

COMPANY ENQUIRIES

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# 100,000 OUNCES @ 25.2g/t Au MAIDEN RESOURCE FOR THE KAVANAGH MINERALISATION AT THE COYOTE GOLD PROJECT UPDATE ON COYOTE MINE AND CORPORATE DEVELOPMENTS

#### **HIGHLIGHTS**

- Maiden Kavanagh Resource of 100,000 ounces @ 25.2g/t Au
- Further high grade mineralisation intercepted including:
  - 1.3m @ 53.6g/t Au
  - 0.3m @ 151.4g/t Au
  - 1.0m @ 27.1g/t Au
- Mineralisation remains open
- Drilling continuing with 3 diamond rigs

Note: Details of all holes drilled are shown at the end of this report.

Australian gold producer Tanami Gold NL (ASX: TAM – 'Tanami' or 'the Company') is pleased to announce a Maiden Resource of 100,000 ounces for the Kavanagh mineralisation at its operating Coyote Gold Mine in Western Australia.

Acting CEO, Peter Cordin said, "This Maiden Resource is pleasing as it demonstrates the potential for the Kavanagh system to deliver significant Resource ounces at good grade. The Kavanagh mineralisation is open in multiple directions and therefore the potential to grow the Resource remains strong."

"Importantly, the Kavanagh Resource has a strike length of 300 metres with a total defined strike length for the Kavanagh Target Area of over 600 metres. The depth of the system is yet to be defined. The original exploration target (as announced previously) remains valid and the Company continues to drill for additional ounces. Outside of the exploration effort, a project team is assessing the technical and financial aspects of any future mining event which will be reviewed by the Board when complete."

#### **Kavanagh Mineralisation**

Following a successful drilling campaign over the last several months a Maiden Resource Estimate has been carried out at Kavanagh with 122,000 tonnes at a grade of 25.2g/t Au for 100,000 ounces. Mineralisation has been defined within two main lodes to date, the K1 and K2 lodes which are folded over an east-west striking regional anticline (Figure 1). These lodes have been defined over a strike of 300 metres and height of 100 metres to date and remain open in multiple directions.

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9 April 2013

The mineralisation is characterised as a combination of narrow single high grade vein and wider vein arrays that range from 0.1 metres to 2.5 metres wide (mineralised zones averaging 0.9 metres wide). Over 75% of the Resource is contained within the southern limb of the anticline. This is due to the limited holes drilled into the northern limb to date and is not an indication that the northern limb is less prospective. The lack of drilling on the northern limb is due to its shallow plunge to the north and as such it is not easily targeted from current underground positions.

**Table 1: Kavanagh Resource Statement** 

Classification	Townson	Grade	Ounces	
Classification	Tonnes	(g/t Au)		
Inferred	122,000	25.2	100,000	

#### Notes to accompany Table 1

- 1. Tonnes and ounces of gold are rounded to significant figures and grade is rounded to the nearest 0.1g/t Au. Rounding may affect tallies.
- 2. Resources reported above 3.0g/t Au block model grade.
- 3. A top-cut of 150 gram per metre was applied during the modelling process.
- 4. 5. Grade was estimated using Inverse Distance Squared (ID2) technique

Figure 1: Coyote Schematic Cross Section Schematic Geology Surface **Cross Section** Open Cut 100mbs 100mbs Gonzales Speedy Marker Silt Unit 200mbs K1 Lode 62,000t @27.1g/t Au for 55,000 ounces K2 Lode 60,000t @23.1g/t Au for 45,000 ounces 300mbs 300mbs Marker Silt Unit Kavanagh Lodes 400mb 200 Metres 50100N 50300N

Drilling has continued to return significant mineralisation in both the Kavanagh Horizon as well as the Speedy Horizon approximately half way between the current Coyote Mine and Kavanagh (refer Figure 1). This is of particular significance as any potential ounces defined within this horizon will be readily accessible by any access between Coyote and Kavanagh.

The following results have been received:

- CYDD215 with 1.3m @ 53.6g/t Au from 451.3m
- CYUG645 with 0.3m @ 151.4g/t Au from 233.3m
- CYUG1021 with 1.0m @ 27.1g/t Au from 79m

Kavanagh K3 Lode - New mineralised lode Kavanagh K2 Lode Speedy Lode

9 April 2013

Kavanagh is situated approximately 150 metres north and east of the main Coyote Gold Mine (See Figure 2) and is interpreted to be a folded repeat of the geological sequence (or similar) that hosts the Coyote Gold Mine.

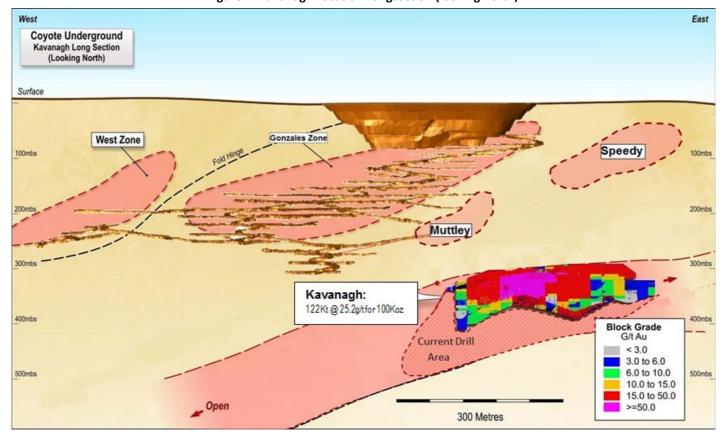


Figure 2- Kavanagh Location Longsection (looking north)

Previously announced significant results included in the Resource Estimate:

•	CYUG362	-	2.4m @ 216.9g/t Au	Reported 22 March 2013
•	CYUG373	-	1.8m @ 124.0g/t Au	Reported 22 March 2013
•	CYUG646	-	0.3m @ 178.0g/t Au	Reported 22 March 2013
•	CYUG645	-	2.5m @ 45.5 g/t Au including 0.5m @ 184.5g/t Au	Reported 11 March 2013
•	CYUG359	-	0.8m @ 154.9 g/t Au	Reported 19 February 2013
•	CYDD211B	-	6.1m @ 87.4g/t Au including 2.5m @ 175.1g/t Au	Reported 17 January 2013
•	CYDD211B	-	0.3m @ 367.6g/t Au	Reported 17 January 2013
•	CYDD208	-	2.0m @ 81.7g/t Au	Reported 17 January 2013
•	CYDD206	-	2.2m @ 22.7g/t Au	Reported 3 December 2012

#### Coyote - Muttley Lode

The operations at the Coyote Mine are focussed on the Muttley Lode which is planned to be largely mined out by the end of June 2013. The Board will need to be satisfied that the technical and financial evaluation for the Kavanagh Resource justifies its capital development before any deployment of capital occurs.

#### Corporate

The Company has entered into initial discussions with other companies regarding the possibility of joint ventures or possible corporate arrangements. Although normal confidentiality agreements have been executed, no firm indications of any possible arrangements have yet emerged and may not eventuate.

# Peter Cordin Acting Chief Executive Officer

9 April 2013

#### Competent Person's Statement

The information in this report that relates to Mineral Resource Estimation, Geological Data and Exploration Results is based on information compiled by Mr Michael Thomson, a full time employee and Principal Geologist of Tanami Gold NL. Mr Thomson is a member of the Australasian Institute of Mining and Metallurgy 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 Thomson consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.

This announcement contains certain statements which constitute "forward looking statements". Such statements are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward-looking statement. No representation or warranty, expressed or implied, is made by Tanami Gold NL that material contained in this announcement will be achieved or proved correct.

Table 2: Significant Results from Kavanagh Drilling Program

Target	Hole ID	Collar Easting	Collar Northing	Collar RL	Collar Dip	Collar Azimuth	Max Depth	Metres From	Metres To	Interval Width	Grade	Gram Metre
Kavanagh	CYUG356	482127	7799758	3099	-39	13	231	166.1	167.4	1.3	38.4	50
Kavanagh			7799667	3392	-50.5			297.4	298.1	0.7	21.2	15
		482601				360	475	377.9	380.1	2.2	22.7	49
	CYDD206							403	407.2	4.2	9.8	41
								Inc 405.7	407.2	1.5	23.7	36
								411	413	2	5.6	11
								426	426.3	0.3	10.9	3
								438.9	439.9	1	4	4
								467.3	467.6	0.3	1.8	1
Kavanagh	CYDD208	482467	7799501	3392	-58	360	568	516	518	2	81.7	164
								403.3	409.4	6.1	87.4	533
							538	inc 403.3	405.8	2.5	175.1	438
								inc 406.8	409.4	2.6	36.6	95
Kavanagh	CYDD211B	482469	7800017	3392	-51	176		415.3	418.3	3	3.9	12
								423.5	423.8	0.3	367.6	117
								443.5	444	0.5	16.5	8
Kavanagh	CYDD211C	482603	7800180	3411	-50	164	514	415	418	3	15.4	46
	CYUG359	482363	7799751	3164	-22.5	43.5	300	217.6	218.6	1	33.1	33
Kavanagh								249.3	252.8	3.5	6.4	22
								277.5	278.3	0.8	154.9	124
Kavanagh	CYUG1016	482392	7799738	3263	-57	45	378	248.2	248.7	0.5	27.6	14
								263.5	268.3	4.8	6.8	32.6*
	CYUG0646	482358	7799577		-45	25.5	323.9	271	271.4	0.3	178	53
Kavanagh				212				275	275.5	0.5	33.6	17
Kavanagh	CYUG373	482299	7799552	166	-30	16	239	197.9	199.7	1.8	124	223
Kavanagh	CYUG362	482258	7799572	263	-52	3	321	208 247	208.5 249.5	0.5 2.4	26.5 216.9	13 521
Kavanagn	CYUG0645	482238	7799743	3212	32	3	321	244	248.2	2.5	45.5	114
Kavanagh					-40	25	300	inc 244	244.5	0.5	184.5	92
								233.3	233.6	0.3	151.4	45
Speedy Horizon	CYUG1021	74839	50125	3263	-50	347	252	146.4	147.14	0.74	13.2	10
Speedy Horizon	CYUG1020	74839	50125	3263	-58	22.4	288	79	80	1	27.1	27
Kavanagh	CYDD214	4 75040	50567	3413	-54	183	502	433.5	434.1	0.69	28.5	20
Kavanagh	CYDD215	74929	50567	3412	-56	168	520	424 451.1	424.4 452.4	0.4 1.3	17.1 53.6	7 70

#### Notes to accompany Table 2

- 1. Collar Northing, Easting and Azimuth are all in MGA Grid coordinates. Collar RL is relative to AHD. Collar coordinates may vary upon final survey.
- 2. Analyses by 50g fire assay with AAS finish of half diamond core samples.
- 3. No cutting of grades has been applied. Assays are rounded to nearest 0.1g/t.
- Significant intersections are greater than 1.0g/t with maximum 2 metres internal dilution.
- Intervals are all down hole length.
- 5. Shaded intervals have been previously reported