

## WANDEAN GOLD ANOMALY TAKES SHAPE

- Infill soil sampling has refined the shape of the gold-arsenic-antimony mineralisation trend.
- The peak infill soil result was 239 ppb gold, 13,607 ppb arsenic and 946 ppb antimony for an overall 31.7 anomaly factor. This is the best soil result ever achieved by the Company in the Nagambie region.
- The number and location of angled holes for the next RC drilling program at Wandean are now being finalised.
- A single soil sampling line from the Wandean anomaly southwards has picked up a new soil anomaly 2.2 km to the south of Wandean. The Wandean South soil anomaly possibly indicates an additional east-west mineralising thrust to the south of the interpreted Grimwade Thrust.

## COMMENTARY

Nagambie Mining Chairman, Mike Trumbull said: *“The infill soil sampling at Wandean has given us clear priorities for RC drilling traverses. We’ll be particularly keen to see what the bedrock mineralisation looks like under the soil sample that had an overall 31.7 anomaly factor for gold, arsenic and antimony.*

*“The new soil anomaly at Wandean South occurs where we have not previously interpreted an east-west thrust. We look forward to carrying out follow up lines of soil sampling both east and west of the anomalous results obtained.”*

### NAGAMBIE MINING

*Nagambie Mining Limited is an Australian ASX-listed gold company that is focussed on the discovery, evaluation and development of shallow, open-pitTABLE and heap-leachable gold deposits.*

*The Company holds 100% of over 500 km<sup>2</sup> of exploration tenements in central Victoria encompassing historic goldfields at Nagambie, Redcastle and Rushworth. It is testing new structural and mineralisation concepts for gold mineralisation by employing geological, geophysical and geochemical techniques.*

*Nagambie Mining is also developing construction material opportunities at the Nagambie Mine site, principally for rock and sand products and to ultimately maximise the value of the freehold land owned by the Company at the mine.*

### SHARES ON ISSUE

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### Board

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*Kevin Perrin (Finance Dir.)*  
*Alfonso Grillo (Company Sec.)*

**WANDEAN INFILL SOIL SAMPLING PROGRAM**

The Wandean Prospect is 9 km north west of the Nagambie Mine and within Nagambie Mining's 100% owned EL 5430.

The Company has received assay results for its third-pass, infill soil geochemistry program.

The program was designed to refine the shape of the mineralisation trend (refer Figure 1) that extends for around 1,050 metres east of the gold mineralisation intersected in four adjacent holes (25 metre north-south spacing) on the most easterly first-pass RC drilling traverse. The previously reported drill results were 1 metre @ 1.6 g/t gold in WRC09, 3m @ 0.91 g/t in WRC10, 3m @ 1.14 g/t in WRC11 and 1m @ 1.59 g/t in WRC12.

The extensive gold soil anomaly is roughly parallel to the interpreted Wandean Thrust, as predicted by the Company's gold model for the Nagambie region.

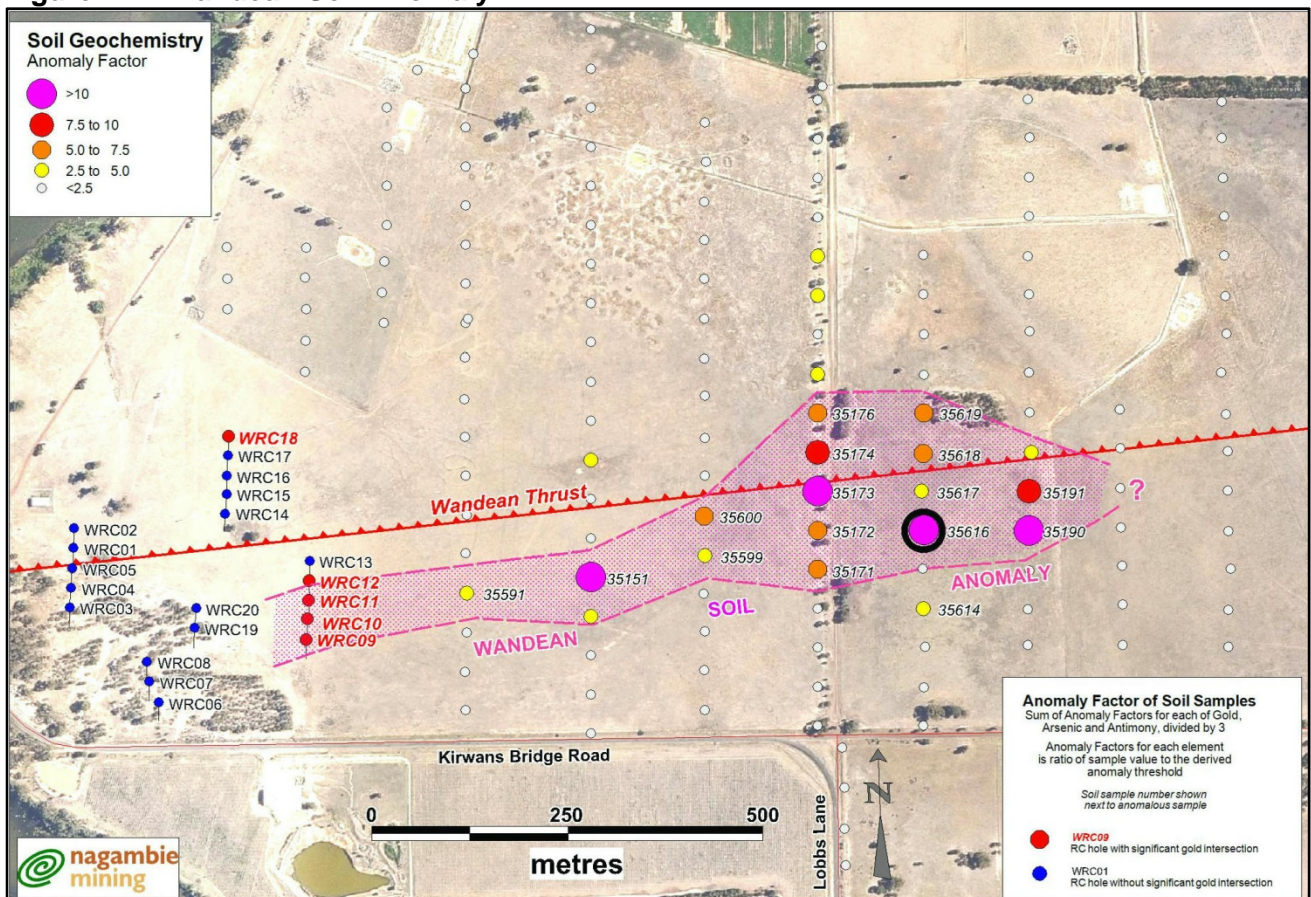
Four north-south lines were soil sampled with an infill line spacing of approximately 130 metres and a sample spacing on each line of 50 metres.

The results indicate that the best grade mineralisation may occur within 600 metres of strike at the eastern end of the soil anomaly.

The most anomalous soil result (sample 35616, highlighted with a black ring in Figure 1) was 239 ppb (parts per billion) gold, 13,607 ppb arsenic and 946 ppb antimony for an overall 31.7 anomaly factor. This is the best ever soil result achieved by the Company in the Nagambie region.

To discriminate between geochemical background and values indicating sub-surface mineralisation, threshold values for anomalous readings were statistically calculated and applied to give anomaly factors for each of the three pathfinder metals (gold, arsenic and antimony), and to produce a combined Anomaly Factor.

**Figure 1 Wandean Soil Anomaly**



The size of the gold anomaly at Wandean approaches the dimensions of the mineralisation mined at Nagambie in the 1990s, and the arsenic/antimony association of the gold confirms the mineralisation style to be similar to that at the old Nagambie Mine. The average mined grade for the Nagambie Mine was 0.8 g/t gold.

### Sampling Methods and Analysis

Soil samples were collected from just below surface by hand and passed through an 8 mm mesh screen. Each approximately 2 kg sample was sent to Genalysis Laboratories in Adelaide for drying and pulverising, and subjected to analysis for gold by aqua regia digestion and graphite furnace AAS (Atomic Absorption Spectroscopy). In addition, a portion of each sample was subjected to the Partial Leach method, TL9, specifically developed for trace level detection of arsenic and antimony in soil. To ensure sample quality, repeat samples were taken at regular intervals.

### Threshold Values and Anomaly Factors

Nagambie Mining is developing a large database of surface soil geochemistry over the region, from which it can confidently estimate threshold values (the difference between background geochemistry and values indicating buried mineralisation) for a number of different soil types. For the Wandean Prospect, these threshold values are shown in Table 1 along with the range in values for each of the three pathfinder metals.

The assay value of each metal is divided by its corresponding Threshold Value to determine an Anomaly Factor (AF) for that metal. A final AF is calculated by adding the individual AFs and dividing by 3 to produce the anomaly map shown in Figure 1.

**Table 1 Range of Values and Anomalous Thresholds**

Metal	Minimum (ppb)	Maximum (ppb)	Anomaly Threshold (ppb)
Gold (Au)	1	239	3.3
Arsenic (As)	142	13,607	1,130
Antimony (Sb)	8	4,481	90

A list of all highly anomalous results is shown in Table 2 (sample numbers shown on Figure 1).

**Table 2 Highly Anomalous Soil Results - Wandean Prospect**

Sample Number	East (MGA)	North (MGA)	Au (ppb)	As (ppb)	Sb (ppb)	AF (Au)	AF (As)	AF (Sb)	AF
35151*	334750	59 31250	13	5,121	2,317	3.9	4.5	26.0	11.5
35171*	335040	59 31260	18	1,403	766	5.5	1.2	8.6	5.1
35172*	335040	59 31310	20	2,734	1,099	6.1	2.4	12.4	6.9
35173*	335040	59 31360	45	3,171	4,481	13.6	2.8	50.4	22.3
35174*	335040	59 31410	19	2,843	1,413	5.8	2.5	15.9	8.1
35176*	335040	59 31460	14	2,298	1,097	4.2	2.0	12.3	6.2
35190*	335310	59 31310	31	4,913	1,647	9.4	4.4	18.5	10.8
35191*	335310	59 31360	31	8,291	530	9.4	7.3	6.0	7.6
35591	334591	59 31230	12	2,476	294	3.6	2.2	3.3	3.0
35599	334896	59 31278	12	1,390	394	3.6	1.2	4.4	3.1
35600	334895	59 31328	39	1,117	221	11.8	1.0	2.5	5.1
35614	335175	59 31210	5	3,142	419	1.5	2.8	4.7	3.0
35616	335176	59 31311	239	13,607	946	72.4	12.0	10.6	31.7
35617	335173	59 31360	13	2,530	646	3.9	2.2	7.3	4.5
35618	335175	59 31408	17	4,567	645	5.2	4.0	7.3	5.5
35619	335176	59 31460	13	3,762	1,140	3.9	3.3	12.8	6.7

\* Previously reported.

**WANDEAN SOUTH**

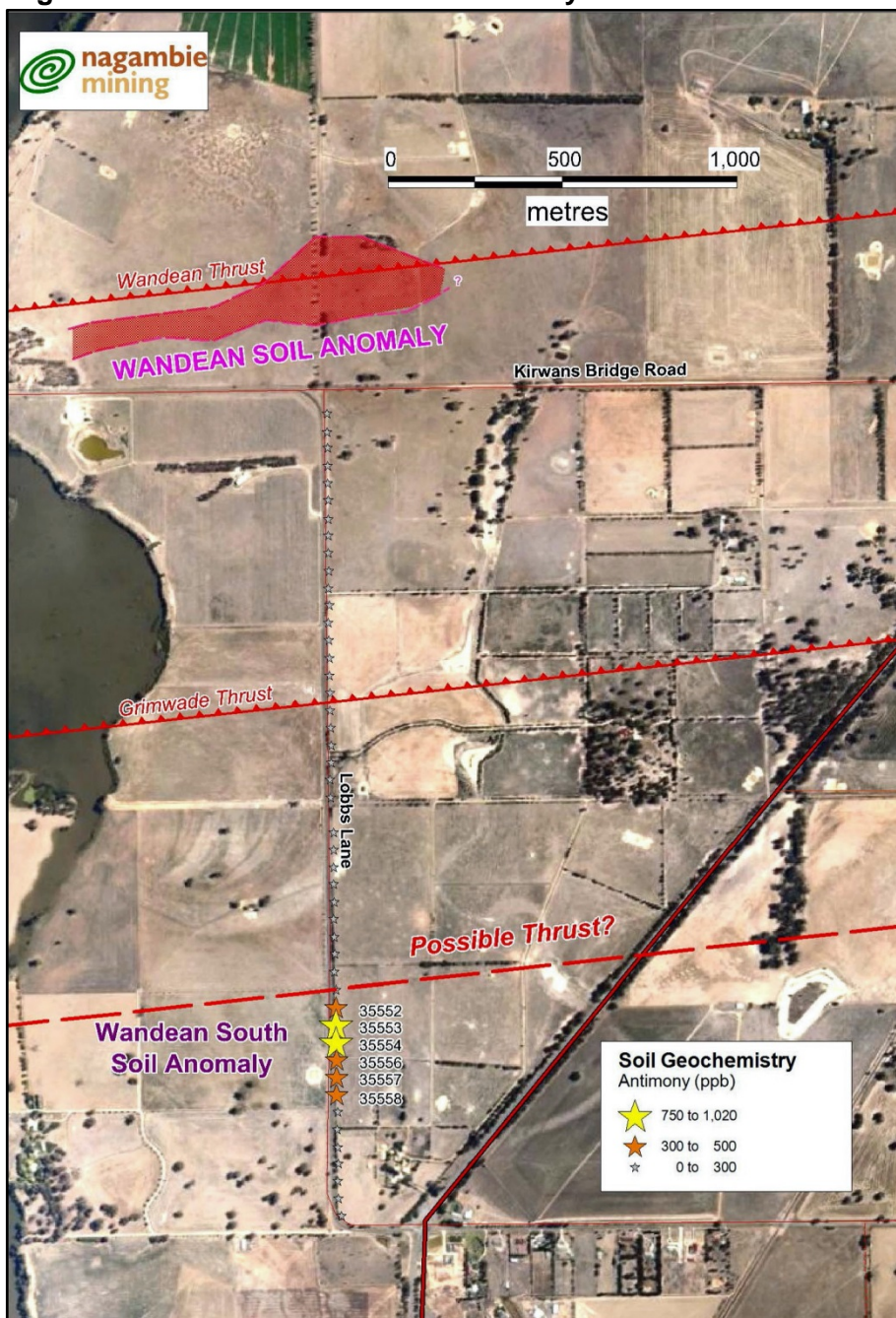
Soil samples were taken every 50 metres besides Lobbs Lane (refer Figure 2) using the same sampling methods and analysis as for the Wandean Prospect.

A list of all anomalous results is shown in Table 3 (sample numbers shown on Figure 2).

A strong antimony anomaly with associated gold and arsenic occurs 2.2 km to the south of the Wandean gold-arsenic-antimony anomaly.

The Wandean South soil anomaly possibly indicates an additional east-west mineralising thrust to the south of the interpreted Grimwade Thrust. Follow up soil sampling on lines both east and west of the anomaly will be carried out to determine its extent and trend.

**Figure 2 Wandean South Soil Anomaly**



**Table 3 Anomalous Soil Results – Wandean South**

Sample Number	East (MGA)	North (MGA)	Au (ppb)	As (ppb)	Sb (ppb)	AF (Au)	AF (As)	AF (Sb)	AF
35552	335099	59 29280	5	760	322	1.5	0.7	3.6	1.9
35553	335100	59 29230	3	1,739	1,018	0.9	1.5	11.4	4.6
35554	335100	59 29179	3	1,387	791	0.9	1.2	8.9	3.7
35556	335101	59 29130	4	1,049	333	1.2	0.9	3.7	2.0
35557	335101	59 29079	3	1,334	308	0.9	1.2	3.5	1.9
35558	335102	59 29029	5	1,547	405	1.5	1.4	4.6	2.5

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#### **STATEMENT AS TO COMPETENCY**

*The Exploration Results in this report have been compiled by Mr Geoff Turner, who is a member of the Australian Institute of Geoscientists, has more than ten years in the estimation, assessment, and evaluation of mineral resources and ore reserves, and has more than 20 years in exploration for the relevant style of mineralisation that is being reported. In these regards, Geoff Turner qualifies as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Geoff Turner is a Director of Nagambie Mining Limited and consents to the inclusion in this report of these matters based on the information in the form and context in which it appears.*

#### **FORWARD-LOOKING STATEMENTS**

*This report contains "forward-looking statements" within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "continue", "objectives", "outlook", "guidance" or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Nagambie Mining and any of its officers, employees, agents or associates. Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Exploration potential is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource. Readers are cautioned not to place undue reliance on forward-looking statements and Nagambie Mining assumes no obligation to update such information.*