



# ESKAY CREEK PROJECT

Golden Triangle, BC

TSX.V: SKE/OTCQX: SKREF

May 2020



**SKEENA**  
RESOURCES LTD.



# FORWARD LOOKING STATEMENTS

*Certain statements made and information contained herein may constitute “forward looking information” and “forward looking statements” within the meaning of applicable Canadian and United States securities legislation, including, among other things, information with respect to this presentation. These statements and information are based on facts currently available to the Company and there is no assurance that actual results will meet management’s expectations. Forward-looking statements and information may be identified by such terms as “anticipates”, “believes”, “targets”, “estimates”, “plans”, “expects”, “may”, “will”, “could” or “would”. Forward-looking statements and information contained herein are based on certain factors and assumptions regarding, among other things, the estimation of mineral resources and reserves, the realization of resource and reserve estimates, metal prices, taxation, the estimation, timing and amount of future exploration and development, capital and operating costs, the availability of financing, the receipt of regulatory approvals, environmental risks, title disputes and other matters. While the Company considers its assumptions to be reasonable as of the date hereof, forward-looking statements and information are not guarantees of future performance and readers should not place undue importance on such statements as actual events and results may differ materially from those described herein. The Company does not undertake to update any forward-looking statements or information except as may be required by applicable securities laws.*

*The Qualified Person responsible for the technical information in this presentation is Paul Geddes P. Geo., Vice President of Exploration & Resource Development, who has approved the technical information included herein. Any reference to historical estimates and resources should not be relied upon. These are not current and a Q.P. has not done sufficient work to classify these historical estimate and Skeena Resources Limited is not treating the historical estimate as a current resource estimate.*

# PROPERTY LOCATIONS – BC'S GOLDEN TRIANGLE



# SKEENA TEAM

## MANAGEMENT:



**Walter Coles Jr., President, CEO & Director:** Mr. Coles has been CEO for several TSXV listed companies. Previously he was an analyst with Cadence Investment Partners and before that with UBS Investment Bank. Mr. Coles holds a B.A. in Economics from the University of Richmond.



**Andrew MacRitchie, CPA, CA, CFO & Corporate Secretary:** Mr. MacRitchie is a Chartered Public Accountant who's held management roles in several TSXV listed mining companies over his 16-year career. Mr. MacRitchie was previously with PricewaterhouseCoopers in the tax accounting group. He is a graduate of University of British Columbia



**Paul Geddes, P. Geo. VP, Exploration & Resource Development:** Mr. Geddes has more than 20 years of exploration and resource development experience. He was an instrumental member of the Rainy River Resources team prior to the Company's takeover by New Gold in 2013.



**Kelly Earle, B. Sc. Geol., CPIR . VP, Communications:** Ms. Earle is an Investor Relations professional and a geologist with 10 years of experience working with junior mining companies. She received her B. Sc. Geol. from the University of British Columbia and her CPIR from the Ivey School of Business at Western University.



**Justin Himmelright, B. Sc., M. Eng. VP, Sustainability:** Mr. Himmelright has over 25 years of experience in environmental management and developing social license for natural resource projects. He is a graduate of University of British Columbia.

## DIRECTORS:



**Craig Parry, Chairman:** Mr. Parry is a geologist and has served as CEO and President for several Australian and TSXV listed mining companies. He is currently the President & CEO of IsoEnergy Ltd., a co-founder and director of NexGen Energy Ltd and a Senior Advisor and founding-shareholder of EMR Capital.



**Borden R. Putnam III:** Mr. Putnam is a professional geologist with over 41 years of mineral industry experience, with a focus on exploration and asset evaluations. During the last 15 years Mr. Putnam has worked primarily as an analyst or advisor to several large investment funds in the US.



**Isac Burstein:** Mr. Burstein is the Vice President of Exploration & Business Development at Hochschild Mining PLC. Mr. Burstein has served Hochschild in various capacities including Vice President of Business Development, Manager for Project Evaluation, Exploration Manager for Mexico and Exploration Geologist.



**Suki Gill:** Ms. Gill currently serves as a partner at Smythe LLP. She is a Chartered Accountant with 19 years experience and specializes in providing assurance services to publicly traded companies operating in the resource industry, as well as private companies across a number of industries in both Canada and the US. Ms. Gill is on the board of directors for Provincial Health Services Authority and BC Emergency Health Services.

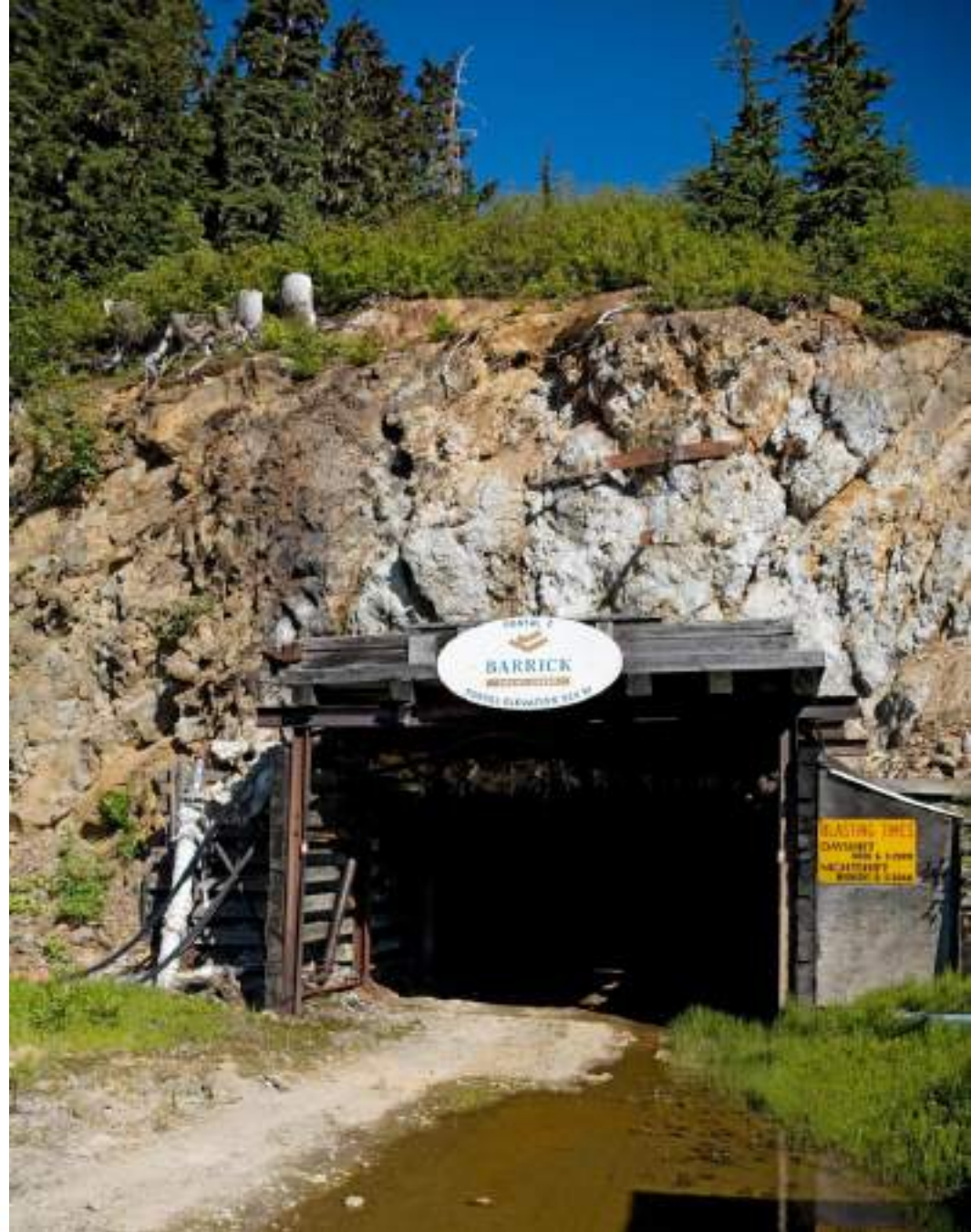
# INFRASTRUCTURE IN THE GOLDEN TRIANGLE

- Excellent access to power & infrastructure:
  - Highway 37 paved north from Smithers
  - New 287 kV power line
  - Forrest Kerr & McLymont Creek Power Station within 17 km of Snip
  - Volcano Creek Power Station within 10 km of Eskay Creek
  - Opening of year-round ocean port facilities in Stewart
  - Over \$2 billion invested in infrastructure



## ESKAY CREEK HISTORY

- Produced **3.3 million ounces of gold & 160 million ounces of silver** at average grades of **45 g/t Au & 2,224 g/t Ag** from 1994 to 2008
- 2.2 million tonnes of ore mined with cut-off grades of 15 g/t AuEq for mill ore and 30 g/t AuEq for direct shipping ore
- Historical database containing 7,881 drill holes totaling 706,904 metres (surface & underground)
- Highest grade gold producer in the world when in production

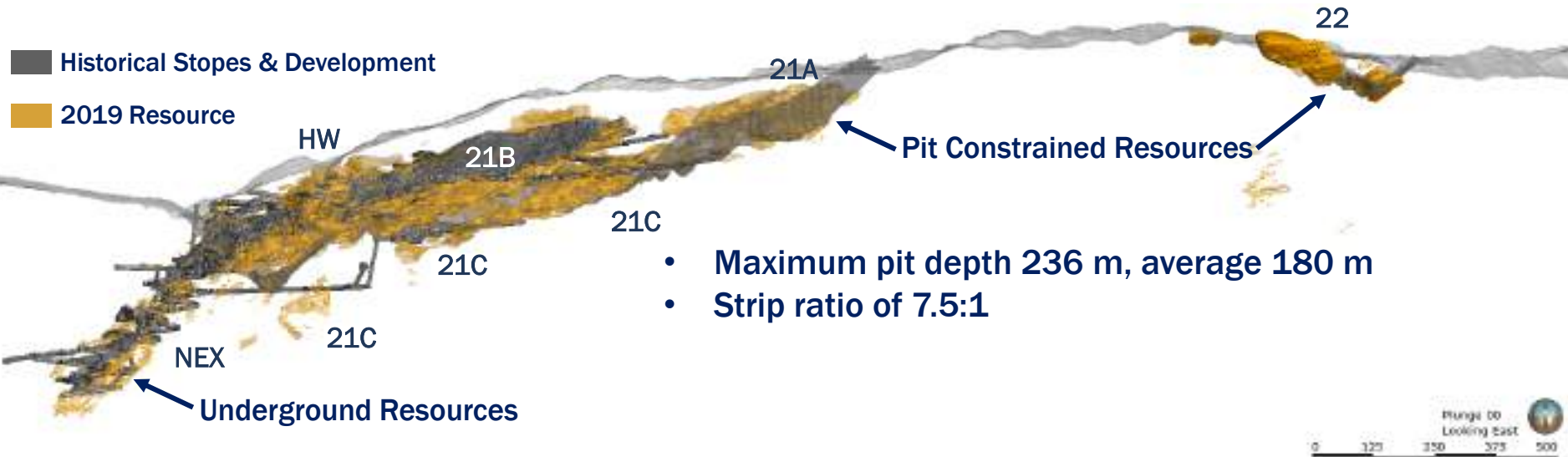


# ESKAY CREEK OPTION TERMS

- Option to Acquire from Barrick secured in December 2017:
  - \$3.5 million exploration spend commitment over 3 years (complete)
  - Purchase price of \$10M plus bond to post (total capped at \$17.7M)
  - Once exercised, Barrick has 12 months to exercise back-in right for 51% by paying Skeena 3x cumulative expenses, refunding \$10M purchase price and 51% of bond



# 2019 MINERAL RESOURCE ESTIMATE



- Maximum pit depth 236 m, average 180 m
- Strip ratio of 7.5:1

	Tonnes (000)	Grade			Contained Ounces		
		AuEq g/t	Au g/t	Ag g/t	AuEq oz (000)	Au oz (000)	Ag oz (000)
<b>Indicated Mineral Resources</b>							
Pit Constrained	12,650	5.8	4.3	110	2,340	1,740	44,660
Underground	819	8.2	6.4	139	218	169	3,657
<b>Total Indicated</b>	<b>13,469</b>	<b>5.9</b>	<b>4.4</b>	<b>112</b>	<b>2,558</b>	<b>1,909</b>	<b>48,317</b>
<b>Inferred Mineral Resources</b>							
Pit Constrained	14,420	2.9	2.3	47	1,340	1,050	21,720
Underground	295	8.2	7.1	82	78	68	778
<b>Total Inferred</b>	<b>14,715</b>	<b>3.0</b>	<b>2.4</b>	<b>48</b>	<b>1,418</b>	<b>1,118</b>	<b>22,498</b>

- Pit constrained resources are quoted at a 0.7 g/t AuEQ cut-off. Underground resources are quoted at a 5.0 g/t AuEQ cut-off.
- $AuEQ = Au (g/t) + \{Ag (g/t) / 75\}$
- 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.
- Resources are reported in-situ and undiluted for both pit constrained and underground scenarios and are considered to have reasonable prospects for economic extraction.
- In accordance with NI 43-101 recommendations, the number of metric tonnes was rounded to the nearest thousand. Any discrepancies in the totals are due to rounding effects.



# PEA HIGHLIGHTS – NOVEMBER 2019

**306,000 oz AuEq**  
Annual Production

**4.17 g/t AuEq**  
Open-pit Average Grade

**51%**  
After-tax IRR

**C\$638M**  
After-tax NPV<sub>5%</sub>

**US\$615/oz**  
AISC (Au)

- High-grade open-pit averaging 3.23 g/t Au, 78 g/t Ag (4.17 g/t AuEq) (diluted)
- After-tax NPV<sub>5%</sub> of C\$638M (US\$491M) and 51% IRR at US\$1,325/oz Au and US\$16/oz Ag
- After-tax payback period of 1.2 years
- Pre-production capital expenditures (CAPEX) of C\$303M (US\$233M)
- After-tax NPV:CAPEX Ratio of 2.1:1
- Life of mine (“LOM”) average annual production of 236,000 oz Au, 5,812,000 oz Ag (306,000 oz AuEq)
- LOM all-in sustaining costs (AISC) by-product of C\$799/oz (US\$615/oz) Au recovered
- LOM cash costs of C\$949/oz (US\$731/oz) AuEq recovered
- 6,850 tonne per day (TPD) mill and flotation plant producing saleable concentrate

1. Exchange Rate (US\$/C\$) of 0.77
2. Cash costs are inclusive of mining costs, processing costs, site G&A, treatment and refining charges and royalties
3. AISC includes cash costs plus estimated corporate G&A, sustaining capital and closure costs
4. Gold Equivalent (AuEq) calculated via the formula: Au (g/t) + [Ag (g/t) / 82.8]

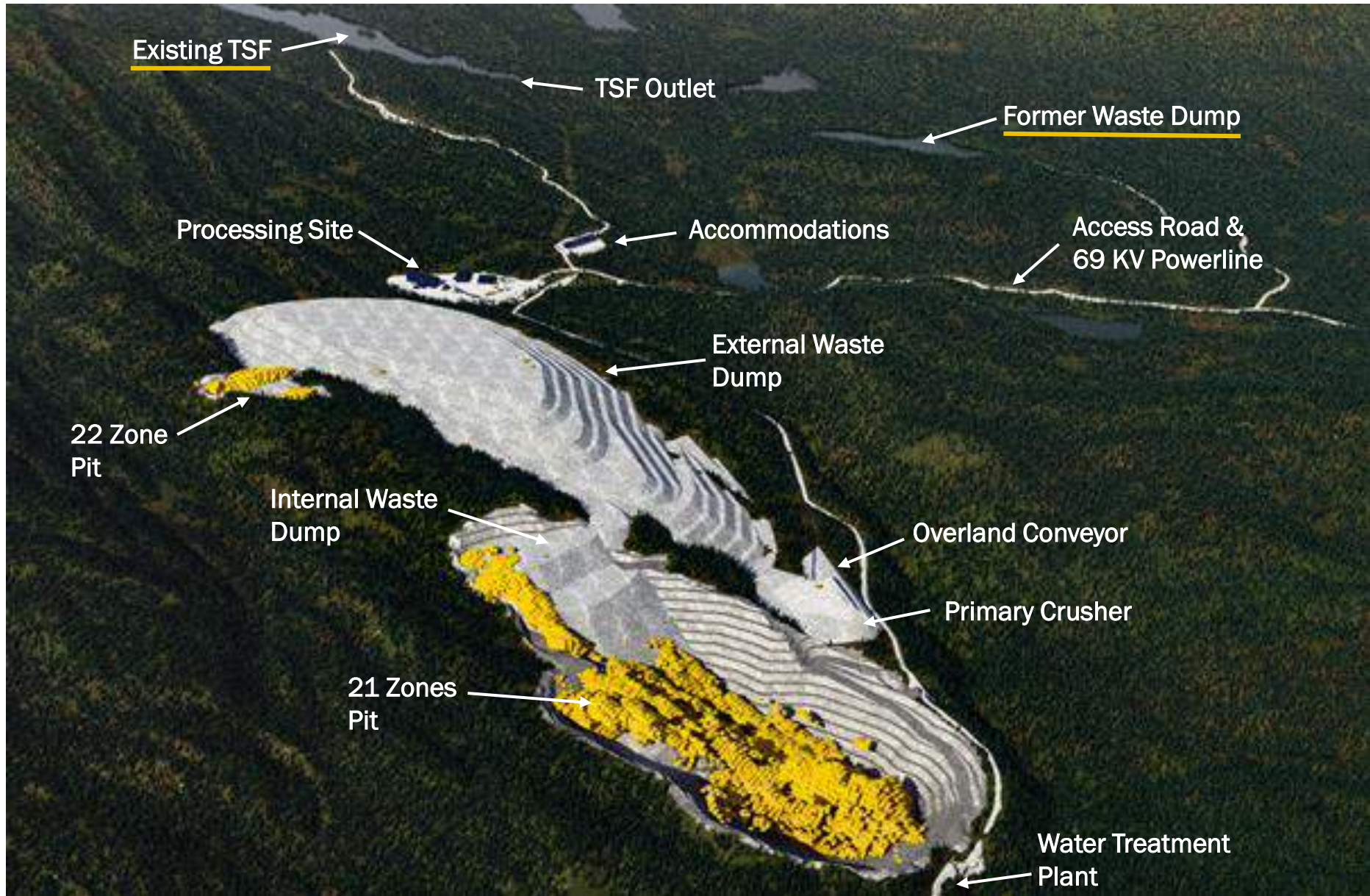
# ECONOMICS & PRICE SENSITIVITY

## Project Economics

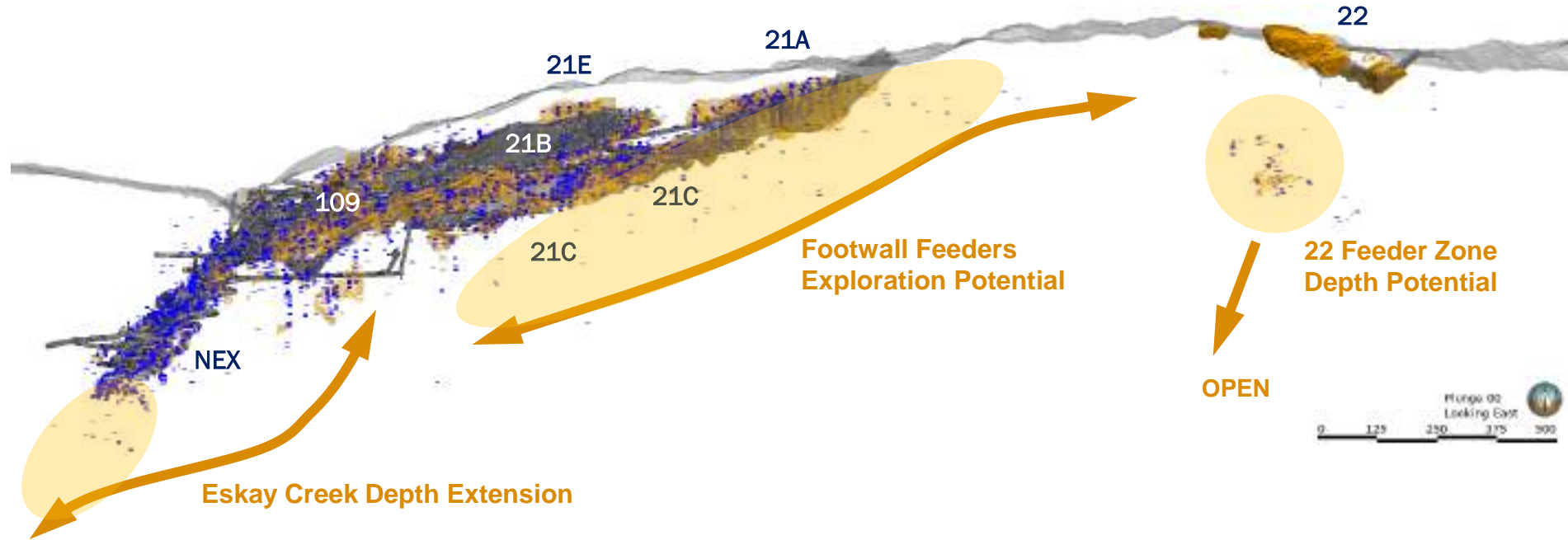
After-Tax NPV (5%)(C\$M)	\$638
After-Tax IRR	51%
After-Tax Payback Period (Years)	1.2
After-Tax NPV:CAPEX Ratio	2:1:1
Pre-Tax NPV (5%)(C\$M)	\$993
Pre-Tax IRR	63%
Pre-Tax Payback Period (Years)	1.1
Pre-Tax NPV:CAPEX Ratio	3:3:1
Average Annual After-Tax Free Cash Flow (Year 1-9 (C\$M)	\$147
LOM After-Tax Free Cash Flow (C\$M)	\$959

Sensitivities to Commodity Prices	Lower Case	Base Case	Higher Case
Gold Price (\$US/oz)	\$1,200	\$1,325	\$1,500
Silver Price (\$US/oz)	\$14	\$16	\$18
After-Tax NPV (5%)(C\$M)	\$453	\$638	\$878
After-Tax IRR (%)	40%	51%	63%
After-Tax Payback (Years)	1.6	1.2	0.9
Average Annual After-Tax Free Cash Flow (Years 1-9)(C\$M)	\$117	\$147	\$187

# MINE DESIGN

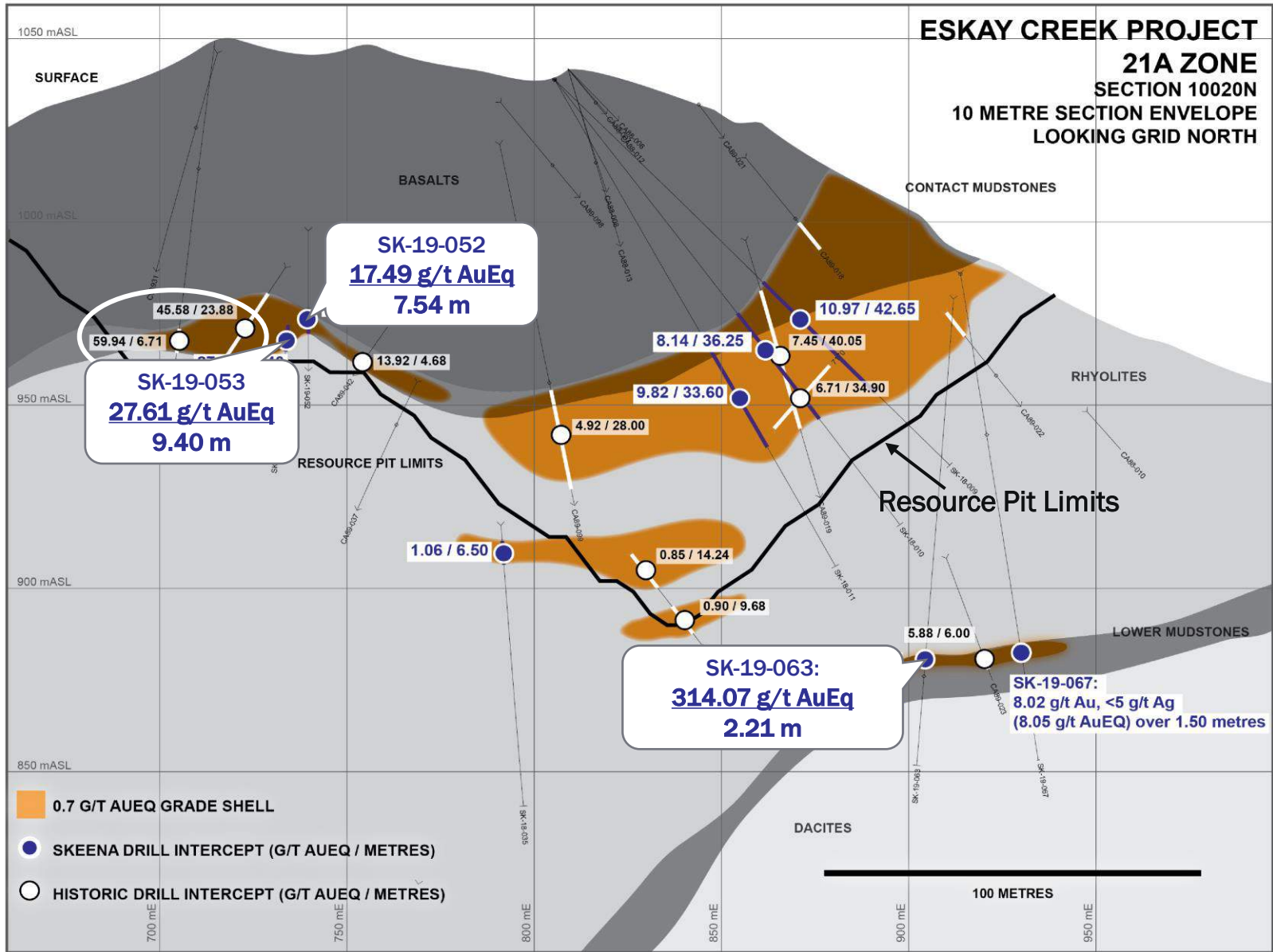


# NEAR MINE UPSIDE POTENTIAL



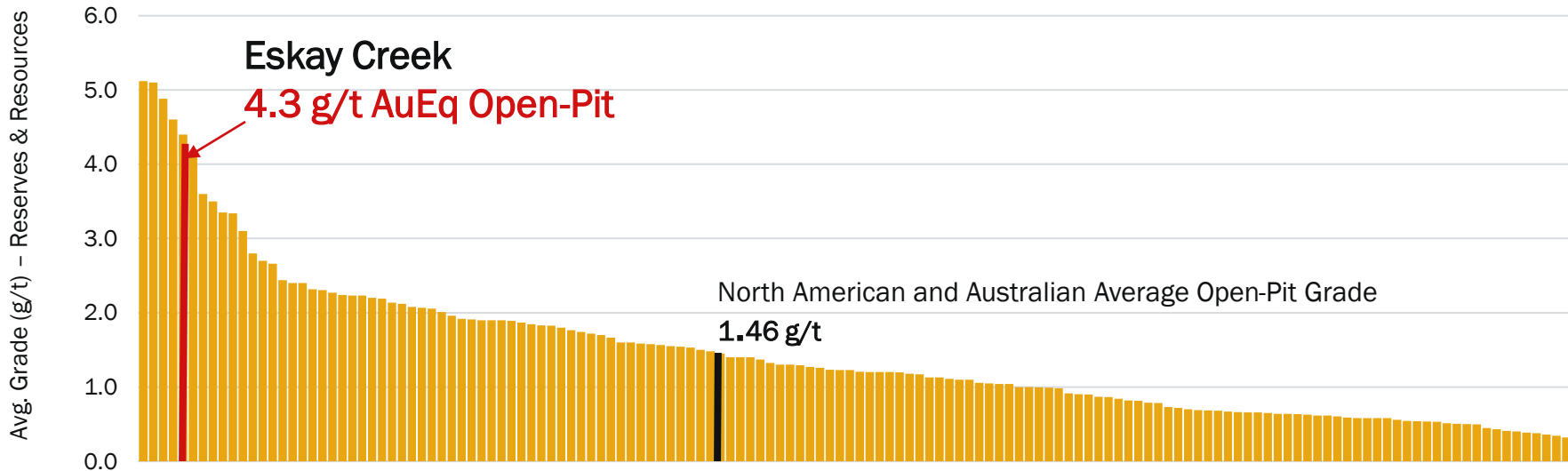
- Drillhole Intersections > 4.0 g/t AuEq >2.0 metres
- 2019 Resources
- Historical Stopes & Development

# NEAR MINE UPSIDE POTENTIAL

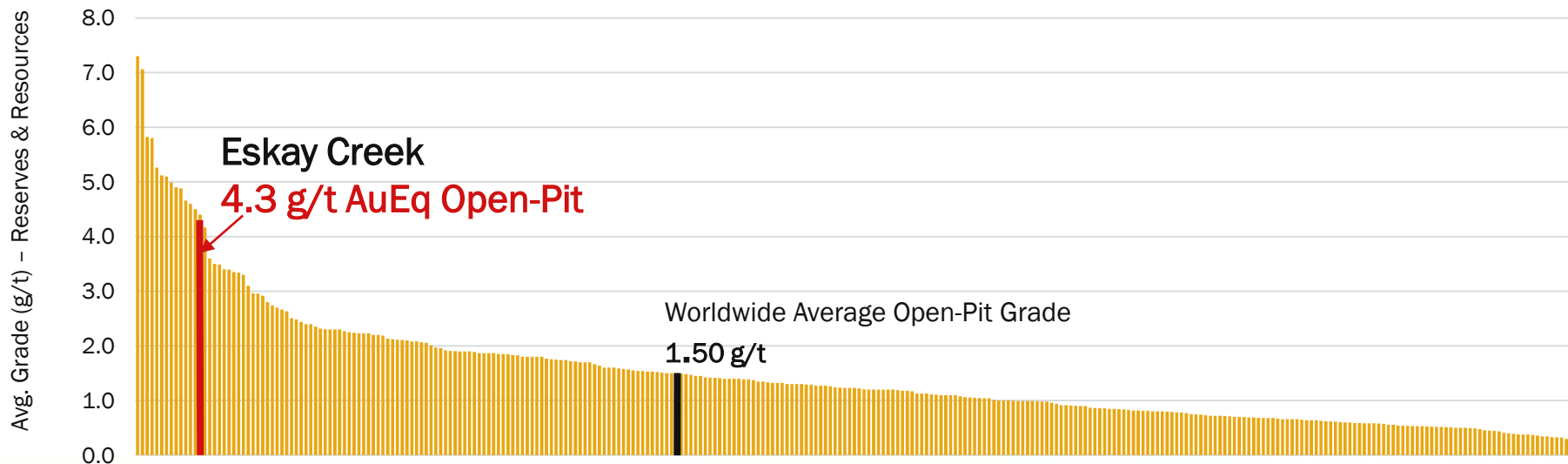


# OPEN-PIT COMPARISONS

## Average Grades (g/t) of Open-Pit Development Projects in North America and Australia

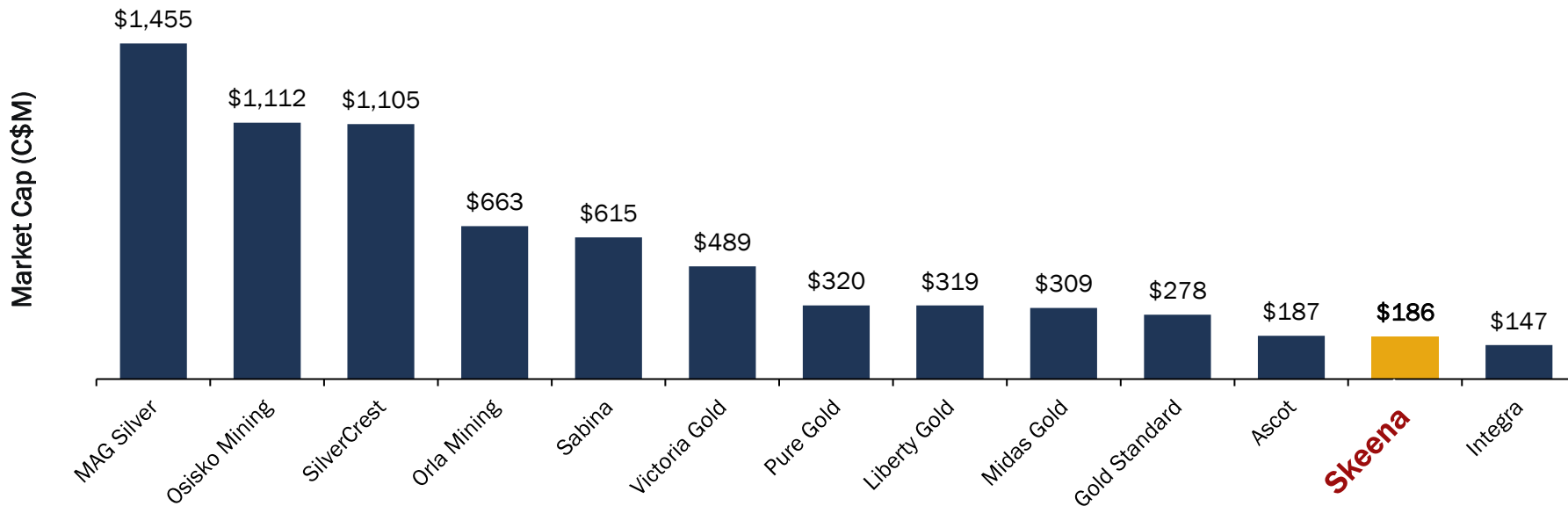


## Average Grades (g/t) of Open-Pit Development Projects Worldwide

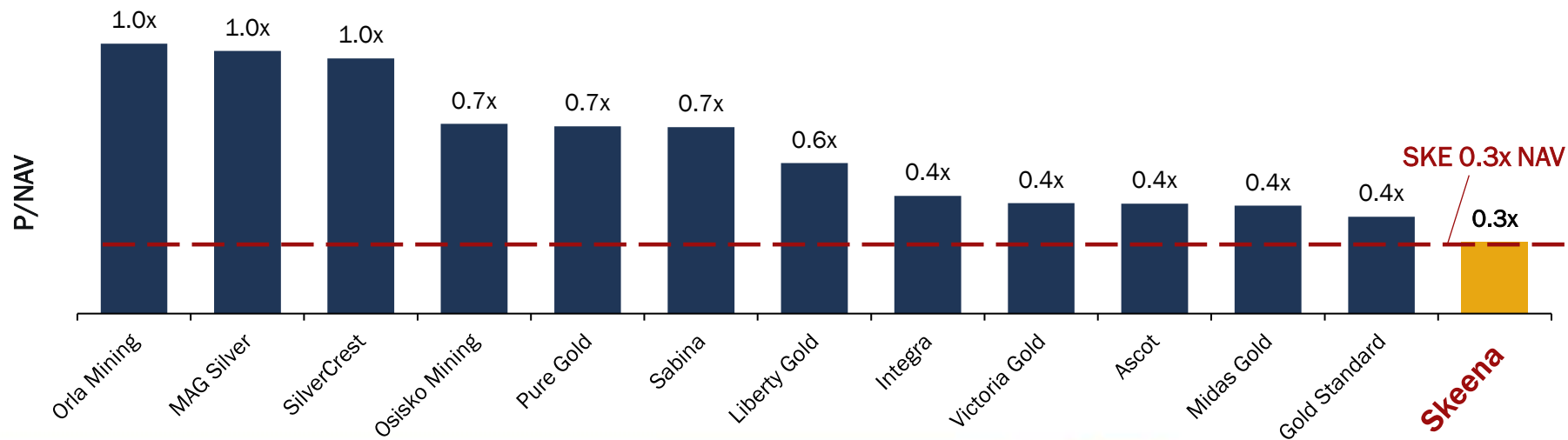


Source: S&P Capital IQ

# MARKET CAPITALIZATION (C\$M)



# P/NAV



Source: Agentis Capital, 05/11/2020



## ESKAY CREEK PLANS FOR 2020 - 2021

- Continued infill & exploration drilling
  - 4,327 metres over 27 holes completed so far in Phase I 2020
  - 23,673 metres over 159 holes remaining in Phase I to be completed
- Pre-feasibility study to commence with Ausenco – target completion H12021
- Metallurgical & geotechnical optimization test work underway
- Commencement of comprehensive environmental studies required for project permitting process
- Exercise of option with Barrick and posting of environmental bond to acquire 100%





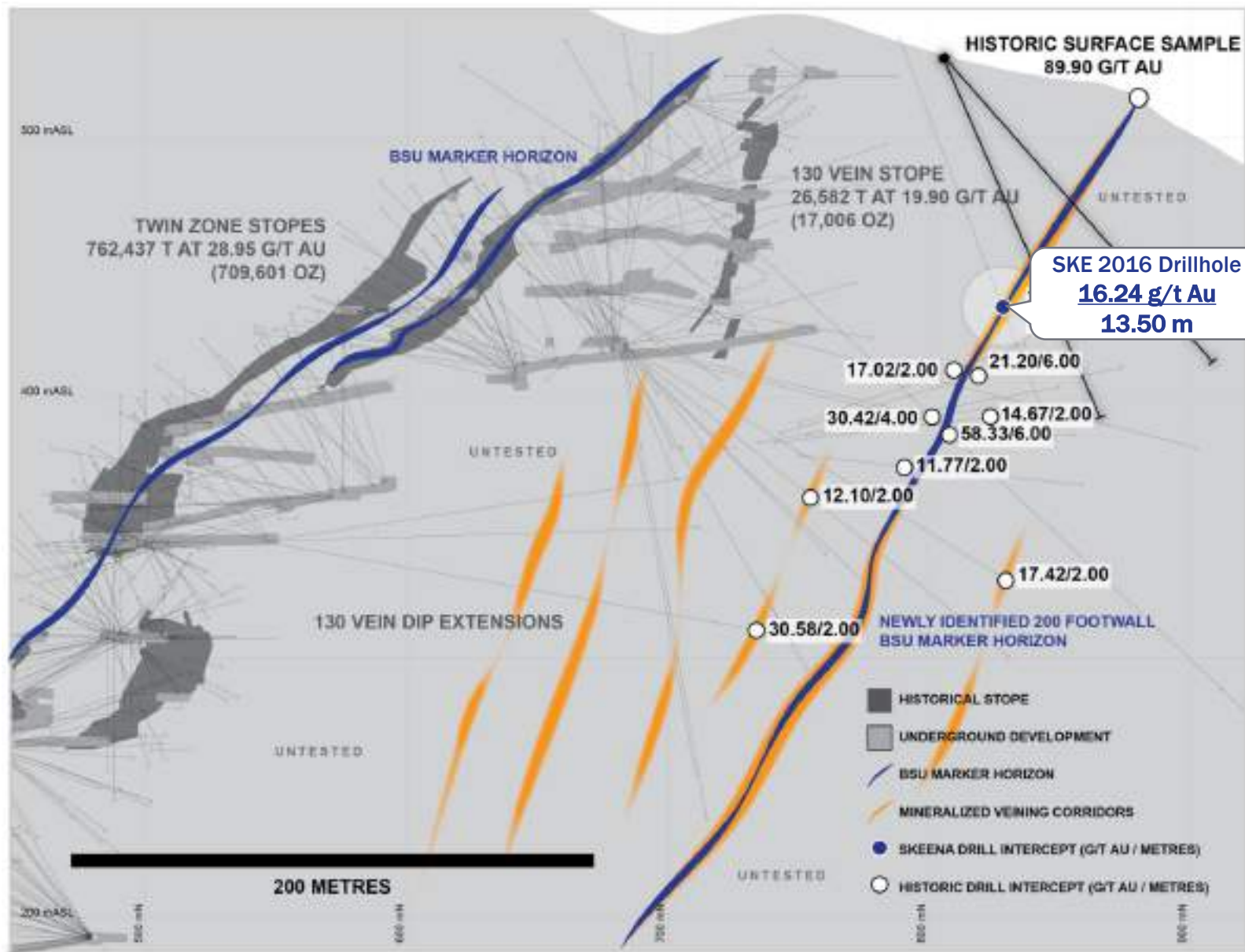
# SNIP GOLD PROJECT

- 100% owned (acquired from Barrick July 2017)
- Hochschild Mining has option to acquire 60%
- Produced **1.1 million ounces of gold at average grade of 27.5 g/t** from 1991 to 1999
- 280,000 m of historical surface & underground drilling
- 8,435 m underground development
- Exploration & 200 Footwall delineation drilling planned for 2020

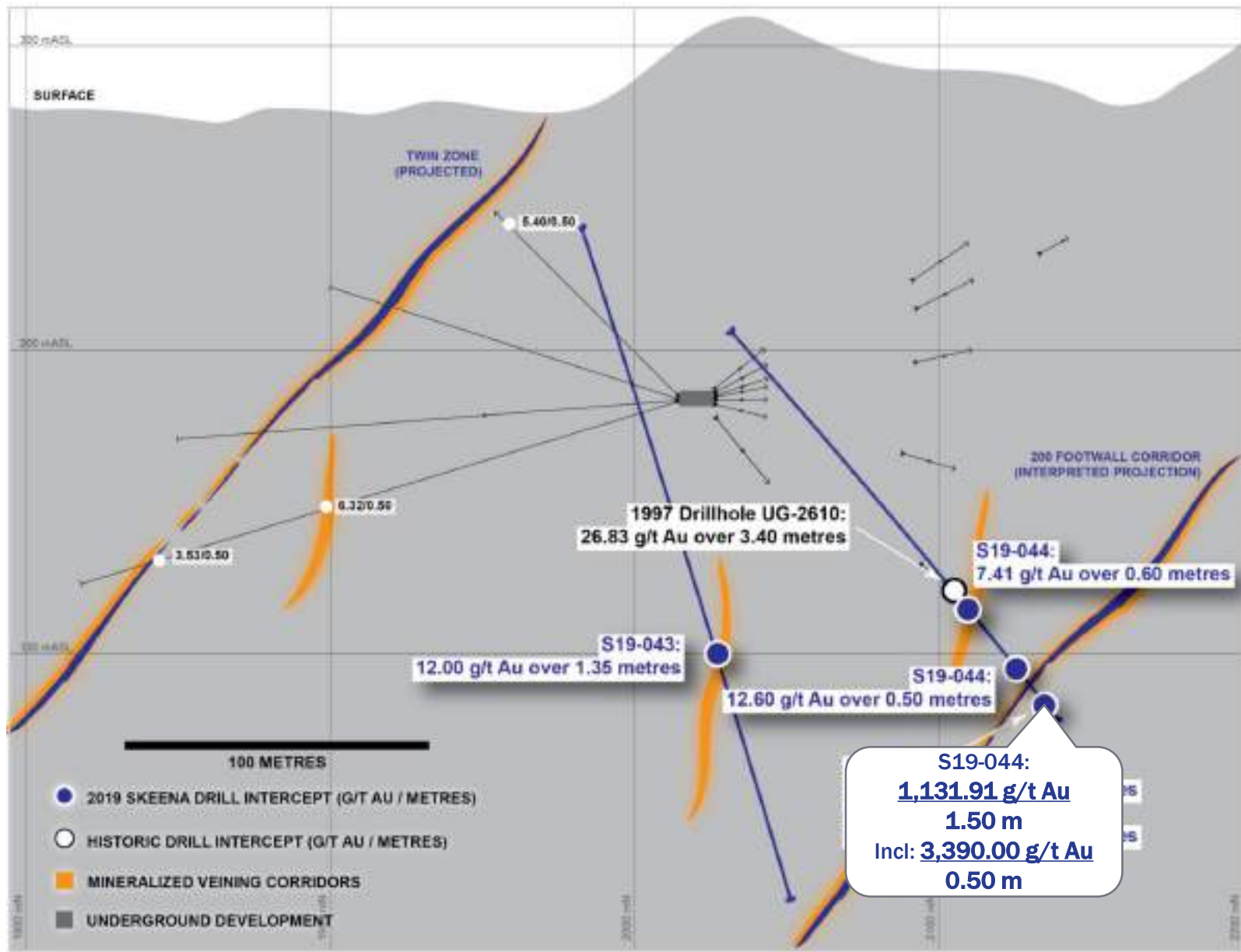
Underground drilling at Snip hole UG17-001



# SNIP 200 FOOTWALL - SECTION 4660E



# SNIP 200 FOOTWALL - SECTION 4210E



# BRITISH COLUMBIA REGIONAL MINING ALLIANCE

TAHLTAN  
Central Government



AME



DOLLY VARDEN  
SILVER CORP

SKEENA  
RESOURCES LTD.

SCOT RESOURCES

GTGOLD

The BCRMA is a partnership between the Tahltan Central Government, the Nisga'a Lisims Government, industry, AME BC & the provincial government to promote mining investment in the Golden Triangle of northwest BC

**“I am happy to say that today I have a great working relationship with Skeena, with Walter, with his crew and we just look forward to continuing to build on that.”**

- Chad Day, President of Tahltan Central Government

Tahltan President, Chad Day (left) & Skeena's President and CEO, Walter Cole

# SKEENA CAPITAL STRUCTURE

## Capital Structure

Current Shares Outstanding	165,971,319
Market Capitalization (CAD\$1.12)	\$186 Million
52 Week High	\$1.20
52 Week Low	\$0.35
Warrants (exp. June 2020, \$1.00)	5,374,039
Options (exp. June 2021 - May 2025, \$0.41 - \$1.50)	16,596,720
Incentive Shares (vest Jan. 2022)	192,308
Fully Diluted	188,134,386

All figures as of May 11, 2020

### Share Price - TSX.V: SKE

May 11, 2019 - May 11, 2020





**SKEENA**  
RESOURCES LTD.

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