

#### MAMMOTH RESOURCES CORP.



**Vuggy Silica Outcrop** 

**Diamond Drill Core** 

**Locally Panned Gold** 

TSXV: MTH / OTC: MMMRF

October 2024

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Richard Simpson, VP Exploration of Mammoth Resources is Mammoth's Qualified Person/Competent Person related to any technical disclosure given in this presentation.

**Notes** \* to information in this presentation can be found on Mammoth's website: *mammothresources.ca*, '*Investors*' section, '*Presentations*'.



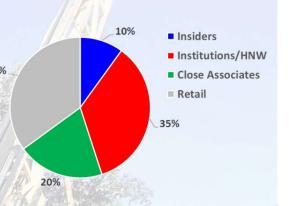
# **Valuation/Trading**

**Attractive Capital Structure - Compelling Valuation** 

67.1 million basic shares outstanding / 71.5 million fully diluted

Shares are held **10%** by insiders, **35%** by institutions/HNW individuals and **20%** by close associates.





- Last financing: June/21 \$2,850,000 @\$0.14/share
- Recent Market Cap: C\$1.3 million

Mammoth's current market capitalization values the company at **only 20**% of what's been spent on its Tenoriba property



### TENORIBA PROJECT OVERVIEW

- Mammoth owns a 100% interest in the *Tenoriba*, High Sulphidation, gold-silver project (subject to a 2% NSR royalty purchasable for US\$1.5M 2 years into commercial production).
- > 5,333 hectare property (13 km x 4 km) in the Sierra Madre southwestern Chihuahua State, Mexico.
- Large 18 sq km (6 km x 3 km / 4,500 football fields) gold-silver footprint highest gold-silver sample graded 74 g/t gold plus 62 g/t silver.
- C\$6.5 million spent on Tenoriba to date, including: 55 diamond drills holes / 7,500 m testing areas along a 4 km trend to 150 m depth, 48 of which are potentially economical: 24.7 m grading 4.0 g/t gold to 126.8 m grading 0.52 g/t gold, average grade of 0.65 g/t gold Equivalent (Eq)\*
- Mineralization appears amenable to low-cost open pit mining (abundant surface mineralization) and heap leaching processing (free gold/oxidized).
- Imminent opportunity to define a greater than 1 million gold Eq ounce Exploration Target at a cost of as low as US\$1.50/ounce gold Eq.

\* Gold Equivalent (Eq) where silver converted to gold at ratio of 75:1



# Tenoriba - Located in Prolific Gold-Silver Region



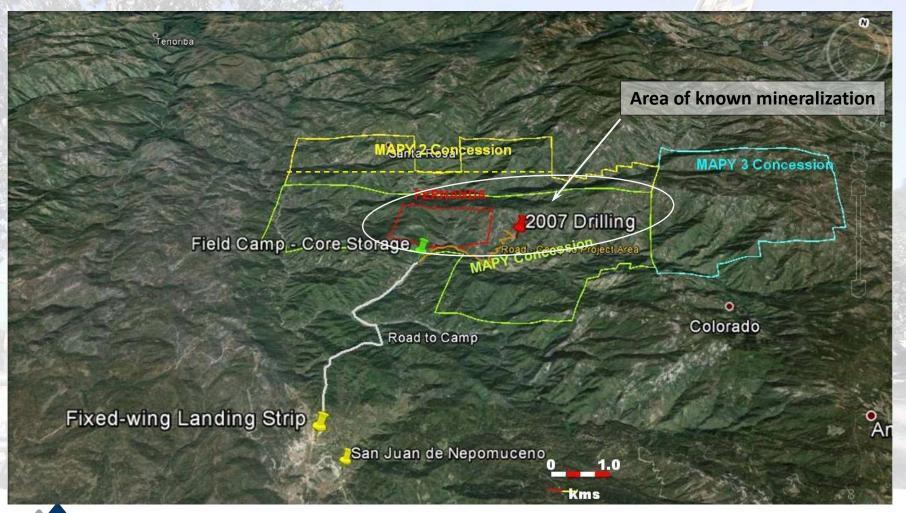
In the 20 yr period 1995 - 2015 numerous deposits have been discovered in the Sierra Madre.

- Dolores Pan American Silver
- Mulatos Alamos Gold
- Pinos Altos Agnico Eagle
- Ocampo Aurico Gold
- Monterde Kimber Resources
- · San Miguel Paramount Gold
- El Sauzal Goldcorp (Newmont)
- Palmarejo Coeur Mining
- Alamo Dorado Pan American Silver
- Guanacevi Endeavour Silver
- Topia Great Panther
- La India Agnico Eagle

Mammoth's Tenoriba project is surrounded by numerous multi-million ounce deposits owned by multi-billion \$ market value companies

# Tenoriba Project - Location and Infrastructure

- 100% interest in 4 concessions covering 5,333 hectares.
- Exploration focused on 3 areas of gold-silver mineralization over a 6 km strike length.

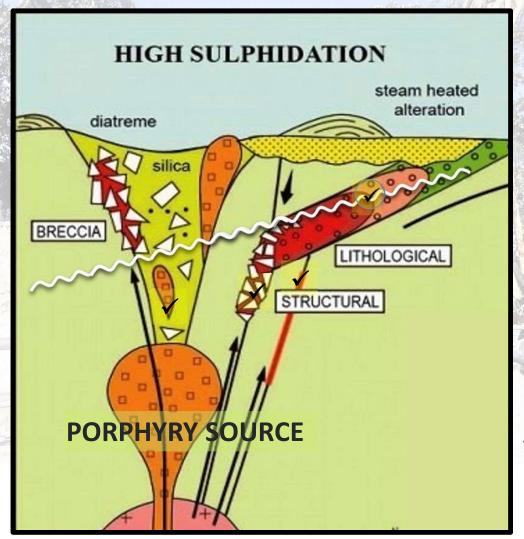


# **Tenoriba Project - High Sulphidation Setting**

Tenoriba has characteristics common to High Sulphidation systems in the Sierra Madre\* - Mulatos: 6.2M ozs, La India: 1.4 M ozs, El Sauzal: 2.0 M ozs

#### **Tenoriba Features**

- Felsic volcanics (dacitic, lithic crystal tuff, breccia-vuggy silica and porphyry)
- Advanced Argillic alteration
- Dickite-Kaolinite



Confirmed by 2021 - PhD geologist review of historical data/site visit

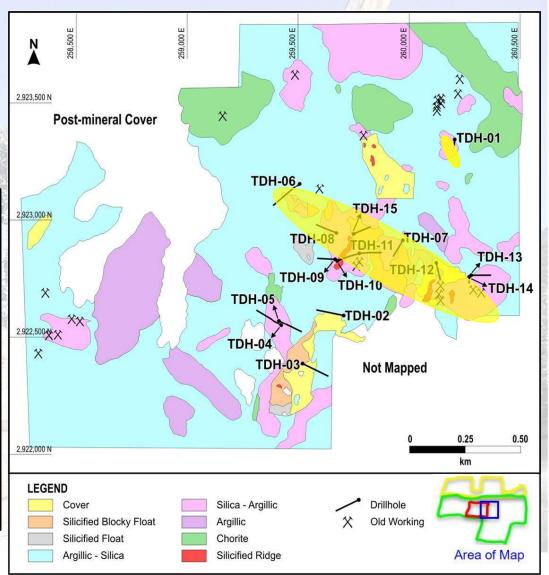
\* Refer to "References" page at the end of the presentation



# HISTORICAL EXPLORATION - First phase of drilling

- Phase 1 15 hole diamond drill program completed in 2008\*
- Potentially economical grades over attractive widths intersected in 10 of 15 holes drilled

Drill Hole Number	From	То	Interval Length	Gold (Fire Assay)
	(metres)	(metres)	(metres)	(gpt)
TDH-01	3.50	14.70	11.20	0.54
TDH-07	35.00	51.00	16.00	0.49
	61.00	64.70	3.70	5.33
(including)	62.80	64.70	1.90	45.90
	120.50	132.00	11.50	2.26
(including)	129.50	132.00	2.50	9.21
TDH-11	27.30	67.00	39.70	0.48
(including)	40.80	49.00	8.20	1.45
	110.00	144.40	34.40	1.03
(including)	116.80	124.20	7.40	2.82
(including)	135.00	144.40	9.40	1.37
TDH-12	21.00	46.60	25.60	0.56
TDH-14	4.00	70.00	66.00	0.50
TDH-15	50.00	62.00	12.00	0.64

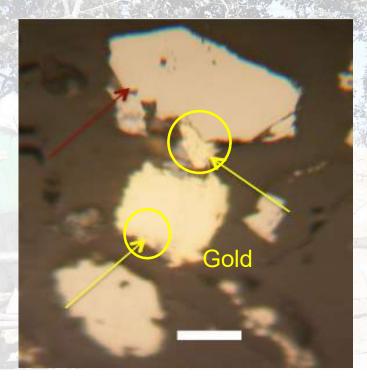


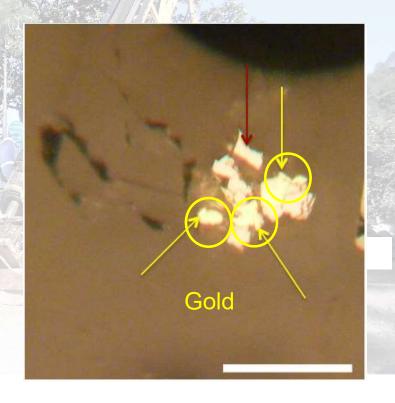


**Note:** Drill intersection lengths are not "true thickness", but rather core length intersections. It is possible that true thickness could be less than the reported core-length intervals. For further information on these drill holes please consult Sedar.com, Masuparia Gold June 30, 2008 Press Release.

## MAMMOTH EXPLORATION - Prelim Metallurgy

- Heavy metal separation/microscope analysis indicating gold occurring as free gold - on the surface and/or along fractures within sulfides.
- Collected samples from various depths/drill holes to perform bottle roll tests which showed excellent recovery of gold (100% in 24 hours)
- Gold recovery could be amenable to low cost heap leach processing







# MAMMOTH EXPLORATION - Mapping & Sampling

>600 chip samples (minimum 1.5 m) with gold-silver concentrated in 3 principle areas along a 5 km east-west trend, open to the east and west

#### 1. Los Carneritos

(1.5 x 0.75 km)

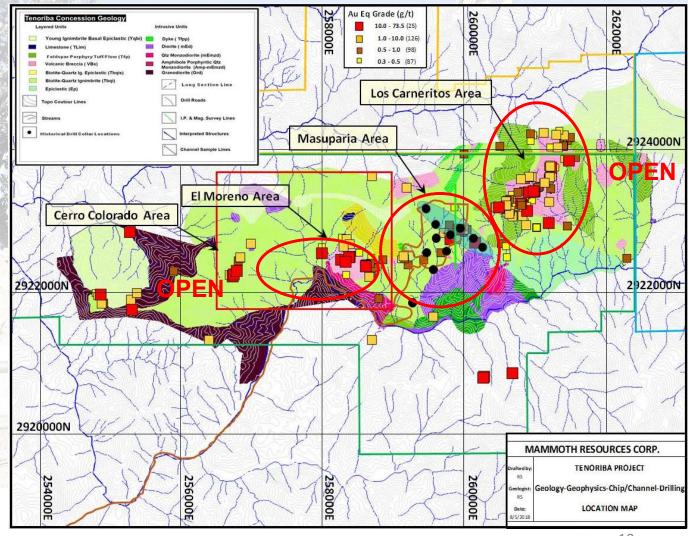
Of **146** samples
assayed, **74%** (115
samples) assayed
>0.3 g/t gold and an
average grade of **1.56** g/t gold

#### 2. Masuparia (1.5 x 1.5 km)

3. El Moreno

(1.5 x 1.0 km)

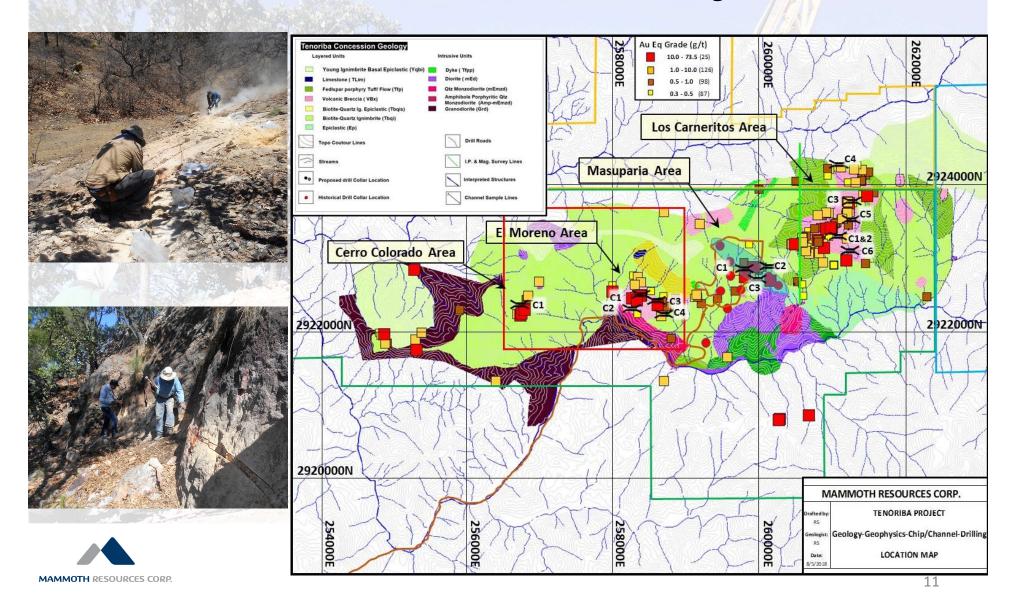
Of 148 samples assayed, 41%, (56 samples) assayed >0.3 g/t gold and an average grade of 2.55 g/t gold





# **MAMMOTH EXPLORATION - Channel Sampling**

14 channels were cut for a total of 151 metres along 5 km of strike



# **Channel Sample Results**

Location	Sample Numbers	Channel Width	True Width	Weighted Average Gold Grade	Weighted Average Silver Grade	Weighted Average Gold Equivalent* Grade
	<u></u>	(m)	(m)	(g/t)	(g/t)	(g/t)
El Moreno 1	330732 to 330740	13.6	11.5	0.64	2.5	0.67
El Moreno 2	330789 to 330800	16.5	16.0	0.38	4.3	0.44
El Moreno 3	330656 to 330659	6.0	5.0	0.28	0.6	0.29
El Moreno 4	330685 to 330673	12.0	11.0	0.23	9.7	0.36
Carneritos 1	330743 to 330750 & 330754 to 330756	15.7	15.5	0.99	6.1	1.07 ★
Carneritos 2	330757 to 330761	7.4	7.0	1.28	8.2	1.36 ★
Carneritos 3	330762 to 330770	13.5	13.5	1.50	3.4	1.55 🛨
Carneritos 4	330695 to 330700 & 330801	10.0	10.0	0.42	7.2	0.51
Carneritos 5	330802 to 330811	11.9	11.9	0.05	0.01	0.08 ←
Carneritos 6	330812 to 330816	6.2	6.2	0.88	4.4	0.94 ★
Masuparia 1	330677 to 330685	13.1	13.1	0.66	0.9	0.67
Masuparia 2	330689 to 330694	6.4	6.4	0.47	10.0	0.61
Masuparia 3	330819 to 330826	12.0	9.7	0.11	1.0	0.12 🗲
Cerro Colorado	330827 to 330831	6.8	6.4	0.54	1.9	0.57
	TOTAL LENGTH:	151.1	WEIGHTED	AVERAGE	GRADE:	0.66
	TOTAL LENGTH**:	129.0	WEIGHTED	AVERAGE	GRADE:	0.77



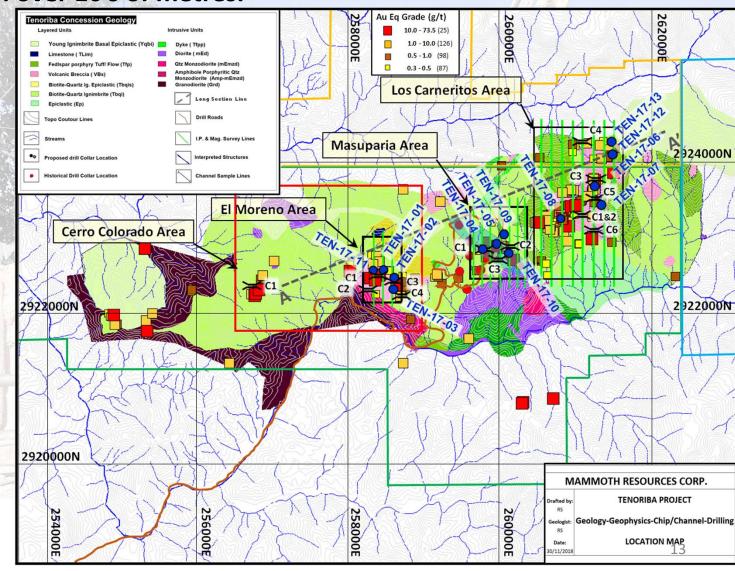
Any gold samples assaying greater than 10 g/t gold were reduced ("cut") to 10 gpt gold in any averaging.

<sup>\*</sup> Gold Equivalent wherein silver grade is converted to gold grade at 75 g/t silver = 1 g/t gold.

<sup>\*\*</sup> After eliminating low grade channels; Carneritos 5 and Masuparia 3

# **MAMMOTH EXPLORATION - Diamond Drilling**

8 of 11 targets tested, diamond drilling assayed potentially economical gold mineralization over 10's of metres.



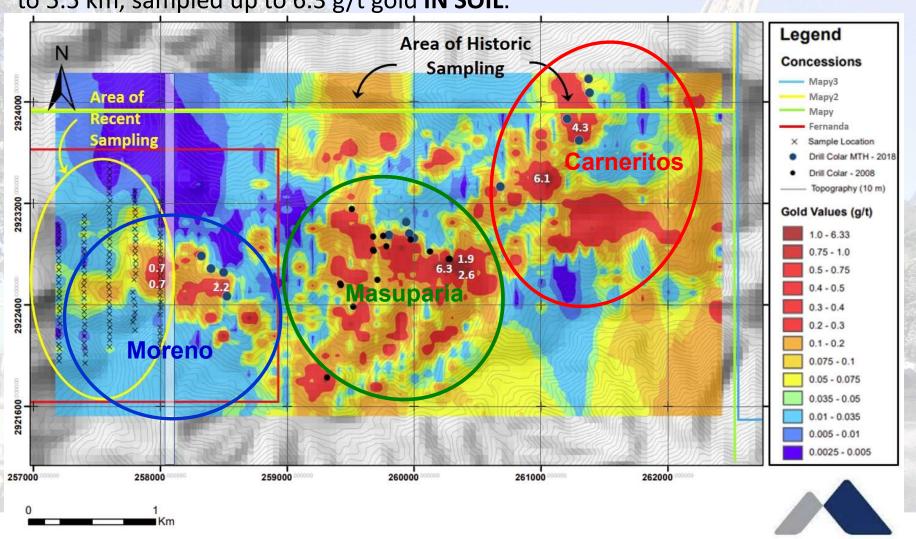


# **Highlight Drill Intervals**

<u>Location</u>	Hole Number	From (m)	<u>To</u> (m)	Total (m)	Weighted Avg Gold <u>Grade</u> (g/t)	Weighted Avg Silver <u>Grade</u> (g/t)	Weighted Avg Copper Grade (%)	Weighted Avg Gold Equivalent* Grade (g/t)
El Moreno	TEN 17 -01	169.0	209.0	40.0	0.77	2.0		0.79
	(including)	198.5	204.5	5.9	3.41	7.2		3.51
	TEN 17 -03	85.0	92.2	7.2	0.23	36.3	3.59	4.34
Masuparia	TEN 17 -04	0.0	10.0	10.0	1.12	1.3		1.13
		45.1	90.5	45.4	0.53	6.6		0.63
	(including)	45.1	59.8	14.7	0.61	16.7		0.86
	(including)	72.5	90.5	18.0	0.78	2.4		0.83
	TEN 17 -05	28.0	55.0	27.0	0.51	8.9		0.63
	(including)	46.6	55.0	8.4	1.30	6.6		1.39
		70.0	93.5	23.5	1.30	1.6		1.32
	(including)	83.5	93.5	10.0	2.89	3.2		2.93
	(including)	86.5	92.0	5.5	4.92	5.1		4.99
	TEN 17 -10	25.5	30.0	4.5	0.42	7.9		0.52
		33.0	37.5	4.5	0.45	2.6		0.48
		58.5	81.0	22.5	0.35	4.3		0.40
		144.5	147.5	3.0	1.31	50.3		1.99
		159.5	162.5	3.0	0.65	5.5		0.72
		170.0	194.0	24.0	0.31	3.7		0.36
Carneritos	TEN 17 -06	43.7	170.5	126.8	0.47	7.2		0.52
	(including)	70.7	129.0	58.2	0.73	3.9		0.80
	(including)	70.7	95.7	25.0	1.10	2.7		1.21
	(including)	95.7	111.0	15.0	0.51	0.4		0.54
	TEN 17 -08	52.5	62.4	14.9	0.58	3.1		0.62

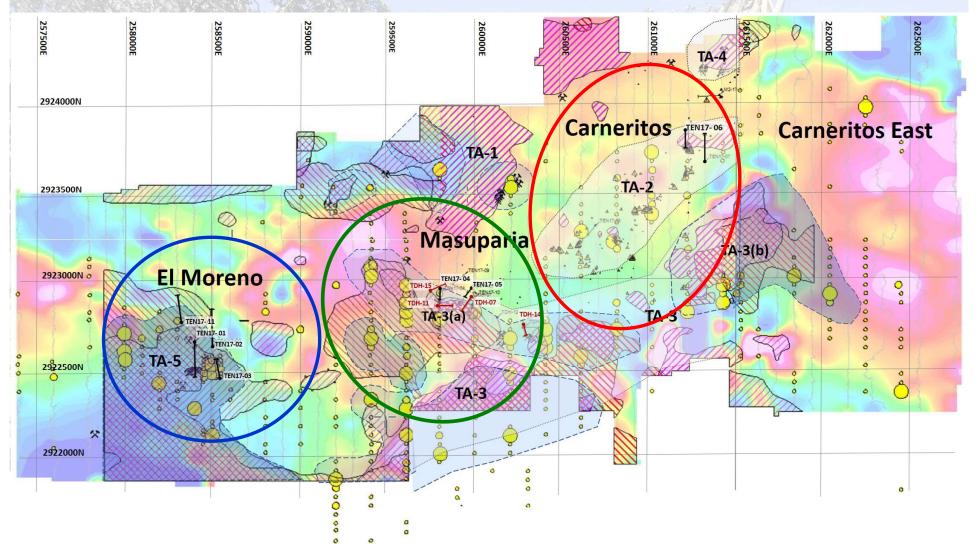
### **2021 Gold in Soil Extension**

**Extension of gold in soil anomaly** - 1 km extension increasing gold-in-soil footprint to 5.5 km, sampled up to 6.3 g/t gold **IN SOIL**.\*



# 2021 Infill Geophysics

63 km in-fill geophysics survey (I/P & Mag) with 3D modelling identified 5 TARGET AREAS over 4 km of a 6 km trend - attractive geophysics features are coincident with prior drilling, surface soil, chip and channel samples.

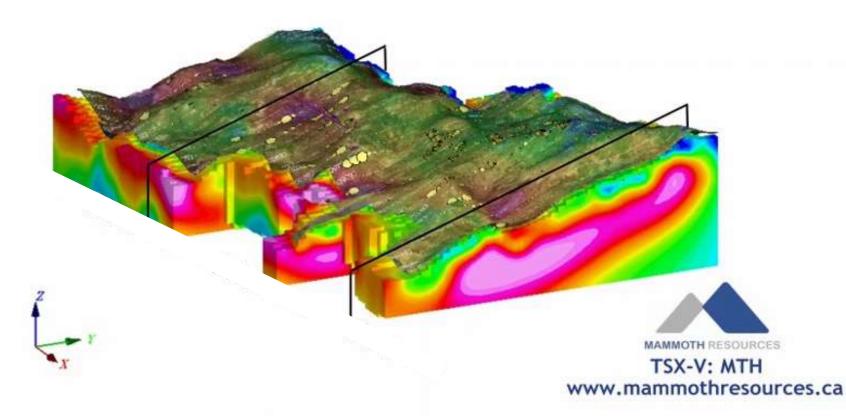


# **2021** Infill Geophysics - 3D modelling

Below surface areas coloured orange through red to pink indicate features attractive for hosting gold-silver mineralization.

TENORIBA ANIMATED 3D CROSS SECTIONAL VIEW

(VIEW LOOKING NORTHWEST)

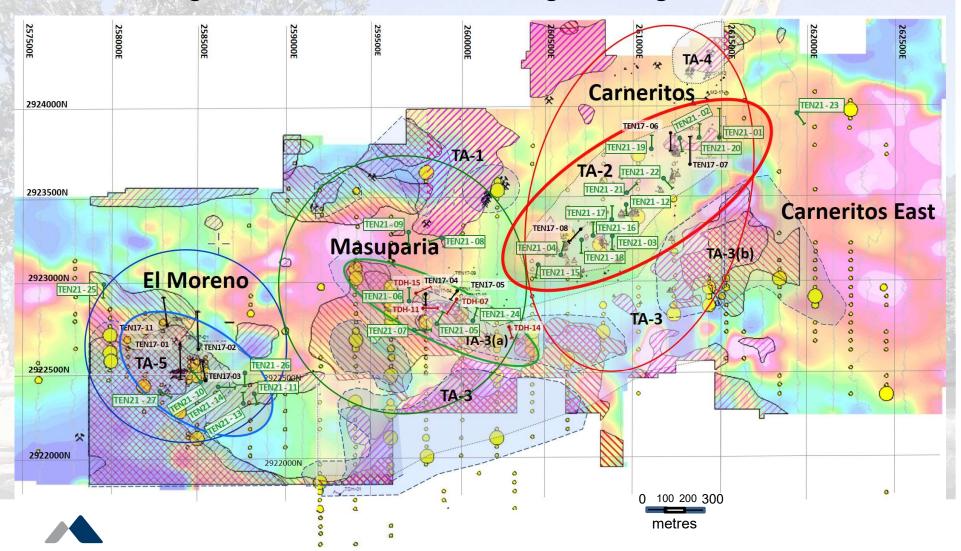




### 2021 - 22 Drill Hole Locations

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2021-22, 27 hole / 3,300 m diamond drill program - 10's of metres of potentially economical gold-silver mineralization blocking-out 3 large areas.



### 2021 - 22 Drill Hole Locations

Panoramic view of drill hole locations over Tenoriba Project terrain (Google Earth image, looking east).





# 2021 Highlight Drill Intervals

Potentially economical gold-silver mineralization in >85% of all holes drilled - weighted average grade = 0.65 g/t Au Eq over average 37.5m interval

	Hole				Weighted Average Gold	Weighted Average Silver	Weighted Average Copper	Weighted Average Gold Equivalent*	
<u>Location</u>	<u>Number</u>	From (m)	<u><b>To</b></u> (m)	Total (m)	<u><b>Grade</b></u> (g/t)	<u><b>Grade</b></u> (g/t)	<u>Grade</u> (%)	<u>Grade</u> (g/t)	
Carneritos	TEN 21-01	7.5	45.0	37.5	0.31	17.1		0.53	
	TEN 21-03	0.0	43.5	43.5	0.54	3.6		0.59	
	TEN 21-12	4.5	51.0	46.5	0.45	5.1		0.51	
	TEN 21-15	24.0	54.0	30.0	0.52	8.4		0.63	
	TEN 21-16	0.0	12.0	12.0	0.60	0.7		0.61	
	(plus)	24.0	102.2	85.7	0.44	2.3		0.47	
	TEN 21-17	0.0	33.0	33.0	0.60	2.8		0.64	
	TEN 21-18	0.0	81.0	81.0	0.45	2.3		0.48	
	TEN 21-21	0.0	48.0	48.0	1.11	7.4		1.21	
Masuparia	TEN 21-06	0.0	18.0	18.0	1.21	1.5		1.23	
	TEN 21-24	52.5	91.5	39.0	1.14	5.4		1.22	
Moreno	TEN 21-13	0.0	37.5	37.5	0.98	15.1		1.18	
	(including)	10.5	28.5	18.0	1.13	21.4	0.55	2.34	

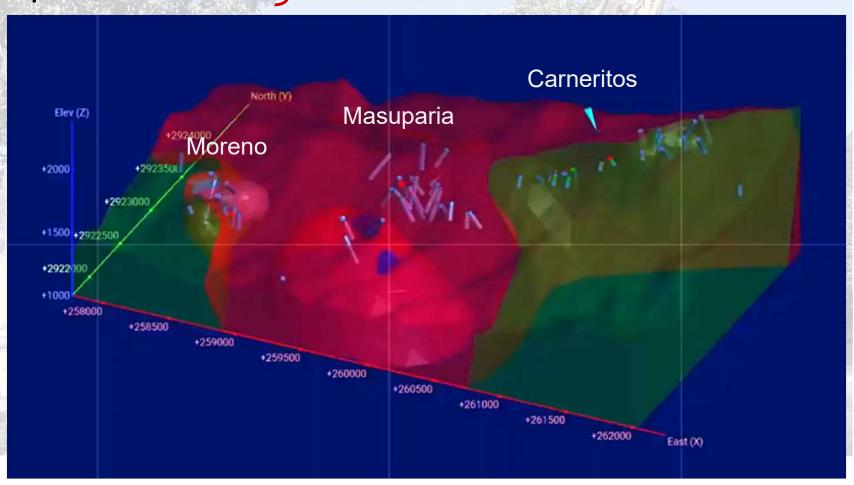
<sup>\*</sup> Gold Equivalent where silver is converted to gold at 75 g/t silver = 1 g/t gold = 13.0 lbs copper.

# 2022 Drill Program Follow up

Third party resource expert assessed drill spacing for a maiden Inferred resource.

- Moreno & Carneritos 80 m
- Masuparia 40 m

~100 - 150 drill holes to 50 m depth = maiden resource



# **Tenoriba Exploration Target**

Employing all historical drill results, Mammoth geologists studied the **Exploration Target** (gold-silver mineral resource potential) at Tenoriba.

- Initial Target within surface to shallow oxidized-mixed mineralized horizon for open pit - heap leach potential
- Separate study of deeper sulfide horizon.
- Surface area boundaries based on geology, presence of gold and geophysics.
- Average grade and estimated interval thickness based on drill data.

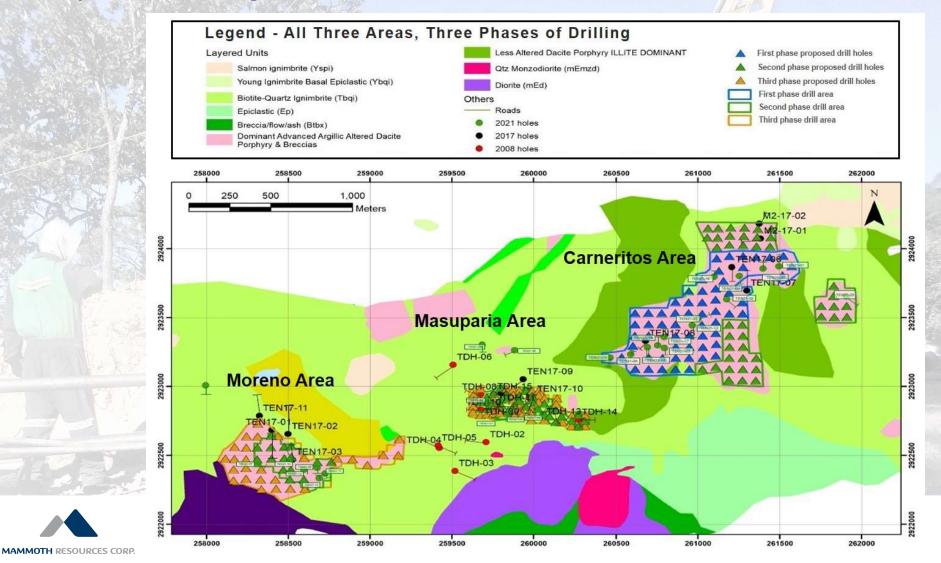
1.69 to 1.88 million oz gold Eq (gold + silver) Exploration Target was identified in the three principle gold-silver mineralized areas at Tenoriba.

Exploration Target - All Three Areas, All Three Phases of Drilling						
OXIDE-MIXED SULFIDE COMBINED*						
<b>Total Surface Area</b> (square m) <b>1,200,819 1,200,819 1,200,819</b>						
Total Calculated Tonnage (tonnes) 53,269,759 42,850,160 96,119,919						
Weighted Average Grade (gold equivalent)	0.59	0.64	0.61			
TOTAL CALCULATED GOLD EQ OUNCES*	1,005,953	878,229	1,878,127			
TOTAL ADJUSTED GOLD EQ OUNCES* (90%)	917,219	769,959	1,687,178			



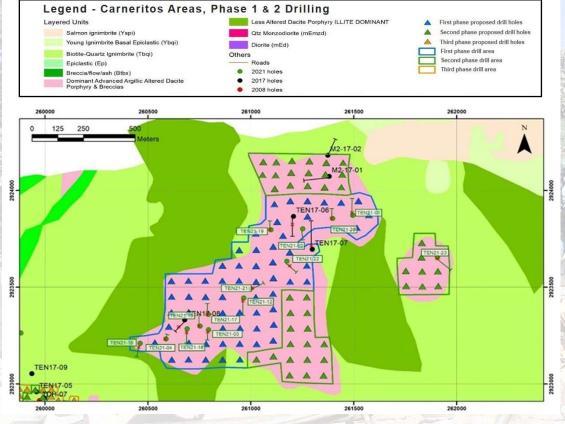
## **Tenoriba Exploration Target - 3 Principle Areas**

Drilling spread among the 3 principle areas of known mineralization over 3 phases of drilling – 163, 50 m drill holes in Phase 1 & 2



### **Tenoriba Exploration Target - Carneritos Area**

Carneritos area drilling - only 5,000 m drilling (100, 50 m depth holes) has the potential of defining up to 800,000 gold Eq ozs in shallow Oxide-Mixed horizon



PHASE 1 DRILLING - CARNERITOS						
	OXIDE-MIXED	SULFIDE				
Surface Area (square m)	481,638	481,638				
No. of Mineralized Drill Holes	15	9				
No. of Mineralized Drill Intercepts	18	10				
Average True Intercept Width (m)	24.2	14.9				
Rock Density (tonne/m³)	2.4	2.4				
Calculated Tonnage (tonnes)	27,973,535	17,223,375				
Average Grade (gold equivalent)	0.59	0.48				
Gram/tonne to Troy oz/tonne Grade Conversion	31.1	31.1				
Calculated Gold Eq Ounces	530,688	265,827				
Gold Eq Ounces (adjusted for drilling success - 94%)	498,847	249,877				
PHASE 2 DRILLING - CARNERITOS						
	OXIDE-MIXED	<u>SULFIDE</u>				
Surface Area (square m)	267,227	267,227				
No. of Mineralized Drill Holes	17	9				
No. of Mineralized Drill Intercepts	19	12				
Average True Intercept Width (m)	24.4	13.0				
Rock Density (tonne/m³)	2.4	2.4				
Calculated Tonnage (tonnes)	15,648,813	8,337,482				
Average Grade (gold equivalent)	0.57	0.48				
Gram/tonne to Troy oz/tonne Grade Conversion	31.1	31.1				
Calculated Gold Eq Ounces	286,811	128,681				
Gold Eq Ounces (adjusted for drilling success - 94%)	269,602	120,960				
TOTAL CALCULATED GOLD EQ OUNCES	917.400	204 509				
	817,499	394,508				
TOTAL ADJUSTED GOLD EQ OUNCES (94%)	768,449	370,838				

Phase 1 drill program - 60 holes, 50 m depth Phase 2 drill program - 42 holes, 50 m depth Potential for 800,000 gold Eq ounces in shallow Oxide-Mixed horizon *PLUS* Sulfide potential

1,212,007

1,139,287

TOTAL CALCULATED GOLD EQ OUNCES

TOTAL ADJUSTED GOLD EQ OUNCES\* (94%



## **Tenoriba Exploration Target - All Areas**

3 Phase drilling to outline *Inferred, Oxide-Mixed* (open pit/heap leach) resource all 3 known, mineralized/drilled areas

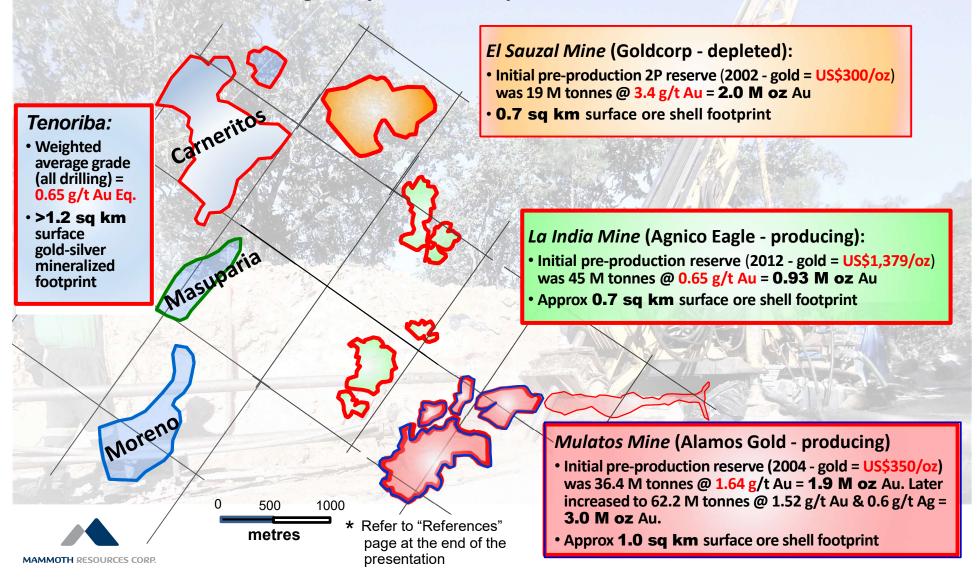
- Phase 1 Carneritos Area 60, 50 m depth holes to define potential 530,690 oz gold Eq. Quoted cost to drill of \$1.50 per Target gold Eq ounce.
- Phase 2 Carneritos Area (2<sup>nd</sup> phase), Masuparia & Moreno (1<sup>st</sup> phase) 103, 50 m depth holes, potential 381,000 oz gold Eq.
- Combined Phase 1 & 2 drilling = potential 624,160 ozs gold Eq Inferred mineral resource over 153 shallow, 50 m drill holes.

Compelling <\$2.00 per gold Eq ounce cost to define a large >800,000 oz Exploration Target with small investment of 100 shallow drill holes in area where 90% of prior drilling encountered 10's of metres of mineralization.



### **Comparative Surface Gold Footprints**

Tenoriba's gold-silver mineral footprint compares favourably with other >1.0 million ounce *High Sulphidation* deposits in the Sierra Madre of Mexico\*.





#### **Corporate Information**

#### **Contact Information**

Exchange/Symbol: TSXV: MTH

52 week hi/low: \$0.03/0.01

Shares issued: **67.1M** 

Fully diluted: **71.5M** 

10 day VWAP: \$0.20

Market cap. (basic): \$1.3M

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