Profitable Production, Compelling Growth

October 2021

MANI

TSX: EDR | NYSE: EXK

www.edrsilver.com



### **Cautionary Note**

This presentation contains "forward-looking statements" within the meaning of the United States private securities litigation reform act of 1995 and "forward-looking information" within the meaning of applicable Canadian securities legislation. Such forward-looking statements and information herein include, but are not limited to, statements regarding Endeavour's anticipated performance in 2021 and future years, including revenue, cash flow, operating and capital cost forecasts, silver and gold production, timing and expenditures to explore and develop new mines and mineralized zones, silver and gold grades and recoveries, cash and all-in sustaining costs per ounce, initial and sustaining capital expenditures, and the use of the Company's working capital. The Company does not intend to, and does not assume any obligation to update such forward-looking statements or information, other than as required by applicable law.

Forward-looking statements or information involve known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Endeavour and its operations to be materially different from those expressed or implied by such statements. Such factors include, among others: uncertainty of the ultimate impact of the COVID 19 pandemic on operations, fluctuations in the prices of silver and gold, fluctuations in the currency markets (particularly the Mexican peso, Canadian dollar and U.S. dollar); fluctuations in the price of consumed commodities, changes in national and local governments, legislation, taxation, controls, regulations and political or economic developments in Canada and Mexico; operating or technical difficulties in mineral exploration, development and mining activities; risks and hazards of mineral exploration, development and mining (including environmental hazards, industrial accidents, unusual or unexpected geological conditions, pressures, cave-ins and flooding); inadequate insurance, or inability to obtain insurance; availability of and costs associated with mining inputs and labour; the speculative nature of mineral exploration and development, reliability of calculation of mineral reserves and resources and precious metal recoveries, diminishing quantities or grades of mineral reserves as properties are mined; risks in obtaining necessary licenses and permits, global market events and conditions and challenges to the Company's title to properties; as well as those factors described in the section "risk factors" contained in the Company's most recent form 40F/Annual Information Form filed with the S.E.C. and Canadian securities regulatory authorities

Forward-looking statements are based on assumptions management believes to be reasonable, including but not limited to: the continued operation of the Company's mining operations, no material adverse change in the market price of commodities, mining operations will operate and the mining products will be completed in accordance with management's expectations and achieve their stated production outcomes, and such other assumptions and factors as set out herein.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or information, there may be other factors that cause results to be materially different from those anticipated, described, estimated, assessed or intended. There can be no assurance that any forward-looking statements or information will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements or information. Accordingly, readers should not place undue reliance on forward-looking statements or information.



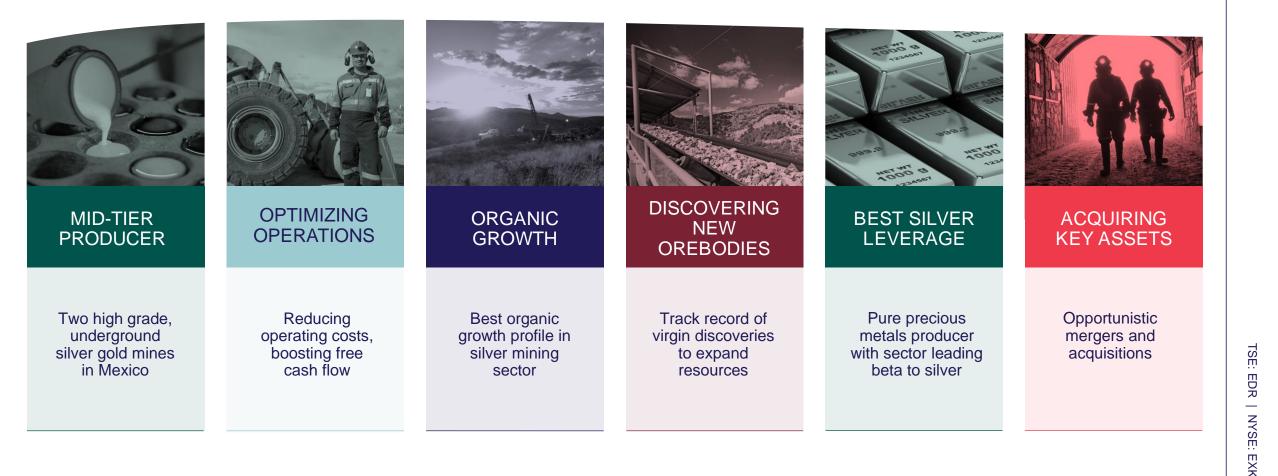
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### **Investor Highlights**





operations at El Compas in August 2021

## 2020 Sustainability Highlights

2020 was a year of global challenge, however we united in the face of adversity. We augmented standard safety procedures with COVID-19 protocols to protect our workforce with minimal disruption to the business and distributed 2,200 COVID-19 tests and personal protective equipment (PPE) to local Mexican households and health centers.



Achieved a **25% reduction** in the Reportable Injury Rate



Implemented an employee empowering Safety Culture, "Te Cuido"



Provided an average of **21 hours** training for each employee, despite pandemic restrictions



Deployed the **ICARE Values** program, "The Endeavour Way"



Supported **142 local students** with scholarships

Planted 44.000 trees in

reforestation programs



Recycled over 90%

mineral processing

of water used in

Donated **534 tablets** to students for online learning



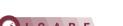
Reduced absolute greenhouse gas (GHG) emissions by **34%** 



**99%** of our workforce is local, providing **\$32.4 million** in employee wages and benefits

E.

Spent **\$136 million** on goods and services, **96%** of total procurement is from within Mexico.



HEALTH & SAFETY

OUR PEOPLE

COMMUNITY

ENVIRONMENT

ECONOMIC VALUE

### **Recent Highlights**

#### YTD Q3 Production Ahead of Plan, Improved Guidance

3.4 million oz silver and 32,816 oz Au for 6.1 million oz AgEq<sub>(3)</sub> (+39% Y-o-Y)

#### Robust Economics in Terronera Feasibility Study (1)

- \$174 million NPV (5% after tax), 20% IRR
- 3.6 years pay back period
- \$175 million initial CAPEX
- LOM 12 years; LOM AISC of \$3.24 net of by production

#### Early Works Underway at Terronera

- Front end engineering, procurement and site clearing have commenced
- Board approved additional \$13 million development budget until yearend
- Development decision in Q4, subject to completion of project financing

#### Completed Acquisition of Bruner Gold Project (2)

- Advanced stage exploration project in favorable jurisdiction
- \$10 million cash purchase price
- Exploration plans to be provided in 2022

#### Improved Q2 Financial Performance Y-o-Y

- Revenue, earnings, mine operating cash flow improved significantly
- Cash at \$125 million; working capital of \$146.8 million

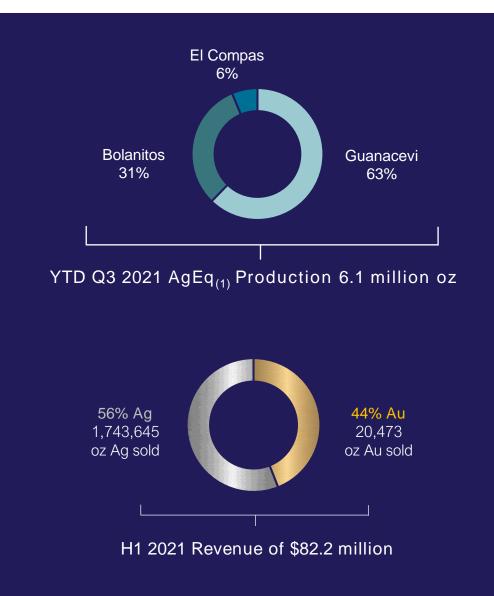
#### Operating Costs Higher than Guidance

• Q2 Cash cost (2) increased to \$13.03 per oz Ag; Q2 AISC (4) increased to \$25.39 per oz Ag due to global supply chain constraints creating inflationary pressures, royalty costs, higher labour costs, a strengthening Peso and increased operating development at Guanacevi

1. Economic 2. See news 3. Silver equ

1. Economics use base case scenario at \$20/ oz silver and \$1575 / oz gold

- 2. See news release dated September 1, 2021 for full details on agreement to acquire the Bruner Gold Project
- 3. Silver equivalent at an 80:1 gold: silver ratio
- . See Non-IFRS Measures disclosure in appendix



### 2021 Production Guidance Raised

- **Consolidated Production increased** due to continued strong performance at Guanacevi due to higher grades and milled tonnes
- Cost outlook remains unchanged due to higher royalties and mining duties, primarily at Guanacevi
- Terronera feasibility study completed, additional \$13 million added to development budget until year-end
- Parral drill program focused on expanding resources
- Chile drill program has strong discovery potential



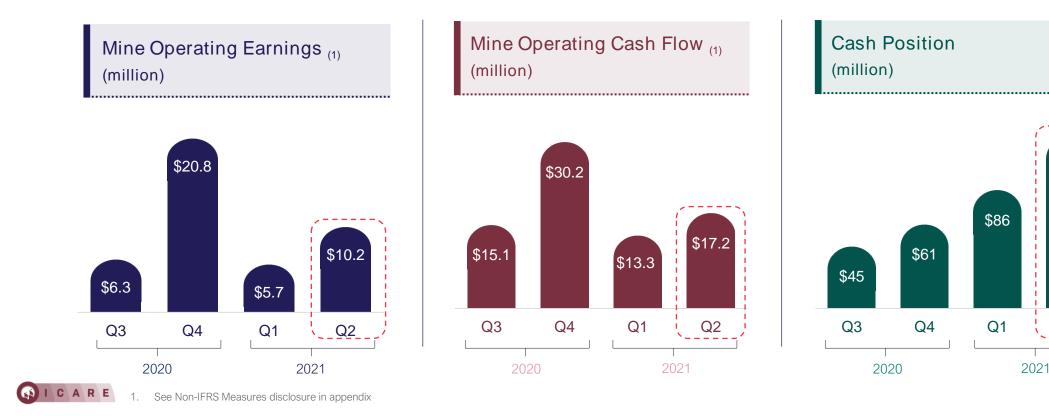
	Guanacevi	Bolanitos	El Compas	Consolidated
Tonnes/ Day (TPD)	1,000 – 1,200	1,000 - 1,200	200 – 250	2,400 – 2,650
Silver Production (M oz)	4.0 - 4.2	0.4 - 0.5	0.1 - 0.1	4.5 - 4.8
Gold Production (K oz)	12.0 – 13.0	24.0 - 25.0	4.1 - 4.1	40.1 - 42.1
Silver Eq Production (M oz) <sup>(1)</sup>	5.0 - 5.2	2.3 – 2.5	0.4 - 0.4	7.7 – 8.0
Cash Costs, net of gold by-product credits (US\$/oz) <sup>(2)</sup>				\$7.00 - \$8.00
AISC, net of gold by-product credits (US\$/ oz) $^{\left( 2\right) }$				\$19.00 - \$20.00
Sustaining Capital Budget (US\$M)				\$30.8
Development Budget (US\$M)				\$22.0
Exploration Budget (US\$M)				\$10.2



Silver equivalent at an 80:1 gold: silver ratio
 See Non-IFRS Measures disclosure in appendix

### **Financial Strength Growing**

- Solid Balance Sheet fueled by mine free cash flow generation and minimal long term debt
- Significant Mine Free Cash Flow aided by improved operational performance and higher prices
- Completed Sale of El Cubo in Q2 for proceeds of \$19.8 million in cash and share payments with the potential for up to \$3 million in contingent payments in the future



\$125

Q2



### Guanacevi Mine, Durango



- Historical production since 2005:
  - 38 mil oz Ag, 88k oz Au
- Improved financial performance through stronger grades & profitability
- 2021 planned mill feed:
  - El Curso, 60%
  - Santa Cruz Sur, 30%
  - Milache, 10%
- LOM + 7 years
- Reserves (1): 1.1 million tonnes at 417 g/t AgEq containing 14.6 million AgEq oz
- Resources (1): 660k tonnes at 435 g/t AgEq containing 9.3 AgEq oz
- Expecting mineral reserve increase in 2022 from exploration results

Full details in the appendix, under Reserves and Resou

### Guanacevi – Production Ahead of Plan

#### **RECORD Q3 PRODUCTION**

Strong performance reflects higher throughput and grades, resulting in a 20% increase in the production outlook for 2021

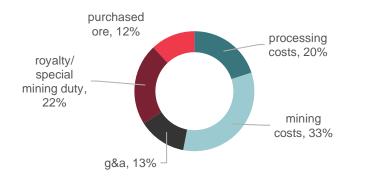
#### **IMPROVED MINE PLAN**

Mining the new, higher grade El Curso orebodies has led to significantly improved grades and mine plan flexibility.

#### SLIDING SCALE ROYALTY ON AG PRICES

Operating costs increased due to purchased ore from local miners, increased labour costs, and royalty and special mining duty costs due to profitability

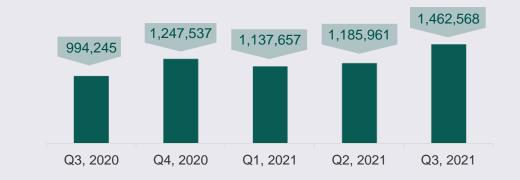
#### Q2, 2021 Direct Cost Per Tonne



I C A R E

Silver equivalent at an 80:1 gold: silver ratio
 See Non-IFRS Measures disclosure in appendix

#### AgEq Quarterly Production (oz) (1)

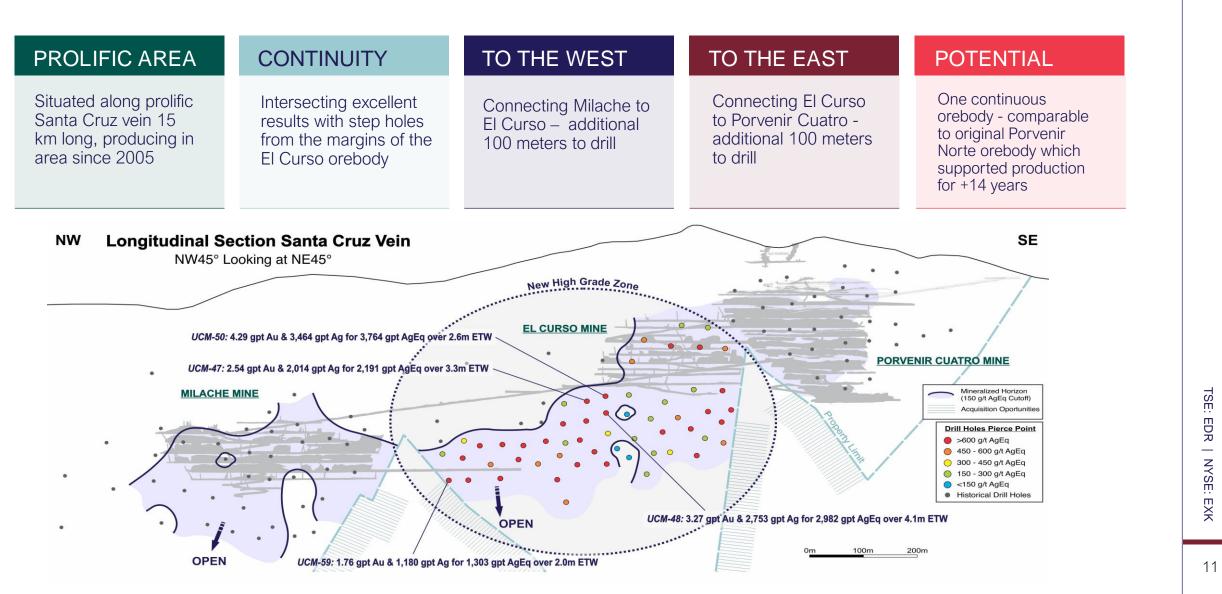


#### **Operating Trends**

	Q3, 2021	Q3, 2020	Change (%)
Tonnes Produced (tpd)	1,147	911	26%
Ag Grade (gpt)	387	336	15%
Au Grade (gpt)	1.13	0.95	19%
Cash Costs (2)	n/a	\$9.64	n/a
All-in Sustaining Costs (2)	n/a	\$17.76	n/a

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### Guanacevi - Opportunity to Expand El Curso Orebody



# Bolanitos Mine,

### Guanajuato



- Historical production since 2007:
  - 16 mil oz Ag, 295k oz Au
- Improved operational and financial performance
- 2021 planned mill feed:
  - Lucero, 35%
  - San Miguel, 25%
  - La Luz, 40%
- Reserves (1): 313,000 tonnes at 251 g/t AgEq containing 2.5 million AgEq oz
- Resources (1): 468k tonnes at 341 g/t AgEq containing 5.1 million AgEq oz



### Bolanitos – Production on Plan

#### DEVELOPING NEW ORE BODIES

Focused on developing Belen vein and expanding production from Melladito vein; both new areas have multiple drill targets

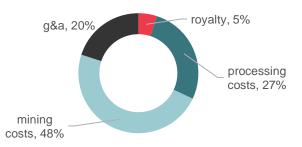
#### **Q3 PRODUCTION**

Throughput ahead of plan, offset by lower ore grades due to normal variations in the ore body

#### Q2 COSTS

Direct production costs increased due to higher waste tonnes handled and higher labour costs; unit costs decreased due to higher gold by product credit

#### Q2, 2021 Direct Cost Per Tonne





#### AgEq Quarterly Production (oz) (1)



#### **Operating Trends**

	Q3, 2021	Q3, 2020	Change (%)
Tonnes Produced (tpd)	1,171	1,075	9%
Ag Grade (gpt)	41	42	(2%)
Au Grade (gpt)	1.98	2.04	(3%)
Cash Costs (2)	n/a	(\$40.89)	n/a
All-in Sustaining Costs (2)	n/a	\$10.51	n/a



### El Compas Mine, Zacatecus



- Mine & plant leased from Mexican Government
- Mine is scalable subject to purchasing or discovering additional mineral resources
- Potential to double plant capacity to 500 tpd by refurbishing additional ball mill
- Represents 5% of consolidated production
- Multiple exploration targets represent discovery opportunities
  - Satellite target: Calicanto returned drill results incl. 269 gpt Ag & 5.5 gpt over 1.1m



## El Compas – Suspension of Operations

#### **TEMPORARY CARE & MAINTANENCE**

Management suspended operations in mid-August due to limited reserves

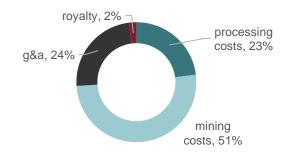
#### **Q3 PRODUCTION**

Final stockpiles processed and company personnel have been transferred to other sites or laid off

#### VALUE CREATION OPPORTUNITIES

Management is evaluating several opportunities

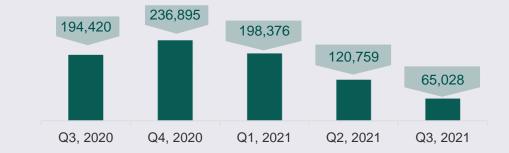
#### Q2, 2021 Direct Cost Per Tonne





Silver equivalent at an 80:1 gold: silver ratio
 See Non-IFRS Measures disclosure in appendix

#### AgEq Quarterly Production (oz) (1)



#### **Operating Trends**

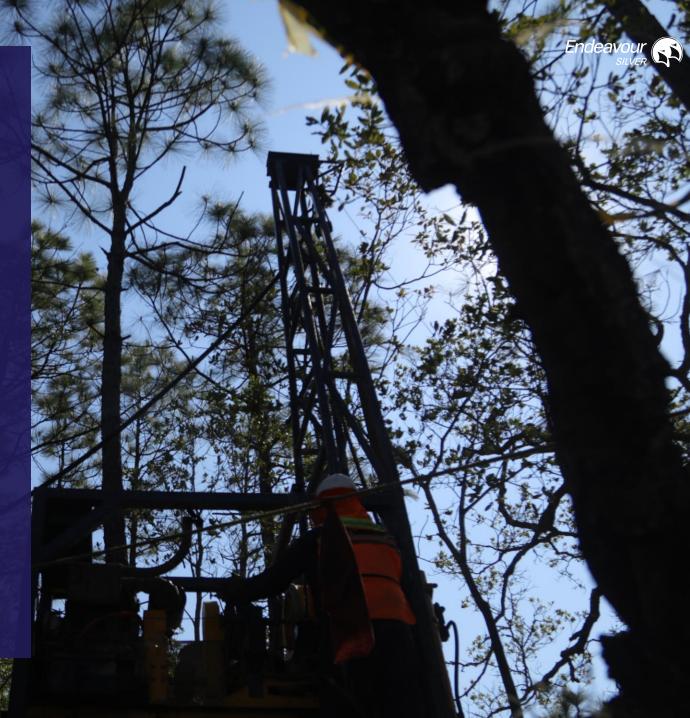
	Q3, 2021	Q3, 2020	Change (%)
Tonnes Produced (tpd)	192	256	(4%)
Ag Grade (gpt)	24	48	(36%)
Au Grade (gpt)	1.81	3.98	(40%)
Cash Costs (2)	n/a	\$0.44	n/a
All-in Sustaining Costs (2)	n/a	\$40.39	n/a

### Terronera Project, Jalisco



#### 2020 Reserve, Metals Mix

- Endeavour's next core asset
- Acquired option to purchase in 2010
- To date, invested +\$30 million on project
  - Completed 6 technical reports
  - +105,000 meters in drilling
- 2 defined ore bodies:
  - Terronera vein
  - La Luz vein
- Proposed LOM + 12 years
- Reserves (1): 7.4 million tonnes at 374 g/t AgEq containing 88.8 million AgEq oz



K: EDR

NYSE: EXK

## Terronera – A Unique Opportunity in the Silver Mining Industry

#### LARGE, HIGH GRADE UG MINE POTENTIAL

- Endeavour's largest mine and next core asset
- Construction ready, subject to board approval

#### DOUBLES CONSOLIDATED PRODUCTION

LOM 3.3 million oz per year silver and 33,000 oz per year gold for a • 12 year mine life (5.9 million Ag Eg oz  $_{1}$ )

#### 1,700 TPD CAPACITY UNDERGROUND MINE

- High grade vein system
- Flotation plant producing high grade bulk sulfide concentrates

#### FEASIBILITY STUDY DELIVERS ROBUST ECONOMICS (3)

- After tax NPV 5% = \$174 million, •
- IRR = 21.3%. ٠
- Payback Period = 3.6 years
- \$175 million initial CAPEX

#### LOW-COST MINE DRIVES PROFITS

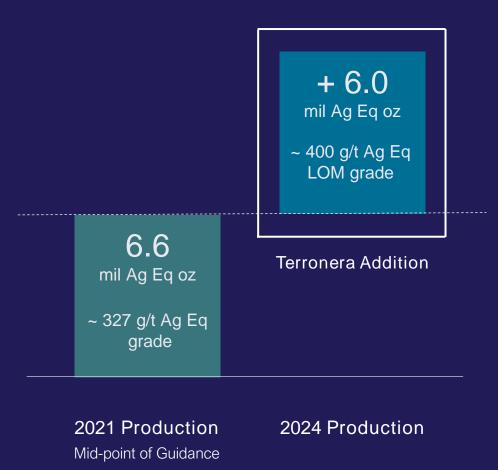
- \$0.59 per oz Cash Cost, \$3.24 per oz MAISC
- \$175 million initial capex



Silver equivalent at an 79:1 gold: silver ratio See Non-IFRS Measures disclosure in appendix

#### Base case prices of \$20 silver and \$1,575 gold

### **100% ORGANIC GROWTH IN 2 YEARS**



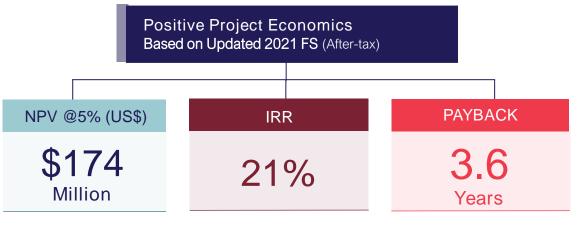
## Terronera – Improvements in the Feasibility Study



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### Terronera – Robust Project Economics

Operating & Financial Metrics (2)	2021 FS <sub>(1)</sub>
LOM tonnes processed (thousands)	7,380
Life of Mine (Years)	12
Average silver grade (g/t)	197
Average gold grade (g/t)	2.25
Silver equivalent grade (g/t) Base Prices	374
Avg annual Ag ounces produced (millions)	3.3
Avg annual Au ounces produced (thousands)	33
Avg annual Ag Eq ounces produced (millions)	5.9
LOM Revenue (\$, millions)	1,406
LOM EBITDA (\$, millions)	763.7
LOM Free cash flow, after tax (\$, millions)	311.4







 See Appendix for full base case assumptions in the 2021 FS. Silver and gold price assumptions were \$20/ oz Ag and \$1,575 / oz Au. The implied silver equivalent ratio is 79:1
 See Non-IFRS Measures disclosure in appendix

### Terronera – 2021 FS Base & Spot Case Highlights



3.3 million oz silver and 33,000 oz gold LOM Annual Production

12 year mine life with 5.9 million oz of Ag Eq at 374 gpt (79:1 ratio)

\$175 million initial capital
expenditure
And \$106 million LOM sustaining capital

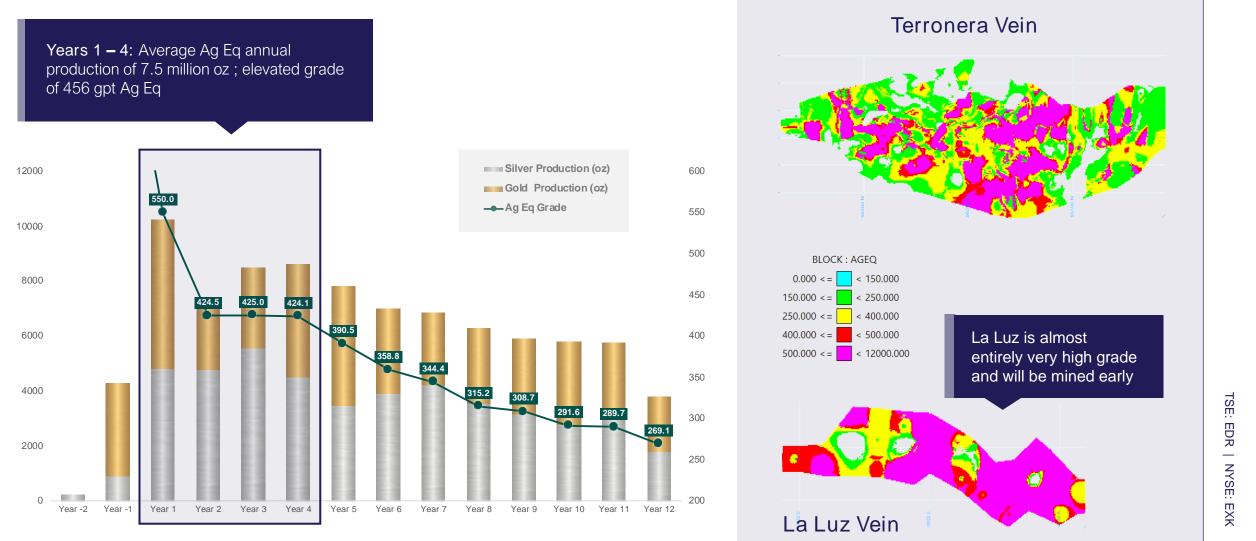
\$87.05 total Direct production cost per tonne

	FS BASE CASE	FS SPOT CASE
Silver price (oz)	\$20.00	\$24.00
Gold price (oz)	\$1,574	\$1,800
Gold: silver ratio	79:1	75:1
NPV (5% after-tax)	\$174 million	\$282 million
IRR (after-tax)	21%	30%
Payback Period	3.6	2.5
LOM cash cost, net of gold by- product credit	\$0.54/ oz	(\$1.51) /oz
LOM AISC, net of gold by- product credit	\$3.24/ oz	\$1.15 /oz
Average annual after-tax free cash flow once in production	\$40 million	\$52 million
After tax cumulative undiscounted free cash flow	\$311 million	\$467 million



20

### **Terronera - Production and Grade Profile**



• Silver equivalents are calculated at a 79:1 ratio, using base case prices of \$20/oz Ag, \$1,575/ oz Au



### **Terronera - Exploration Opportunities**

#### WITHIN RESOURCE FOOTPRINT

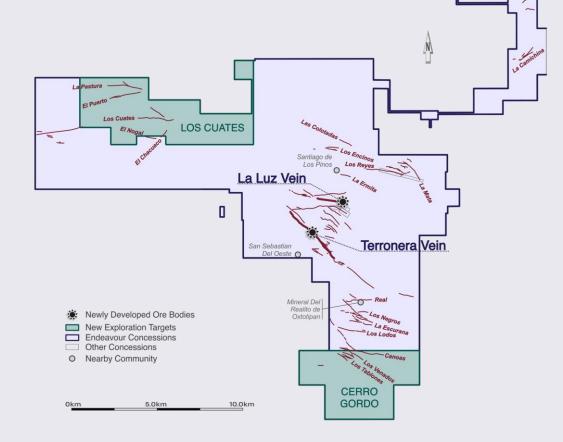
- 2 defined ore bodies: Terronera & La Luz open to surface & at depth
- 3 main areas for resource expansion potential:
  - Deep central area
  - Central north
  - Shallow Santa Gertrudis El Hundido area

#### OUTSIDE RESOURCE FOOTPRINT

- Newly identified regional targets, proximal to Terronera
  - <u>San Simon</u> 9.78 gpt Au and 214 gpt Ag for 899 gpt AgEq (1) over 1.35m ETW (2)
  - <u>Fresno</u> 6.05 gpt Au and 1,056 gpt Ag for 1,479 gpt AgEq over 2.88m ETW
  - <u>Lindero</u> 2.63 gpt Au and 25 gpt Ag for 209 gpt AgEq over 1.08m ETW
  - <u>Pendencia</u> 1.09 gpt Au and 445 gpt Ag for 521 gpt AgEq over 1.08m ETW
  - <u>Los Cuates</u> 1.36 gpt Au and 156 gpt Ag for 251 gpt AgEq over 1.21m ETW

#### TERRONERA PROJECT SURFACE VIEW

- Endeavour controls 25 concessions totaling 20k hectares
- +50 mines on +50 known veins
- Thick veins widths averaging 1-30 meters thick
- High-grade averaging 400 1,000 gpt Ag Eq
- \$2.5 million (16,000m) allocated for 2021 drilling



San Feli

de Hija



### **Terronera - Project Timeline**

#### **PROJECT MANAGEMENT TEAM**

- Significant global construction & operating experience
  - Escobal Mine, Guatemala
  - Buritica Mine, Colombia
  - Engaging with local government and state ministries • to align sustainability objectives

#### 2021 DEVELOPMENT BUDGET INCREASED

Additional \$13 million approved upon completion of FS until year end for early works

#### EARLY WORKS ADVANCING

- Temporary camp construction
- Forestry prep work & site clearing
  - Within permitted areas (Portal #1 & #2) •

#### ENGINEERING WORK UNDERWAY

Detailed & basic is advancing with procurement activities

#### 24 MONTH SCHEDULE

Full construction will commence once a formal development decision has been reached by the Board, upon completion of project debt financing in Q4, 2021

MILESTONES (1)	H2 21	H1 22	H2 22	H1 23	H2 23	H1 24
Formal Construction Decision						
Basic & Detailed Engineering						
Procurement						
Construction						
Underground Development and Stockpile Growth					A	
Trade off Studies						
Commissioning						



### Terronera - The Right Formula for Value Creation



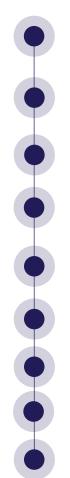
#### **RESPONSIBLE DEVELOPMENT**

- New model mine with ESG focus
- Incorporating Equator Principles to meet financing requirements

#### ROBUST ECONOMICS (1)

- After tax NPV 5% = \$174 million,
- IRR = 21.3%,
- Payback Period = 3.6 years

### **Terronera - Upside Opportunities**



CARE

**EXPAND RESOURCES & RESERVES** – exploration drilling within current resource footprint and drilling in newly identified regional targets.

**MINING METHOD** – additional geotechnical drilling to increase confidence in ground conditions; potential for more long hole mining and/or increased production rates and lower costs.

**RECOVERY IMPROVEMENTS** – evaluate alternatives for grinding and flotation circuits.

**PROCESS PLANT CAPACITY** – provisions to increase throughput from current reserves or as sources become available through district discoveries.

**OPTIMIZE LAYOUT** – to reduce earthworks volumes.

USED EQUIPMENT - to reduce cost and lead time.

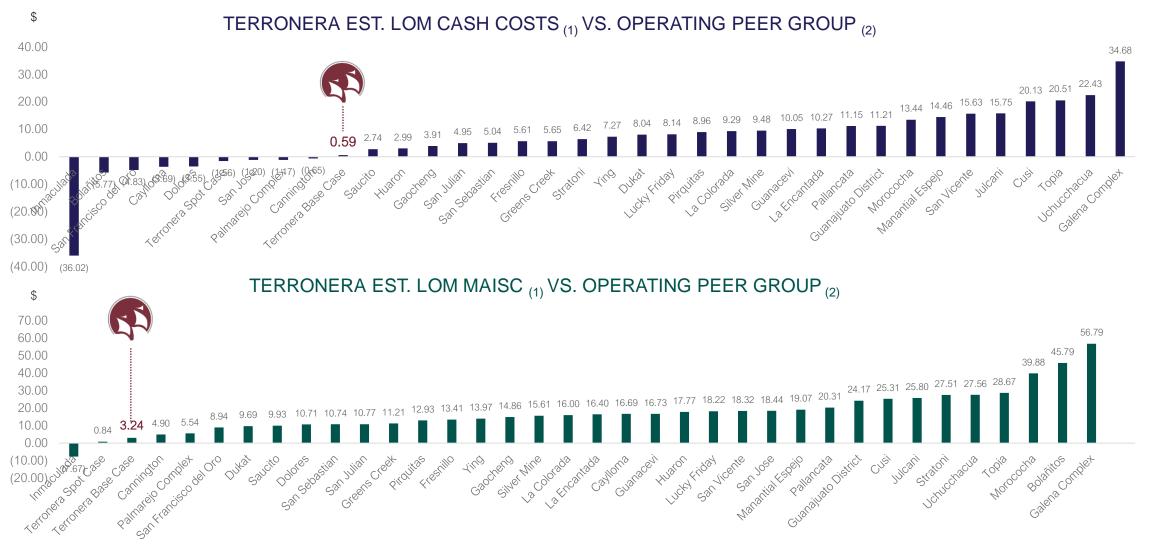
FILTER TAILINGS PLANT LOCATION - to reduce haulage distance.

**POWER PLANT LOCATION** – to minimize LNG transport cost and public road usage.

**GEOTECHNICAL** – to reduce earthworks drill and blast rock and overall excavated volumes.



### Terronera - Operating Cost Comparison





### Parral Project, Chihuahua



#### Resource metals mix

• Acquired Parral from SSR Mining in 2016

- Located in prolific silver mining district
  - 4 distinct mineralized vein systems
    - Veta Colorado
    - San Patricio
    - Palmilla
    - Cometa



### Parral – Next Potential Core Asset

#### HISTORIC SILVER PRODUCING DISTRICT

- Existing development/ access to ore from past producers
- Historic annual production was 4 million Ag oz until 1990
- Indicated Resource<sub>(1)</sub> 3.7 million oz Ag
- Inferred Resource<sub>(1)</sub> 36.8 million oz Ag; 21,800 oz Au
- Objective: Define 60 million oz Ag Eq in Resources to commence PEA that models production

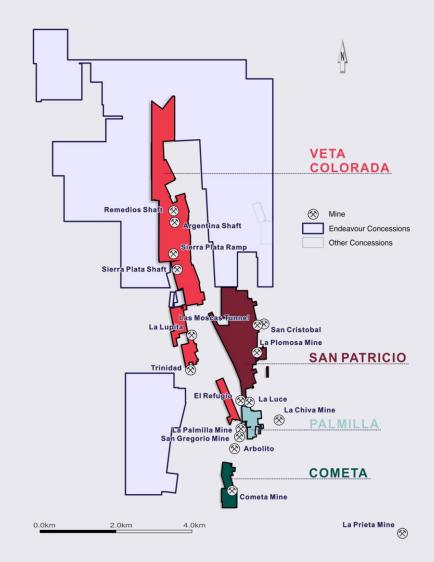
#### DISTRICT SCALE OPPPORTUNITY

- Endeavour controls 4 old mines on multiple veins totaling 3,450 hectares or 35 km<sup>2</sup>
- District contains several known deposits including Santa Barbara, San Francisco, Cordero and La Cigarra

#### 4 MINERALIZED AREAS

- Palmilla highest silver grade mine in Mexico in 1800's, provided silver to Mexican mint
- Veta Colorada mine produced 4 million oz Ag per year prior to closing in 1990 due to low silver price – historic IMMSA resource in place

#### PARRAL PROJECT SURFACE VIEW



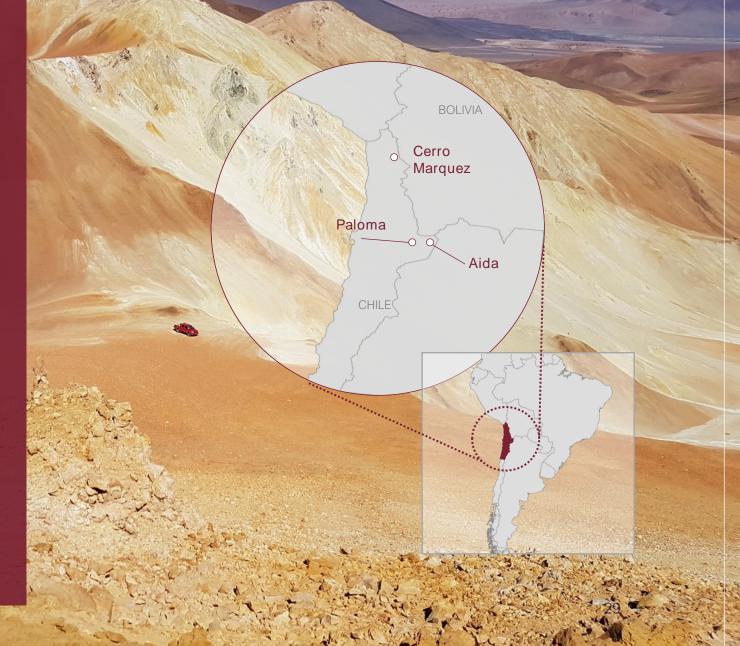




### High Impact Discovery Potential in Chile

#### Why Chile?

- World class deposits Chilean porphyry copper, epithermal gold and Bolivian epithermal silver belts all extend into northern Chile
- Exposure to bulk tonnage discoveries enhance Endeavours profile for future growth
- Opportunity to diversify commodity risk, project risk and country risk
- Business friendly jurisdiction with low political risk and an established mining industry



### Chile – World Class Exploration Targets

#### Aida Low Sulfidation Epithermal Silver (Pb-Zn)



- Geologically similar to 2 billion oz Cerro
   Potosi mine in Bolivia
- Massive epithermal alteration zone Miocene Volcanic rocks
- Applied for drill permit, possible by year end

#### Paloma

High Sulfidation Epithermal Gold (Ag)



- Geologically similar to 4 million oz Solares Norte discovery
- Massive acid-sulfate alteration zone in Miocene Volcanic Caldera
- Initiated drilling in Q3, 2019 and continued drilling in 2021

### Cerro Marquez

Bulk Tonnage Porphyry Copper (Au-Mo)



- Geologically similar to other large porphyry copper mines in Chile
- Massive porphyry alteration zone in Miocene Volcanic Caldera
- Drilled in Q4, 2019 results geologically encouraging



### Sector Leading Organic Growth Strategy

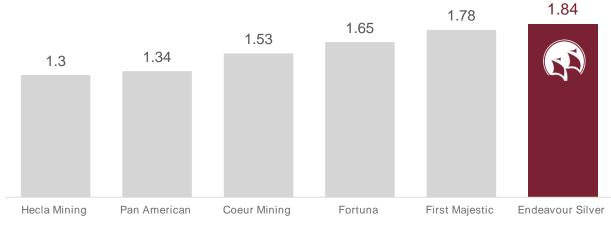
OPERATIONS (2021 Production)	<b>Guanacevi</b> 4.0 – 4.2 Moz Ag, 12 – 13 koz Au	<b>Bolanitos</b> 0.4 – 0.5 Moz Ag, 24 – 25 ko	z Au 0.1 – 0.1 Mo	<b>IS <sub>(1)</sub> z Ag, 4.1 – 4.1 koz Au</b>	
DEVEL		<b>era</b> e asset in Jalisco, near Puerto on 200 km² land package	Potential to add oz of production years (79:1 silver: g	over the next few	
	EXPLORATION	<b>Parral</b> Historic silver mining district	<b>Brun</b> Gold a	e <b>r</b> asset in Nevada	TSE: EDR
	DISCOVERY	Paloma High sulfidation epithermal Au target	<b>Aida</b> Low sulfidation epithermal Ag	<b>Cerro Marquez</b> Bulk tonnage porphyry Cu	R   NYSE: EXK
- THE	1. See August 10, 2021 r	news release regarding suspension of operation			31

### Shareholder Information

CAPITAL STRUCTURE	
Issued/ Outstanding	170.3 million
Fully Diluted	176.0 million
Recent Price (Oct 14, 2021)	US\$4.77
Market cap (Oct 14, 2021)	US\$810 million
52-Week High/Low	US\$7.76 /\$2.98
60-Day Avg Daily Volume (shares)	~6.0 million

• Presented as at June 30, 2021 unless noted otherwise

### Sector Leading Beta to Silver (1) Expressed as weekly frequency as compared to the GSCI Silver index



1. Source: 5 year beta as provided by Capital IQ software - as at Aug 3, 2021

KEY DATA	
Exchange Listings	NYSE:EXK, TSX:EDR, FSE:EJD
Working Capital	US\$147 million
Cash Position	US\$125 million
Major Shareholders	Van Eck (GDXJ + GDX) 11% S&P TSX Composite 4%
Strategic Shareholder	Fresnillo 2%
Mining Analysts	10

ANALYSTS COVERAGE	
B Riley FBR	Lucas Pipes
BMO Capital Markets	Ryan Thompson
CIBC World Markets	Cosmos Chiu
Global Alliance	Jake Sekelsky
GMP Securities	lan Parkinson
Noble Capital Markets	Mark Reichman
PI Financial	Chris Thompson
Roth Capital Partners	Joseph Reagor
H.C. Wainwright	Heiko Ihle
TD Securities	Craig Hutchison



### 2021 Catalysts



Focus on delivering mine free cash flow; raising productivity, improving safety

## Terronera

Published FS with robust economics, commenced early works, complete project financing

## Lives

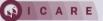
Continue exploration drilling, replace reserves and grow resources

## Discoveries

Drill world class Paloma high sulfidation gold silver prospect in Chile

# A&M

Acquire new mines that are accretive to NAV and cash flow with organic growth potential







Our mission is to create value for our shareholders and become a premier silver producer in the silver mining industry.



TSE: EDR | NYSE: EXK



# Appendix

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#### Compelling Value Proposition

Attractive investment opportunity with an industry leading growth profile & silver leverage

### 2020 Consolidated Reserves and Resources

Silver-Gold Reserves and Resources								
		Tonnes	Ag g/t	Au g/t	Ag Eq g/t	Ag oz	Au oz	Ag Eq Oz
	Guanaceví	141,000	319	0.82	385	1,445,000	3,700	1,742,000
Proven	Bolañitos	76,000	34	2.62	243	83,000	6,400	596,000
	El Compas	10,000	53	3.30	317	17,000	1,100	103,000
Total Proven		227,000	212	1.53	334	1,546,000	11,200	2,441,000
	Guanaceví	948,000	346	0.95	422	10,554,000	28,800	12,859,000
Probable	Bolañitos	237,000	53	2.51	254	405,000	19,100	1,930,000
FIODAble	El Compas	19,000	95	4.63	466	57,000	2,800	279,000
	Terronera	5,563,000	201	2.29	380	36,013,000	410,000	67,988,000
Total Probable		6,766,000	216	2.12	382	47,029,000	460,700	83,057,000
Total P+P		6,994,000	216	2.10	380	48,574,000	471,900	85,489,000
	Guanaceví	95,000	405	0.88	475	1,240,000	2,700	1,456,000
Measured	Bolañitos	35,000	76	2.37	265	85,000	2,600	296,000
	El Cubo	19,000	224	1.89	375	140,000	1,200	235,000
Total Measured		150,000	305	1.36	413	1,465,000	6,500	1,987,000
	Guanaceví	566,000	363	0.82	428	6,603,000	14,900	7,797,000
	Bolañitos	433,000	166	2.27	347	2,314,000	31,600	4,840,000
Indicated	El Cubo	32,000	209	2.03	371	214,000	2,100	380,000
Indicated	El Compas	21,000	75	6.22	573	50,000	4,100	381,000
	Guadalupe y Calvo	1,861,000	119	2.38	309	7,120,000	142,400	18,512,000
	Parral	433,000	271	-	271	3,700,000	-	3,773,000
Total Indicated		3,346,000	187	1.81	332	20,001,000	195,100	35,610,000
Total M&I		3,496,000	192	1.79	335	21,466,000	201,600	37,597,000
	Guanaceví	866,000	495	1.18	589	13,765,000	32,700	16,384,000
	Bolanitos	625,000	120	2.52	322	2,411,000	50,700	6,470,000
	El Cubo	463,000	163	1.89	314	2,419,000	28,200	4,672,000
Inferred	El Compas	39,000	85	7.00	607	106,000	8,100	758,000
	Terronera	1,080,000	208	2.26	389	7,239,000	79,000	13,559,000
	Guadalupe y Calvo	154,000	94	2.14	265	465,000	10,600	1,313,000
	Parral	3,180,000	322	0.21	339	32,900,000	21,700	34,677,000
Total Inferred		6,407,000	288	1.12	378	59,306,000	231,100	77,833,000

Silver-Gold-Lead-Zinc Resources										
	Tonnes         Ag g/t         Au g/t         Ag oz         Au oz         Pb%         Zn%         Cu%         Ag Eq Oz								Ag Eq Oz	
	Guanaceví	363,000	208	0.26	2,421,000	3,100	0.78	1.32	-	2,670,000
Indicated	Parral (Cometa)	180,000	55	1.17	320,000	6,800	3.20	3.30	-	860,000
	Calicanto (new)	360,000	146	0.97	1,690,000	11,000	3.19	4.17	0.11	2,600,000
Total Indicated		903,000	153	0.73	4,431,500	20,900	2.23	2.85	0.04	6,130,000
	Guanaceví	488,000	132	0.16	2,076,000	2,500	1.36	2.54	-	2,272,000
Inferred	Parral (Cometa)	880,000	74	1.45	2,100,000	41,000	3.27	3.24	-	5,376,000
	Calicanto (new)	268,000	111	1.01	960,000	9,000	2.65	3.73	0.09	1,650,000
Total Inferred		1,636,000	97	0.99	5,136,000	52,500	2,59	3.11	0.02	9,298,000



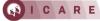
### Reserves & Resources Notes (Dec 31, 2020)

- 1. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that any or all part of the Mineral Resources will be converted into Mineral Reserves.
- 2. The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of the Inferred Mineral Resource could be upgraded to an Indicated Mineral Resource with continued exploration.
- 3. The Mineral Resources in this estimate were calculated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.
- 4. Mineral Resources are exclusive of and in addition to Mineral Reserves.
- 5. Guanacevi Mineral Resource and Mineral Reserve cut-off grades are based on a 225 g/t silver equivalent for Santa Cruz Sur of Guanacevi and 222 g/t silver equivalent for Santa Cruz, 237 g/t silver equivalent for Milache and 280 g/t silver equivalent for Ocampo and Porvenir Norte of Guanaceví; Metallurgical recoveries were 84.6% silver and 85.7% gold for Guanaceví. The cutoff grade applied for resource calculation at the regional polymetallic projects at Guanacevi (Noche Buena and Buena Fe) is 200g/t silver equivalent. The silver equivalent is based on the calculated NSR for each element based on the following price assumptions US\$16.29/oz for silver, US\$1,195/oz for gold, US\$0.82/lb for lead and US\$0.90/lb for zinc.
- 6. Bolañitos, Mineral Resource and Mineral Reserve cut-off grades are based on 181 g/t silver equivalent for Lucero Ramp, Belen and Veta Madre, 173 g/t silver equivalent for La Luz Ramp and 181 g/t silver equivalent for San Miguel ramp area. Metallurgical recoveries were 84.7% silver and 88.9% gold for Bolañitos
- 7. El Cubo Mineral Resource and Mineral Reserve cut-off grades are based on a 202 g/t silver equivalent for Area II (that comprises Dolores Mine) of El Cubo and 223 g/t silver equivalent for Areas I&IV (that comprise Santa Cecilia and San Nicolas Mines) of El Cubo. Metallurgical recoveries were 87.0% silver and 86.7% gold for El Cubo.
- 8. El Compas Mineral Resource and Mineral Reserve cut-off grades are based on a 3.67 g/t gold equivalent. Metallurgical recoveries were 67.0% silver and 82.0% gold for El Compas
- 9. Mineral Resource cut-off grades for Terronera was 150 g/t silver equivalent and the Mineral Reserve cut-off grades for Terronera and La Luz Deposits were 160 g/t and 216 g/t silver equivalent respectively.
- 10. Mineral Resource and Mineral Reserve cut-off grades are based on a 100 g/t silver equivalent for Guadalupe y Calvo.
- 11. Parral Mineral Resources are estimated at a cut-off grade of 130 g/t AgEq for Palmilla, Veta Colorada, and San Patricio, 200 g/t Ag for Sierra Plata, and an NSR cut-off value of US\$55/t for El Cometa. The NSR and AgEq values are based on estimated metallurgical recoveries, assumed metal prices and smelter terms, which include payable factors, treatment charges, penalties, and refining charges. Metal price assumptions were: US\$17/oz Ag, US\$1,275/oz Au, US\$1.15/lb Zn, and US\$1.00/lb Pb. A minimum mining width of 1.5 m was used for Sierra Plata, and 1.75 m for all other veins.
- 12. Calicanto Mineral Resources are estimated at a cut-off value of US\$200 VIT (value in-situ) for Calicanto, Santa Fe and Misie veins areas. The VIT values are based on metal price assumptions of US\$23.98/oz Ag, US\$1,815/oz Au, US\$3.5/lb Cu, US\$0.94/lb Pb, and US\$1.25/lb Zn. A minimum mining width of 1.0 m was used.
- 13. Mining recoveries of 93% were applied for Guanaceví, Bolañitos and El Compas, 88% for El Cubo and 95% for Terronera for Mineral Reserve Estimate calculations. Minimum mining widths were 0.8 metres for Mineral Reserve Estimate calculations.
- 14. Dilution factors for Mineral Reserve Estimate calculations averaged 34.7% for Guanaceví, 34% for Bolañitos and 35.7% for El Compas, and 10% for Terronera. For current operations dilution factors are based on vein width diluted to width of drive for lateral sill preparation (generally >30%) and internal stope dilution sand external dilution factors of 15% for cut and fill mining and 30% for long hole mining.
- 15. Silver equivalent grades and ounces are based on a 80:1 silver:gold ratio and calculated including only silver and gold.
- 16. Probable Mineral Reserves for Terronera includes the Terronera and La Luz Deposits.
- 17. Inferred Mineral Resources for Terronera includes the Terronera, La Luz and Real Alto Area.
- 18. Indicated and Inferred Silver-Gold Mineral Resources for "Parral" includes the Colorada, Palmilla and San Patricio areas.
- 19. The Veta Colorada structure (Parral) does not contain gold on an economic scale.
- 20. Price assumptions for Guanaceví, Bolañitos, El Cubo and El Compas are US\$16.51/oz for silver, US\$1,465/oz for gold.
- 21. Price assumptions for Terronera are US\$17/oz for silver, US\$1,275/oz for gold.
- 22. Price assumptions for Parral are US\$15/oz for silver, US\$1,275/oz for gold.
- 23. Figures in tables are rounded to reflect estimate precision; small differences generated by rounding are not material to the estimates.

Dale Mah, P.Geo., Vice President Corporate Development of Endeavour, is the Qualified Person who reviewed and approved this presentation and the technical information contained in these Mineral Reserve and Resource Estimates. A Quality Control sampling program of reference standards, blanks and duplicates has been instituted to monitor the integrity of all assay results. All samples are split at the local field office and shipped to ALS-Chemex Labs, where they are dried, crushed, split and 50 gram pulp samples are prepared for analysis. Gold and silver are determined by fire assay with an atomic absorption (AA) finish.

The Mineral Reserve Estimate for Terronera in the technical report titled "Endeavour Silver Corp, Terronera Project, Jalisco State, Mexico" effective July 31, 2020 were undertaken by Independent Qualified Persons from Ausenco Engineering Canada Inc - Robin Kalanchey, P.Eng., P&E Mining Consulting - Eugene Puritch, P.Eng. FEC. CET, David Burga P.Geo., Yungang Wu, P.Geo., D. Gregory Robinson P. Eng., Wood Engineering - Humberto Preciado, P.E., Eugenio Iasillo P.E., JDS Mining - Mike Levy P.E., P.Eng., Moose Mountain – Mike Petrina P.Eng..

The Parral Mineral Resources disclosed in this press release have been estimated by Mr. Jose Texidor Carlsson, P.Geo., an employee of Roscoe Postle Associates (RPA) and independent of Endeavour. By virtue of his education and relevant experience, Mr. Texidor Carlsson is a "Qualified Person" for the purpose of National Instrument 43-101. The Mineral Resources have been classified in accordance with CIM Definition Standards for Mineral Resources and Mineral Reserves (May 2014). Mr. Texidor Carlsson, P.Geo. has read and approved the contents of this press release as it pertains to the disclosed Parral Mineral Resource estimates.



TSE:

### Terronera Feasibility Study Summary

	FS	PFS	%
PROJECT SUMMARY	2021	2020	Change
Tonnes Mined (Thousands)	7,380	5,563	33%
Mined Gold (koz)	533.6	410.0	30%
Mined Silver (koz)	46,707	36,013	30%
Mined Silver Equivalent (koz)	88,838	67,988	31%
Gold Recovery rate (%)	76.3	82.3	(7%)
Silver Recovery Rate (%)	87.6	84.9	3%
Recovered Gold (koz)	407.2	336.9	21%
Recovered Silver (koz)	40,984	30,602	34%
Recovered Silver Equivalent (koz)	73,097	56,876	29%
Life of Mine (years)	12.0	10.0	20%
Milling Rate (tonnes per day)	1,700	1,600	6%



### 2021 Feasibility Study Compared to 2020 PFS

TERRONERA PROJECT		FS – PFS Change	
2021 FS Compared to 2020 PFS	2021	2020	% Change
Silver Price	20.00	15.97	25%
Gold Price	1,575	1,419	11%
Silver:Gold Ratio	79	89	(11%)
Operating Statistics			
LOM Tonnes Processed LOM (thousands)	7,380	5,563	33%
Life of Mine (Years)	12.0	10.0	20%
Average silver grade (g/t)	197	201	(2%)
Average gold grade (g/t)	2.25	2.29	(2%)
Silver equivalent grade (g/t) (Base Prices)	374	405	(8%)
Average silver recovery	87.6%	84.9%	3%
Average gold recovery	76.3%	82.3%	(7%)
LOM payable Ag ounces produced (millions)	39.3%	29.8	32%
LOM payable Au ounces produced (thousands)	393	328	20%
LOM payable Ag Eq ounces produced (millions)	70.3	59.0	19%
Avg annual payable Ag ounces produced (millions)	3.3	3.0	10%
Avg annual payable Au ounces produced (thousands)	33	33	(0%)
Avg annual payable Ag Eq ounces produced (millions)	6.2	5.9	5%
Capital Expenditure Statistics			
Initial Capital Expenditure (millions)	174.9	99.1	76%
Process Capacity (tonnes per day)	1,700	1,600	6%
LOM Sustaining Capital	105.7	62.4	69%
Total LOM Project Capital	280.6	161.5	74%



## 2021 Feasibility Study Compared to 2020 PFS

TERRONERA PROJECT		FS – PFS Change	9
2021 FS Compared to 2020 PFS	2021	2020	% Change
Operating Cost Metrics			
LOM Gross Revenue (millions)	1,406.2	942.7	49%
LOM Gross COS (millions)	640.6	466.3	37%
LOM EDITBA (millions)	763.7	476.4	60%
After Tax LOM Free Cash Flow (millions)	311.4	217.4	43%
Cash Costs by Product (per silver ounce)	0.59	0.00	100%
All in Sustaining (per silver ounce)	3.24	2.10	54%
Cash Costs by Silver Equivalent (per silver ounce)	9.14	7.90	16%
All in Sustaining Silver Equivalents (per silver ounce)	10.62	8.96	19%
Total Direct Production Costs (per tonne)	87.05	83.80	4%
Mining Costs (per tonne)	30.96	44.64	(31%)
Processing Costs (per tonne)	25.47	19.27	32%
General and Administrative (per tonne)	10.90	6.16	77%
Treatment & Refining Charges (per tonne)	15.26	9.76	56%
Royalty Costs (per tonne)	4.46	3.97	12%
Financial Rate of Return Metrics			
After Tax Project Net Present Value (millions)	174.1	137.1	27%
After Tax Internal Rate of Return	21.3%	30.0%	(29%)
Pay Back Period (years)	3.6	2.7	33%

### **Non-IFRS Measures**

Endeavour Silver reports non-IFRS measures which include cash costs net of by-product revenue on a payable silver basis, total production costs per ounce, all-in sustaining costs per ounce, direct production costs per tonne, silver co-product cash costs and gold co-product cash costs in order to manage and evaluate operating performance at each of the Company's mines. These measures, some established by the Silver Institute (Production Cost Standards, June 2011), are widely used in the silver mining industry as a benchmark for performance, but do not have a standardized meaning and are reported on a production basis.

Full reconciliation and definitions of each of these measures are provided in the Company's quarterly Management Discussion and Analysis (MD&A) as filed on SEDAR and posted on the company website.

**Cash cost ("Cash cost") per ounce** - Cash cost per ounce is a non-IFRS measure. In the silver mining industry, this metric is a common performance measure that does not have a standardized meaning under IFRS. Cash costs include direct costs (including smelting, refining, transportation and selling costs), royalties and special mining duty and changes in finished goods inventory net of gold credits. For the purpose of the FS, special mining duty has not been included in cash costs but is included in tax expense.

Mine Site - All-in sustaining costs ("MAISC") and All-in sustaining cost("AISC") per ounce - MAISC and AISC per ounce are non- IFRS measures. These measures are intended to assist readers in evaluating the total cost of producing silver from operations. While here is no standardized meaning across the industry for AISC measures, the Company's definition conforms to the definition of AISC as set out by the World Gold Council and used as a standard of the Silver Institute. The Company defines AISC as the cash operating costs (as defined above), reclamation cost accretion, mine site expensed exploration, corporate general and administration costs and sustaining capital expenditures. For the purpose of the FS, MAISC does not include corporate general and administration costs.

Free cash flow - In the mining industry, free cash flow is a common performance measure with no standardized meaning. The Company calculates free cash flow by deducting cash capital spending (capital expenditures, net of expenditures paid through finance leases) from net cash provided by operating activities. The Company discloses free cash flow as it believes the measure provides valuable assistance to inventors and analysts in evaluating the Company's ability to generate cash flow after capital investments and build the cash resources of the Company.

Initial and sustaining capital - Initial and sustaining capital are non-IFRS measures. Initial capital is defined as capital required to develop and construct to bring the mine to commercial production and sustaining capital is defined as the capital required to maintain operations at existing levels. Both measurements are used by management to assess the effectiveness of an investment program.

Earnings before Interest, Taxes, Depreciation, and Amortization ("EBITDA") - EBITDA represents net earnings before interest, taxes, depreciation and amortization. EBITDA is an indicator of the Company's ability to generate liquidity by producing operating cash flow to fund working capital needs, service debt obligations, and fund capital expenditures.

Gross revenue and Gross Cost of Sales - Gross revenue represents gross sales of silver and gold and is calculated by adjusting net revenue for the removal of treatment, refining and transportation costs. Gross cost of sales is calculated by adjusting cost of sales for the inclusion of treatment, refining and transportation costs.

Other examples of Non-IFRS Measures for which definitions and reconciliations are provided for in the Company's quarterly Management Discussion and Analysis (MD&A) include operating cash flow before working capital changes, adjusted net earnings, and working capital

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EDR

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NYSE: EXK

### Feasibility Study Reserves and Resources

Terronera and La Luz Probable Mineral Reserve (FS 2021)								
Terronera	Tonnes (kt)	Ag (g/t)	Au g/t	Ag Eq g/t	Ag (000's oz)	Au (000's oz)	Ag Eq (000's oz)	
Total Probable	7,380	197	2.25	374	46,707	534	88,834	

#### Notes

- 1. Mineral Resource cut-off grades for Terronera was 150 g/t silver equivalent and the Mineral Reserve cut-off grades for Terronera and La Luz Deposits were 166 g/t and 197 g/t silver equivalent respectively.
- 2. Mining recoveries of 93% were applied for Terronera for Mineral Reserve Estimate calculations. Minimum mining widths were 1.0 metres for Mineral Reserve Estimate calculations.
- 3. Dilution factors for Mineral Reserve Estimate calculations averaged 27.5%.
- 4. Silver equivalent grades and ounces are based on a 79:1 silver:gold ratio
- 5. See Cautionary Note to U.S. Investors below.

2021 Terronera Resource Estimate								
Tonnes (kt) Ag (g/t) Ag (koz) Au (g/t) Au (koz) AgEq (g/t) AgEq (koz)							AgEq (koz)	
Indicated	5,181	256	42,707	2.49	415	443	73,755	
Inferred	997	216	6,919	1.96	63	363	11,624	

2021 La Luz Resource Estimate								
	Tonnes (kt) Ag (g/t) Ag (koz) Au (g/t) Au (koz) AgEq (g/t) AgEq (koz)							
Indicated	122	182	745	13.11	54	1,165	4,774	
Inferred	61	150	295	11.35	22	1,001	1,977	

#### Notes

- 1. Mineral Resources have an effective date of March 5, 2021. The Qualified Person responsible for the Mineral Resource estimate is Tatiana Alva, P. Geo, an employee of Wood Canada Ltd.
- 2. Mineral Resources includes Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- 3. AgEq is calculated as the sum of silver plus gold grades factored by the differential in gold and silver metal prices and metallurgical recoveries.
- 4. Mineral Resources are constrained within a wireframe constructed at a nominal 150 g/t AgEq cut-off grade
- 5. A 150 g/t AgEq cut-off grade considers metallurgical performance, mining, processing, site G&A operating costs, treatment and refining charges and royalties.
- 6. Mineral Resources are stated as insitu with no consideration for planned or unplanned external mining dilution.
- 7. The silver and gold estimates presented in the Mineral Resource estimate table have not been adjusted for metallurgical recoveries.
- 8. Numbers have been rounded as required by reporting guidelines, and may result in apparent summation differences.
- 9. See Cautionary Note to U.S. Investors below.



### Management Team





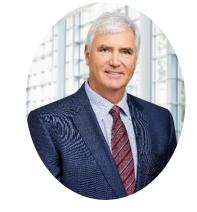
### **Board or Directors**



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Geoff Handley, B.Sc. Director



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🚯 I C A R E



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