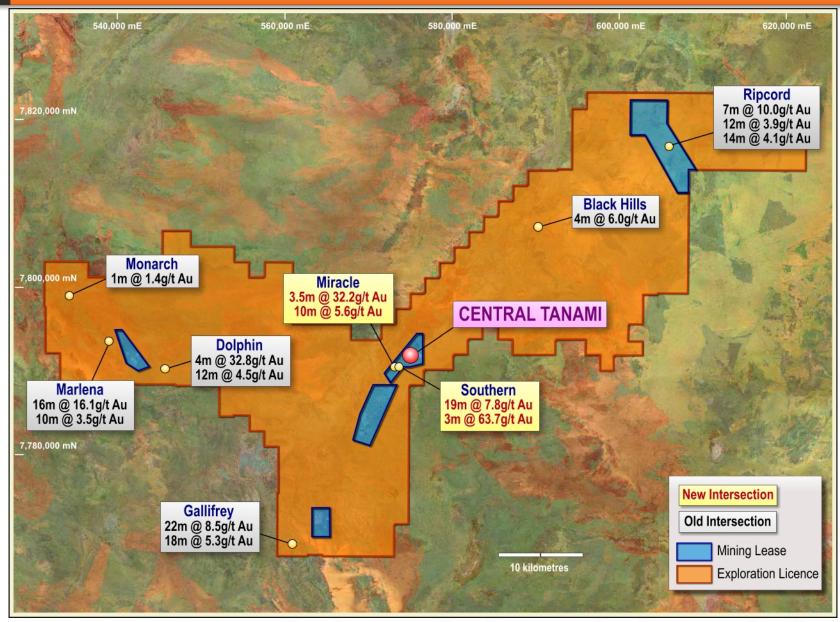


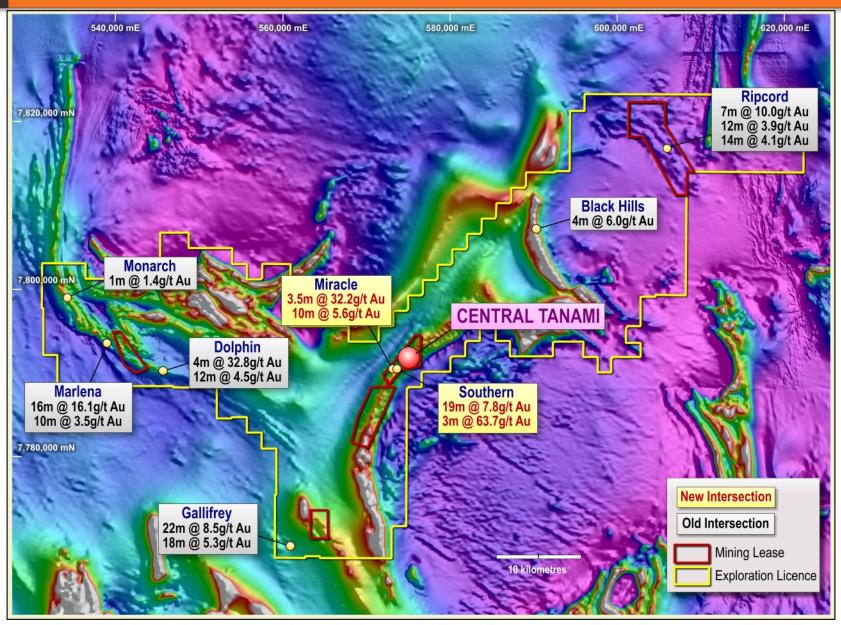


# EXPLORATION

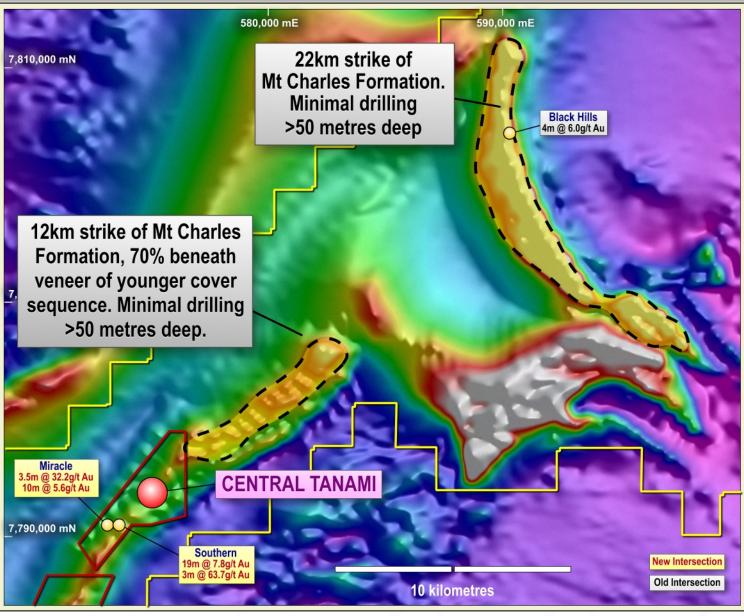
#### "The exploration potential of the Tanami region"

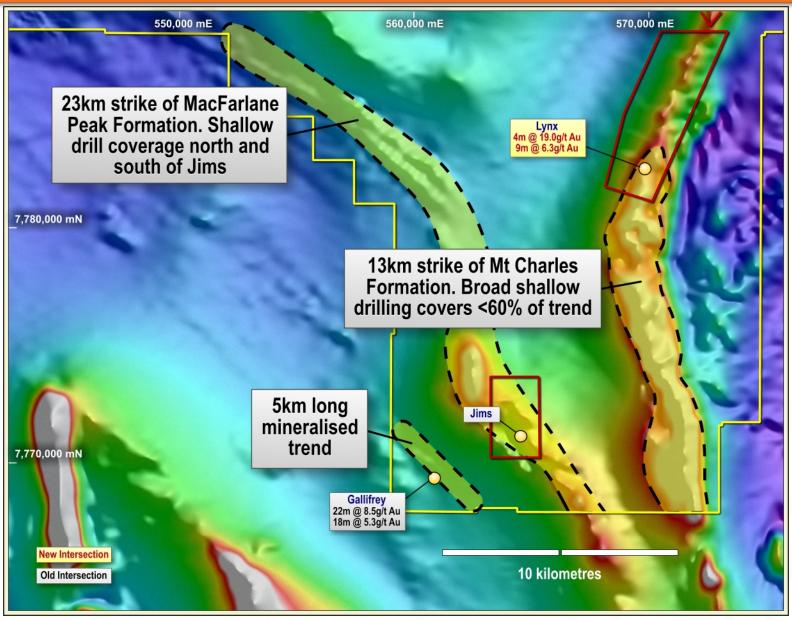
Production – Performance – Potential – Profit





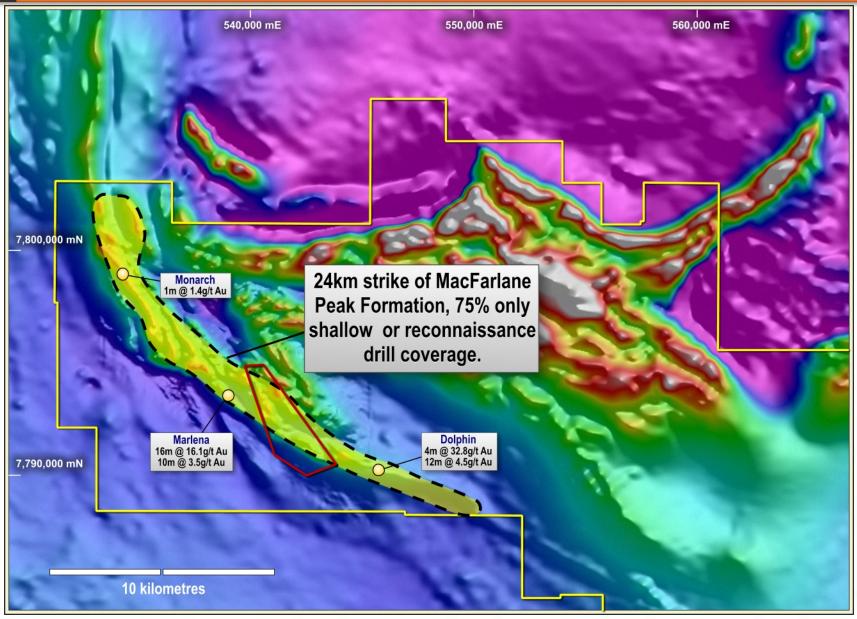




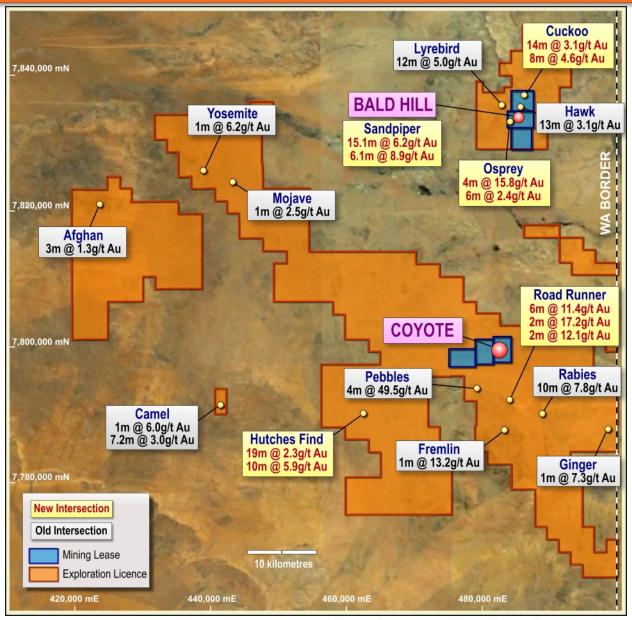


# TANAMI

### **Central Tanami Exploration Potential**

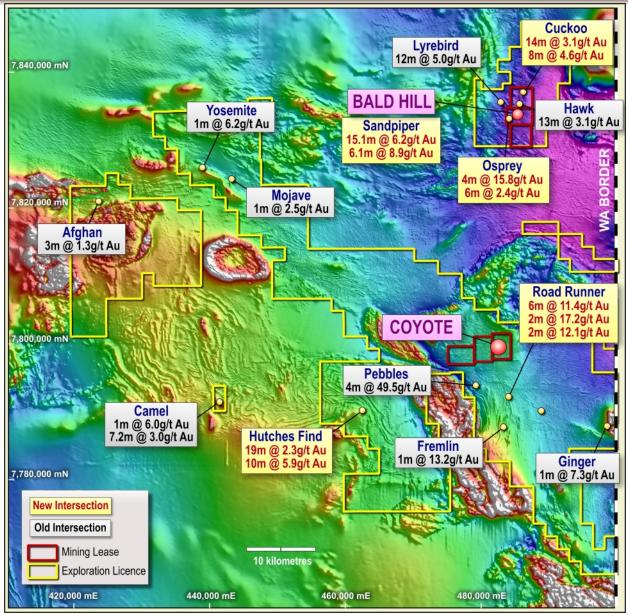


### TANAMI

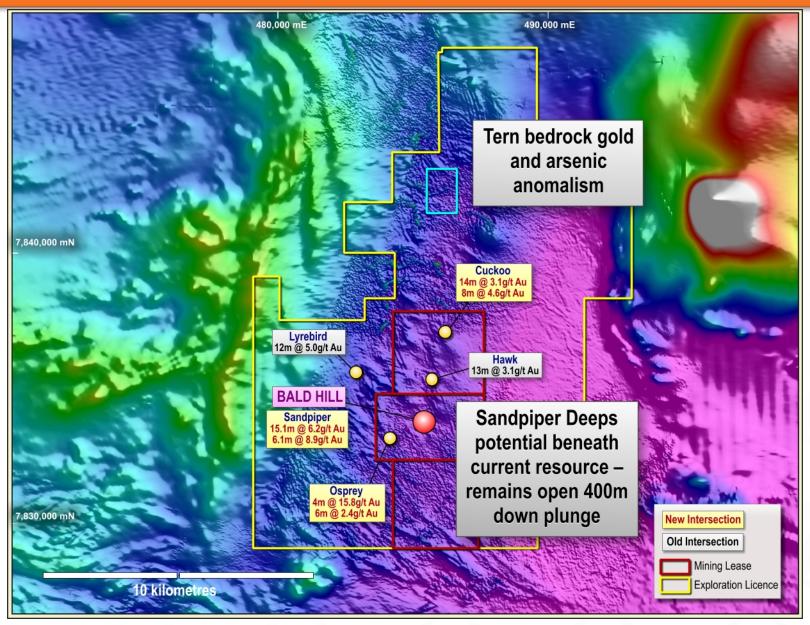


*The Tanami Trio – Immediate cash flow, substantial production growth, outstanding exploration potential* 

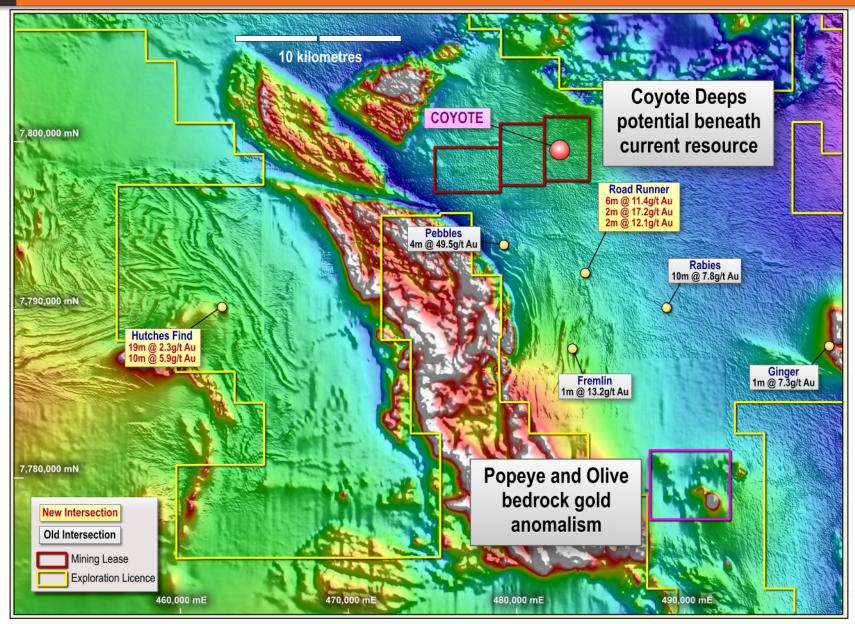
### TANAMI



*The Tanami Trio* – *Immediate cash flow, substantial production growth, outstanding exploration potential* 



*The Tanami Trio* – *Immediate cash flow, substantial production growth, outstanding exploration potential* 



The Tanami Trio – Immediate cash flow, substantial production growth, outstanding exploration potential

#### Total Western and Central Tanami Mineral Resources

	Meas	sured	Indica	ated	Infe	rred	Total		
Deposit	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Ounces
MLS153	578,000	2.3	744,000	2.2	441,000	3.9	1,763,000	2.7	151,000
MLS167	2,369,000	3.2	2,004,000	4.0	640,000	3.7	5,013,000	3.6	579,000
MLS168	707,000	2.3	63,000	2.1	509,000	1.9	1,279,000	2.1	87,000
MLS180	438,000	3.6	544,000	3.0	59,000	3.0	1,041,000	3.3	109,000
MLSA172	1,026,000	2.7	112,000	1.9	44,000	5.0	1,181,000	2.7	103,000
Stockpiles	1,400,000	0.7					1,400,000	0.7	31,000
Total CTP	6,518,000	2.5	3,467,000	3.3	1,692,000	3.2	11,677,000	2.8	1,061,000
M80/559 Coyote	78,000	25.6	473,000	11.5	329,000	7.0	880,000	11.0	312,000
M80/563 Bald Hill	82,000	3.0	1,005,000	3.2	975,000	3.6	2,062,000	3.4	228,000
E80/1679					76,000	2.5	76,000	2.5	6,000
Stockpiles	100,000	2.4					100,000	2.4	7,700
Total WTP	260,000	9.5	1,479,000	5.9	1,380,000	4.4	3,119,000	5.5	554,700
Total	6,778,000	2.9	4,946,000	4.1	3,072,000	3.7	14,795,000	3.4	1,614,700



#### Summary

- It's been an extremely busy, yet a very productive year for the Company.
- We are well positioned to attract new investors with our consolidated capital structure.
- We have acquired a company changing asset in the Central Tanami Project.
- We have a total Resource 1.6Moz<sup>1</sup> that we believe will grow very quickly and cheaply
- We have over 5,000 km<sup>2</sup> of highly prospective exploration tenements that has the potential to host very large ore bodies of +5Mozs

And importantly, "we have the TEAM to make it happen"!

**Objective next 3-9 months** *"Continue Reserve-Resource definition drilling and finalise Central Feasibility Study".* 

# TANAMI GOLD NL

**ASX:TAM** 



November 2010

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

#### **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 pertaining to Exploration Results and Mineral Resources is based on information compiled and reviewed by Mr Robert Henderson, a full time employee and Geology Manager of Tanami Gold NL. Mr Henderson is a member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists and 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 this report of the matters based on his information in the form and context in which they appear.

#### **Central Tanami Resources as at May 2010**

	Meas	sured	Indica	ated	Inf	erred	Total		
Deposit	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Tonnes	Grade (g/t)	Ounces
MLS153	578,000	2.3	744,000	2.2	441,000	3.9	1,763,000	2.7	151,000
MLS167	2,369,000	3.2	2,004,000	4.0	640,000	3.7	5,013,000	3.6	579,000
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MLSA172	1,026,000	2.7	112,000	1.9	44,000	5.0	1,181,000	2.7	103,000
Stockpiles	1,400,000	0.7					1,400,000	0.7	31,000
Total	6,518,000	2.5	3,467,000	3.3	1,692,000	3.2	11,677,000	2.8	1,061,000

Notes to accompany Table - Central Tanami Resources as at May 2010.

•Resource estimation completed using MineMap software comprising an ellipsoidal inverse distance grade interpolation method.

•Grade estimation was constrained to material within >0.5g/t mineralisation outlines.

•Gold assay top cut of 30g/t used for MLS167 and 20g/t used for the remainder, based on geostatistical parameters and historical production reconciliation.

•Resources reported above 0.7g/t block model grade constrained within pit shells optimised at A\$1350 per ounce gold price.

•Resources reported above 2.5g/t block grade for mineralisation at the Carbine deposit, within MLS167, occurring below the southern plunge extent of the optimal pit shells.

•Stockpile figures from previously reported Otter Gold Mines NL 2001 Mineral Resource estimate less recorded treatment by Newmont Asia Pacific.

•Tonnes and ounces rounded to the nearest thousand and grade rounded to 0.1g/t. Rounding may affect tallies.

The information in this report pertaining to Mineral Resources for the Central Tanami Project was compiled by Mr Bill Makar (MAusIMM), former Chief Mine Geologist for Otter Gold Mines Limited Tanami Mine Joint Venture. Mr Makar 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 Makar has provided written consent to Tanami Gold NL for the inclusion in the report of the matters based on his information in the form and context in which they appear.

### Western Tanami Resources as at June 2010

Denesit		Measured			Indicated			Inferred		Total		
Deposit	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces
Coyote	78,000	25.6	64,000	473,000	11.5	174,000	329,000	7.0	74,000	880,000	11.0	312,000
*Sandpiper	27,000	3.3	3,000	466,000	4.0	61,000	633,000	4.4	90,000	1,126,000	4.2	153,000
*Kookaburra	55,000	2.8	5,000	539,000	2.6	46,000	342,000	2.2	24,000	936,000	2.5	75,000
*Bald Hill Sub Total	82,000	3.0	8,000	1,005,000	3.2	107,000	975,000	3.6	114,000	2,062,000	3.4	228,000
Pebbles	-	-	-	-	-	-	76,000	2.5	6,000	76,000	2.5	6,000
Stockpiles	100,000	2.4	7,700	-	-	-	-	-	-	100,000	2.4	7,700
Total	260,000	9.5	79,700	1,479,000	5.9	281,000	1,380,000	4.4	194,000	3,119,000	5.5	554,700

Notes to accompany Table - Western Tanami Resources as at June 2010

•The Mineral Resource Estimate is reported at a 1g/t Au lower cut-off.

•Tonnes are rounded to the nearest thousand and grade to 0.1g/t. Rounding may affect tallies.

•Deposit ounces rounded to nearest thousand. Stockpile ounces rounded to nearest hundred.

•Resource estimation of Coyote and Sandpiper deposits was completed by Mr Steven Nicholls, a full time employee of Tanami Gold NL.

•The Kookaburra Resource estimation was conducted by Mr Peter Ball of Datageo Geological Consultants.

•The Pebbles Resource estimate was completed in 2007 by Mr Malcolm Titley of CSA Australia Pty Ltd.

•Mr Nicholls (MAIG), Mr Ball (MAusIMM) and Mr Titley (MAusIMM, MAIG) qualify as Competent Persons as defined by the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and have given permission for the inclusion in this report of the matters based on their information in the form and context in which it appears.
 •The Resource estimations were completed using Micromine, Surpac and Datamine software, comprising an inverse distance grade interpolation within block model constrained by 3D wireframed geological boundaries. The wireframes defining the mineralisation were based on structural, assay and lithological information. Various top cuts have been applied to the drill hole samples based on lode domain analysis, with the exception of Kookaburra where the effect of top cutting was deemed immaterial. Where top cuts were applied they ranged from 35g/t for Sandpiper to 120g/t for Coyote. The search constraints applied to

the grade estimation were controlled by the orientation of the lodes and the known dip and plunge of the mineralisation within the lodes based on geological knowledge and mining experience.

•The Resource estimations used bulk density measurements conducted on a deposit scale and broken down by regolith profile. As such the density measurements applied were based on test work applicable to the deposit of interest. These ranged from 2.00 t/m<sup>3</sup> (base of transported) to 2.72t/m<sup>3</sup> (Fresh rock).

•The Resource has been depleted for mining undertaken at the Coyote, Sandpiper and Kookaburra mines during the period 1 July 2009 to 30 June 2010.

•The Measured Resource at Coyote has been based on the high level of confidence of the location and grade of mineralisation between the current underground development drives. The development drives have typically six metres separation. The Sandpiper and Kookaburra Measured Resource has been based on a 10 metre distance below the current pit floor, which is supported by a combination of mining at the base of the pits, and five metre deep grade control drilling below the floor of the pit.

#### Western Tanami Project - Hutch's Find significant intersections from recent drilling

						Hole	Significant Intersections			
Hole Number	Collar Easting	Collar Northing	Collar RL	Collar Dip	Collar Azimuth	Depth (m)	Interval	Length (m)	Grade (g/t)	
							98m to 117m	19	2.3	
HFRC1	463560	7790150	410	-60	180	133	123m to 133m (eoh)	10	5.4	
							Inc 123m to 128m	5	9.6	

#### Notes

•Collar Northing, Easting and Azimuth are all in AMG Grid coordinates. Collar positions may vary slightly upon final survey location. •Analyses by 50g fire assay with AAS finish.

•No cutting of grades has been applied. Assays are rounded to nearest 0.1g/t.

•Intervals reported are greater than 1g/t with maximum 2 metres internal dilution.

•Interval length is down hole length.

#### Central Tanami Project – Southern significant intersections from recent drilling

							Significant Intersections		
Hole Number	Collar Easting	Collar Northing	Collar RL	Collar Dip	Collar Azimuth	Hole Depth (m)	Interval	Length (m)	Grade (g/t)
SODD2	573834.3	7791034.9	425.0	-60	310	90	47m to 51m	4.0	7.8
SODD4	573850.3	7790905.9	425.5	-60	310	216.7	23m to 34m	11.0	9.1
SODD8	573551.1	7790759.5	426.6	-60	310	79	72m to 74m	2.0	5.9
SORC1	573558.1	7790730.7	427.2	-90	0	200	107m to 109m	2.0	5.7
CODC3	572850.2	7701001 5	427.2	-60	210	154	92m to 96m	4.0	6.4
SORC3	573850.3	7791081.5	427.2	-60	310	154	132m to 133m	1.0	17.6
SORC5	573877.3	7790984.1	424.5	-60	310	190	111m to 130m	19.0	7.8
SORC7	573812.4	7790959.6	425.0	-60	310	178	175m to 178m	3.0	15.1
SORC8	573796.2	7790952.2	425.5	-60	310	178	41m to 45m	4.0	11.1
JURCO	575790.2	7790952.2	425.5	-00	510	1/8	109m to 112m	3.0	63.7
SORC15	573764.9	7790713.9	425.6	-60	310	154	107m to 111m	4.0	4.2

#### Notes

•Collar Northing, Easting and Azimuth are all in MGA Grid coordinates. Some collar positions may vary slightly upon final survey location. •Analyses by 50g fire assay with AAS finish.

•No cutting of grades has been applied. Assays are rounded to nearest 0.1g/t.

•Significant intersections are greater than 1g/t with maximum 2 metres internal dilution.

•Intervals are all down hole length.

### Central Tanami Project – Miracle, Legs & Lynx

#### Central Tanami Project – Miracle, Legs and Lynx significant intersections from recent drilling

							Hole	Significant I	ntersection	IS
Prospect	Hole Number	Collar Easting	Collar Northing	Collar RL	Collar Dip	Collar Azimuth	Depth (m)	Interval	Length (m)	Grade (g/t)
Miracle	TODD7	573066.3	7791030.6	431.9	-60	342.5	175.4	20m to 22m	2.0	5.7
Miracle	TODD9	573303.2	7791091.6	430.3	-75	342.5	166	92.8m to 98.2m	5.4	2.7
Miracle	TODD10	573120.9	7791012.0	427.0	-60	342.5	165.6	156.9m to 160.4m	3.5	32.2
Miracle	TORC9	573510.6	7791200.8	427.3	-60	313.5	160	39m to 42m	3.0	3.4
Miracle	TORC11	573590.1	7791277.7	427.1	-60	313.5	142	40m to 41m	1.0	16.6
Miracle	TORC32	573362.2	7791110.3	428.9	-60	342.5	148	87m to 92m	5.0	2.6
Miracle	TORC37	573342.9	7791102.0	427.0	-60	342.5	178	81m to 90m	9.0	3.8
Miracle	TORC39	573381.3	7791101.0	428.3	-60	342.5	148	105m to 115m	10.0	5.6
Miracle	TORC40	573297.2	7791108.0	427.0	-60	342.5	160	44m to 49m	5.0	2.1
Miracle	TORC44	573270.7	7791007.3	428.6	-60	342.5	154	123m to 127m	4.0	2.3
Miracle	TORC57	573133.7	7791026.0	430.8	-60	339.0	161	134m to 149m	15.0	3.1
Miracle	TORC62	573089.1	7791032.9	431.3	-60	339.0	154	112m to 115m	3.0	12.7
Miracle	TORC65	573065.2	7791049.2	431.8	-60	339.0	154	40m to 45m	5.0	8.6
Miracle	TORC67	573039.3	7791048.6	432.4	-60	339.0	154	50m to 58m	8.0	2.5
Legs	LERC2	569599	7783098	401	-60	335	226	165m to 169m	4	11.1
								197m to 198m	1	10.4
Legs	LERC5	569538	7783132	401	-55	335	214	177m to 179m	2	7.2
Legs	LEDD2	569617	7783108	401	-60	335	290	256.9m to 264.5m	7.6	6.4
Lynx	LXRC8	569683	7782969	401	-60	335	96	62m to 75m	13	3.6
								Inc 72m to 74m	2	13.4
Lynx	LXRC16	569562	7782984	401	-60	335	75	39m to 48m	9	6.3
Lynx	LXRC17	569645	7782951	401	-60	335	118	78m to 82m	4	18.9
								Inc 78m to 80m	2	34.0
Lynx	LXRC60	569524	7782974	401	-60	335	84	35m to 37m	2	20.8

#### Notes

•Collar Northing, Easting and Azimuth are all in MGA Grid coordinates. Some collar positions may vary slightly upon final survey location.

•Analyses by 50g fire assay with AAS finish.

•No cutting of grades has been applied. Assays are rounded to nearest 0.1g/t.

•Significant intersections are greater than 1g/t with maximum 2 metres internal dilution.

•Intervals are all down hole length.