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## **ASX Announcement**

11 January 2012

# NEW DRILL ASSAY RESULTS CONFIRM EXTENSION OF HIGH GRADE GOLD MINERALISATION AT NABANGA (CENTRAL ZONE) TO A MINIMUM 100 METRE VERTICAL DEPTH

## **Highlights:**

- New assay results received from reverse circulation (RC) drilling at Nabanga Gold Project.
- Drilling confirms high grade gold mineralisation on Nabanga "Central Zone" over a 500m strike length and to a minimum 100m vertical depth.
- New high grade drill intersections include:
  - o 2m @ 19.00g/t Au from 24m (in NARC091)
  - 3m @ 8.65g/t Au from 85m (in NARC099)
  - o 3m @ 20.49g/t Au from 72m (in NARC100)
  - 10m @ 17.70g/t Au from 51m (in NARC114)
     (incl. 5m @ 34.68g/t Au (from 51m)
  - 4m @ 7.47g/t Au from 37m (in NARC 117)
  - 8m @ 4.45g/t Au from 51m (in NARC120)
     (incl. 3m @ 10.16g/t Au from 51m)
  - o 3m @ 8.00g/t Au from 69m (in NARC121)
- New assay results also include "wide" intersections with high grade intervals at approximately 100 metres vertical depth comprising:
  - 14m @ 3.68g/t Au from 94m (in NARC105)
     (incl. 6m @ 7.37g/t Au from 101m)
  - 14m @ 2.94g/t Au from 115m (in NARC111)
     (incl. 4m @ 5.93g/t Au from 117m)
- Drill assay results pending for more than 60 additional RC drill holes.
- RC drilling progressively advancing to other high grade gold zones including <u>North Zone</u> (~600m strike length) and <u>South Zone</u> (~1,100m strike length) targets.
- Additional drilling proposed to test 4 kilometre strike extension to Nabanga system.

# **New High Grade Assay Results in Central Zone Area**

The Board of Mt Isa Metals Limited (MET) is pleased to advise that further high grade gold assay results have been received from RC drilling at the Nabanga Gold Project in south-east Burkina Faso.

The results are from the Central Zone area – one of three high grade gold zones with an aggregate strike length in excess of 2 kilometres currently being drill tested by MET in the Nabanga Project area (figure 1).

The new drill assay results include:

- 2m @ 19.00g/t Au from 24m (in NARC091)
- 3m @ 8.65g/t Au from 85m (in NARC099) (incl. 2m @ 10.60g/t Au (from 86m)
- 3m @ 20.49g/t Au from 72m (in NARC100)
- 14m @ 3.68g/t Au from 94m (in NARC105) (incl. 6m @ 7.37g/t Au from 101m)
- 14m @ 2.94g/t Au from 115m (in NARC111) (incl. 4m @ 5.93g/t Au from 117m)
- 10m @ 17.70g/t Au from 51m (in NARC114) (incl. 5m @ 34.68g/t Au (from 51m)
- 4m @ 7.47g/t Au from 37m (in NARC 117) (incl. 2m @ 10.96g/t Au from 39m)
- 8m @ 4.45g/t Au from 51m (in NARC120)
   (incl. 3m @ 10.16g/t Au from 51m)
- 3m @ 8.00g/t Au from 69m (in NARC121) (incl. 1m @ 20.10 g/t Au from 69m)

The new drill assay results (together with those previously reported) confirm a significant zone of high grade gold mineralisation in the Central Zone area. High grade gold mineralisation in the Central Zone area has been defined over a 500 metre strike length and has now been extended to a minimum 100 metre vertical depth.

A longitudinal section through the Central Zone area showing the recent drill hole intersections is provided at figure 2.

Detailed data for the new drill holes in the Central Zone area are provided in table 1 (Nabanga main lode intersections) and table 2 (other intersections).

To date assay results have been received for 44 RC drill holes from the Central Zone area. The average down hole drill intersection for all such holes is 4.2 metres @ 6.49 g/t Au.

Additional RC drilling in the Central Zone area is scheduled to be completed during the current month. This drilling will comprise additional infill drilling and will also target a further extension of gold mineralisation in the Central Zone area below 100m vertical depth.

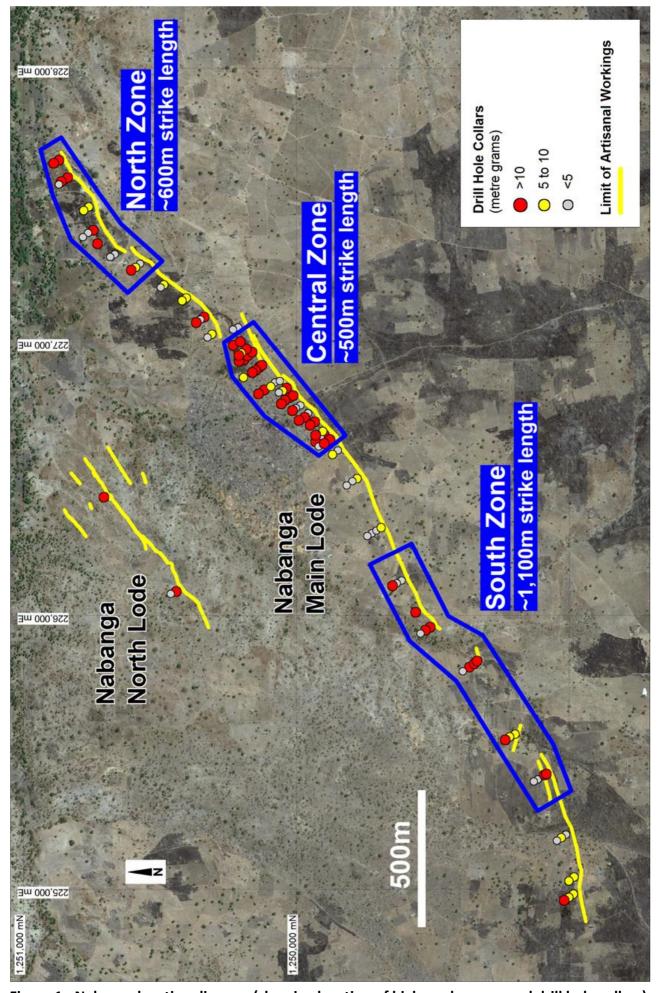


Figure 1 - Nabanga location diagram (showing location of high grade zones and drill hole collars).

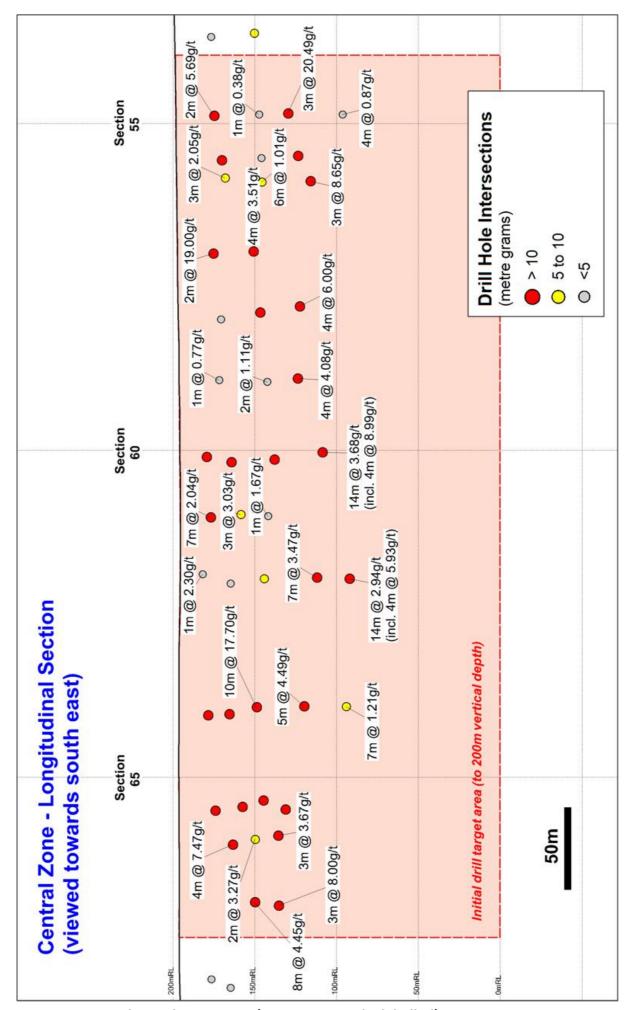


Figure 2 – Central Zone long section (new assay results labelled).

# **Significant Depth Potential**

Gold mineralisation in the Central Zone area is open at depth along the entire 500 metre strike length of the target area drilled to date. High grade gold mineralisation in the Central Zone area has now also been recorded on multiple cross sections to approximately 100 metres vertical depth (figure 2).

Given the success of the drilling program to date significant potential exists to define additional gold mineralisation in the Central Zone area (and elsewhere along the full 3.6 kilometre strike length of the Nabanga structure) through deeper drilling.

Recent drill intersections towards the middle of the Central Zone area also demonstrate broader zones of gold mineralisation with increased depth. Drill intersections in this area include:

- NARC105 mid-point of intersection is 90m vertical depth
   → 14m @ 3.68g/t Au (includes 6m @ 7.37g/t Au)
- NARC111 mid-point of intersection is 105m vertical depth
   → 14m @ 2.94g/t Au (includes 4m @ 5.93g/t Au)

The intersections in both NARC105 and NARC111 comprise a wide interval above an 0.5g/t cut-off together with a higher grade "core" more representative of results received to date from Nabanga drilling.

A schematic cross section through drill hole NARC105 is provided at figure 3. This cross section also highlights open ended gold mineralisation below 100 metres vertical depth.

## **Nabanga Drilling Ongoing**

Exploration drilling is ongoing within the Nabanga Project area.

RC drilling is currently focussed on resource definition activities within the high grade North Zone, Central Zone and South Zone targets. This drilling is being completed on 40 metre-spaced cross sections to an approximate 100 metre vertical depth.

Wider-spaced drilling is also proposed in the interval from 100 metres to 200 metres vertical depth to provide an indication of potential to further extend high grade gold mineralisation.

During the current month RC drilling is also scheduled to provide an initial test of an interpreted 4 kilometre long south-west trending extension to the Nabanga structure defined by high resolution magnetic geophysical data.

# Additional Drilling Results Pending / Resource Estimation

Assay results are currently awaited for more than 60 additional RC drill holes that have been completed primarily over the Nabanga North Zone and Central Zone targets. These assay results, together with drilling proposed for the South Zone area will be progressively reported during the ongoing drilling program.

The Company is aiming to complete the current drill program on the North, Central and South Zones by March 2012, and subject to receipt of assays and analysis, release a maiden resource estimate for these zones as soon as practicable thereafter.

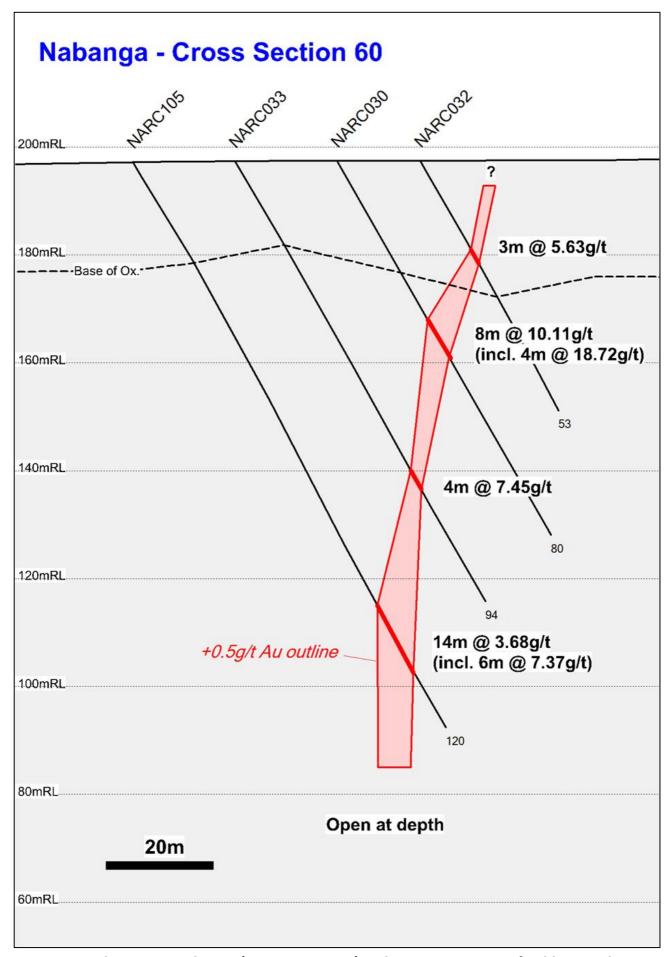


Figure 3 – Nabanga Central Zone (Cross section 60) – Showing extension of gold mineralisation to a minimum 100 metres vertical depth.

| Hole No. | East    | North     | RL  | TD  | Dip | Azi   | From     | То  | Width | Au    |
|----------|---------|-----------|-----|-----|-----|-------|----------|-----|-------|-------|
|          | (WGS84) | (WGS84)   | (m) | (m) |     |       | (m)      | (m) | (m)   | (g/t) |
| NARC091  | 226,708 | 1,249,934 | 197 | 50  | -60 | 145   | 24       | 26  | 2     | 19.00 |
| NARC092  | 226,696 | 1 240 051 | 197 | 72  | -60 | 145   | 51       | 55  | 4     | 3.51  |
|          |         | 1,249,951 |     |     |     |       | incl. 51 | 52  | 1     | 8.84  |
| NARC094  | 226,644 | 1,249,879 | 199 | 51  | -60 | 145   | 26       | 28  | 2     | 5.69  |
| NARC094  |         | 1,243,073 |     |     |     | 143   | incl. 27 | 28  | 1     | 9.49  |
| NARC095  | 226,632 | 1,249,896 | 199 | 70  | -60 | 145   | 30       | 31  | 1     | 0.66  |
| NARC096  | 226,618 | 1,249,919 | 199 | 126 | -70 | 145   | 106      | 110 | 4     | 0.87  |
| NARC097  | 226,674 | 1,249,904 | 198 | 50  | -60 | 145   | 33       | 36  | 3     | 2.05  |
| NARC098  | 226,663 | 1,249,927 | 198 | 70  | -60 | 145   | 57       | 63  | 6     | 1.01  |
| NARC099  | 226,659 | 1,249,931 | 198 | 120 | -70 | 145   | 85       | 88  | 3     | 8.65  |
| NARC100  | 226,629 | 1,249,900 | 199 | 92  | -70 | 145   | 72       | 75  | 3     | 20.49 |
| NARC101  | 226,768 | 1,249,985 | 197 | 50  | -60 | 145   | 29       | 30  | 1     | 0.77  |
| NARC102  | 226,759 | 1,250,002 | 197 | 84  | -60 | 145   | 62       | 64  | 2     | 1.11  |
| NARC103  | 226,750 | 1,250,015 | 197 | 102 | -60 | 145   | 82       | 86  | 4     | 4.08  |
| NARC104  | 226,714 | 1,249,992 | 197 | 120 | -60 | 145   | 84       | 88  | 4     | 6.00  |
|          | 220,721 |           |     |     |     | 1.5   | incl. 86 | 88  | 2     | 9.97  |
| NARC105  | 226,774 | 1,250,057 | 197 | 120 | -60 | 145   | 94       | 108 | 14    | 3.68  |
|          | 220,774 |           |     |     |     |       | 101      | 107 | 6     | 7.37  |
| NARC108  | 226,832 | 1,250,038 | 198 | 50  | -60 | 145   | 21       | 27  | 7     | 2.04  |
| NARC109  | 226,822 | 1,250,051 | 198 | 72  | -60 | 145   | 43       | 46  | 3     | 3.03  |
| NARC110  | 226,815 | 1,250,064 | 198 | 90  | -60 | 145   | 63       | 64  | 1     | 1.67  |
| NARC111  | 226,811 | 1,250,140 | 197 | 140 | -60 | 145   | 115      | 129 | 14    | 2.94  |
|          |         |           |     |     |     | incl. | 117      | 120 | 3     | 7.02  |
| NARC112  | 226,825 | 1,250,119 | 198 | 114 | -60 | 145   | 94       | 101 | 7     | 3.47  |
|          |         |           |     |     |     |       | incl. 96 | 99  | 3     | 6.71  |
| NARC113  | 226,858 | 1,250,061 | 198 | 50  | -60 | 145   | 18       | 19  | 1     | 2.30  |
| NARC114  | 226,896 | 1,250,151 | 197 | 90  | -60 | 145   | 51       | 61  | 10    | 17.70 |
|          | -       |           |     |     |     |       | incl. 51 | 56  | 5     | 34.68 |
| NARC115  | 226,871 | 1,250,195 | 197 | 138 | -60 | 145   | 114      | 121 | 7     | 1.21  |
|          | 226,889 | 1,250,162 | 197 | 105 | -70 | 145   | 74       | 76  | 2     | 2.87  |
| NARC116  |         |           |     |     |     |       | 80       | 85  | 5     | 4.49  |
|          |         |           |     |     |     |       | incl. 80 | 82  | 2     | 10.14 |
| NARC117  | 226,974 | 1,250,185 | 198 | 60  | -60 | 145   | 37       | 41  | 4     | 7.47  |
| NARC118  | 226,960 | 1,250,202 | 197 | 70  | -60 | 145   | 53       | 55  | 2     | 3.27  |
| NARC119  | 226,951 | 1,250,212 | 197 | 96  | -60 | 145   | 69       | 72  | 3     | 3.67  |
|          |         |           |     |     |     |       | incl. 69 | 70  | 1     | 9.92  |
| NARC120  | 227,001 | 1,250,207 | 197 | 92  | -60 | 145   | 51       | 59  | 8     | 4.45  |
|          |         |           |     |     |     |       | incl. 51 | 54  | 3     | 10.16 |
| NARC121  | 226,988 | 1,250,232 | 197 | 90  | -60 | 145   | 69       | 72  | 3     | 8.00  |
|          |         |           |     |     |     |       | incl. 69 | 70  | 1     | 20.10 |

Table 1 – Nabanga Drill Results – Main Lode Intersections (0.5g/t Au cut-off grade).

| Hole No. | East    | North     | RL  | TD  | Dip | Azi | From | То  | Width | Au    |
|----------|---------|-----------|-----|-----|-----|-----|------|-----|-------|-------|
|          | (WGS84) | (WGS84)   | (m) | (m) |     |     | (m)  | (m) | (m)   | (g/t) |
| NARC092  | 226,696 | 1,249,951 | 197 | 72  | -60 | 145 | 58   | 61  | 3     | 1.61  |
| NARC093  | 226,732 | 1,249,964 | 197 | 66  | -60 | 145 | 2    | 3   | 1     | 0.50  |
| NARC094  | 226,644 | 1,249,879 | 199 | 51  | -60 | 145 | 22   | 23  | 1     | 0.60  |
| NARC096  | 226,618 | 1,249,919 | 199 | 126 | -70 | 145 | 23   | 25  | 2     | 0.91  |
| NARC099  | 226,659 | 1,249,931 | 198 | 120 | -70 | 145 | 58   | 59  | 1     | 1.63  |
| NARC100  | 226,629 | 1,249,900 | 199 | 92  | -70 | 145 | 16   | 17  | 1     | 0.56  |
|          |         |           |     |     |     |     | 25   | 26  | 1     | 0.78  |
| NARC101  | 226,768 | 1,249,985 | 197 | 50  | -60 | 145 | 0    | 1   | 1     | 1.14  |
| NARC102  | 226,759 | 1,250,002 | 197 | 84  | -60 | 145 | 67   | 68  | 1     | 1.19  |
| NARC104  | 226,714 | 1,249,992 | 197 | 120 | -60 | 145 | 0    | 2   | 2     | 2.65  |
| NARC108  | 226,832 | 1,250,038 | 198 | 50  | -60 | 145 | 1    | 2   | 1     | 1.09  |
| NARC109  | 226,822 | 1,250,051 | 198 | 72  | -60 | 145 | 36   | 37  | 1     | 0.99  |
| NARC114  | 226,896 | 1,250,151 | 197 | 90  | -60 | 145 | 0    | 1   | 1     | 1.32  |
| NARC117  | 226,974 | 1,250,185 | 198 | 60  | -60 | 145 | 0    | 2   | 2     | 1.41  |
| NARC118  | 226,960 | 1,250,202 | 197 | 70  | -60 | 145 | 0    | 1   | 1     | 1.59  |
|          |         |           |     |     |     |     | 60   | 61  | 1     | 0.93  |
| NARC119  | 226,951 | 1,250,212 | 197 | 96  | -60 | 145 | 0    | 1   | 1     | 0.63  |
|          |         |           |     |     |     |     | 78   | 79  | 1     | 0.51  |
| NARC120  | 227,001 | 1,250,207 | 197 | 92  | -60 | 145 | 0    | 2   | 2     | 0.95  |
|          |         |           |     |     |     |     | 38   | 39  | 1     | 0.64  |

Table 2 – Nabanga Drill Results – Other Intersections (0.5g/t Au cut-off grade).

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Further information on Mt Isa Metals can be found on our website www.mtisametals.com.au

### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Mr Peter Spiers B.Sc (Hons) Geol., who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Spiers is a full time employee of the company. Mr Spiers has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Spiers consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.