



# MAG SILVER CORP

HIGH GRADE SILVER  
DISCOVERY & DEVELOPMENT



MAG: TSX / NYSE A  
MAGSILVER.COM

September 2019



# Cautionary / Forward Looking Statements

## MAG Silver Corp. is a Canadian issuer.

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- **Cautionary note to investors concerning estimates of Indicated and Inferred mineral resources.** This document uses the terms "Indicated Mineral Resources" and "Inferred Mineral Resources". MAG advises investors that although these terms are recognized and required by Canadian regulations (under National Instrument 43-101 Standards of Disclosure for Mineral Projects), the U.S. Securities and Exchange Commission does not recognize these terms. Investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into reserves. In addition, "Inferred Mineral Resources" have a great amount of uncertainty as to their existence. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. Under Canadian rules, estimates of Inferred Mineral Resources are considered too speculative geologically to have the economic considerations applied to them to enable them to be categorized as mineral reserves and, accordingly, Inferred Mineral Resources may not form the basis of feasibility or pre-feasibility studies, or economic studies except for a "Preliminary Economic Assessment" as defined under Canadian National Instrument 43-101. Investors are cautioned not to assume that part or all of an Inferred Mineral Resource exists, or is economically or legally mineable. Please see additional information on SEDAR and on EDGAR.
- This presentation is for information purposes only and is not a solicitation. Please contact the Company for complete information and consult a registered investment representative / advisor prior to making any investment decision.
- Note to U.S. Investors: Investors are urged to consider closely the disclosure in our Form 40F, File # 001-33574, available at our office: Suite 770-800 West Pender, Vancouver BC, Canada, V6C 2V6 or from the SEC: 1(800)-SEC-0330. The Company may access safe harbor rules.
- Investors are urged to consider closely the disclosures in MAG Silver's annual and quarterly reports and other public filings, accessible through the Internet at [www.sedar.com](http://www.sedar.com) and [www.sec.gov/edgar/searchedgar/companysearch.html](http://www.sec.gov/edgar/searchedgar/companysearch.html)
- "AISC" means All-in sustaining costs. The projected AISC was calculated by the authors of the 2017 PEA at a cost of \$5.02/Ag by summing life of mine offsite and operating costs, taxes, duties and royalties and sustaining capital, all net of by-product revenues, and dividing the resulting total by the total payable ounces of silver projected to be produced over the life of mine. AISC is not a recognized measure under IFRS and this projected financial measure may not be comparable to AISC metrics presented by other silver producers.

# Directors and Management

## Directors

Jonathan Rubenstein

- Board Chair

Peter Barnes

- Former CEO Silver Wheaton

Richard Clark

- Former CEO Red Back Mining

Jill Leversage

- Former Managing Director,  
Highland Capital

Dan MacInnis

- Former CEO MAG Silver

Derek White

- Former CEO KGHM (International)

## Management

**George Paspalas**

- President, CEO and Director

**Larry Taddei**

Chief Financial Officer (CFO)

**Dr. Peter Megaw**

Chief Exploration Officer (CXO)

**Michael Curlook**

- Vice President, Investor Relations & Comm.

**Marc Turcotte**

- Vice President, Business Development

**Lyle Hansen**

Director, Geoscience

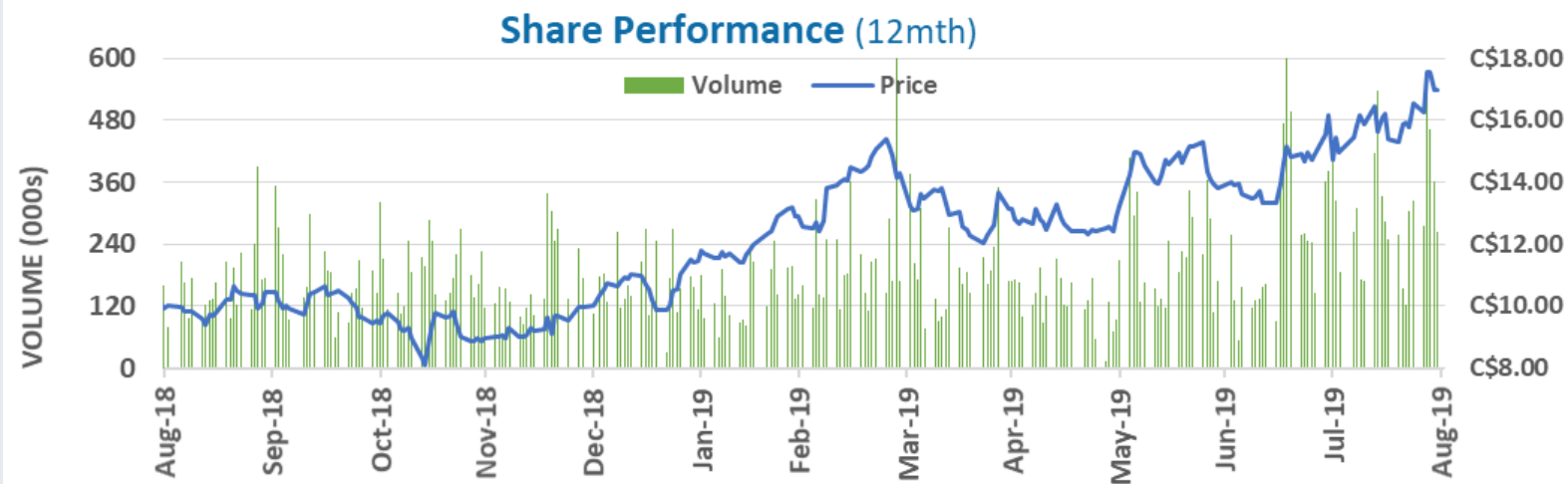
**Melanie Jenkins**

Manager, Corporate Social Responsibility

**Rubi Lapiz** - Controller

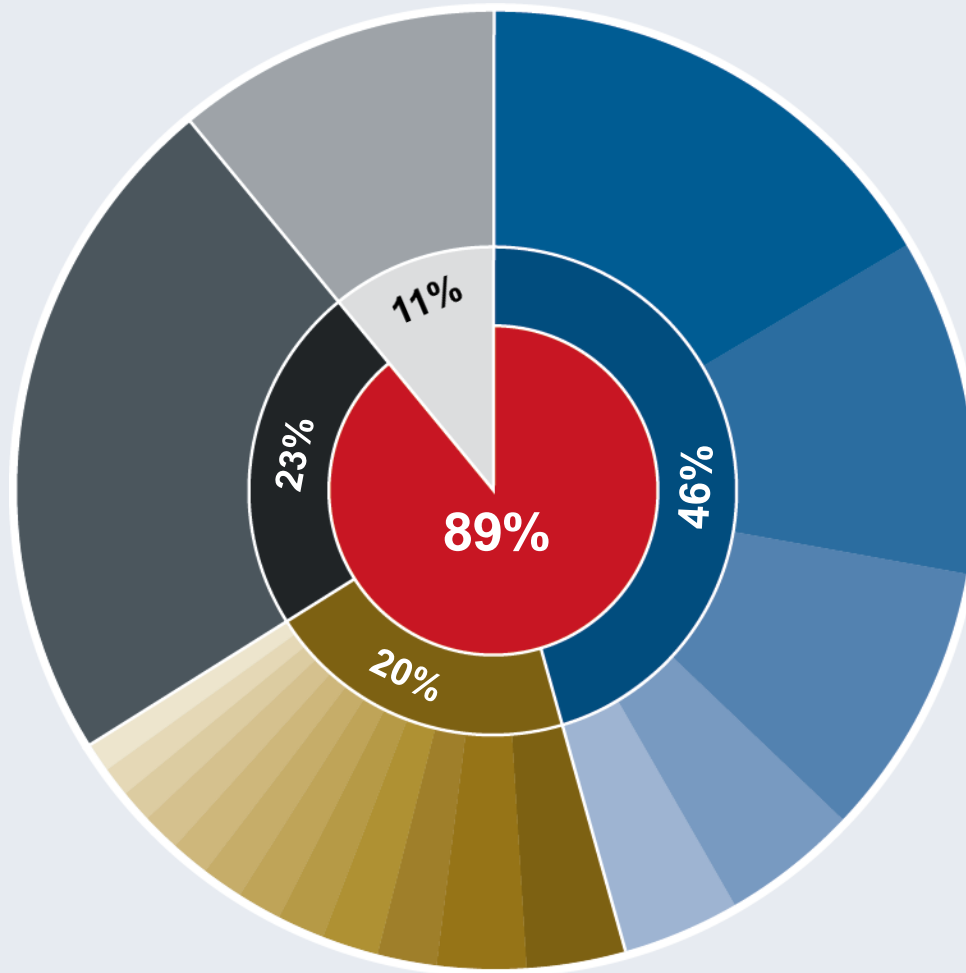
# Analyst Coverage & Targets

Firm	Analyst	Target (C\$)
ROTH Capital Partners	Joe Reagor	\$29.31
H.C. Wainwright	Heiko Ihle	\$24.65
Scotia Capital	Trevor Turnbull	\$23.98
Alliance Global Partners	Bhakti Pavani	\$23.32
National Bank Financial	Don Demarco	\$20.00
Canaccord Genuity	Kevin MacKenzie	\$19.50
PI Financial	Chris Thompson	\$19.00
TD Securities	Daniel Earle	\$18.00
Raymond James	Tara Hassan	\$17.75
Cormark Securities	Tyron Breytenbach	\$17.50
BMO Capital Markets	Ryan Thompson	\$17.50
Average Target Price:		\$20.95



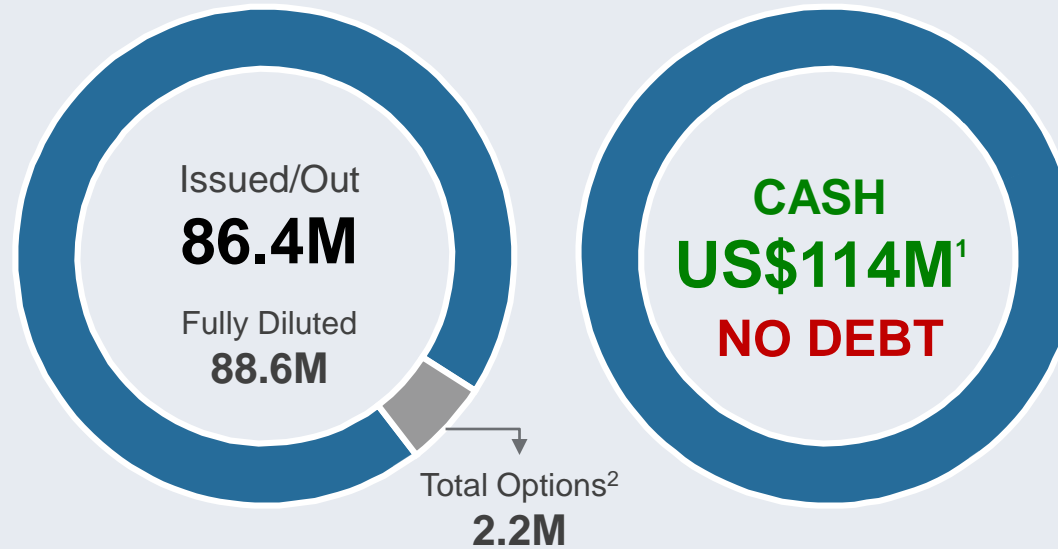




# Major Shareholders – Holding > 1%



BlackRock Investment Mgmt	16.5%
Fresnillo PLC	11.4%
Tocqueville Asset	9.3%
Van Eck Associates	4.6%
Equinox Partners	4.0%
First Eagle Investment Mgmt	3.3%
Merian Global Investors	3.0%
BMO Asset Mgmt	2.0%
Gilder, Gagnon, Howe & Co.	1.9%
Mirae Asset / Global X	1.6%
Sprott Asset Mgmt	1.5%
Franklin Advisers	1.4%
Fidelity Investments	1.3%
RBC Global Asset Mgmt	1.3%
JP Morgan Asset Mgmt	1.1%
Texas Teachers RS	1.0%
Morgan Stanley & Co. LLC	1.0%
Institutions <0.9M shares	23%
<b>Total Institutions</b>	<b>89%</b>
<b>Retail &amp; Float</b>	<b>11%</b>

# MAG: TSX / NYSE A



	 CAD	 USD
Market Cap	\$1.5 Billion	\$1.1 Billion
Recent	\$17.50	\$13.00
52 wk L/H	\$8.10 - \$18.60	\$6.12 - \$14.00
Daily AVG Vol	181,743	303,934

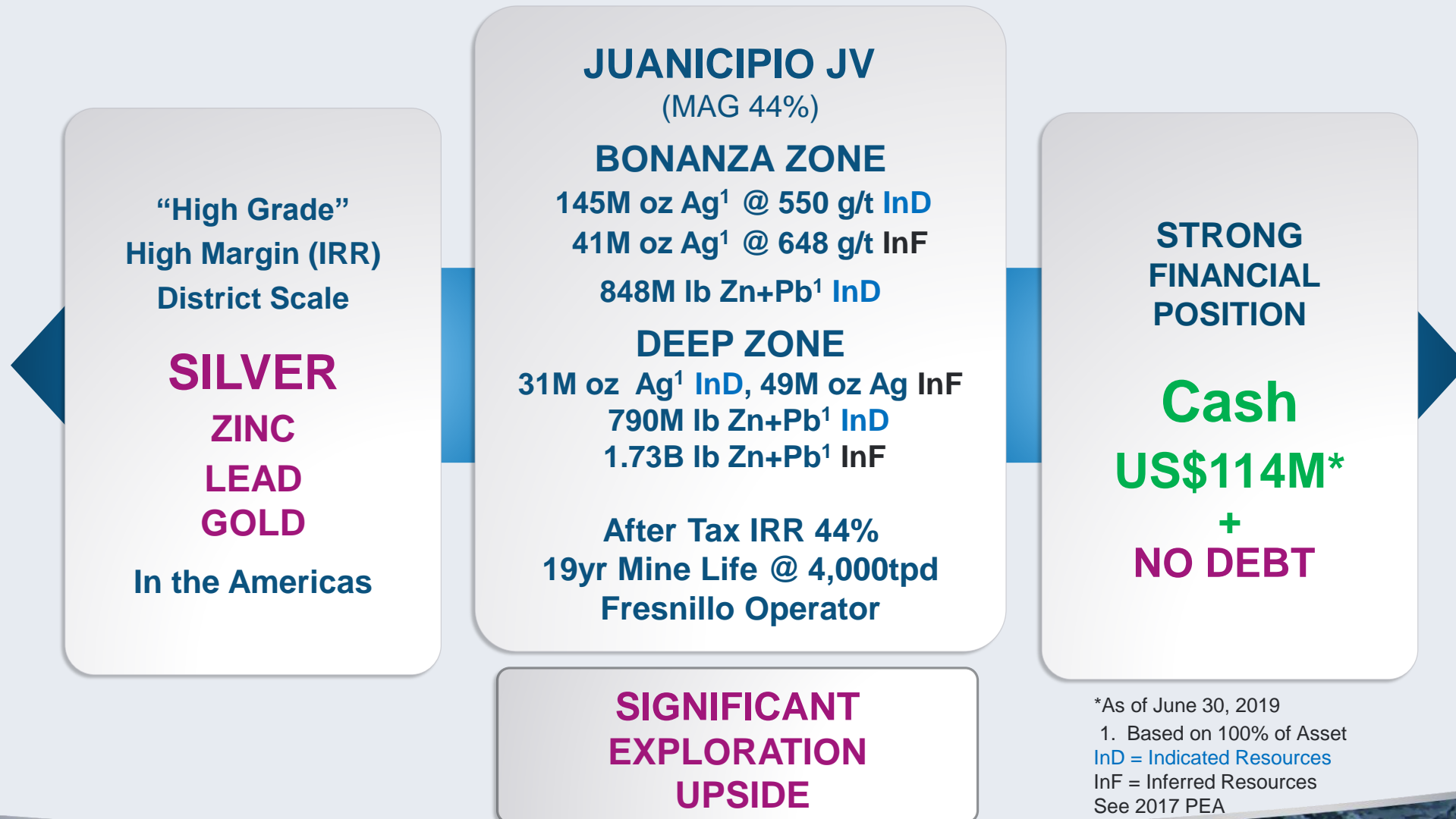
*I think MAG is one of the best pure silver stories out there."*

– *The Gold Report* Interview with John Hathaway, Sprott/Tocqueville

1. Share information as of June 30, 2019; Cash at June 30, 2019
2. Includes PSU, RSU & DSU's = 815,004

# MAG Silver

## Discovery & Development



\*As of June 30, 2019

1. Based on 100% of Asset

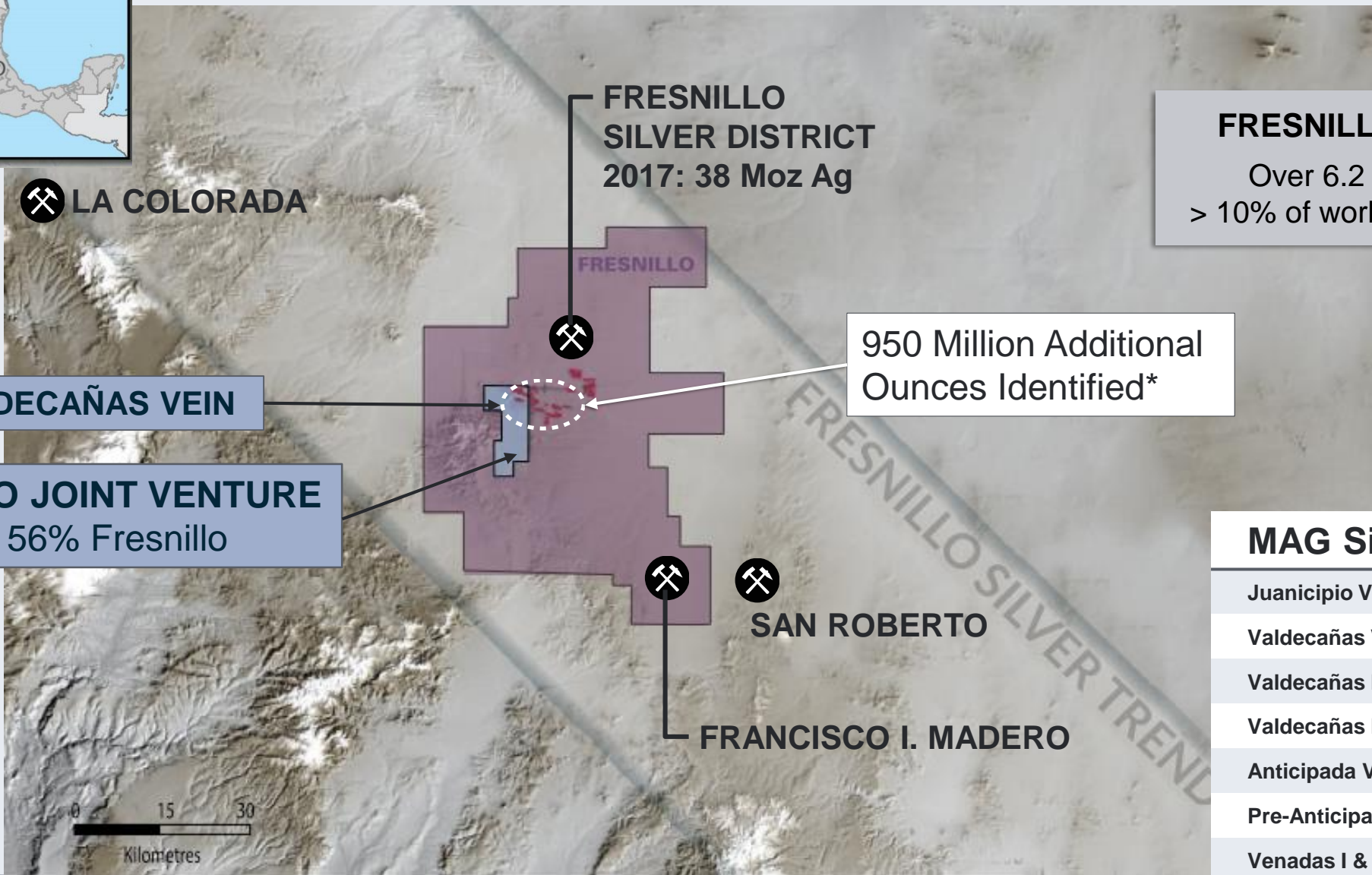
InD = Indicated Resources

InF = Inferred Resources

See 2017 PEA



# Fresnillo Silver District – One of a Kind



## FRESNILLO SILVER TREND

Over 6.2 Billion oz of Silver  
> 10% of world historical production

## MAG Silver Success

Juanicipio Vein*	2003
Valdecañas Vein* (Bonanza Zone)	2006
Valdecañas Deep Zone West*	2015
Valdecañas Deep Zone East*	2016
Anticipada Vein*	2017
Pre-Anticipada Vein	2019
Venadas I & Venadas II Veins	2019



# MAG Silver Resources (as at Oct 21, 2017)

## Bonanza and Deep Zone

Zone	Resource Category	Tonnes (Mt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	Metal Contained in Resource				
								Ag (Moz)	Au (Koz)	Pb (Mlb)	Zn (Mlb)	Cu (Mlb)
Bonanza Zone	Indicated	8.2	550	1.9	1.6	3.1	0.1	145	509	294	554	14
	Inferred	2.0	648	0.8	1.3	2.8	0.1	41	52	58	123	3
Deep Zone	Indicated	4.7	209	2.4	3.0	4.7	0.2	31	359	304	486	24
	Inferred	10.1	151	1.6	2.7	5.1	0.3	49	510	601	1,129	69

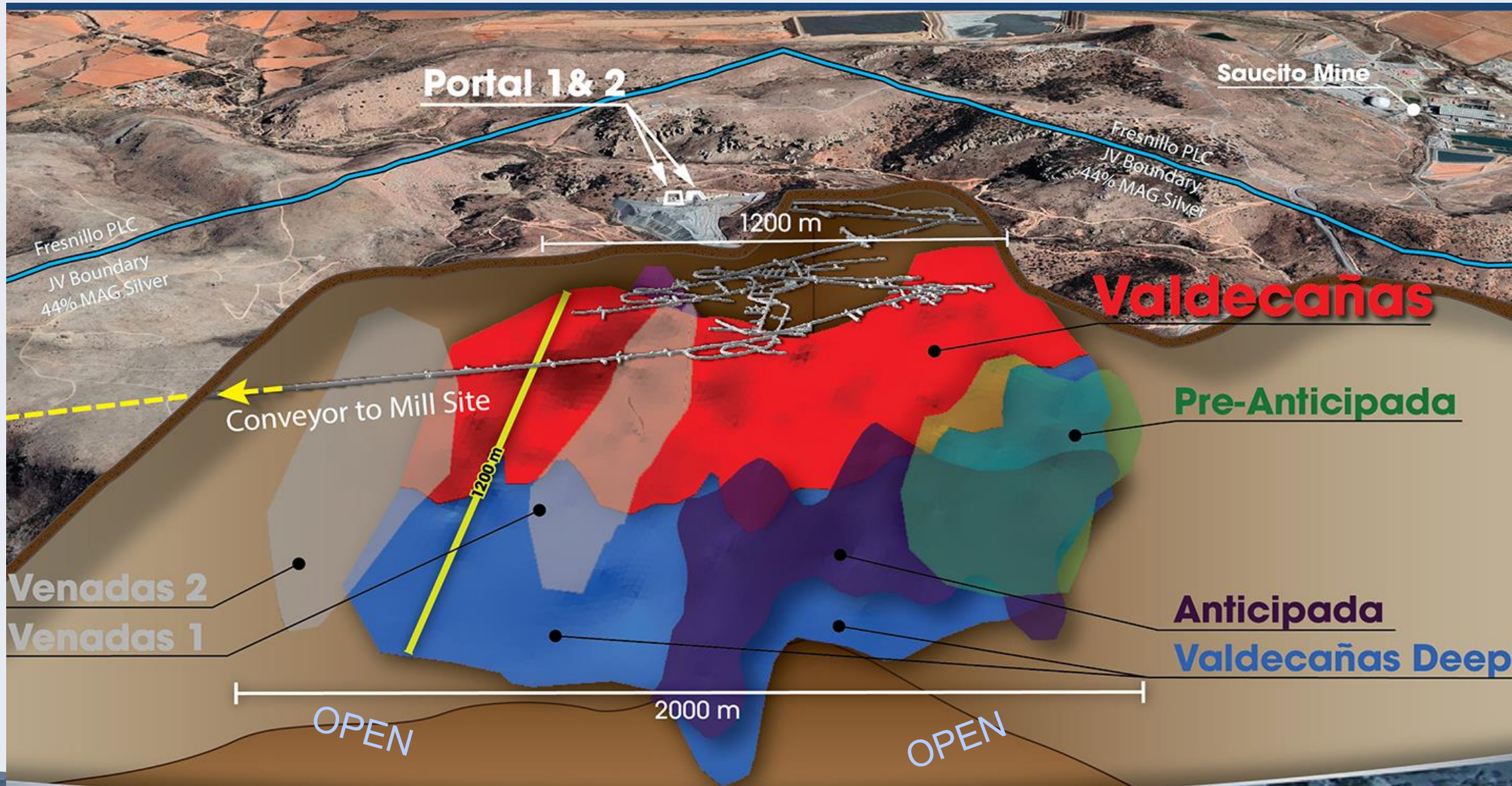
## Global Resource

Resource Category	Tonnes (Mt)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Cu (%)	Metal Contained in Resource				
							Ag (Moz)	Au (Koz)	Pb (Mlb)	Zn (Mlb)	Cu (Mlb)
Indicated	12.8	427	2.1	2.1	3.7	0.1	176	867	598	1041	38
Inferred	12.1	232	1.4	2.5	4.7	0.3	91	562	658	1252	71

As per 2017 PEA

# Valdecañas Vein

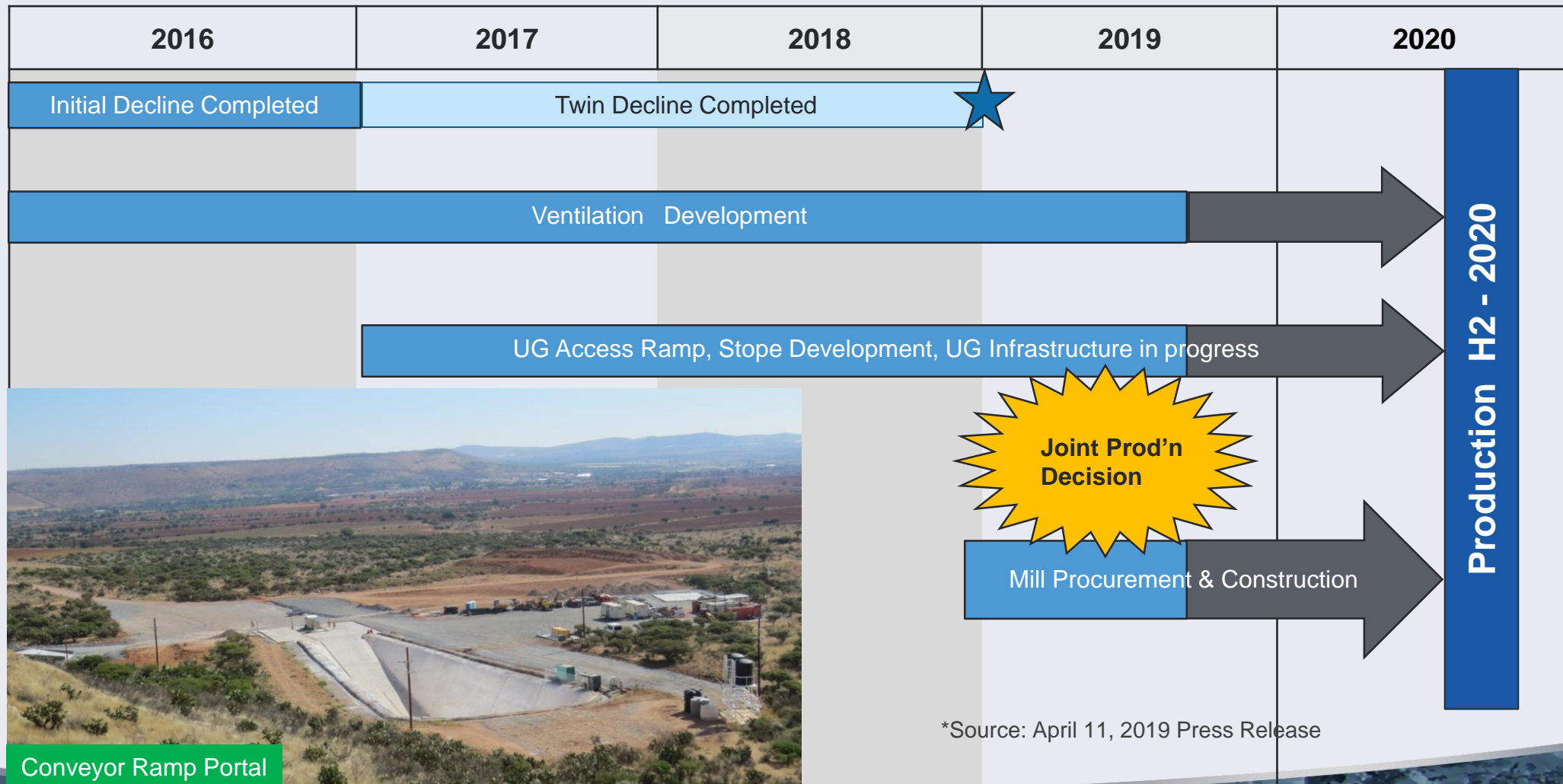
Bonanza, Deep and Dilatant Zones, Anticipada & Pre-Anticipada Veins





# Juanicipio Development & Production Timetable

As of Jan 1, 2018 **Total Capex \$US 395M** (MAG 44% = \$US 173.8)\*



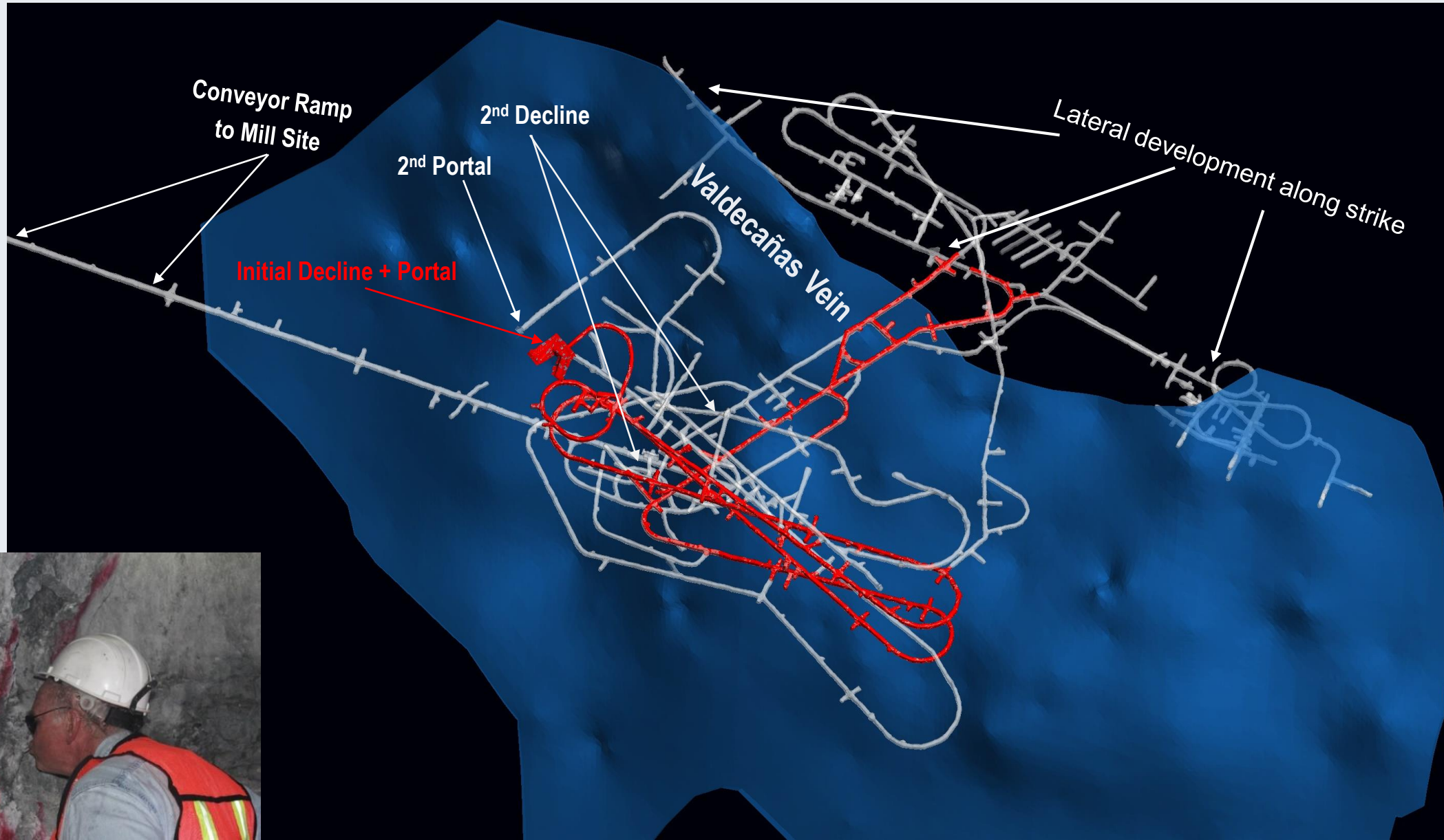
19 year LOM / 4,000 tpd		Unit	Value	Average 1st Six Years
Silver price		USD /oz	\$17.90	
Gold price	<b>BASE</b>	USD /oz	\$1,250	
Lead price	<b>CASE</b>	USD /lb	\$0.95	
Zinc price		USD /lb	\$1.00	
Payable Silver Metal		<b>M oz</b>	183	<b>17</b>
Payable Gold Metal	<b>100 %</b>	<b>K oz</b>	747	<b>44</b>
Payable Lead Metal	<b>BASIS</b>	<b>M lb</b>	812	<b>31</b>
Payable Zinc Metal		<b>M lb</b>	1,327	<b>54</b>
Operating Costs (Total)		USD / t ore	\$58.67	
All In Sustaining Cost (AISC) / Ag Oz		USD /oz Ag	\$5.02	
<b>Cashflow (post-tax)</b>		<b>USD (M)</b>	\$1,995	<b>\$164 / Yr</b>
Pre-tax IRR		%	64.5%	
Post-tax IRR		%	<b>44.5%</b>	
Pre-tax NPV (\$US Mill) @ 5%		USD (M)	\$1,860	
Post-tax NPV (\$US Mill) @ 5%		USD (M)	\$1,138	

As per 2017 PEA



# Underground Development

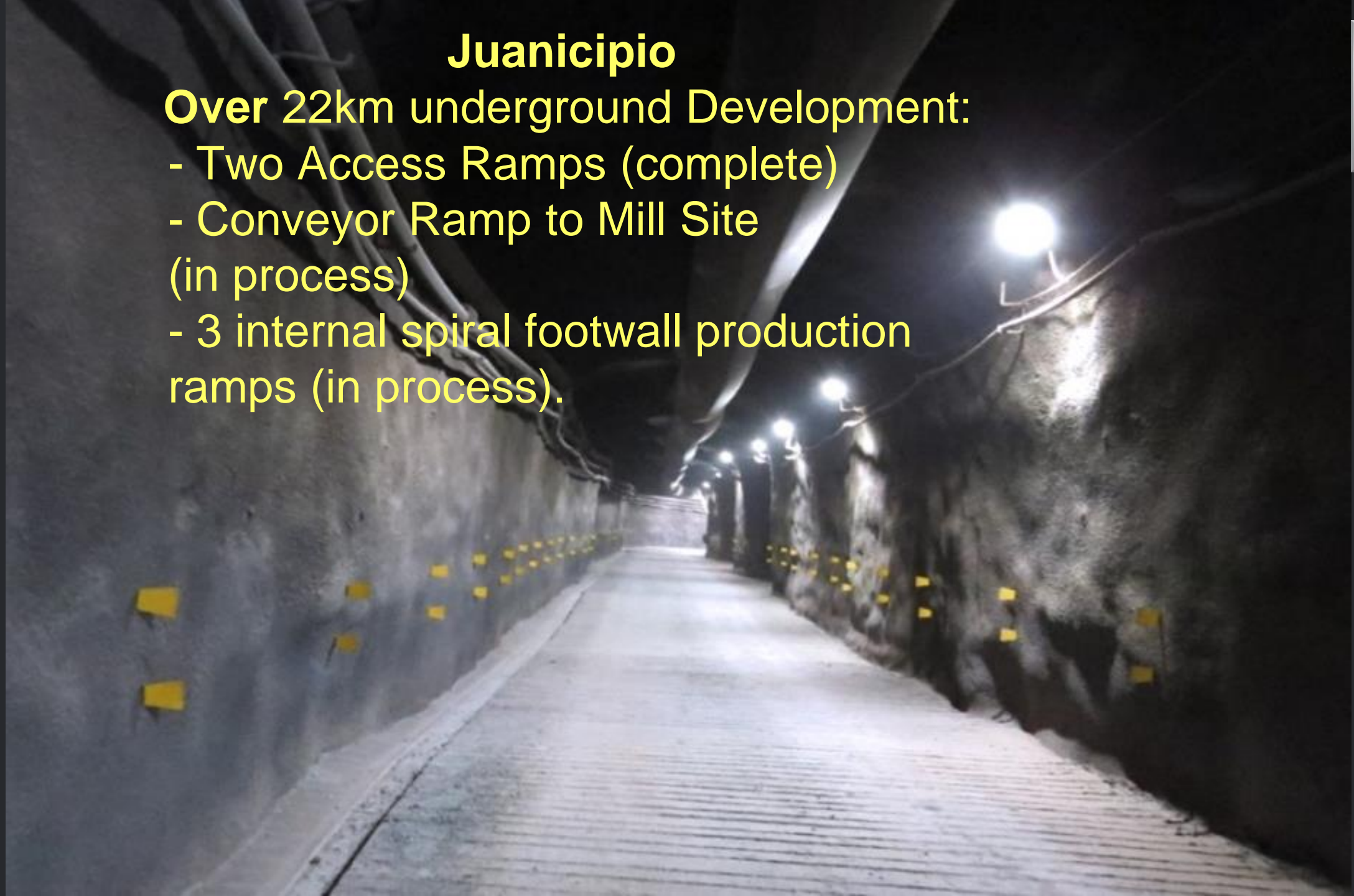
Over 22km and counting...



## Juanicipio

**Over 22km underground Development:**

- Two Access Ramps (complete)
- Conveyor Ramp to Mill Site (in process)
- 3 internal spiral footwall production ramps (in process).





# Juanicipio JV Portal & Ramp Development Waste





# Conveyor Portal at Plant Site



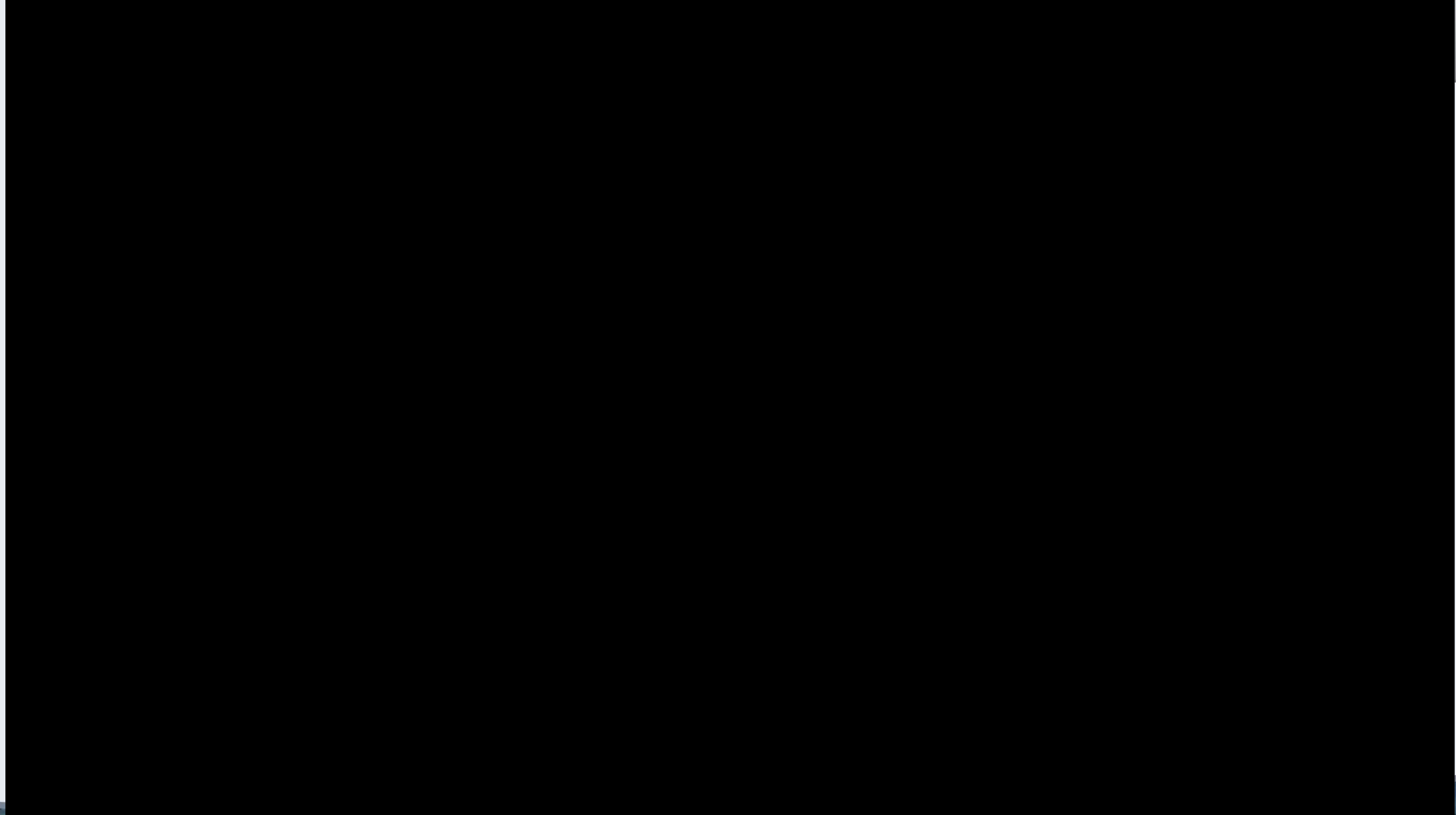


# Juanicipio: Conveyor Ramp Portal & Plant Site



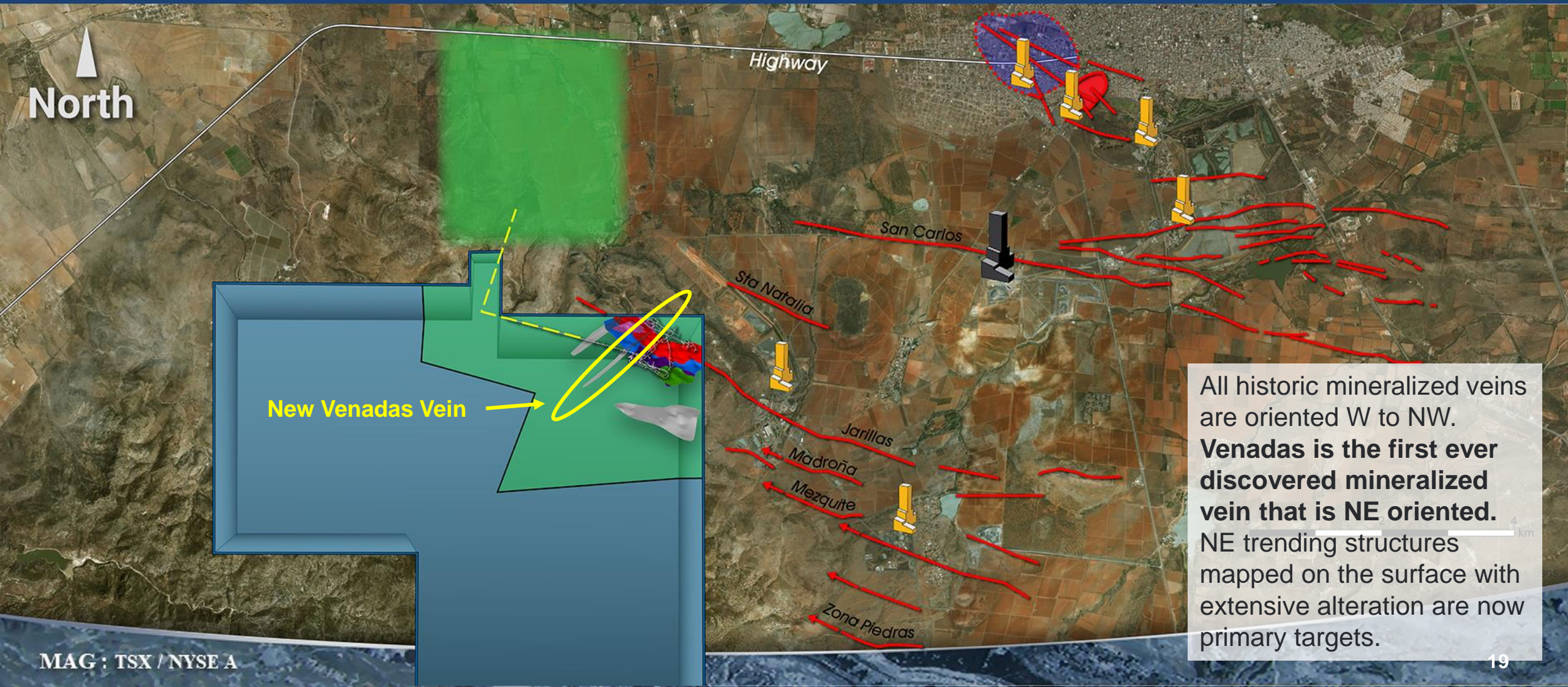
# Juanicipio Video

M  
A  
G



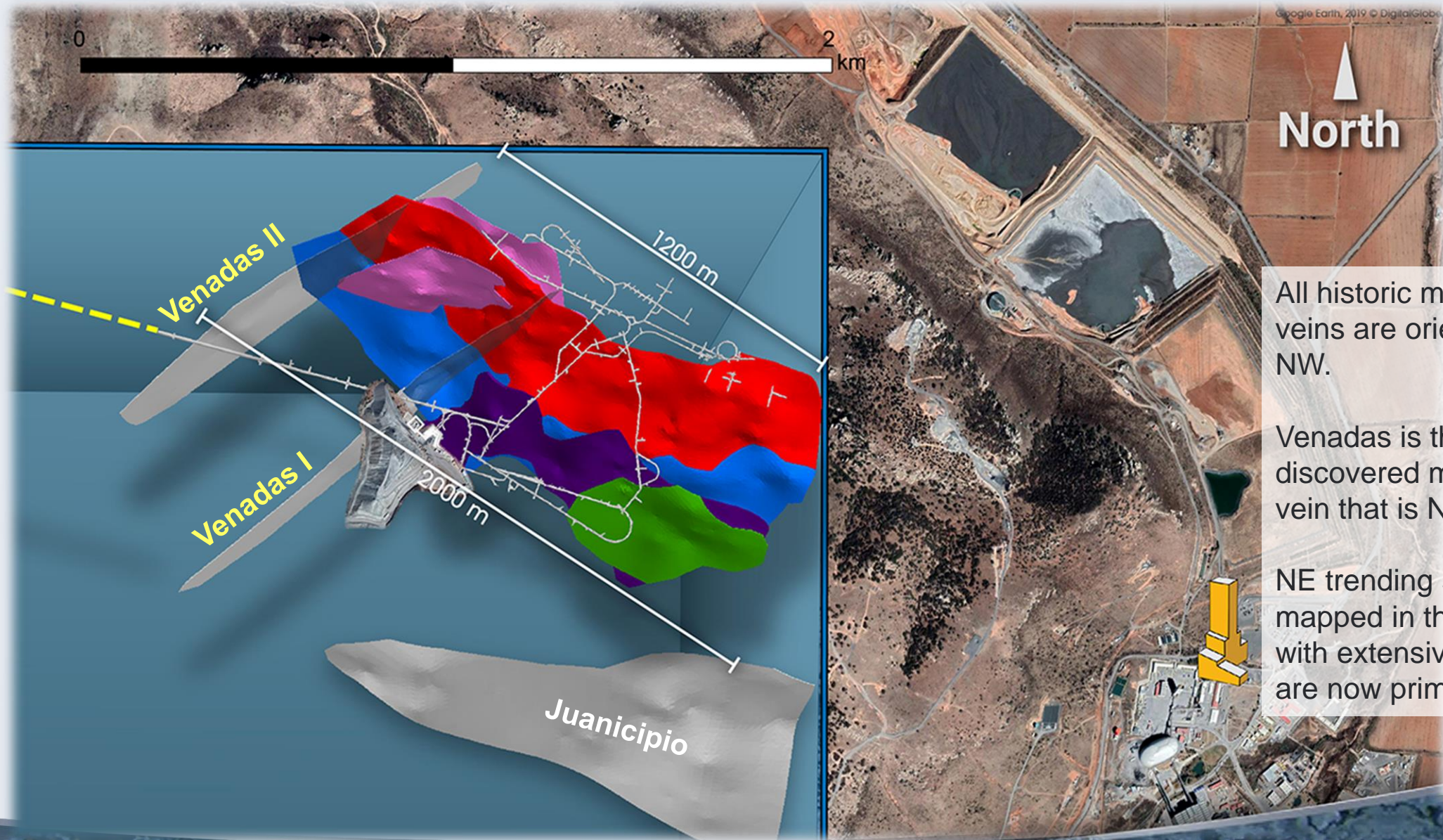


# NEW DISCOVERY! – NE Oriented “Venadas Vein”





# NEW DISCOVERY! – NE Oriented “Venadas Veins”



All historic mineralized veins are oriented W to NW.

Venadas is the first ever discovered mineralized vein that is NE oriented.

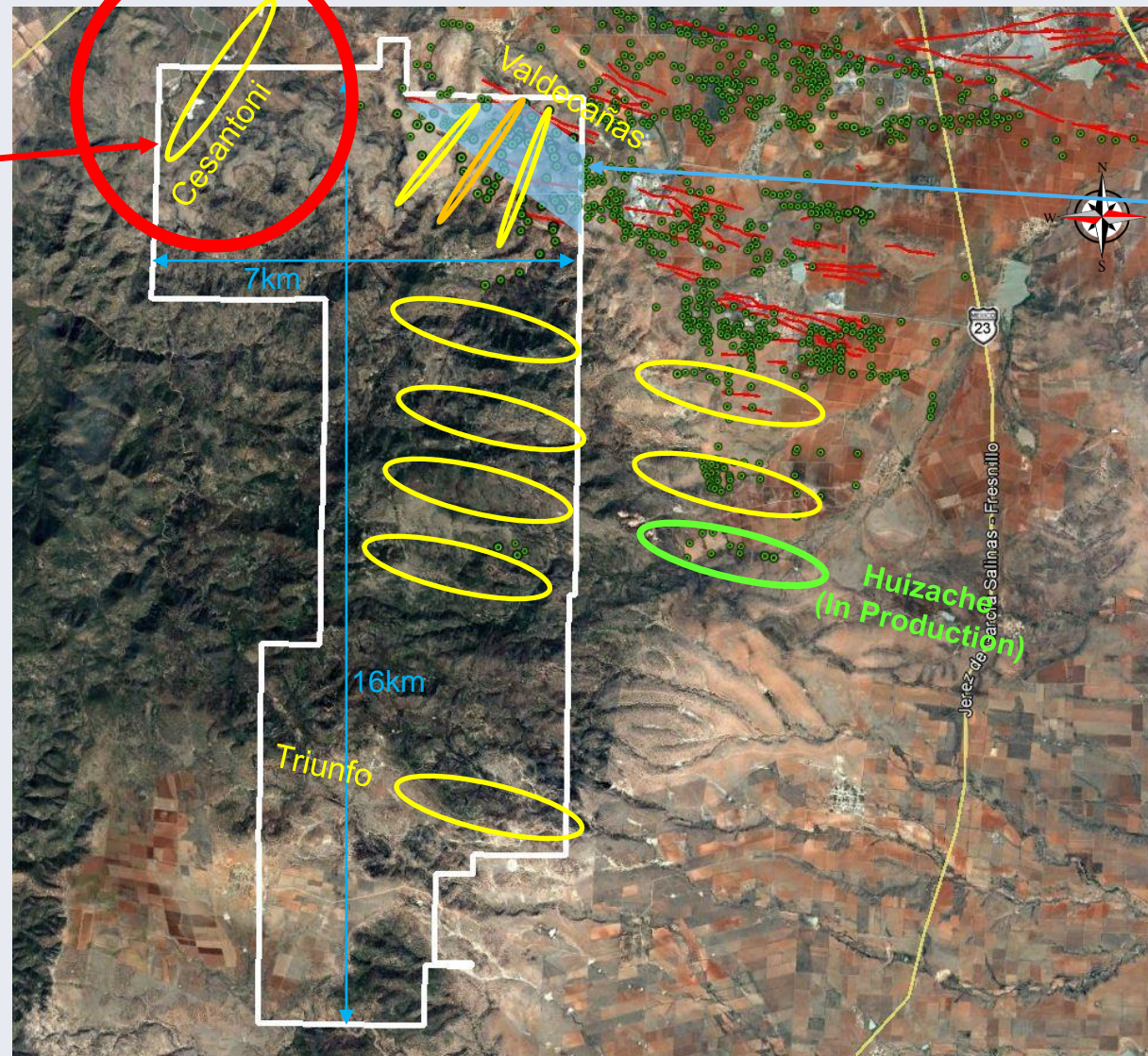
NE trending structures mapped in the surface with extensive alteration are now primary targets.



# Juanicipio Area: Identified Structures

**CESANTONI**

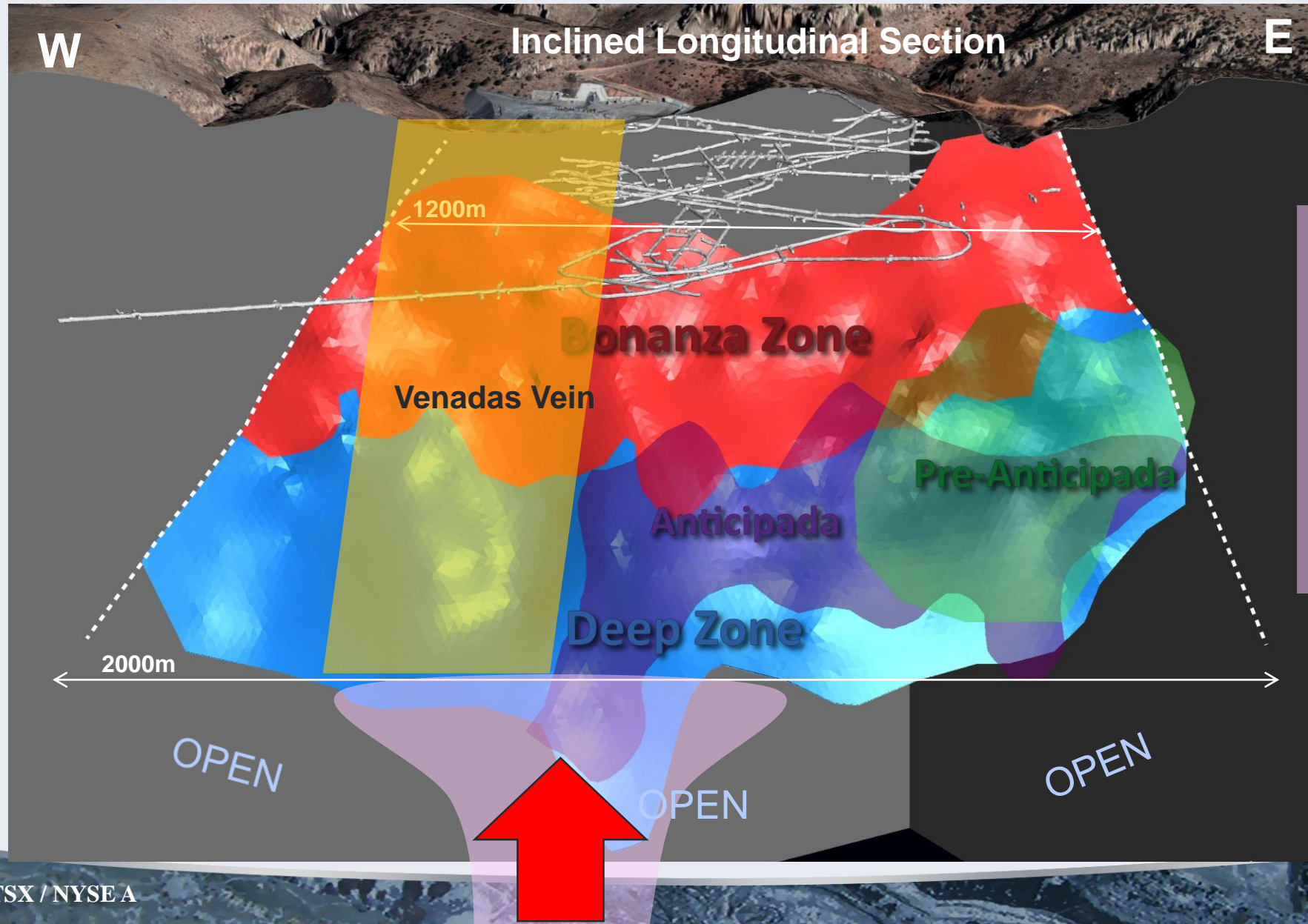
Kaolinite Mines  
25 yrs production  
NE-Trend  
Silicification  
Geochem



Work area within  
the claim



# Valdecañas Vein: Ore Fluid Upwelling Zone



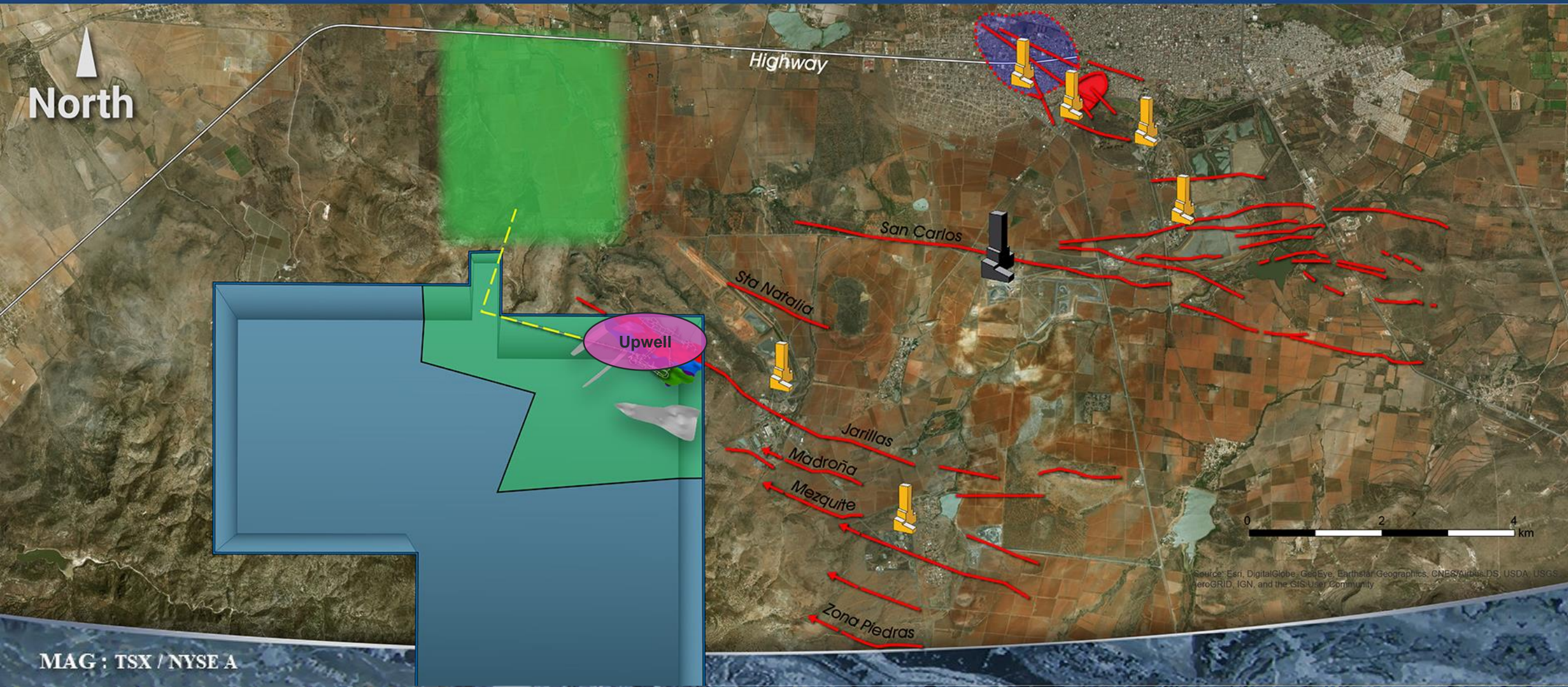
## Upwelling Zone FEATURES

- Structural Intersection
- Funnel-shaped Skarn
- High Copper
- High Boron



# Juanicipio Ore Fluid Upwelling Zone

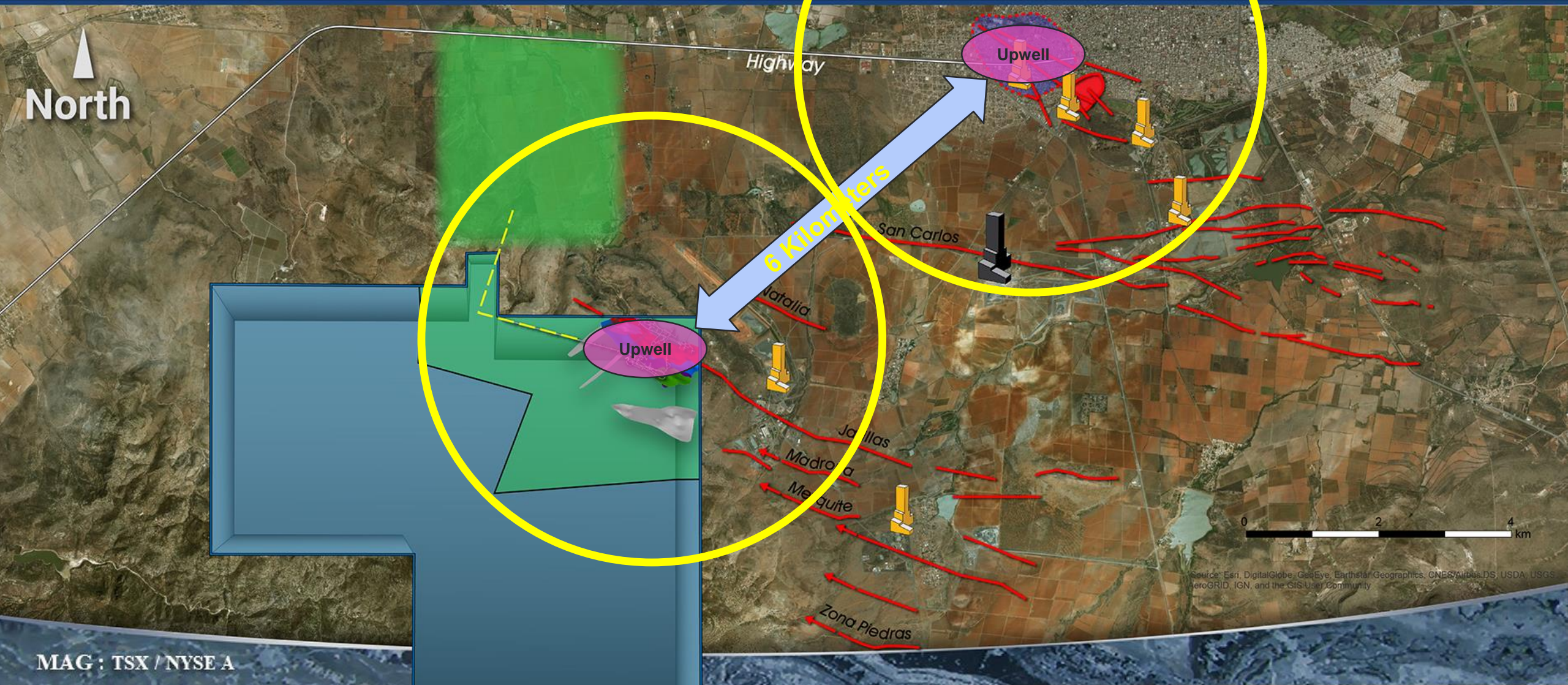
## *Unique?*





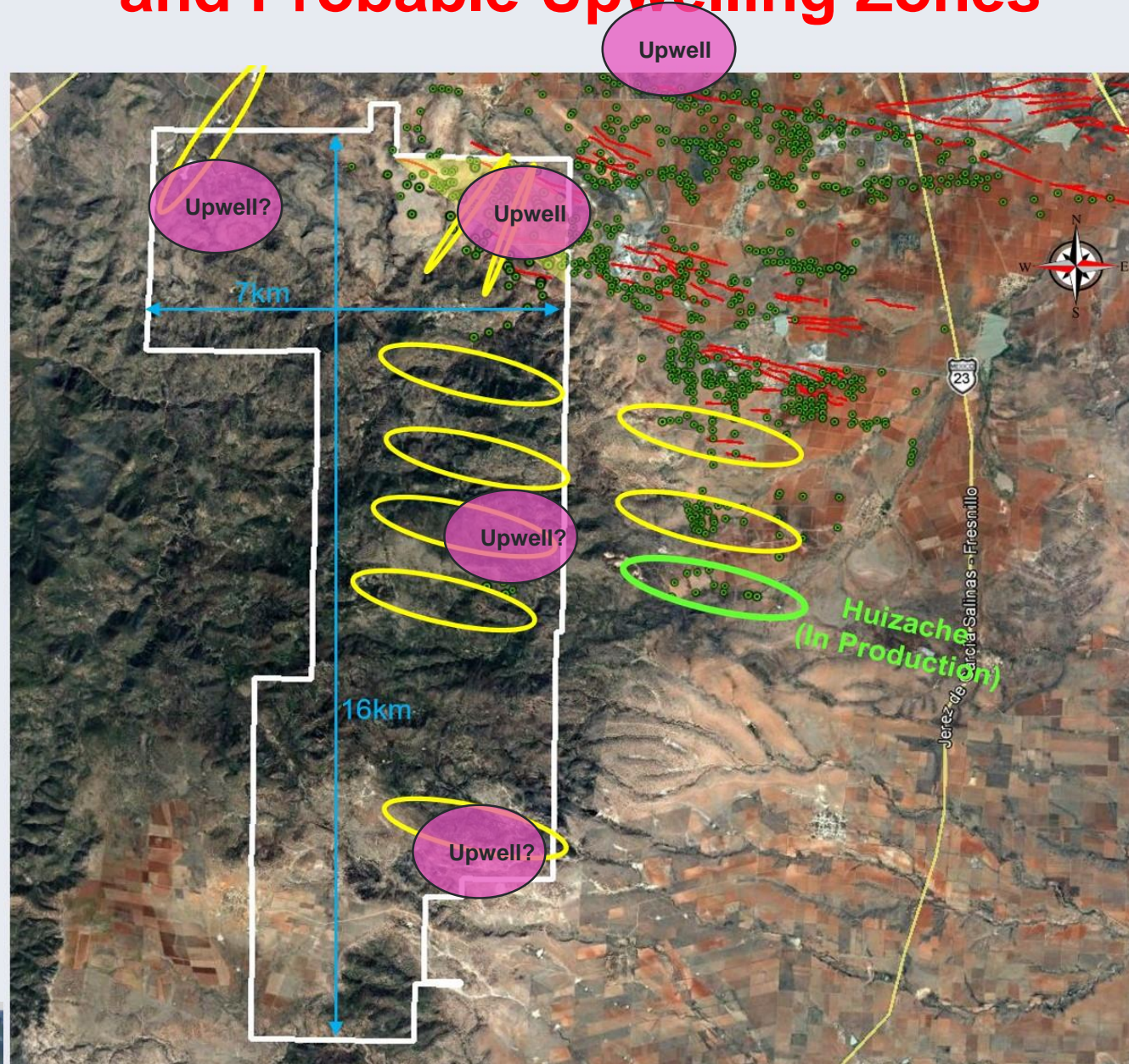
# Juanicipio Ore Fluid Upwelling Zone

*Unique?*



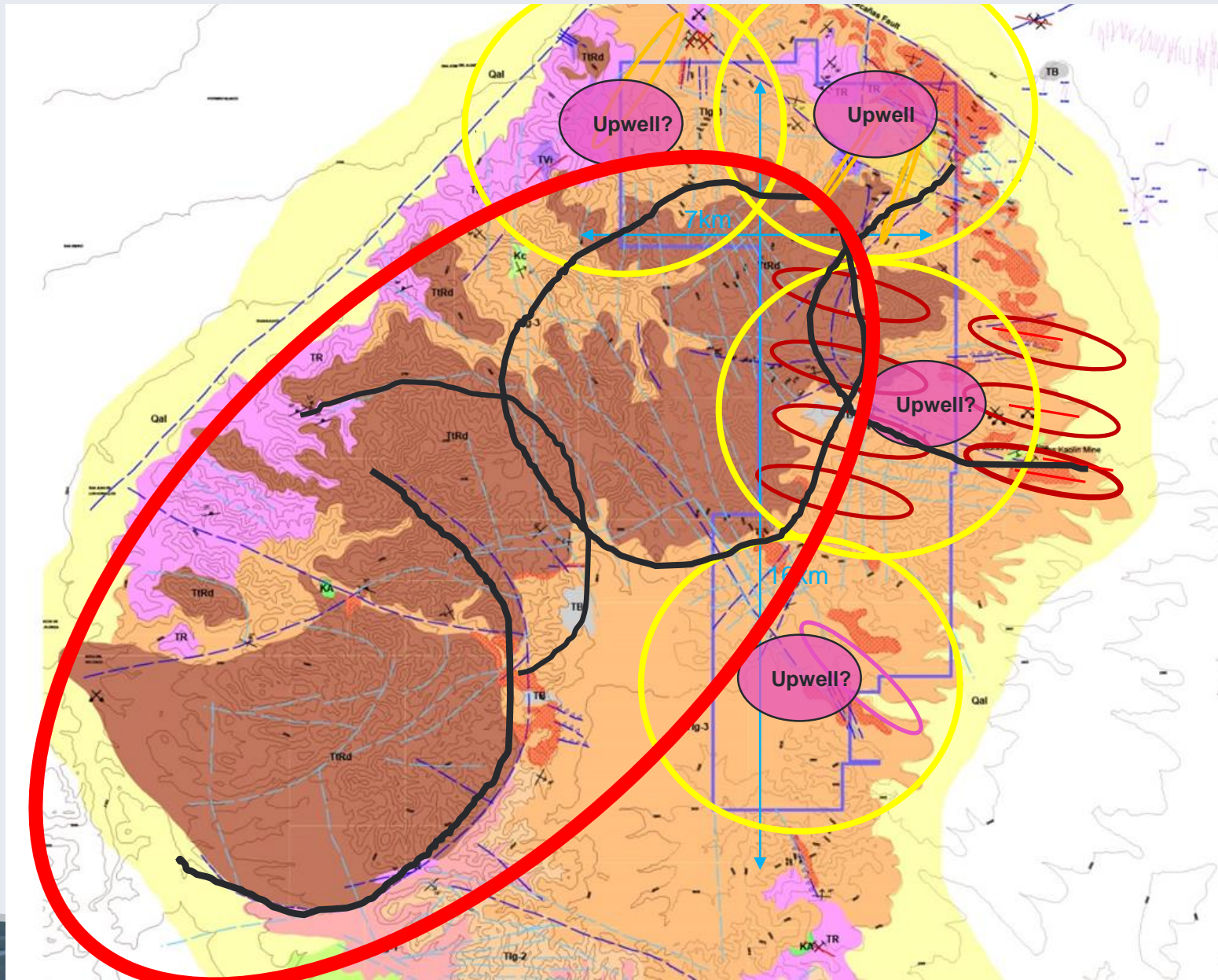


# Juanicipio Area: Identified Structures and Probable Upwelling Zones





# Sierra Valdecañas: Identified Volcanic Centers = Long-Lived Composite Magmatic Center



Mapping by  
Megaw & Ramirez  
1999-2001



# Juanicipio Project Takeaways

High-Grade, District Scale

US\$114M + NO DEBT\*

Production Q4 - 2020

**Significant Exploration Potential**

Valdecañas Vein

North/South Structures - Cesantoni

Upwelling Fluid Zones\*

\*As of June 30, 2019

\*Forward Looking