



A 2020  
TSX VENTURE 50™  
COMPANY

TSX.V: KTN  
OTC: KOOYF

# SILVER IN MEXICO

CORPORATE PRESENTATION | FEBRUARY 2021

# FORWARD LOOKING STATEMENTS

This presentation may contain “forward-looking statements” with the meaning of Canadian securities legislation. These statements can be identified by the use of words such as “expected”, “may”, “will” or similar terms.

Forward-looking statements are necessarily based upon a number of factors and assumptions that, while considered reasonable by Kootenay as of the date of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Many factors, known and unknown, could cause actual results to be materially different from those expressed or implied by such forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date made. Except as otherwise required by law, Kootenay expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any such statements to reflect any change in Kootenay’s expectations or any change in events, conditions or circumstances on which any such statement is based.

Cautionary Note to US Investors: This presentation may contain information about adjacent properties on which we have no right to explore or mine. We advise U.S. investors that the SEC’s mining guidelines strictly prohibit information of this type in documents filed with the SEC. U.S. investors are cautioned that mineral deposits on adjacent properties are not indicative of mineral deposits on our properties. This presentation may contain forward-looking statements including but not limited to comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, etc. Forward-looking statements address future events and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements.

## **QUALIFIED PERSON STATEMENT**

The Kootenay technical information in this presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 (Standards of Disclosure for Mineral Projects) and reviewed and approved on behalf Kootenay by James McDonald, P.Geo, President, CEO & Director for Kootenay, a Qualified Person.

## **CAUTION TO U.S. INVESTORS CONCERNING MEASURED, INDICATED or INFERRED RESOURCES**

We advise U.S. investors that while the terms “measured resources”, “indicated resources” and “inferred resources” are recognized and required by Canadian regulations, the U.S. Securities and Exchange Commission does not recognize these terms. U.S. investors are cautioned not to assume that any part or all of the material in these categories will be converted into reserves. It should not be assumed that any part of an inferred mineral resource will ever be upgraded to a higher category.

- ✓ EXCELLENT LEVERAGE TO SILVER
  - Over 144Moz Silver Eqv. (M&I)\* and 35.7Moz Silver Eqv. (Inf.)
  
- ✓ SUCCESSFUL DISCOVERY TRACK RECORD
  - La Cigarra, Promontorio, La Negra, Columba, Copalito, Cervantes
  
- ✓ FOCUSED ON ADDING QUALITY OUNCES
  - Columba & Copalito: Targeting High-grade Resources
  - La Negra: Resource Work Advancing
  - La Cigarra: Geological Modeling Underway
  
- ✓ SUCCESSFUL GENERATIVE PORTFOLIO
  - Exploration Ongoing on Optioned Properties with JV on Cervantes

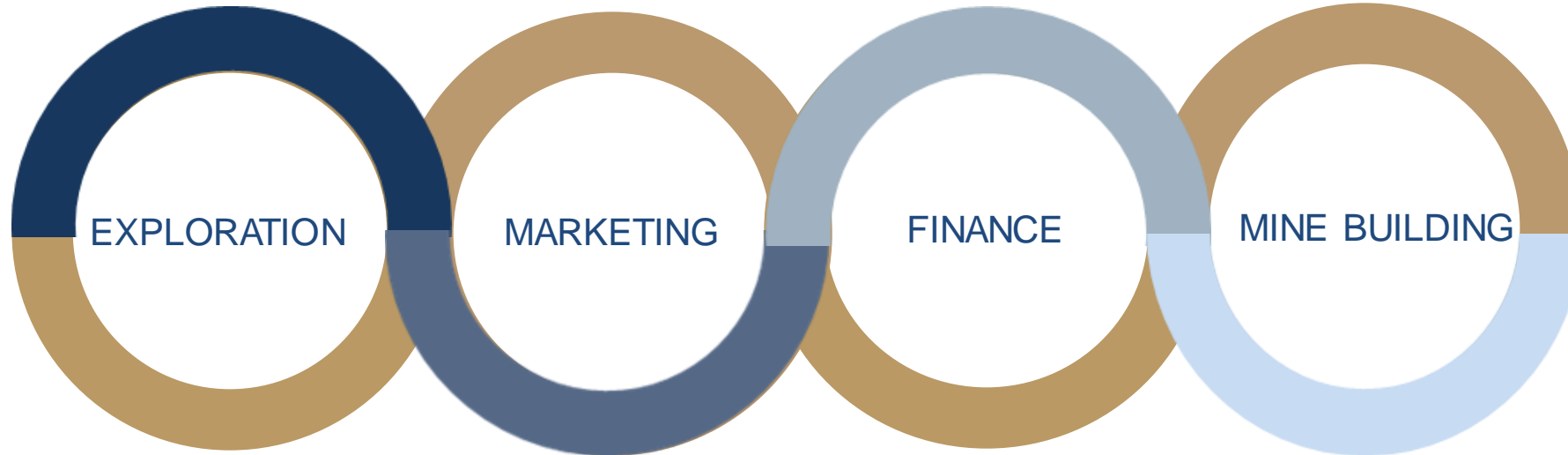
\* Full Resource Tables for La Cigarra and Promontorio can be found in the Appendix to this presentation.

# CAPITAL STRUCTURE

Exchange (Tier 1)	TSX.V: KTN; USOTC: KOOYF
Issued & Outstanding <sup>(1)</sup>	318,384,825
Options	13,695,000
Warrants (TSX.V: KTN.WT)	103,145,806
Current Market Cap <sup>(1)</sup>	~C\$133.76M
KTN (shares 52-week High/Low)	C\$0.54/\$0.115
Average Daily Volume <sup>(1)</sup>	1,113,920 (average daily volume last 3 months)
Cash Position	~C\$10.4M (as at Dec. 16, 2020)
KTN.WT (52 week High/Low)	C\$0.19/\$0.035
Average Daily Volume <sup>(1)</sup>	89,728 (average daily volume last 3 months)
Key Shareholders	Eric Sprott (10.9%), Condire (9%)
	Management & Directors (6%)
Majors who have invested	Coeur Mining, Agnico Eagle, Pan American Silver

(1) As of Feb 1, 2021 (M.Cap. calculated @ C\$0.42 per share)

*“FROM DISCOVERY TO PRODUCTION”*



**James McDonald, P. Geo**  
**President, CEO & Director**  
(Formerly Alamos Gold)

**Dr. Tom Richards, BSc, Ph.D.**  
**V.P. Exploration**  
(Formerly Mansfield, Geo. Survey of Canada, Ind. Geologist with Teck, Newmont)

**Ken Berry, Chairman**  
**President & CEO of**  
Northern Vertex Mining

**Tiziano Romagnoli**  
**Advisor**  
(Formerly BMO Nesbitt Burns in Geneva)

**Raj Kang, CFO**  
(Formerly CFO Salares)

**Jon Morda, Director**  
(Formerly CFO Alamos)

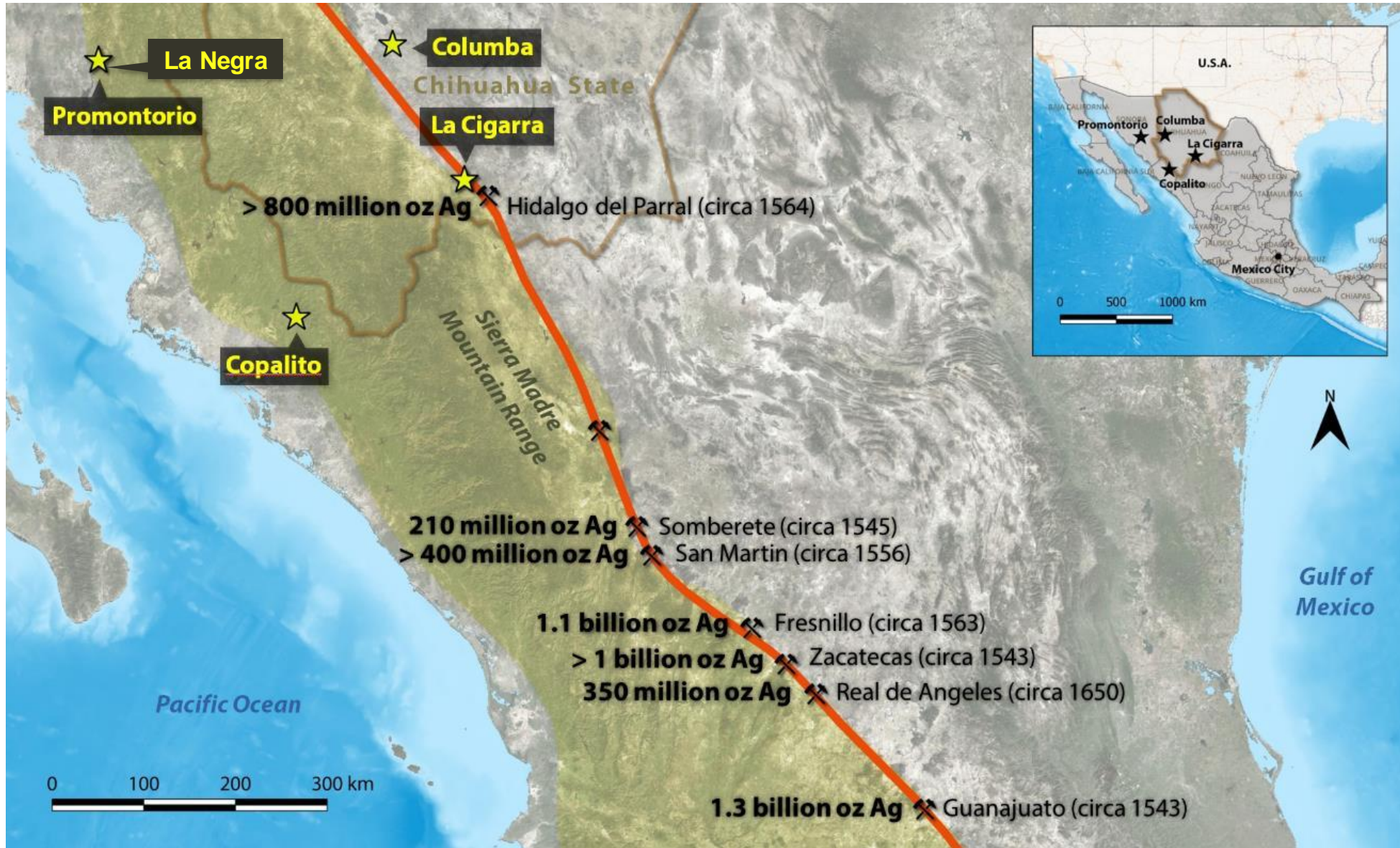
**Tony Reda, Director**  
CEO of Tectonic Metals  
(Formerly of Kaminak Gold)

**Andrea Zaradic, P. Eng. Director**  
(Formerly Diamet)

**Brian Groves, Director**  
(Formerly Placer Dome)



# PRIMARY SILVER ASSETS





## Project Background:

- Former producing mine - 70k to 100k tonnes of estimated production
- Historic\* mine records document high-grades from underground workings
- 10+ kilometers of vein strike exposed on surface with high silver grades

## Drill highlights (2019 & 2020) confirm high grade potential - (84 holes over 15,900m):

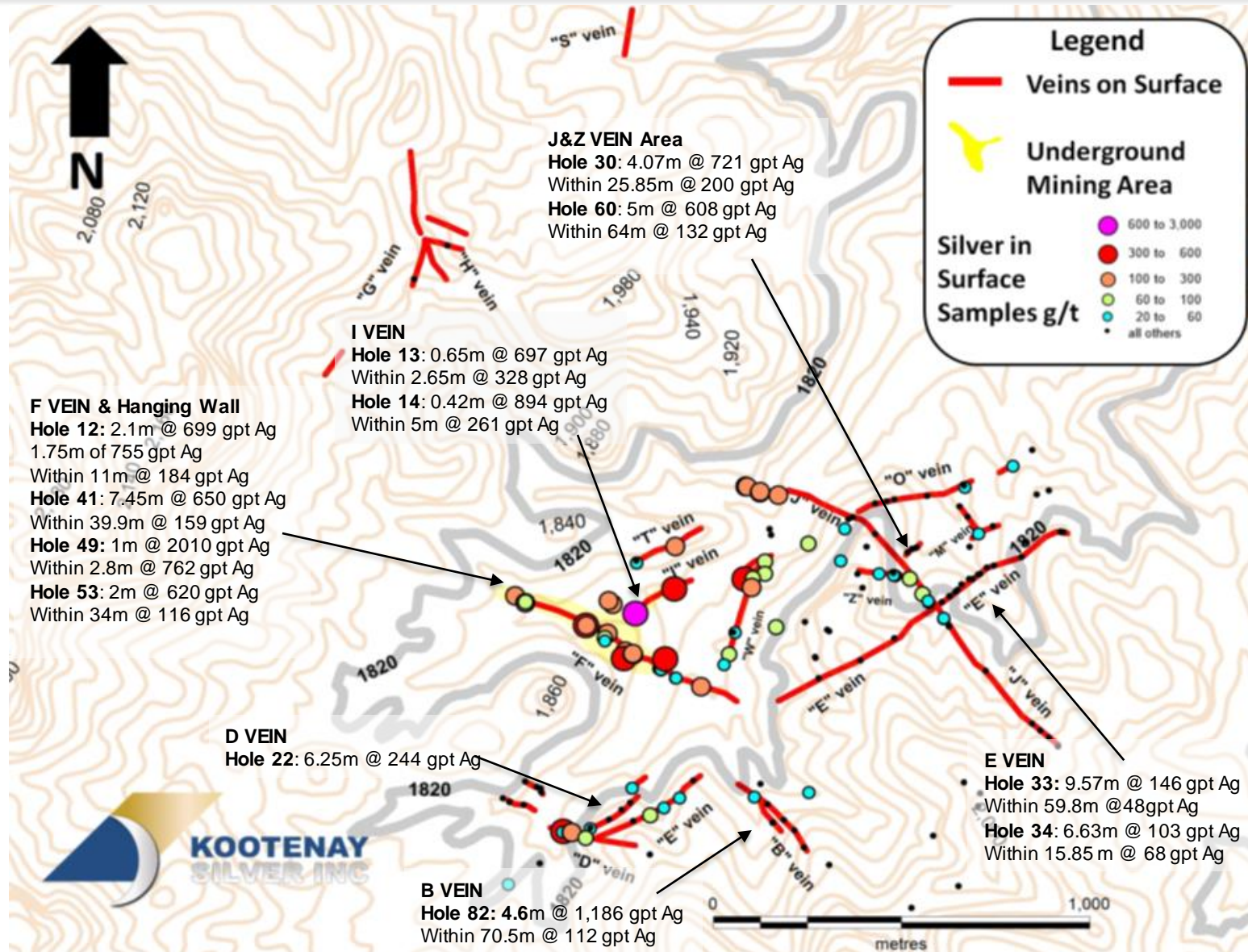
- 650 gpt Ag over 7.45m within 159 gpt Ag over 39.9m (F VEIN)
- 982 gpt Ag over 1.9m within 721 gpt Ag over 4.07m and 200 gpt Ag over 25.85m (Z VEIN)
- 1186 gpt Ag over 4.6m within 112 gpt Ag over 70.5m (B VEIN)
- 1585 gpt Ag over 0.6m within 553 gpt Ag over 2.9m (F VEIN)
- 2010 gpt Ag over 1.0m within 762 gpt Ag over 2.8m (HANGING-WALL)



\* Note: The Company cautions that a qualified person has not done sufficient work to verify the historical sampling data and has not substantiated any data as it pertains to the Project; therefore, the reader should not rely upon such historical grades. The information is not necessarily indicative of mineralization on the Project and is provided as background and context material for the reader. The Company is treating the historical sampling data as a guideline to determining potential future exploration programs.



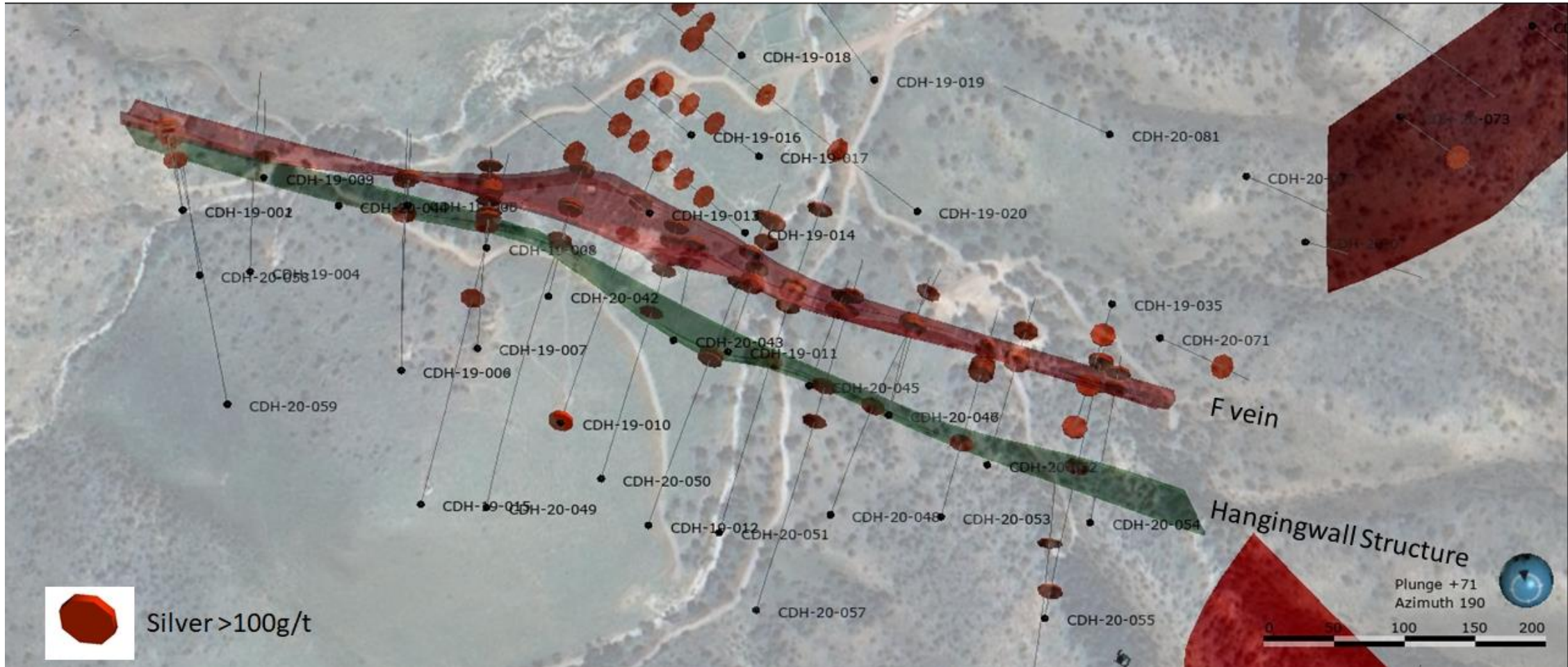
# MULTIPLE VEIN TARGETS AT SURFACE





# COLUMBA F VEIN

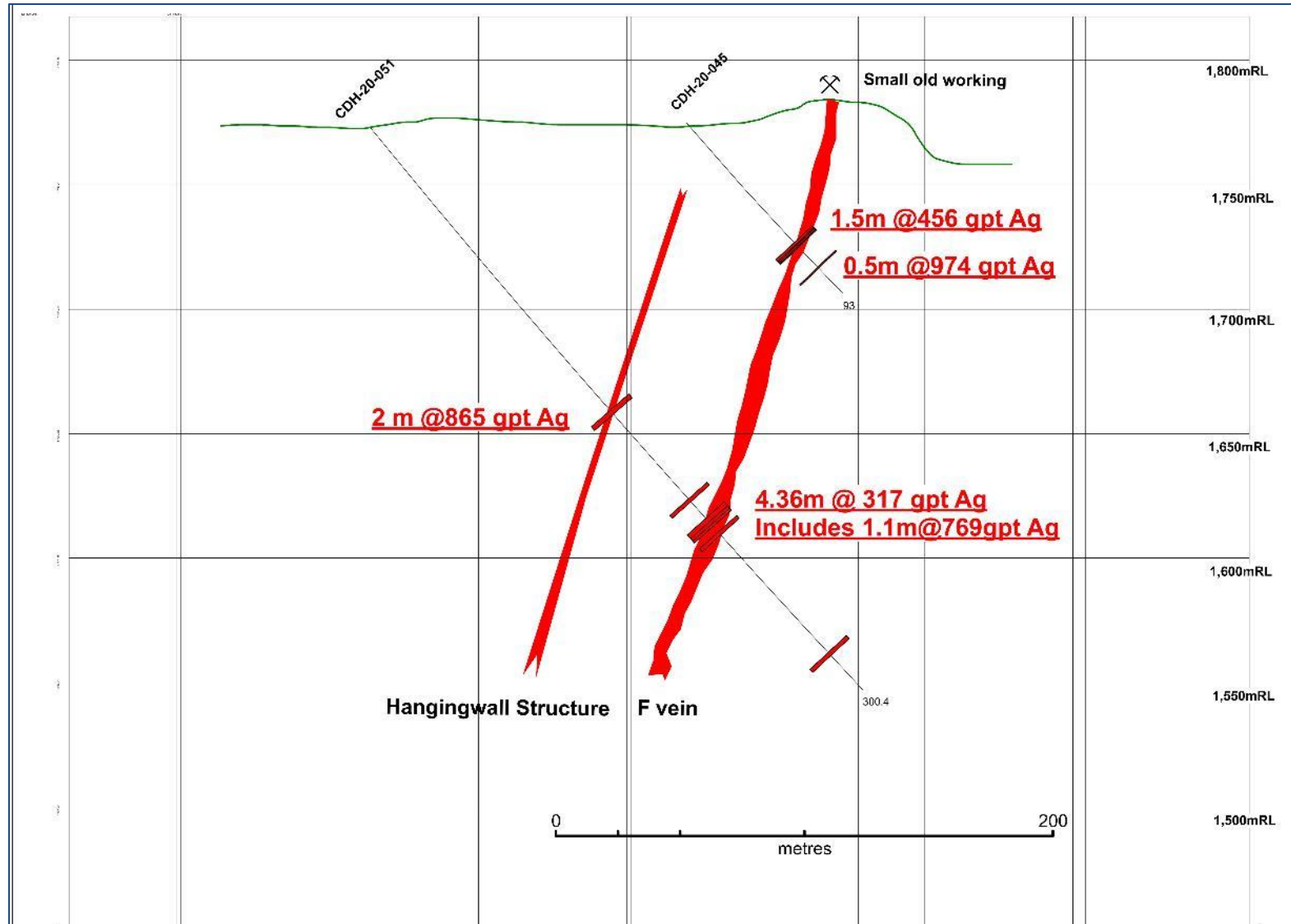
Oblique View to NE of F Vein in Red and High-grade Hanging wall Vein in Green



# COLUMBA CROSS SECTION – F VEIN

Holes 45 & 51 Looking Northwest

*Historically Mined F Vein*



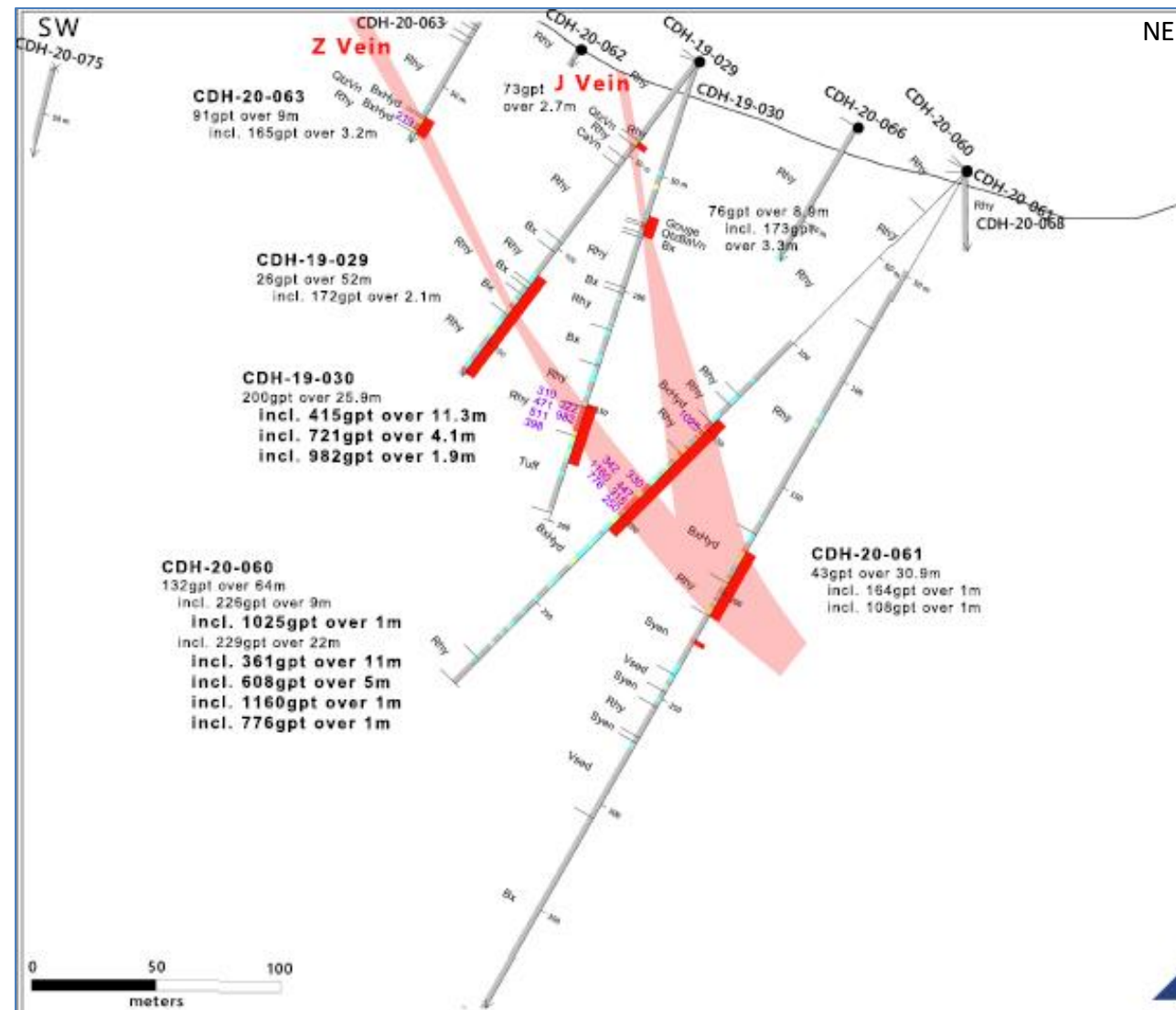


# COLUMBA CROSS SECTION - JZ ZONE

## Holes 29, 30, 60 & 61 - Looking Northwest

### J-Z Veins - 700 Meters East from Historically Mined F Vein

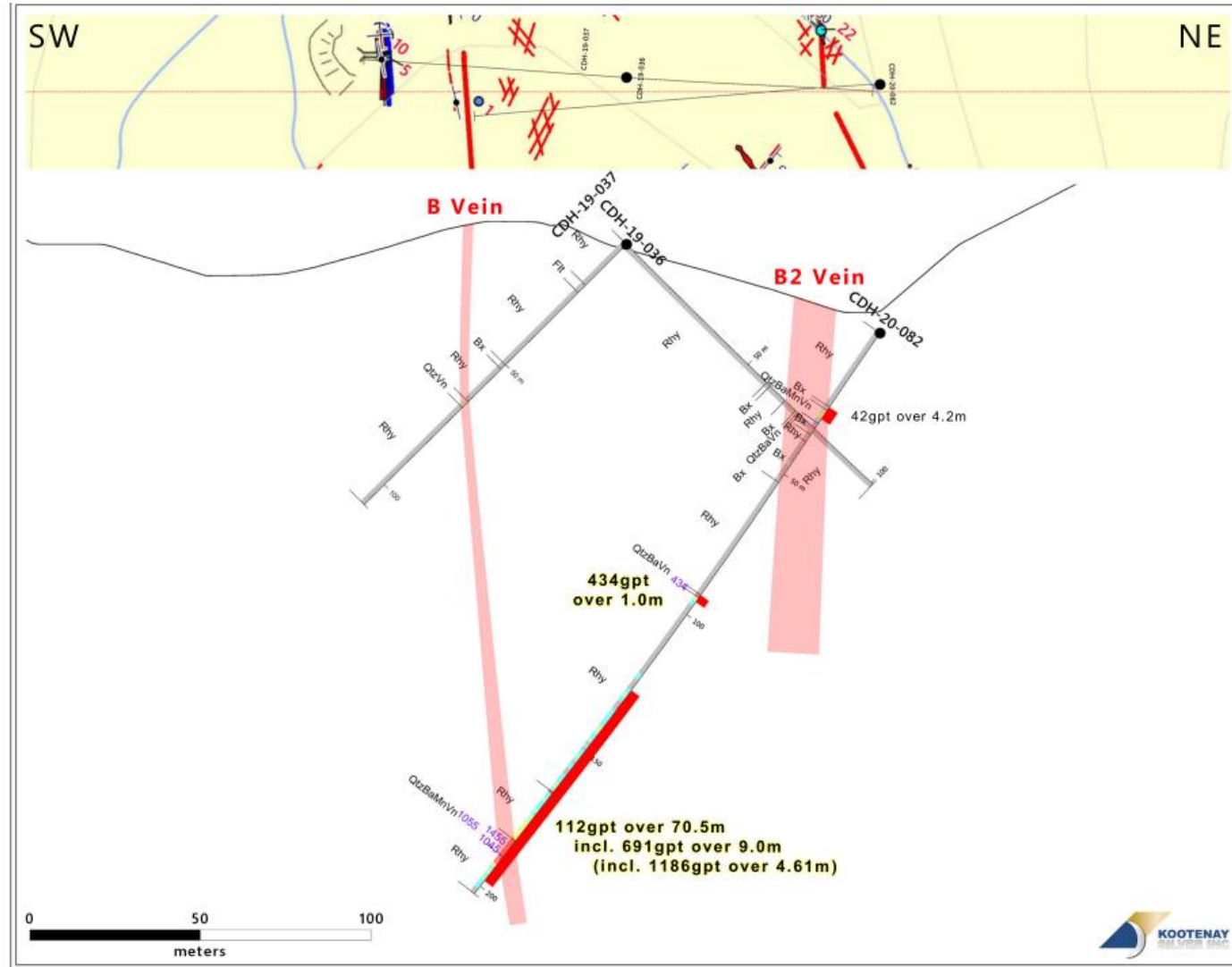
Hole ID	From (meters)	To (meters)	Interval (meters)	Silver (gpt)
<b>CDH-19-029</b>	42.7	45.35	2.65	73
	114	166	52	26
Includes	128	136	8	67
	130.21	132.3	<b>2.09</b>	<b>172</b>
	164	166	<b>2.0</b>	<b>104</b>
<b>CDH-19-030</b>	67.1	76	8.9	76
and	149.15	175	<b>25.85</b>	<b>200</b>
Includes	<b>150.5</b>	<b>161.65</b>	<b>11.15</b>	<b>415</b>
Includes	<b>154</b>	<b>158.07</b>	<b>4.07</b>	<b>721</b>
Includes	<b>156.17</b>	<b>158.07</b>	<b>1.9</b>	<b>982</b>
<b>CDH-20-060</b>	144	208	64.0	132
Includes	147	156	9.0	226
Includes	152	153	1.0	<b>1025</b>
and	183	205	<b>22.0</b>	<b>229</b>
Includes	<b>190</b>	<b>201</b>	<b>11</b>	<b>361</b>
Includes	<b>191</b>	<b>196</b>	<b>5</b>	<b>608</b>
Includes	<b>193</b>	<b>194</b>	<b>1</b>	<b>1160</b>
<b>CDH-20-061</b>	180	210.85	30.85	43
Includes	180	181	1	<b>164</b>
Includes	180	188	8	<b>63</b>
Includes	194	197	3	<b>72</b>
Includes	203	204	1	<b>108</b>
Includes	203	210.85	7.85	<b>54</b>
	222	224	2	<b>144</b>



# COLUMBA CROSS SECTION – B VEIN

Holes 36, 37 & 82 Looking Northwest

*B Vein - 650 Meters South from Historically Mined F Vein*





# COLUMBA HIGH GRADE SILVER PROJECT



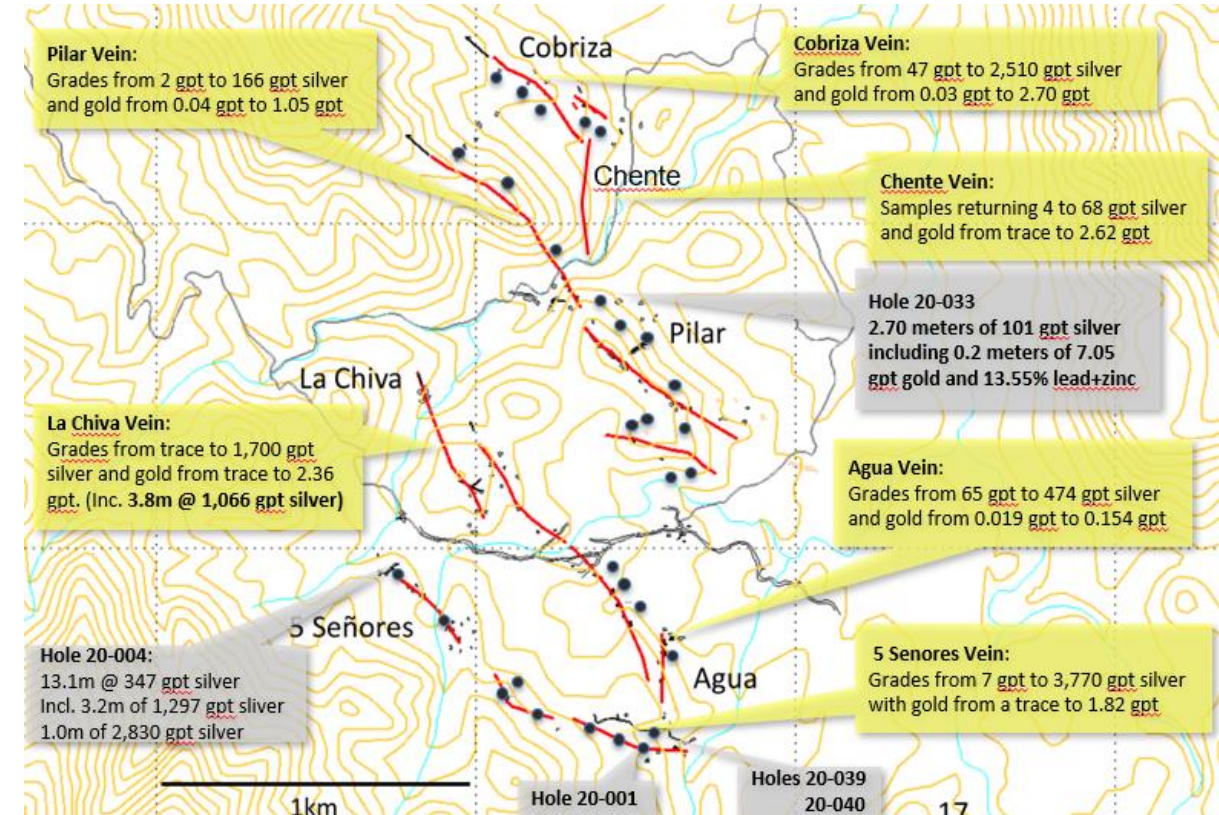
J VEIN SHOWING EXCELLENT WIDTH



BRECCIA SYSTEM (J-Z Zone)



# COPALITO HIGH GRADE SILVER & GOLD PROJECT



## Project Background:

- 10+ kms of vein strike identified. Numerous Veins
- 6 principal veins at surface vary in widths up to 15m

## Sampling highlights (2018/19):

- **3,770 gpt silver** and **7.2 gpt gold** in grab samples
- **401 gpt silver** including **0.24 gpt gold chip** across 5.3m



# COPALITO HIGH GRADE SILVER & GOLD PROJECT

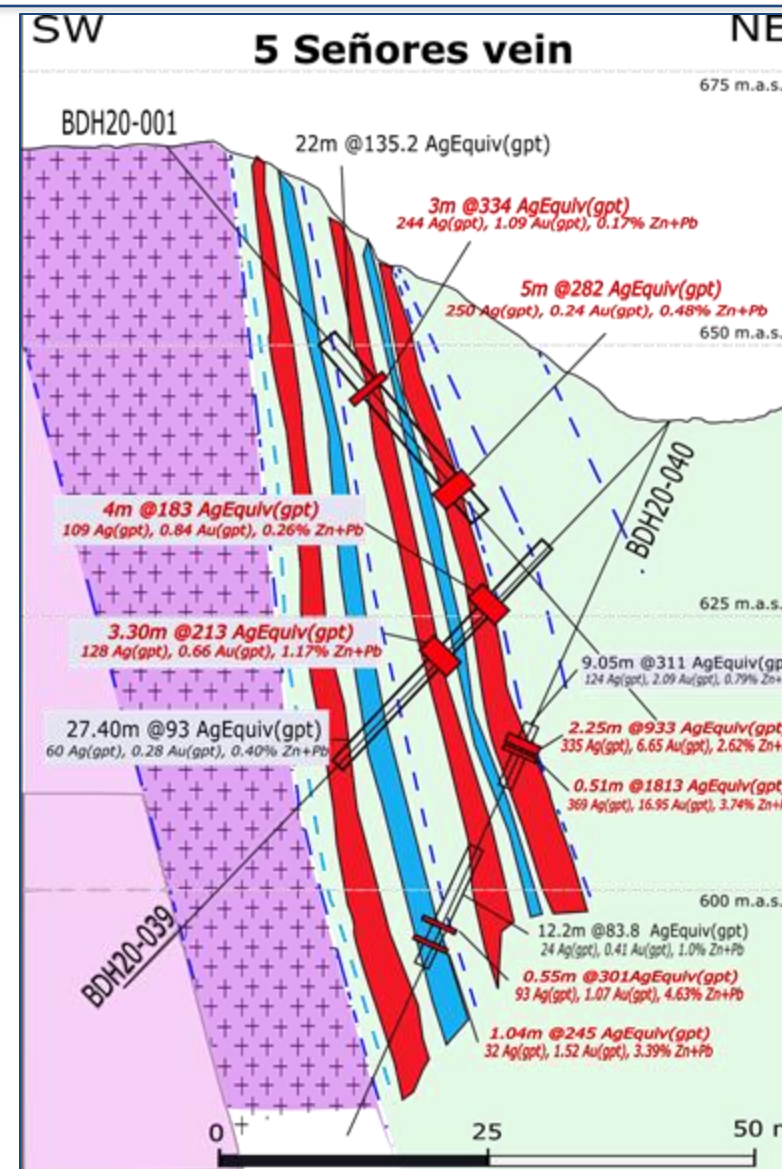
## PHASE I DRILL PROGRAM (2020)

- 4,000m completed over 40 holes
- *Hole 004*: 13.1m of 347 gpt silver incl. 1.0m of **2,830 gpt**
- *Hole 033*: 2.70m of 101 gpt silver incl. 0.2m of **7.05 gpt gold** and **13.55% lead+zinc**

## 5 Senores Vein Highlights

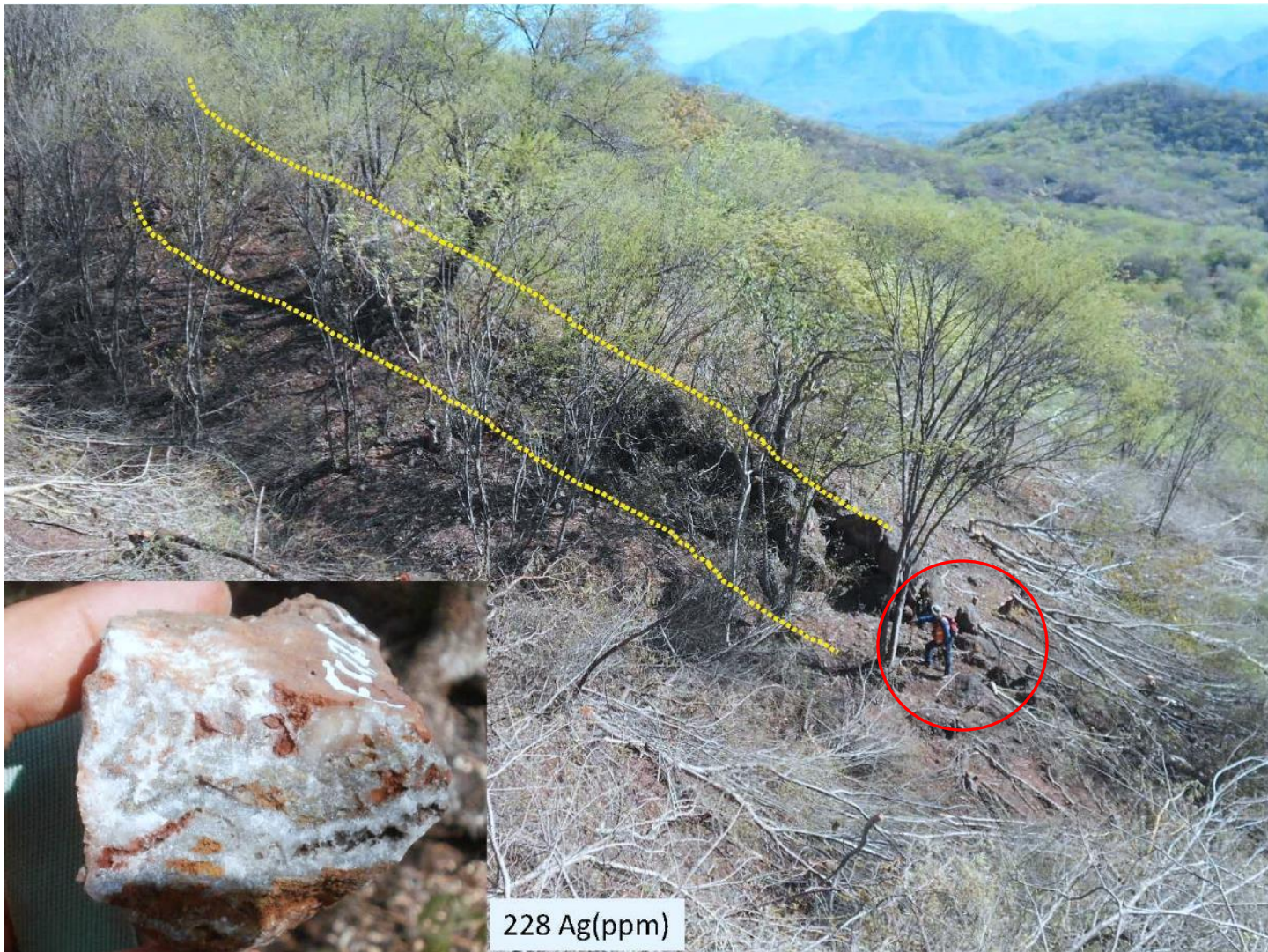
- *Hole 001*: 22.0m of 135.2 gpt AgEq incl. **5.0m of 282 gpt AgEq**
- *Hole 039*: 27.4m of 93.78 gpt AgEq incl. **3.3m of 213 gpt AgEq**
- *Hole 040*: 9.5m of 311 gpt AgEq incl. **2.25m of 933 gpt AgEq**; and  
12.2m of 83.8 gpt AgEq incl. **1.04m of 245 gpt AgEq**

## PHASE 2 DRILLING TO COMMENCE IN Q1 2021





# PROMINENT VEIN EXPOSURES



DRILLING

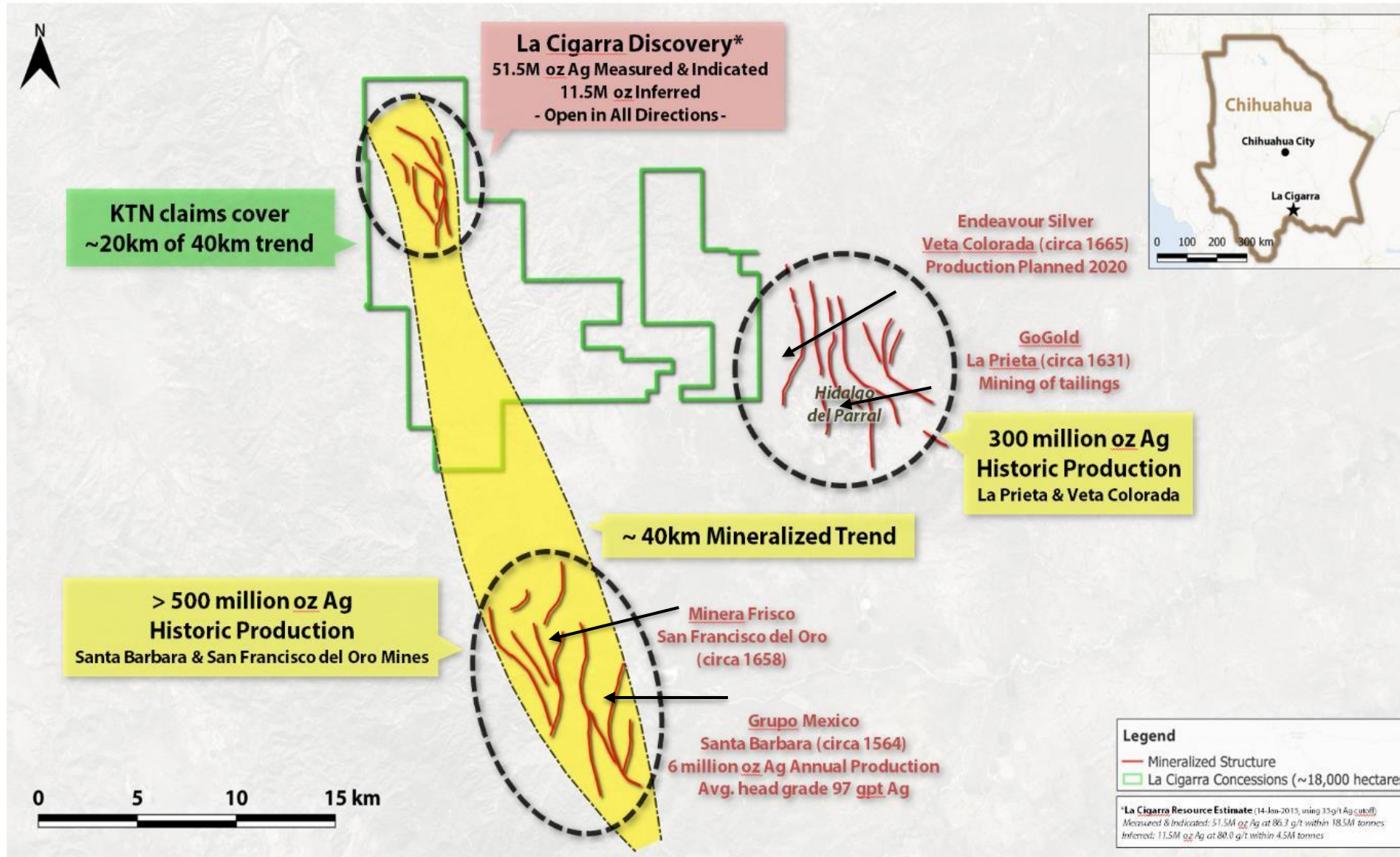


CORE DRILL PHOTO



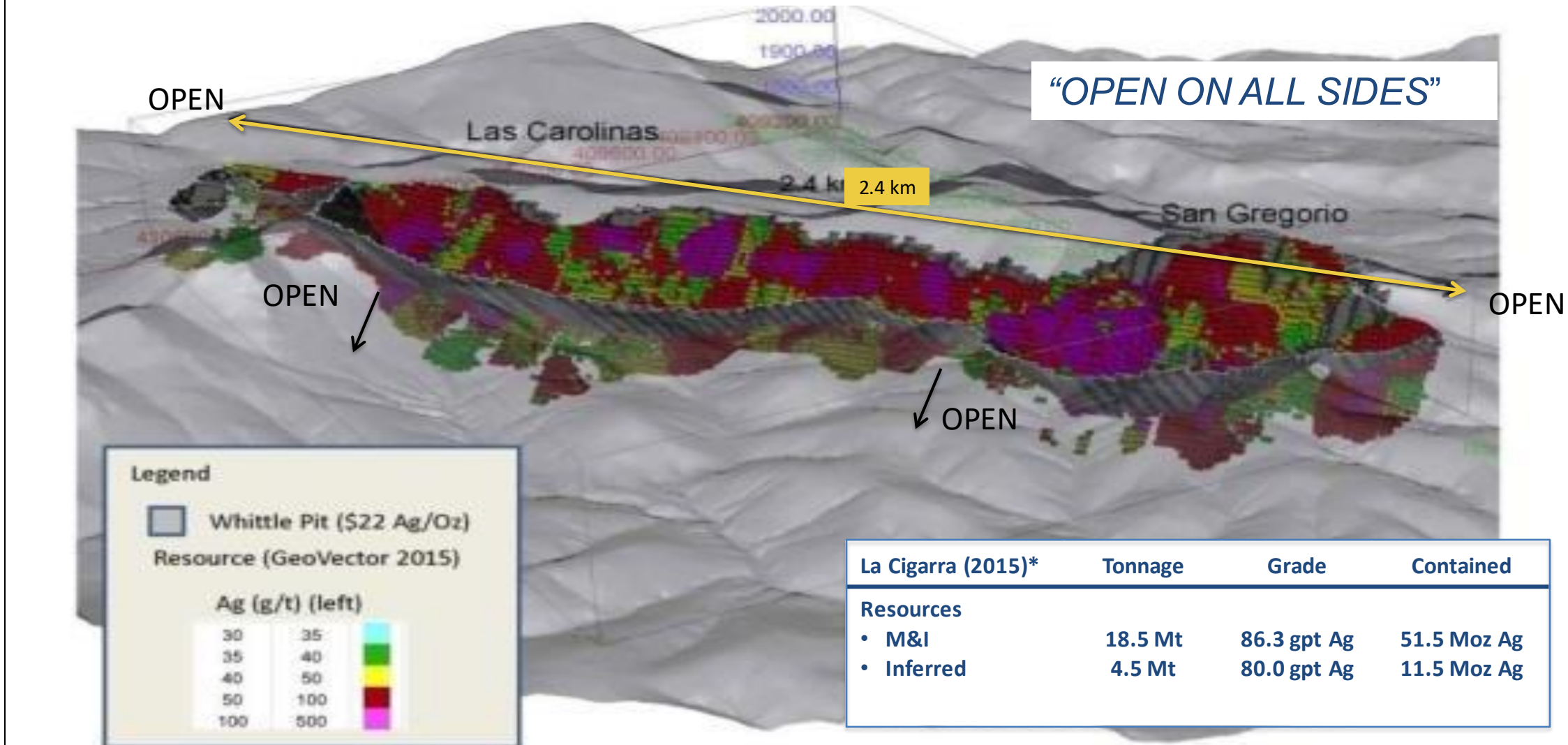
# LA CIGARRA - PARRAL SILVER DISTRICT

“ OVER 800M OZ SILVER PRODUCED ”



# LA CIGARRA RESOURCE

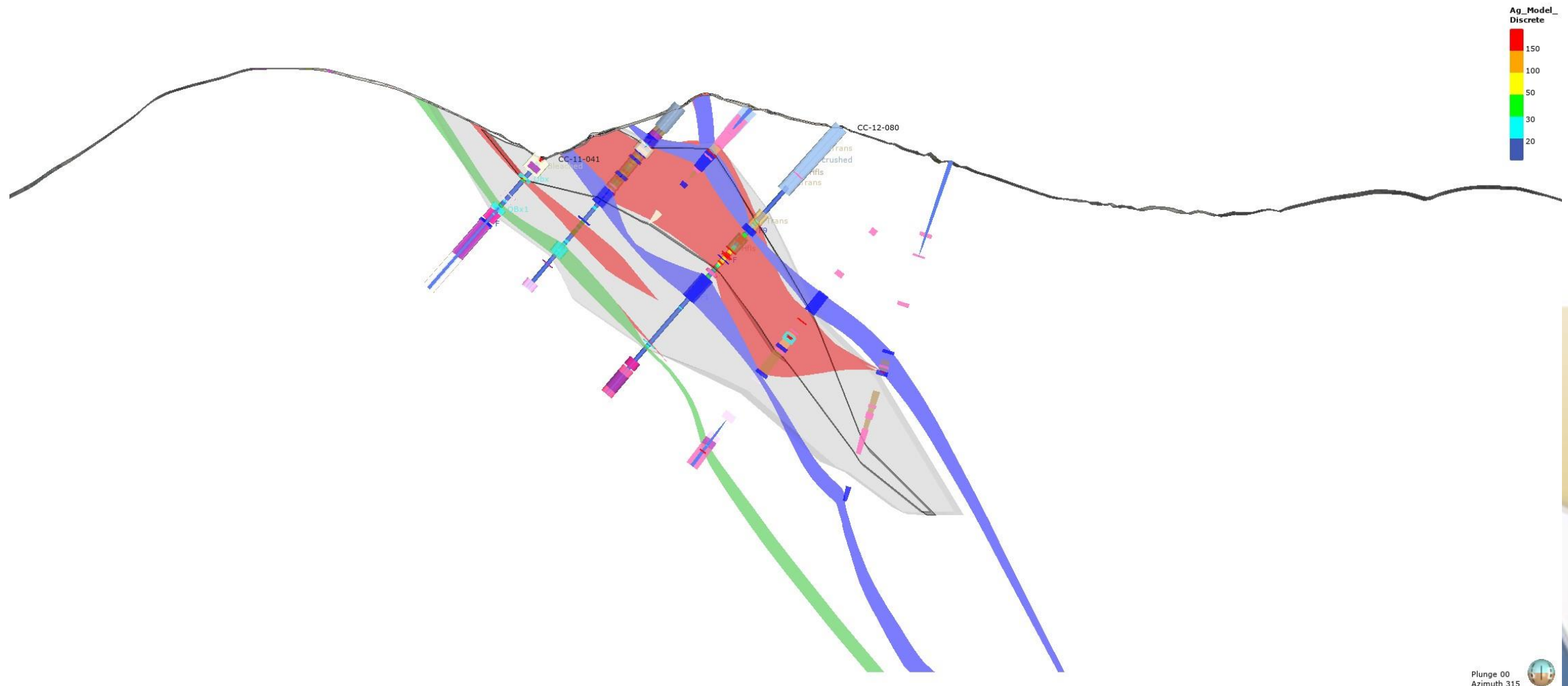
3D view looking southwest of the San Gregorio/Las Carolina resource blocks (>35 gpt Ag) Whittle pit (\$22 Ag/Oz)



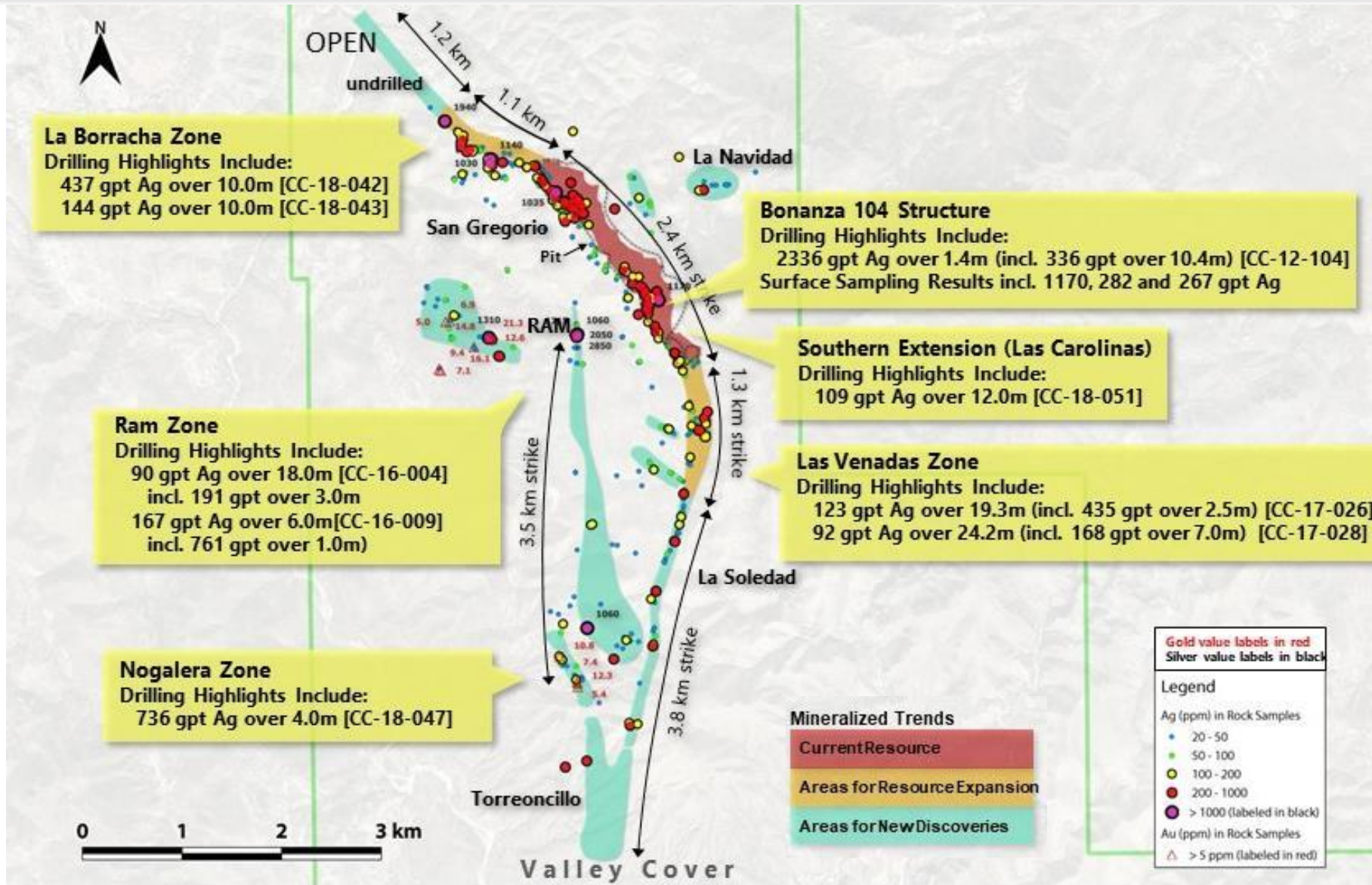
\* NI 43-101 Technical Report on the Updated Mineral Resource Estimate on the San Gregorio/Las Carolinas Zones, La Cigarra Silver Project, Chihuahua, Mexico”, effective date January 14, 2015 prepared by GeoVector Management Inc.. Mineral resources are reported in relation to a conceptual pit shell at a silver cut-off grade and a \$22/oz silver price.



Cross Section below shows new domains in colours overlain by HG Northair Model (in grey). Colours (new model) display more constrained volumes.



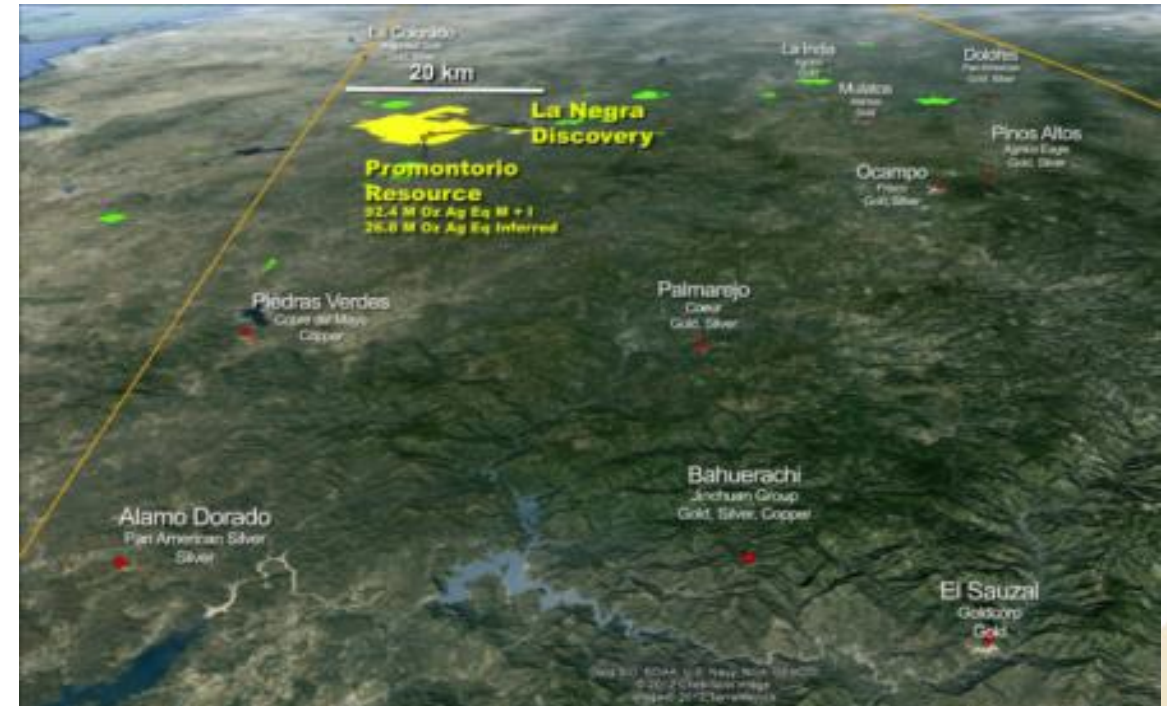
# LA CIGARRA – SIZE POTENTIAL





# PROMONTORIO MINERAL BELT

- Concessions hosts two major silver discoveries: Promontorio & La Negra
- Numerous additional targets within a 6.5km x 15km area
- Optioned to Pan American from 2016 to June 2019
- PAAS spent \$US 3.6 million in expenditures to advance the project
- KTN assessing next steps to advance the assets

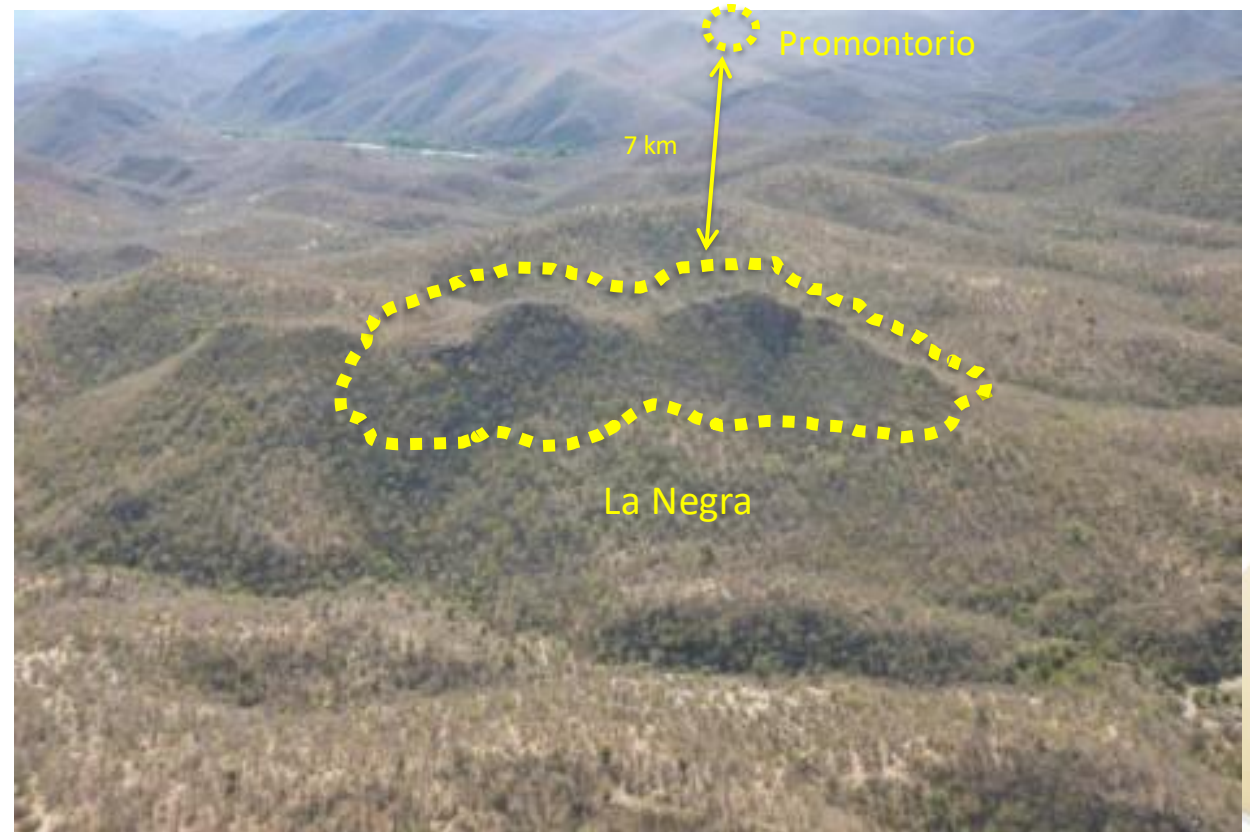


Promontorio (2013)*	Tonnage	Grade	Contained
<b>In-Pit Resources</b>			
• M&I	44.5 Mt	64.3 gpt AgEq	92.0 Moz AgEq
• Inferred	14.6 Mt	52.0 gpt AgEq	24.3 Moz AgEq
<b>Underground Potential</b>			
• M&I	0.2 Mt	57.0 gpt AgEq	0.4 Moz AgEq
• Inferred	1.3 Mt	61.1 gpt AgEq	2.5 Moz AgEq

\* "NI 43-101 Technical Report on Resources, Promontorio, Mexico", Report by SRK Consultants Inc. Effective date March 31, 2013. Calculated at a pit-constrained cut-off of 20 gpt AgEq, and an underground cut-off of 45 gpt AgEq using a \$31/oz silver price. AgEq calculated using \$31/oz Ag, \$1,650/oz Au, \$0.96/lb Pb, \$0.89/lb Zn, assuming 100% recovery of all metals. Full resource table found in the appendix section of this presentation.

## “HIGH GRADE SILVER DISCOVERY”

- Low-Cost open pit potential
- 17,000m over 95 holes drilled
- High-grade silver intercepts to 300m vertically from surface
- Metallurgy indicates potential for leach extraction in 80 to 90% range
- **2021:** Resource estimate in preparation of PEA decision



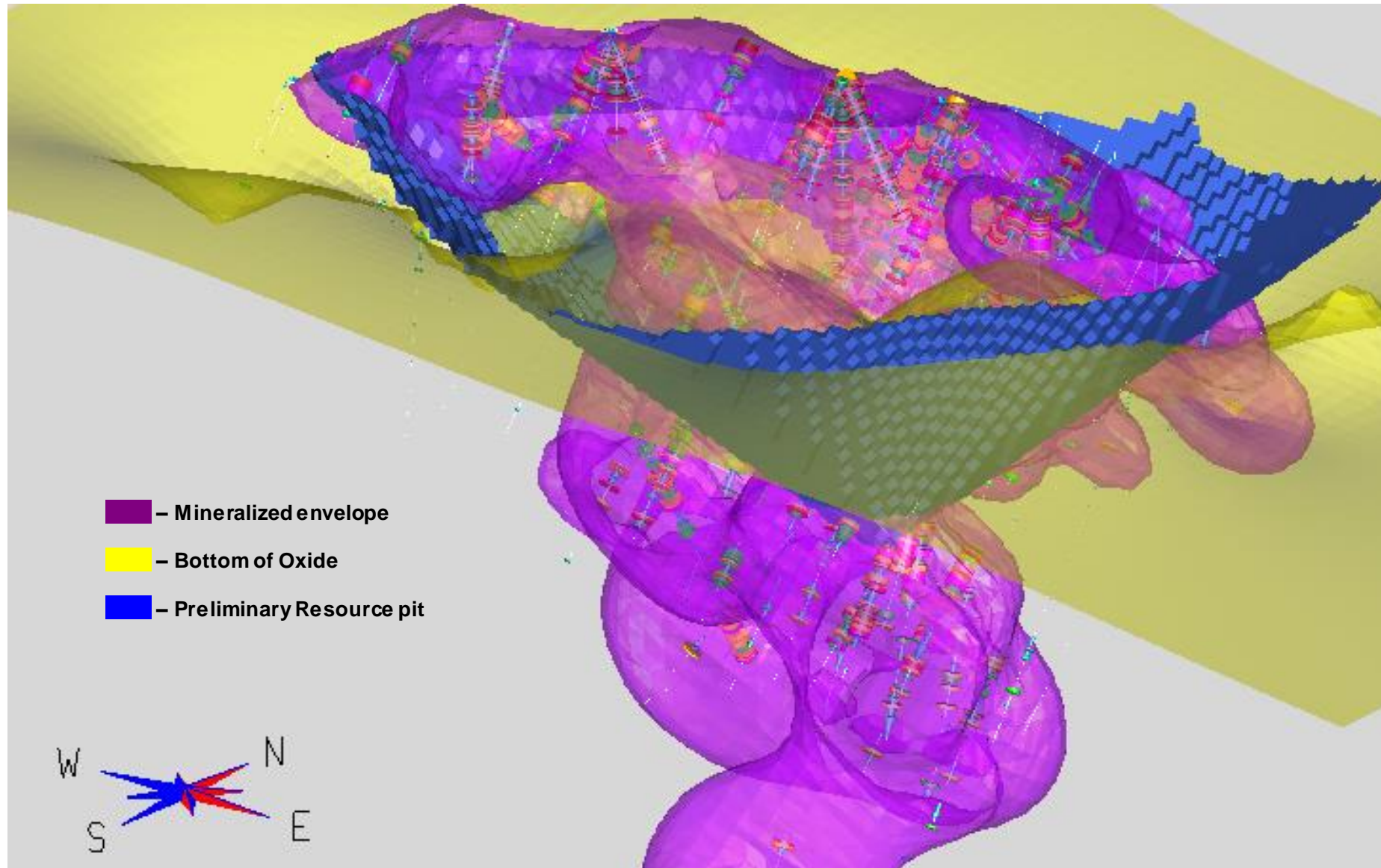
### High-grade drill results to date

- |                        |                        |                       |
|------------------------|------------------------|-----------------------|
| ▪ 3,040 gpt Ag over 1m | ▪ 420 gpt Ag over 50m  | ▪ 1,625gpt Ag over 1m |
| ▪ 1,338 gpt Ag over 6m | ▪ 213 gpt Ag over 28m  | ▪ 273 gpt Ag over 59m |
| ▪ 468 gpt Ag over 18m  | ▪ 156 gpt Ag over 200m | ▪ 307 gpt Ag over 10m |



# LA NEGRA – Work Underway

## 3D View of MMTS Conceptual Resource Pit



## PROPERTIES

## OPTIONED PROPERTIES

Mexico

**Guadalupe**  
**Male**  
**Mecatona**

**CERVANTES – AZTEC MINERALS**  
**LA MINA – CAPSTONE MINING**

Canada

**Copley**  
**Spike's Big Adventure**  
**Meachen Bend**  
**2X Fred**  
**Fox**  
**Silver Fox**

***Continued Strategy Of Pursuing JV Opportunities Feeding The  
Development Pipeline And Reducing Capital And Project Risk***



## COLUMBA

- Infill and exploratory drilling to further elucidate mineralized zones

## COPALITO

- Follow up drilling to expand on high-grade and explore untested targets

## LA CIGARRA\*

- (1) Build new geological model to optimize grade with intent to (2) advance to updated resource and (3) PEA decision

## LA NEGRA\*

- (1) First resource estimate in preparation of (2) PEA decision

\*The decision to move on to the next step is contingent on the outcome and evaluation of the step prior

- QUALITY SILVER ASSETS
- DRILLING AT COLUMBA & COPALITO PROJECTS
- EXCELLENT DISCOVERY POTENTIAL FOR HIGH GRADE DEPOSITS
- SIGNIFICANT LEVERAGE TO SILVER PRICE
- ACQUIRING ASSETS AT FAVORABLE PRICES
- STRONG MANAGEMENT WITH TRACK RECORD OF SUCCESS
- POTENTIAL FOR VALUE RE-RATING





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Twitter: <https://twitter.com/KootenaySilver>

Resource Category*	Tonnes	In-Situ Grade				Contained Metal			
		Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Ag (oz)	Au (oz)	Pb (lbs)	Zn (lbs)
Measured	3,620,000	88.9	0.074	0.14	0.19	10,340,000	9,000	10,920,000	15,510,000
Indicated	14,930,000	85.7	0.068	0.13	0.18	41,130,000	33,000	42,950,000	59,260,000
<b>Meas + Ind</b>	<b>18,540,000</b>	<b>86.3</b>	<b>0.069</b>	<b>0.13</b>	<b>0.18</b>	<b>51,470,000</b>	<b>41,000</b>	<b>53,870,000</b>	<b>74,770,000</b>
<b>Inferred</b>	<b>4,450,000</b>	<b>80.0</b>	<b>0.058</b>	<b>0.13</b>	<b>0.16</b>	<b>11,460,000</b>	<b>8,000</b>	<b>12,680,000</b>	<b>15,610,000</b>

*Note: \* Mineral resources are reported in relation to a conceptual pit shell at a 35 g/t silver cut-off grade and a \$22/oz silver price. Mineral resources that are not mineral reserves do not have demonstrated economic viability. All figures are rounded to reflect the relative accuracy of the estimate and numbers may not add up due to rounding.*

Resource Statement for the La Cigarra silver project located in Chihuahua State, Mexico: GeoVector Management Inc., Effective Date January 14, 2015, Authored by Allan Armitage, PhD, P. Geo. and Joe Campbell, B.Sc., P. Geo., of GeoVector Management Inc.

The resource estimate was calculated based on results from 156 of 173 holes totaling 27,617 metres drilled along the open ended La Cigarra mineralized system which has a defined strike length of at least three (3) kilometres. The 156 holes included in the Property's resource estimate were positioned within a potentially surface minable area comprised of the San Gregorio and Las Carolinas mineralized zones, which combined form a total strike length of 2.4 kilometres. The resource estimate was constrained by a constrained pit shell utilizing a **\$22 /oz** silver price and reported at a **35 g/t** silver cut-off grade, and considers metallurgical recoveries of 84% silver. A summary of the mineral resource estimate is listed below:



# PROMONTORIO RESOURCE

Pit- Constrained	20 g/t AgEQ Cut- Off	Tonnes (000's)	Avg AgEq (g/t)	Avg Ag (g/t)	Avg Au (g/t)	Avg Pb (%)	Avg Zn (%)	AgEq Oz (000's)	Ag Oz (000's)	Au Oz (000's)	Pb lbs (000's)	Zn lbs (000's)
	Measured	10,289	74.79	32.69	0.40	0.46	0.55	24,741	10,814	134	105,328	123,715
	Indicated	34,215	61.18	26.30	0.34	0.38	0.45	67,294	28,926	373	287,579	335,904
	<b>M+I</b>	<b>44,504</b>	<b>64.32</b>	<b>27.77</b>	<b>0.35</b>	<b>0.40</b>	<b>0.47</b>	<b>92,035</b>	<b>39,740</b>	<b>506</b>	<b>392,907</b>	<b>459,619</b>
	Inferred	14,564	51.95	24.95	0.28	0.28	0.31	24,326	11,683	132	89,430	98,462

Underground Potential	45 g/t AgEQ Cut-Off	Tonnes (000's)	Avg AgEq (g/t)	Avg Ag (g/t)	Avg Au (g/t)	Avg Pb (%)	Avg Zn (%)	AgEq Oz (000's)	Ag Oz (000's)	Au Oz (000's)	Pb lbs (000's)	Zn lbs (000's)
	Measured	3	62.27	25.12	0.32	0.37	0.63	6	2	0	23	40
	Indicated	212	56.88	22.86	0.28	0.40	0.55	387	156	2	1,889	2,551
	<b>M+I</b>	<b>215</b>	<b>56.96</b>	<b>22.89</b>	<b>0.28</b>	<b>0.40</b>	<b>0.55</b>	<b>393</b>	<b>158</b>	<b>2</b>	<b>1,913</b>	<b>2,591</b>
	Inferred	1,265	61.17	26.57	0.37	0.36	0.38	2,488	1,081	15	10,049	10,667

Notes: \* Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources estimated will be converted into Mineral Reserves.

<sup>1</sup> Open pit resources stated as contained within a potentially economically minable pit shell;

<sup>2</sup> Pit optimization is based on assumed silver, gold, lead, and zinc prices of \$31/oz, \$1650/oz, \$0.96/lb, and \$0.89/lb respectively, mill recoveries of 74%, 70%, 81% and 88% respectively, a 1.5% NSR, Estimated mining costs of \$1.20/t, and estimated processing and G&A cost of \$12.00/t; and an estimated POX cost of \$2/tonne (\$30/tonne of pyrite concentrate)

<sup>3</sup> Break-even cut-off grades used were 20 g/t AgEq for open pit mill material and 45 gpt AgEq for underground material;

<sup>4</sup> Silver equivalency is based on unit values calculated from the above metal prices, and assumes 100% recovery of all metals; and

<sup>5</sup> Mineral resource tonnage and contained metal have been rounded to reflect the accuracy of the estimate, and numbers may not add due to rounding.

**1**  
**MAJOR**  
acquisition

**4**  
**DRILL**  
discoveries

  
**3**  
**MAJOR**  
miners invested

**3**  
**RESOURCE**  
calculations  
**+1**  
**PENDING**  
(la negra)

**144** Moz  
Silver Eq M&I

**+**

**35.7** Moz  
Silver Eq (Inf.)



## “Increasing Grades with Increasing Depths”

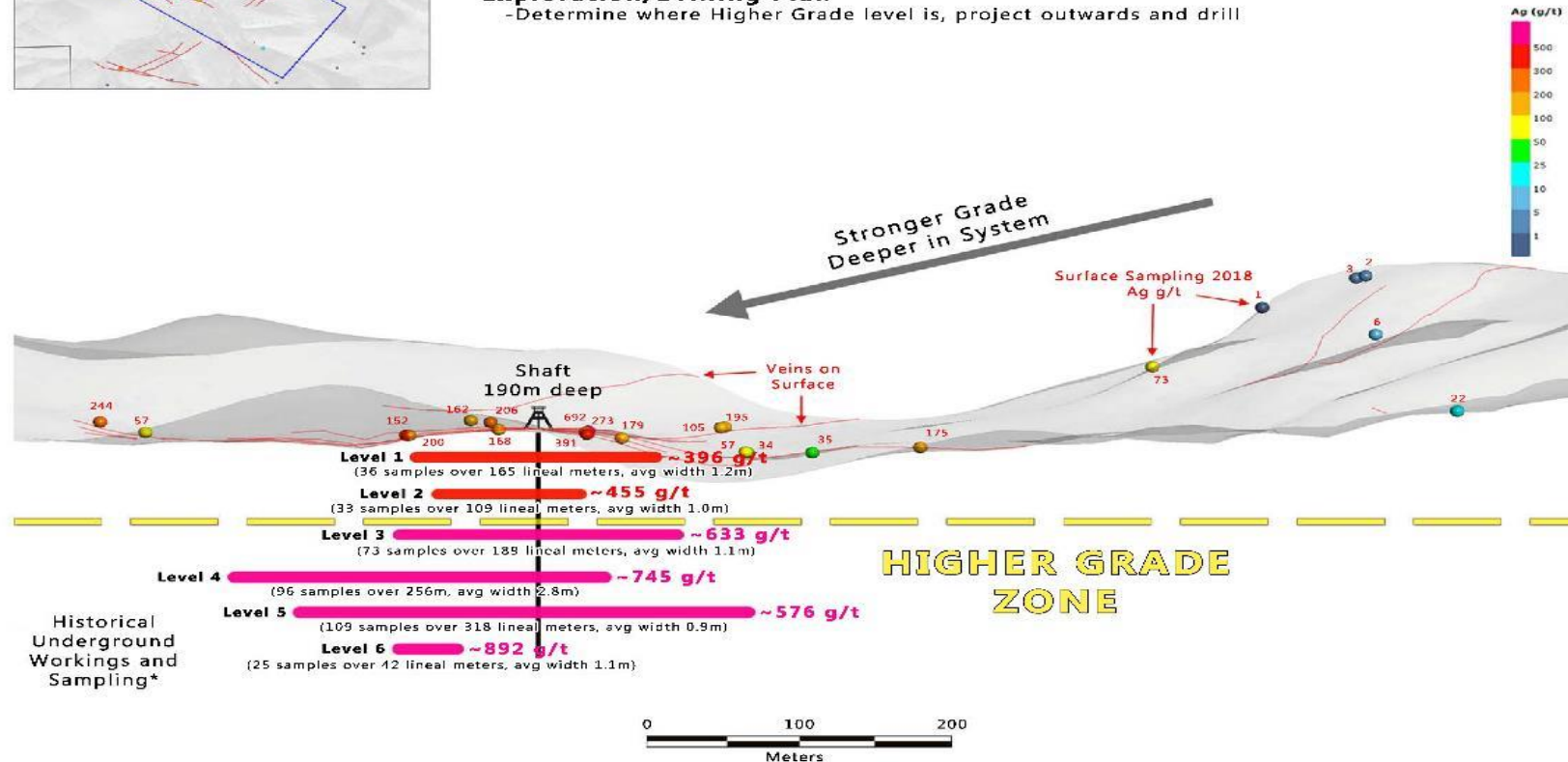


### Classic Zoned Vein System Model

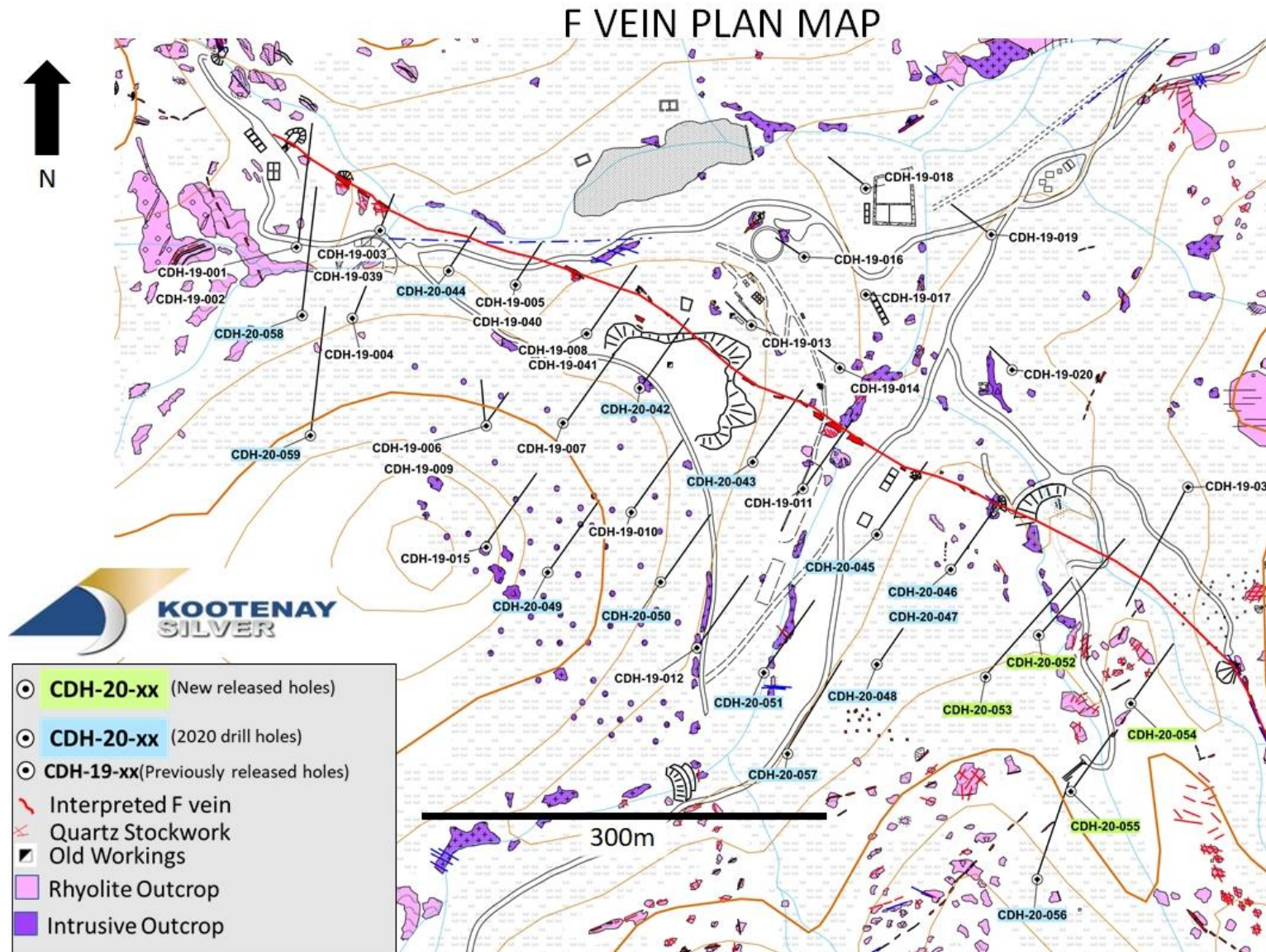
- Stronger grade with depth until reaching Higher Grade Zone (~Mine Level 3)
- Model supported by 2018 surface sampling/observations as well as historical mine sampling\*

### Exploration/Drilling Plan

- Determine where Higher Grade level is, project outwards and drill

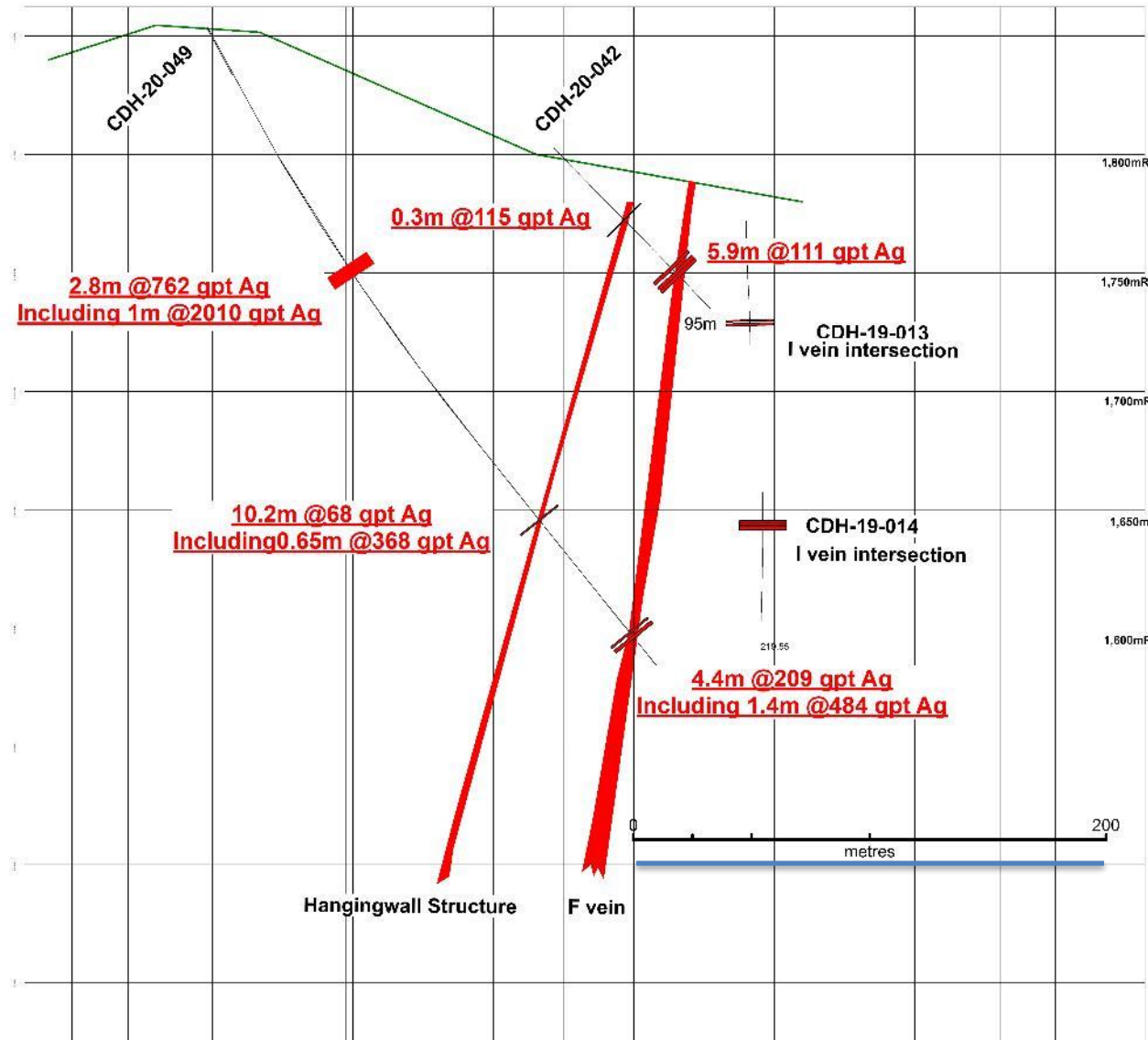


Note: The Company cautions that a qualified person has not done sufficient work to verify the historical sampling data and has not substantiated any data as it pertains to the Project; therefore, the reader should not rely upon such historical grades. The information is not necessarily indicative of mineralization on the Project and is provided as background and context material for the reader. The Company is treating the historical sampling data as a guideline to determining potential future exploration programs.



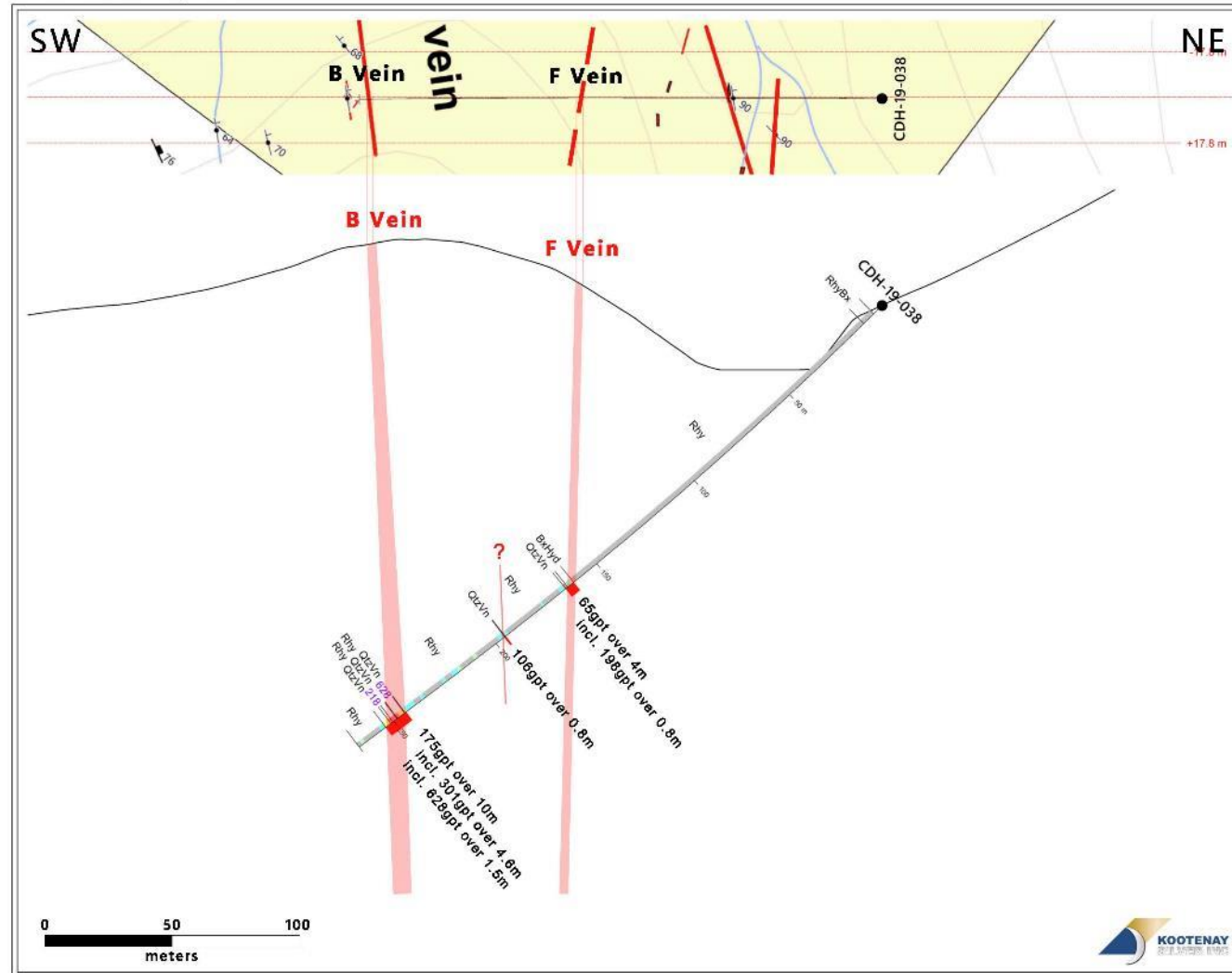


# CROSS SECTION – Holes 42 & 49 - Looking Northwest



# CROSS SECTION – Hole 38

*Extending Mineralization > 225 Meters SE Along F Vein (from Holes 11 & 12)*





# COPALITO SOUTH – PLAN MAP

