

# PRECIOUS METALS MEXICO

October 2014

**SANTANA**  
MINERALS LIMITED  
**ASX:SMI**



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All information contained in this presentation is of a general nature. Potential investors are cautioned against using the content of this presentation, in isolation, for making investment decisions.

Best efforts have been made to ensure the accuracy of information contained (at the time of preparation). Where forward targets and/or assumptions have been included – all such instances are indicative only and subject to alteration and/or cancellation as and when the management of Santana Minerals Limited ('Santana') determines.

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## **Previous Disclosure - JORC Code**

Information relating to exploration targets, exploration results, mineral resources or ore reserves associated with the Company's projects in this Presentation has been extracted from or referenced in the following ASX Announcements:

- ASX announcement titled "Cuitaboca Project" dated 27 July 2014;
- ASX announcement titled "Namiquipa Project Update" dated 17 July 2014;
- ASX announcement titled "Information Memorandum" dated 29 May 2013.

A copy of these announcements are available to view on the Santana Minerals Limited website [www.santanaminerals.com](http://www.santanaminerals.com).

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

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# OBJECTIVES & MANAGEMENT

## Strategy

- ◆ Exploration for gold and silver
- ◆ Mexico focus
- ◆ Existing projects + continuous evaluation of other projects of significant potential

## A board with exploration, development and mining experience in Mexico:

- |                 |                            |
|-----------------|----------------------------|
| ◆ Norm Seckold  | Chairman                   |
| ◆ Tony McDonald | Managing Director          |
| ◆ Joe Conway    | Primero nominee (Non-Exec) |
| ◆ Dick Keevers  | Director (Non-Exec)        |

# WHY MEXICO

## ◆ Mexico offers

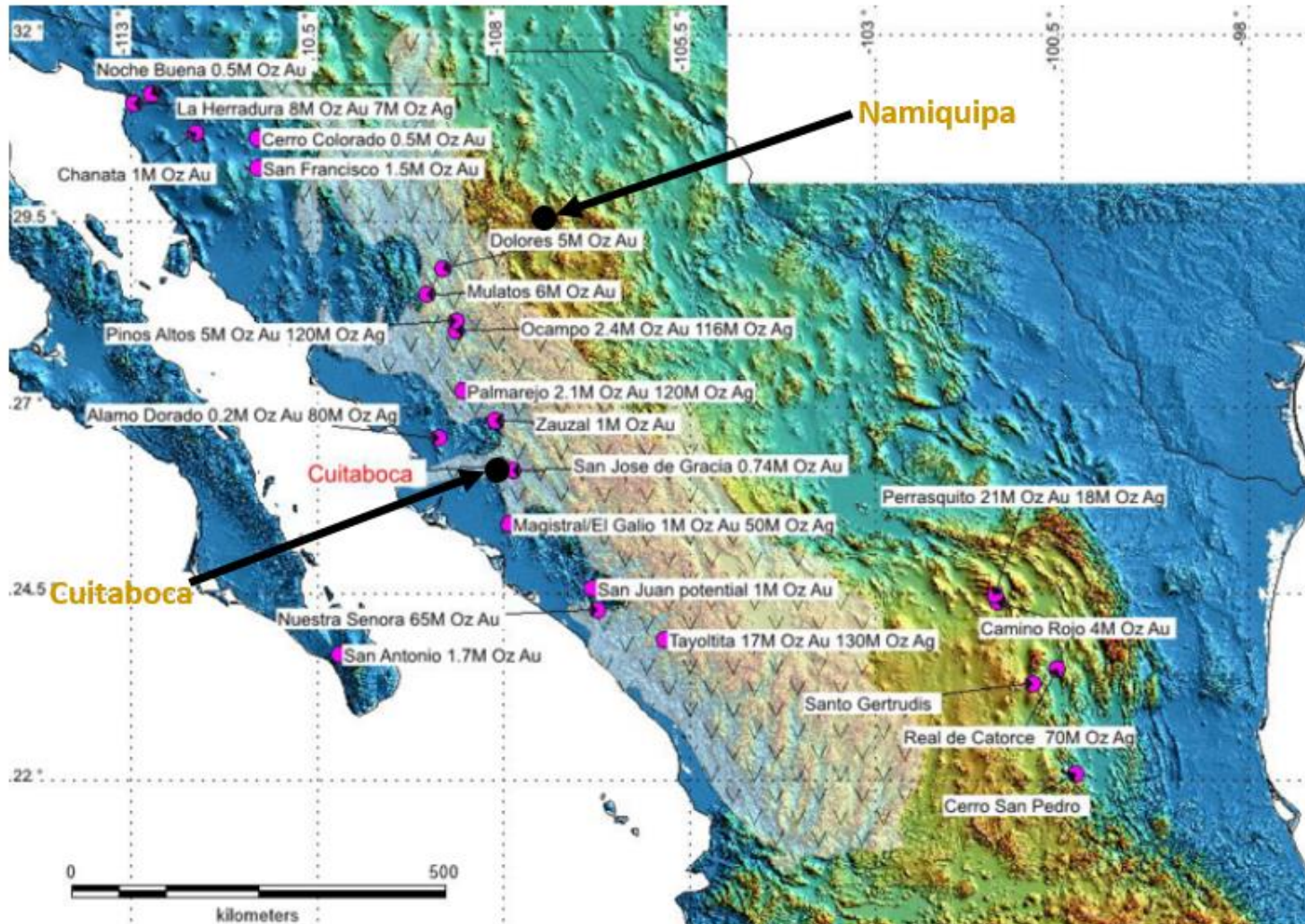
- good geology
- resource rich
- underexplored in modern terms
- stable regulatory framework
- strong mining culture
- understood by money markets

making it a highly prospective and desirable location

## ◆ Santana has management and technical experience 'in country'

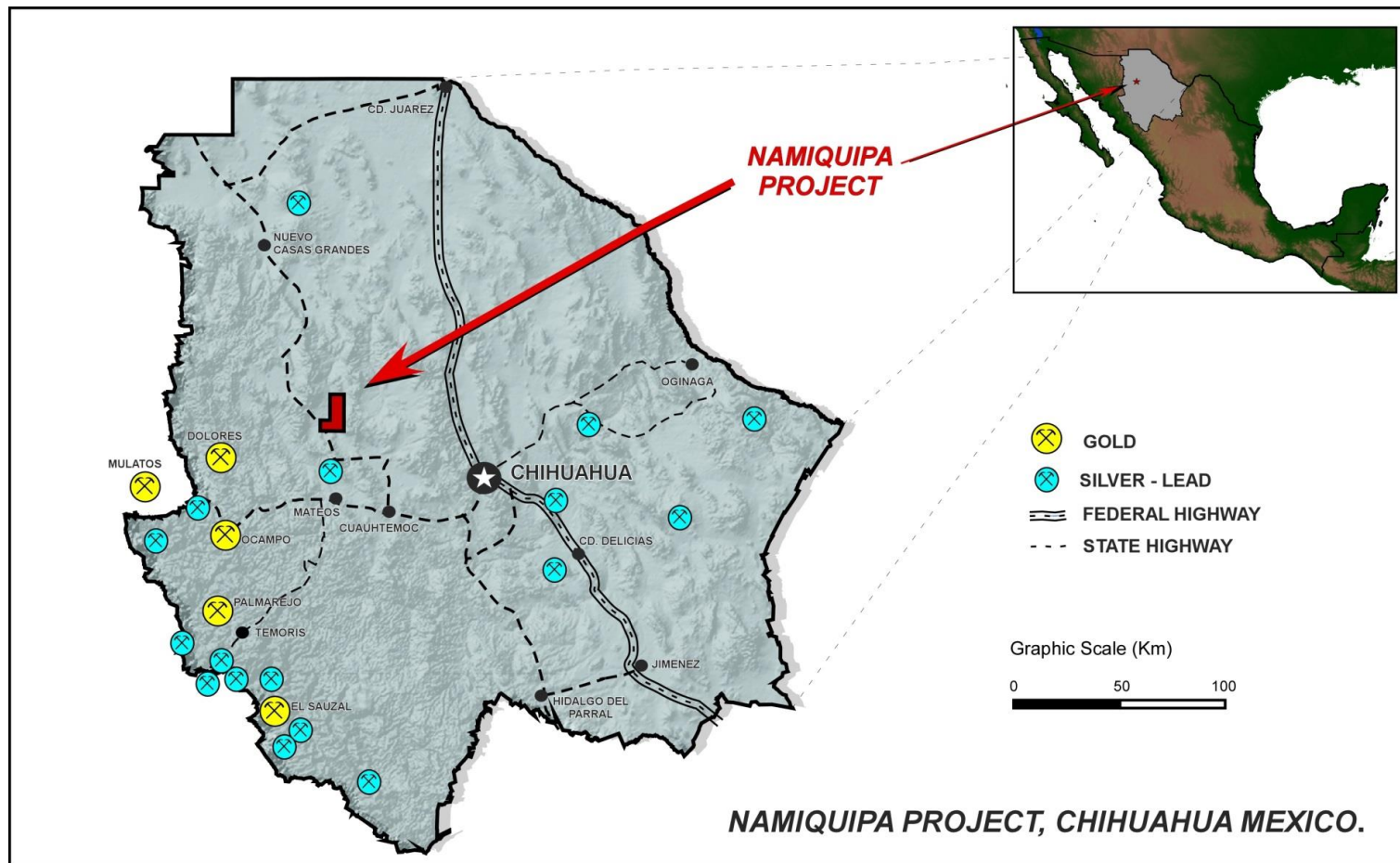
- working with the locals advancing and identifying opportunity
- targets are low sulphidation epithermal systems of the Sierra Madre
- strong technical team with relevant and specific expertise

# Sierra Madre Occidental Mining Activity





# NAMIQUIPA - Location



- ◆ Santana 100% ownership
- ◆ Silver/lead/zinc deposit
- ◆ 145 WNW of Chihuahua
- ◆ 4,400 Ha mineral concessions

# NAMIQUIPA – Princesa Vein

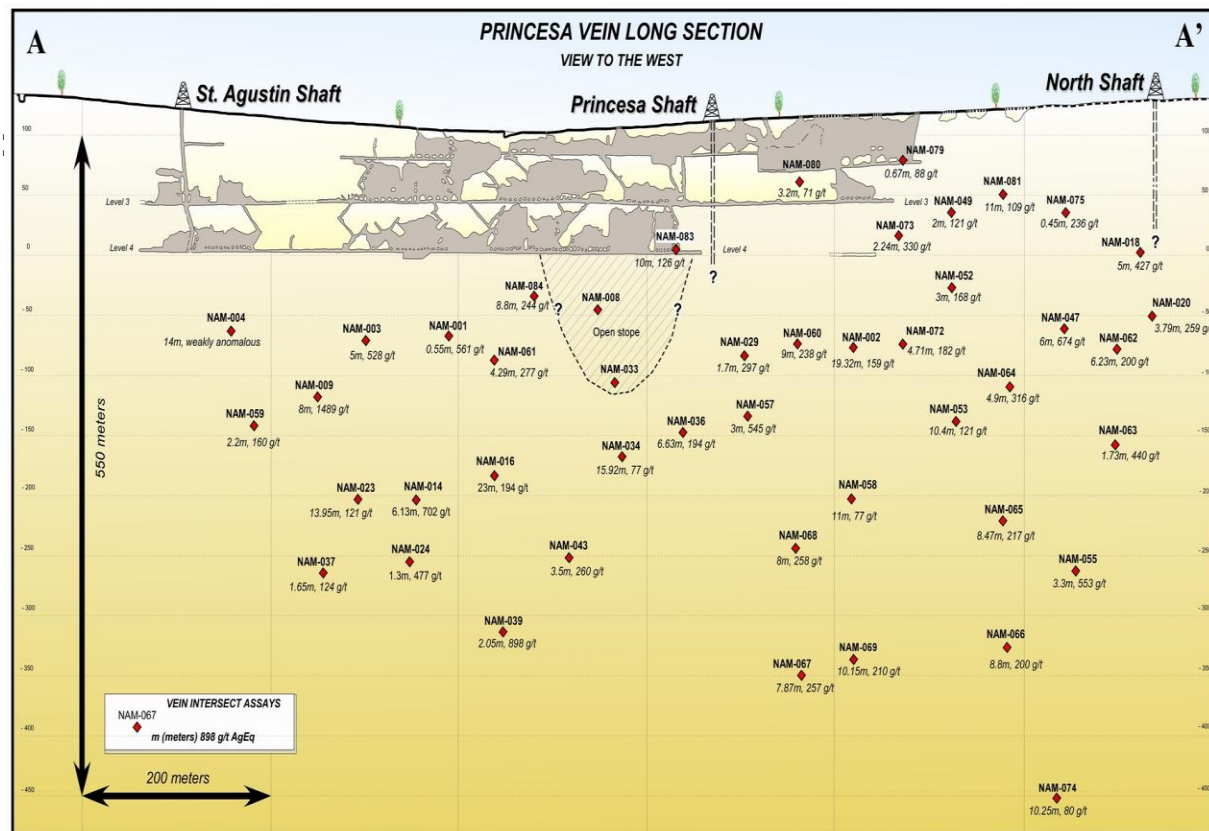
## Historically:

La Venturosa Ag mine produced:

- ◆ 14.3Moz Ag (220 – 550 g/t)
- ◆ +32,500t Pb (1.3% - 3.8%)
- ◆ + 43,500t Zn (7.5%)

## Exploration 2011/12:

- ◆ Tested 200 - 500m below surface under mine workings
- ◆ 32,000m (86 core holes)



## Drill Highlights:

- ◆ NAM009 16m from 202m: **834g/t Ag + 2.29%Pb + 0.88%Zn**
- ◆ NAM047 6m from 163m: **1,133g/t Ag + 0.51%Pb + 1.02%Zn**
- ◆ NAM014 7.5m from 354m: **576g/t Ag + 0.51%Pb + 0.42%Zn**
- ◆ NAM016 13m from 3-1m: **151g/tAg + 2.18%Pb + 2.23%Zn**

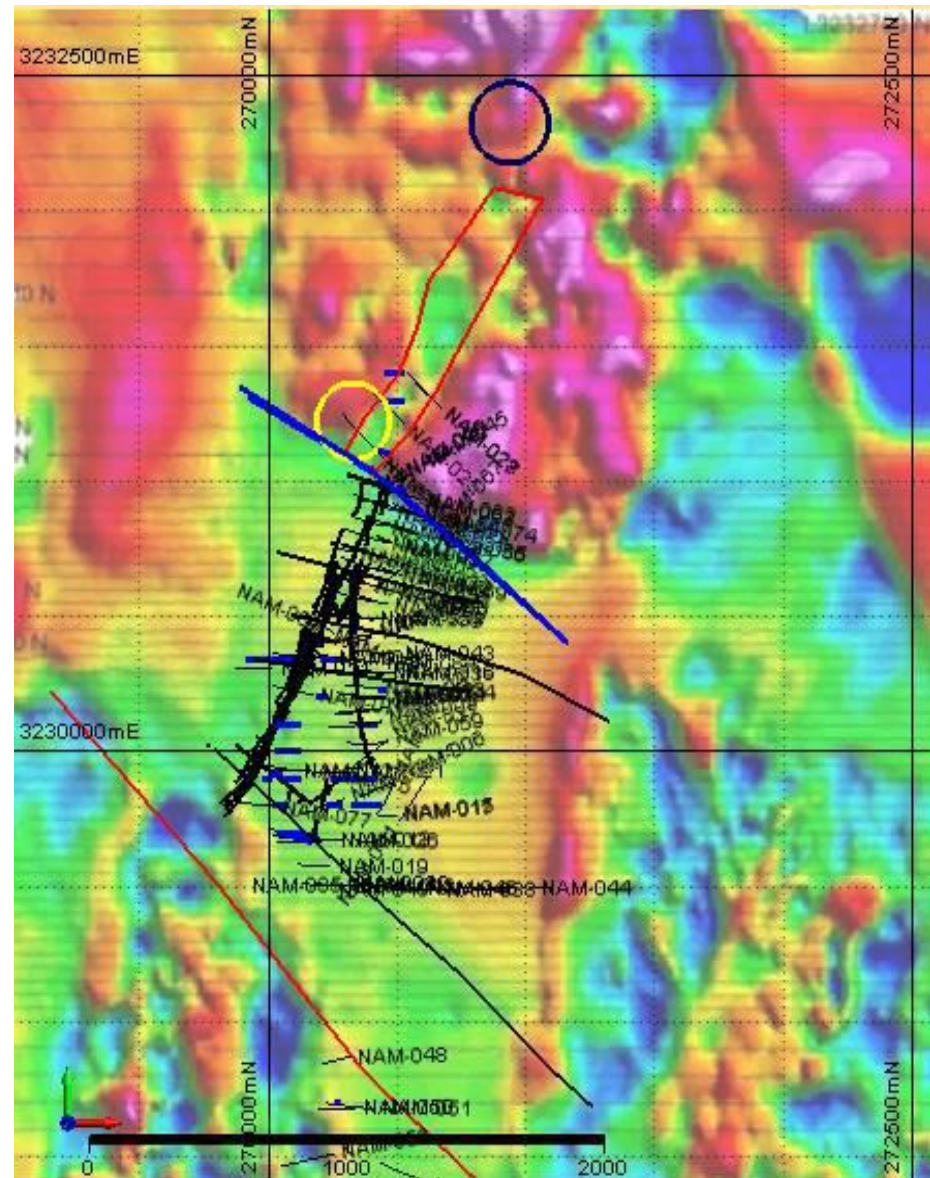
# NAMIQUIPA – 2014

Corbett Menzies review of geological, geochemical and geophysical data identified:

- ◆ Model for control of mineralisation
  - lithology
  - structure
  - styles and
  - mechanism
- ◆ Geologic model
- ◆ Drill targets.

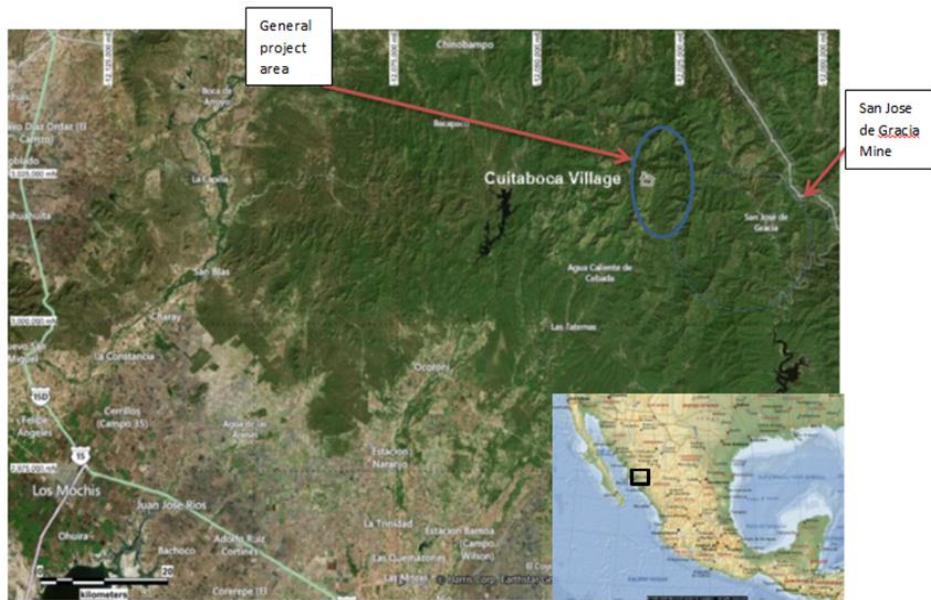
## Drilling October 2014:

- ◆ 2,500 – 3,000 core program
- ◆ Tests the northern vein extensions

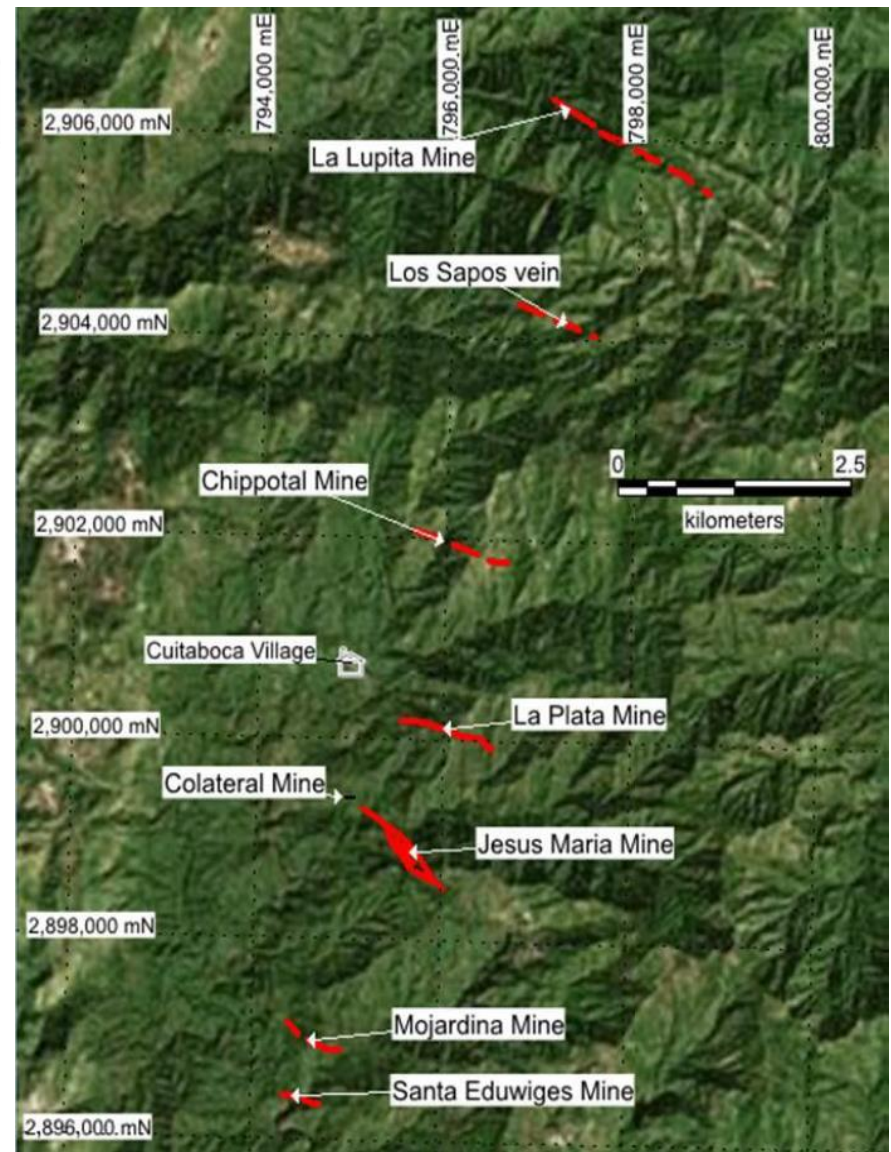




# CUITABOCA - Location



- ◆ **Santana earning 80%**
- ◆ **Silver Gold rich polymetal mineralisation**
- ◆ **100km NE of Los Mochis Sinaloa**
- ◆ **5,100 Ha mineral concessions**





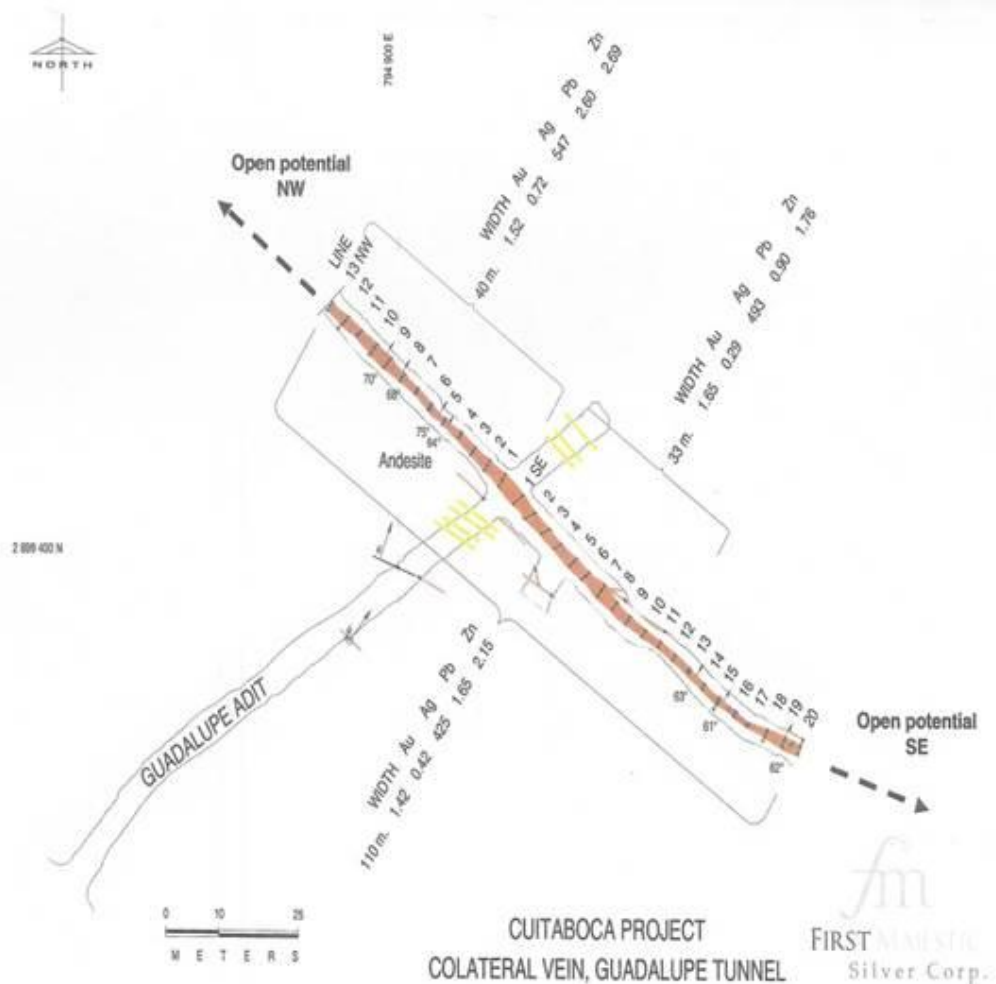
# CUITABOCA - Location



Colateral vein drive entrance.

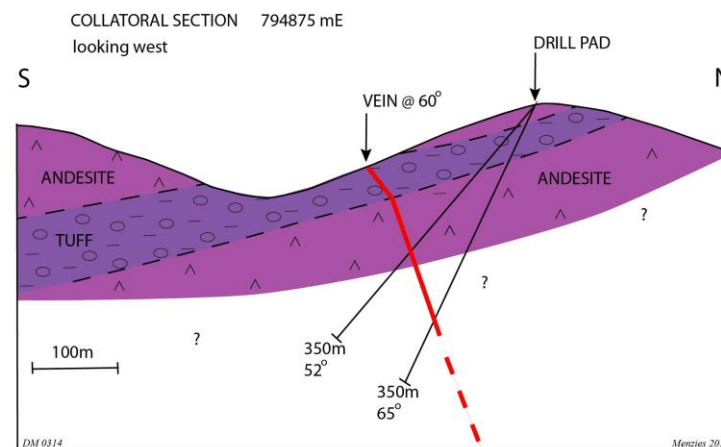


# CUITABOCA – Colateral Vein Drift



| Line Number               | Width Metres | Au g/t | Ag g/t | Pb % | Zn % |
|---------------------------|--------------|--------|--------|------|------|
| Line 1 NW                 | 2.30         | 0.12   | 251    | 0.85 | 4.98 |
| Line 2 NW                 | 1.60         | 0.18   | 464    | 1.64 | 1.78 |
| Line 3 NW                 | 1.50         | 0.24   | 480    | 0.74 | 1.44 |
| Line 4 NW                 | 1.10         | 0.29   | 169    | 1.08 | 1.54 |
| Line 5 NW                 | 1.15         | 0.20   | 870    | 4.05 | 3.82 |
| Line 6 NW                 | 0.50         | 1.47   | 202    | 0.53 | 0.78 |
| Line 7 NW                 | 1.10         | 1.38   | 1,359  | 6.76 | 3.68 |
| Line 8 NW                 | 1.50         | 1.41   | 1,240  | 3.55 | 4.03 |
| Line 9 NW                 | 2.10         | 1.28   | 395    | 2.56 | 2.93 |
| Line 10 NW                | 2.30         | 0.93   | 741    | 5.30 | 3.03 |
| Line 11 NW                | 1.35         | 1.49   | 756    | 1.66 | 2.05 |
| Line 12 NW                | 1.70         | 0.25   | 77     | 1.06 | 0.79 |
| Line 13 NW                | 1.60         | 0.68   | 291    | 3.34 | 1.84 |
| Line 1 SE                 | 2.00         | 0.05   | 216    | 0.75 | 1.10 |
| Line 2 SE                 | 2.00         | 0.08   | 722    | 0.84 | 2.13 |
| Line 3 SE                 | 1.70         | 0.05   | 652    | 0.83 | 2.25 |
| Line 4 SE                 | 1.50         | 0.18   | 718    | 1.05 | 1.28 |
| Line 5 SE                 | 1.70         | 0.51   | 823    | 0.80 | 2.08 |
| Line 6 SE                 | 1.80         | 1.01   | 637    | 1.50 | 3.39 |
| Line 7 SE                 | 2.20         | 0.39   | 413    | 0.55 | 1.08 |
| Line 8 SE                 | 1.50         | 0.41   | 677    | 1.84 | 3.98 |
| Line 9 SE                 | 1.50         | 0.27   | 53     | 0.65 | 0.39 |
| Line 10 SE                | 1.20         | 0.12   | 37     | 0.59 | 0.42 |
| Line 11 SE                | 1.00         | 0.04   | 276    | 0.38 | 0.64 |
| Line 12 SE                | 1.00         | 0.01   | 2      | 0.04 | 0.08 |
| Line 13 SE                | 0.70         | 0.01   | 6      | 0.09 | 0.15 |
| Line 14 SE                | 1.00         | 0.01   | 20     | 0.07 | 0.12 |
| Line 15 SE                | 1.15         | 0.01   | 3      | 0.03 | 0.04 |
| Line 16 SE                | 0.60         | 0.01   | 4      | 0.07 | 0.18 |
| Line 17 SE                | 0.50         | 0.04   | 12     | 0.17 | 0.45 |
| Line 18 SE                | 1.05         | 0.03   | 9      | 0.20 | 0.30 |
| Line 19 SE                | 1.70         | 0.08   | 72     | 2.72 | 6.05 |
| Line 20 SE                | 1.40         | 0.01   | 29     | 3.39 | 3.18 |
| Average over 110 m length | 1.42         | 0.42   | 425    | 1.65 | 2.15 |

- ◆ **Recommended work program includes:**
- ◆ **Drilling circa 2,200m core program in 5 or 6 holes into Colateral/Jesus Maria vein system**
- ◆ **Mapping and sampling La Lupita vein system**
- ◆ **Target timing: late 2014/early 2015 conditional on Namiquipa program, approvals, weather ...**





# SMI Capital Structure

(03 October 2014)

## Issued Capital

|               |          |        |
|---------------|----------|--------|
| Issued Shares |          | 146.6M |
| Options       | @\$0.08  | 24.4M  |
|               | @\$0.275 | 3.9M   |

|            |               |
|------------|---------------|
| Market Cap | <u>\$4.9M</u> |
|------------|---------------|

|                         |        |
|-------------------------|--------|
| Cash (incl receivables) | \$2.7M |
|-------------------------|--------|

|                   |        |
|-------------------|--------|
| Share investments | \$2.6M |
|-------------------|--------|

## Substantial Shareholders

|          |       |
|----------|-------|
| Primerio | 19.9% |
|----------|-------|

|                      |       |
|----------------------|-------|
| Permgold (N Seckold) | 19.9% |
|----------------------|-------|

|            |       |
|------------|-------|
| T&S Kahler | 13.6% |
|------------|-------|

|                         |      |
|-------------------------|------|
| Company 50 (T McDonald) | 6.5% |
|-------------------------|------|

# SMI Investment

- ◆ **Gold / Silver / Mexico**
- ◆ building on a solid base at **Namiquipa** – drilling October 2014 +
- ◆ **Cuitaboca** – promising opportunity – drilling 2014 – early 2015 +
- ◆ **Regional program** additional precious metal projects being identified +
- ◆ significant **backers** - each investment success in Mexico +
- ◆ **experienced management** in Mexico precious metals:
  - ◆ in discovery & development
  - ◆ in acquisition & growth and
  - ◆ in corporate & project realisation

[santanaminerals.com](http://santanaminerals.com)

ASX:SMI