

SIRIOS RESOURCES INC.

Cheechoo - Moving Towards a Maiden Resource Estimate

2019 Beaver Creek Precious Metals
Conference
Sept. 13, 2019

TSX-V: SOI
www.sirios.com



S I R I O S

Forward-Looking Statements

This document contains forward-looking statements, which reflect the current expectations of the Company with respect to future events. To the extent that any statements in this document contain information that is not historical, these statements are essentially looking statements and can often be identified by the use of words such as "expect", "anticipate", "estimate", "project", "intend", "plan", and "believe".

Forward-looking statements underlie risks, uncertainties and other factors that could cause actual results to differ from those expressed or implied by such forward-looking statements. There are several factors that could cause such differences, including volatility and sensitivity to metal prices on the market, the impact of changes in the level of exchange rates of foreign currencies and interest rates, imprecision of reserve estimates, environmental risks including increased regulatory restrictions, unexpected geological conditions, adverse mining conditions, regulatory changes and government policies, including laws and policies, and the inability to obtain necessary permits and approvals from government authorities, and other risks associated with the development and operation.

Although the Company believes that the assumptions underlie in the forward-looking statements are reasonable, they should not be unduly relied upon as they apply only as of the date of this document. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether they should or should not be revised because of new information, future events or otherwise, unless required by applicable securities laws.



About Sirios

- Founded in 1995, Sirios develops mining exploration projects using advanced technologies
- Working closely with local communities and partners with a perspective for sustainable development
- Pioneer in the discovery of world-class gold deposits in James Bay, Quebec
- Focus on its Flagship Cheechoo Gold Discovery



Highly qualified
team made up of
geologists and
engineers



Well-funded company
with support from
shareholders and
institutional funds



Highly liquid
stock

TSXV: SOI

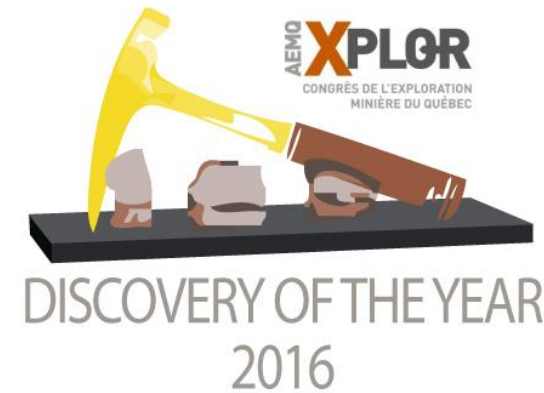
Newmont Goldcorp
(NYSE:NEM, Mkt Cap: US\$
32 Billion): 16% ownership
Osisko Royalties (NYSE:OR,
Mkt Cap: US\$ 1.8 Billion):
5% ownership

Share Price (as of 09.05.19):
\$0.205
Market Cap: \$32.8 Million
Average daily trading
volume: ~95k shares/day



Cheechoo : our Flagship Project

- A world-class project with multi-million ounce gold potential
- One of the few projects currently in the **Resource Estimation** phase in Quebec
- 100% owned, composed of 145 claims (75km²)
- Yielded numerous high-grades samples, assaying up to 867.1 g/t Au
- Recent metallurgical tests showed favorable gold recoveries up to 88% by gravity concentration and up to 97.1% over all
- Excellent infrastructure including road access to the camp, cheap electricity costs
- Golden Valley Mines holds a 2.5% to 4% sliding scale NSR



More than 62,000
meters drilled in
245 drill holes



Frequent occurrences of
visible gold



High gold recovery by
gravity



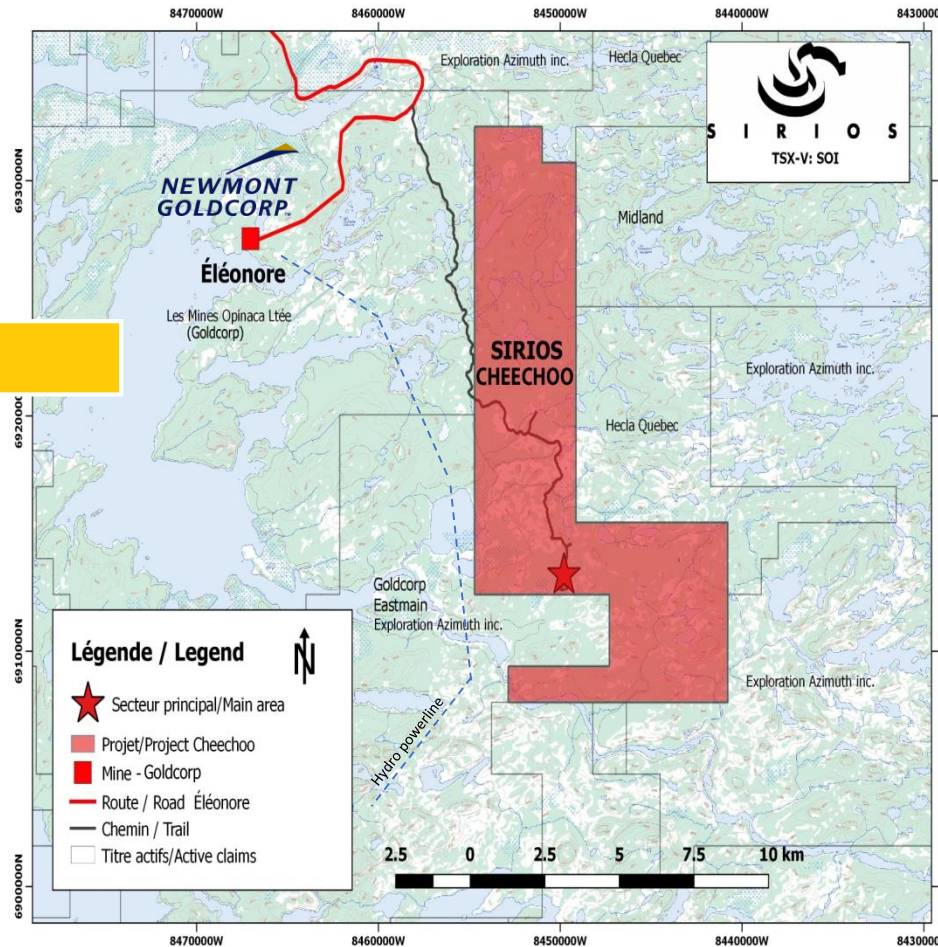
High-grade gold
within a large low-
grade envelope



Cheechoo - Close to Newmont Goldcorp's Éléonore Mine



Cheechoo is 7.6 km
from Éléonore



Éléonore mine

- New world-class, state-of-the-art facility
- One of the largest gold mines in Quebec
- Began producing in 2015
- CAD \$2 Billion construction costs (excluding acquisition)

Summary

- Owned by Newmont Goldcorp
- Underground Mine
- Mill : conventional circuit, cyanide certified
- Milling/Processing Capacity: 6,600 tons/day
- Hydro-electricity powered: 35 megawatts
- Production (2018 guidance) : 265,000 on Au
- AISC (2018 guidance) : 935 USD per on
- Reserves (proven and probable): 3.25M on Au
- Resources (measured + indicated): 0.51M on Au
- Resources (inferred): 0.59M on Au

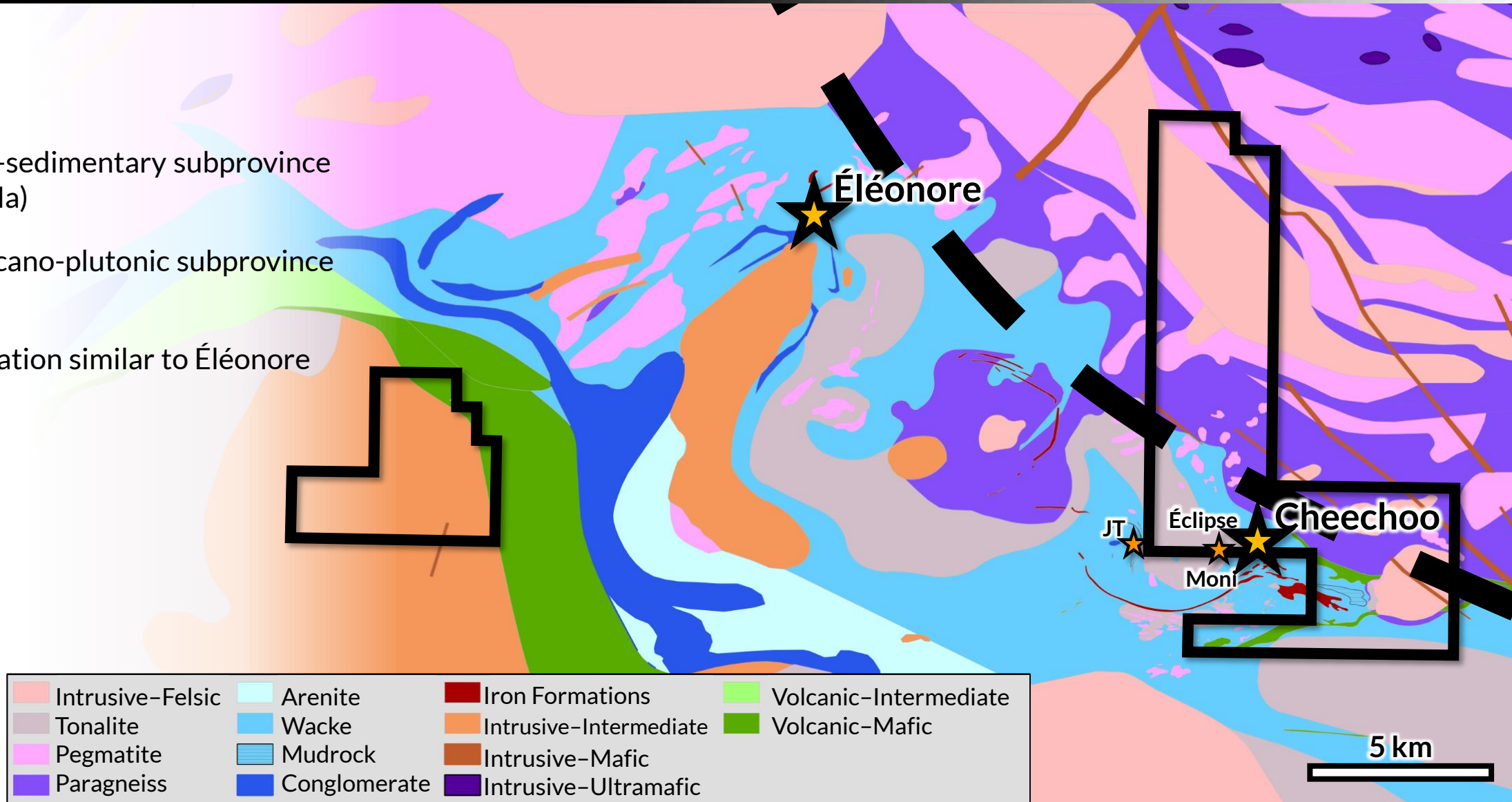


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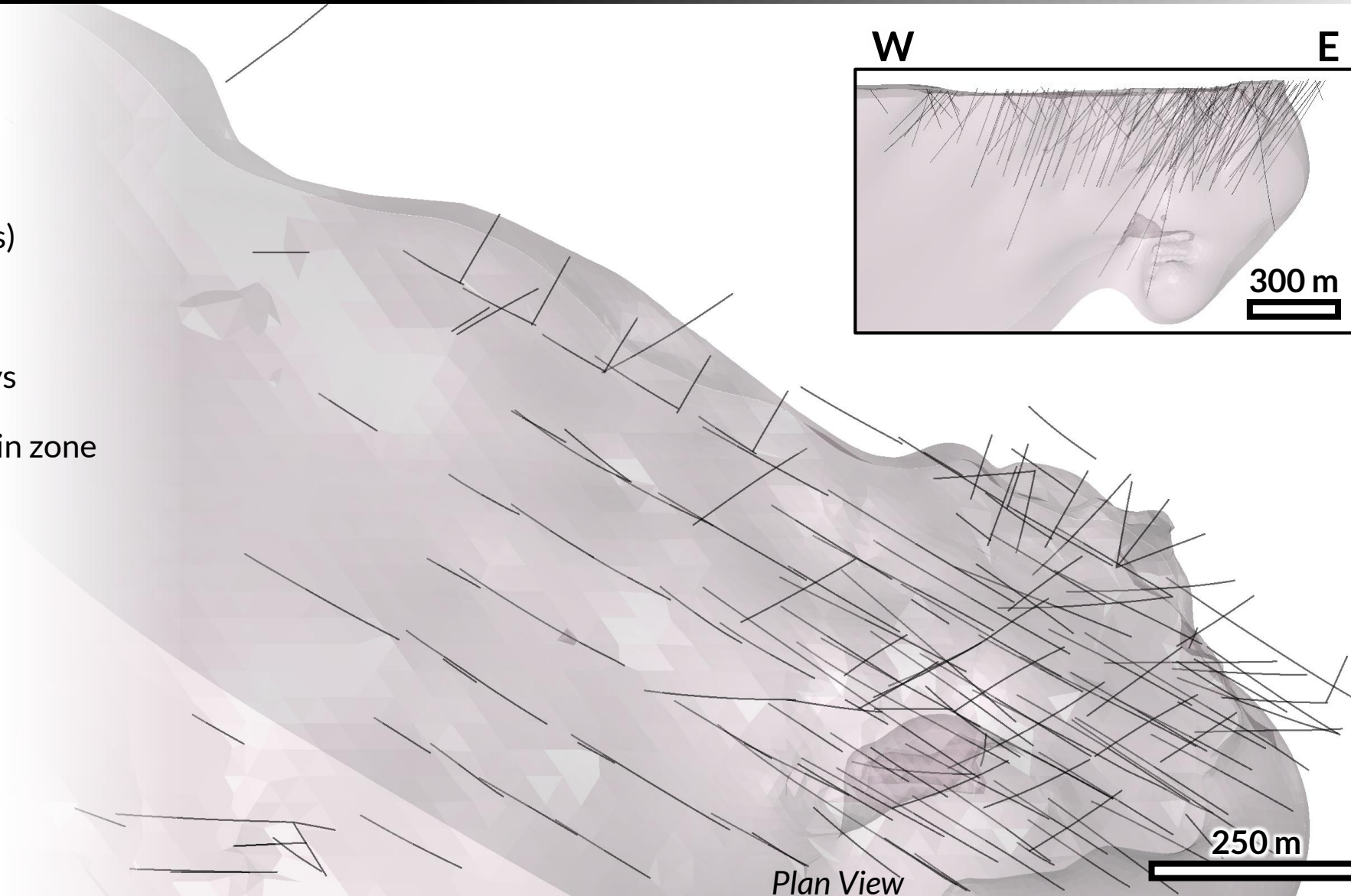
Cheechoo – Regional Geology

- Opinaca meta-sedimentary subprovince (2700-2648 Ma)
- La Grande volcano-plutonic subprovince (2880 Ma)
- Geological location similar to Éléonore



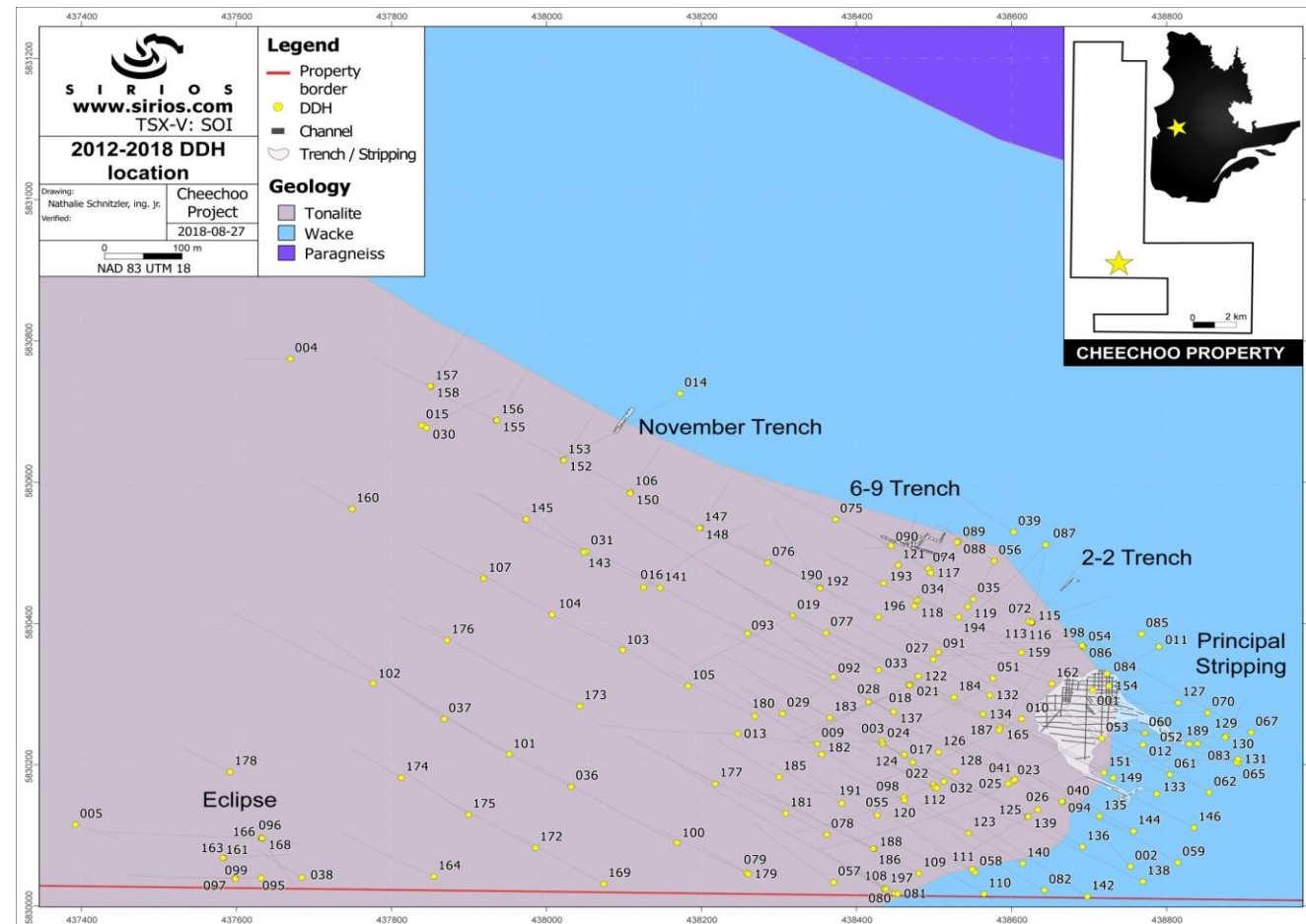
Cheechoo – Diamond Drilling in the Mineralized Area

- 62,189 m of diamond drilling (242 NQ holes and 3 PQ-holes)
- 3,000 m of channel sampling
- 57 holes with borehole surveys
- 50 m spaced drilling in the main zone
- Zones are open at depth



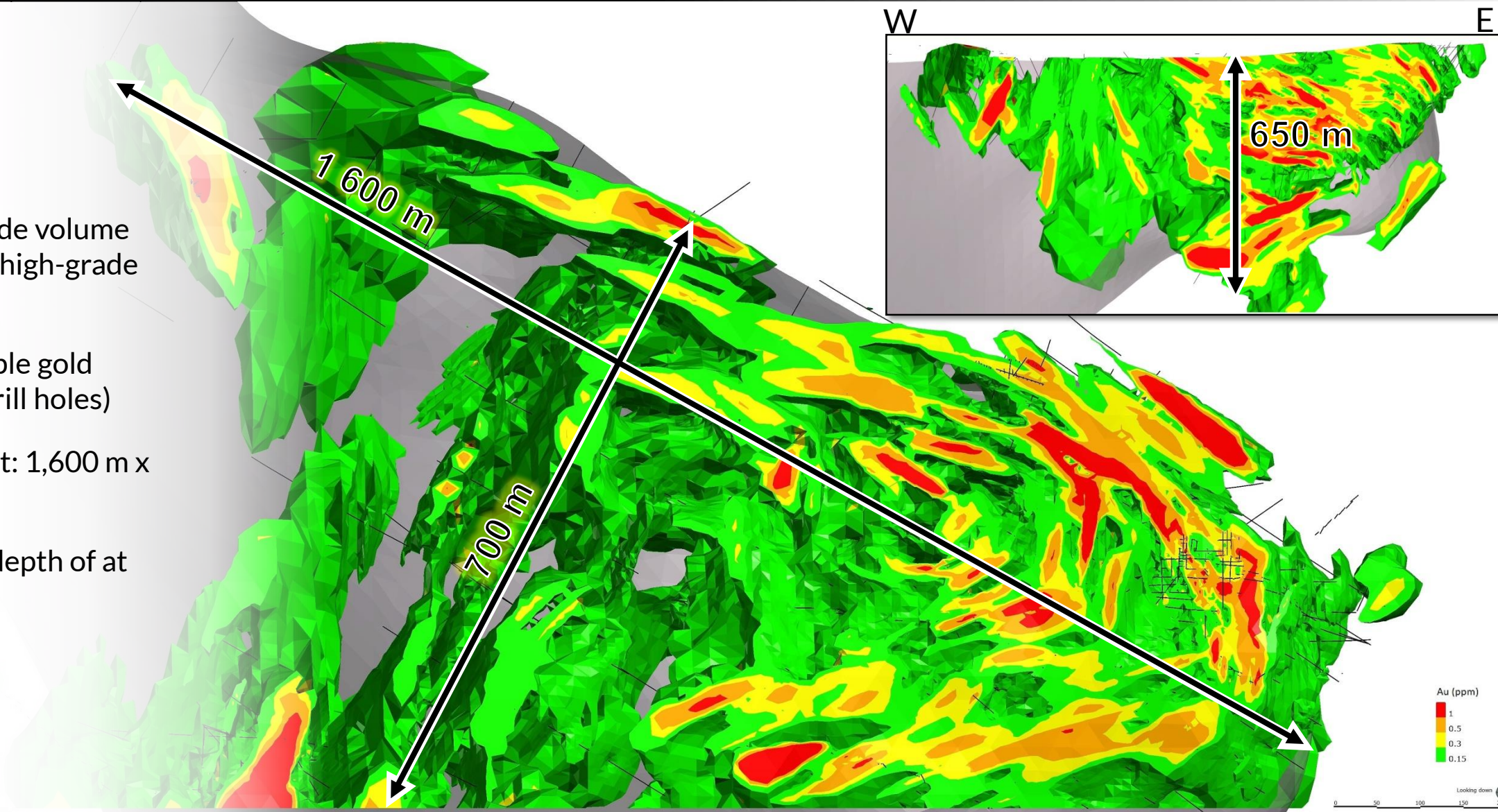
Cheechoo – Sample of Drilling Results

Hole #	From (m)	To (m)	Interval (m)	Au g/t (un-cut)
52	120	140.3	20.3	12.1
incl.	133.2	137.6	4.4	48.4
25E	189	349	160	1.2
112	8.1	225	216.9	2.3
incl.	120	131.8	11.8	9.1
176	92.1	104.5	12.4	6.4
202	64.0	66.0	2.0	174.3
240	336	342.8	6.8	25.5
139	221.3	229.5	8.2	56.4
incl.	225	225.5	0.5	867.1
125	80	259.7	179.7	1.0



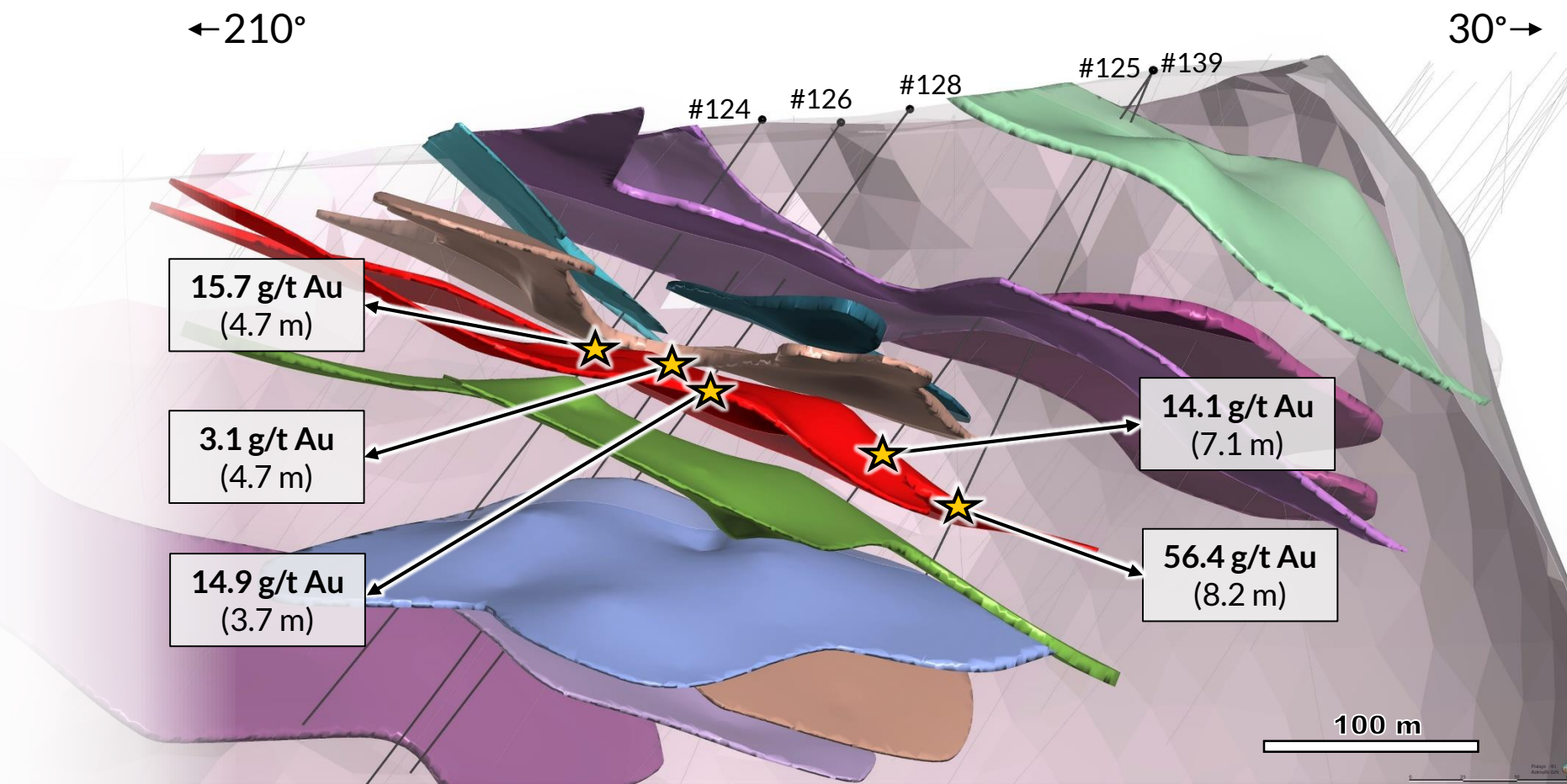
Cheechoo - 3D Modelling of the Gold Envelope

- Huge low-grade volume with multiple high-grade intervals
- Frequent visible gold (75% of the drill holes)
- Surface extent: 1,600 m x 700m
- Extends to a depth of at least 650 m



Cheechoo's High-Grade Gold Zone - "Jordi"

- Zone characterized by the presence of a pegmatite and gold bearing quartz-feldspar veins
- Continuous for more than 300m laterally and more than 200m down dip
- Zone remains open at depth
- More than 35 high grade zones (>1 g/t)

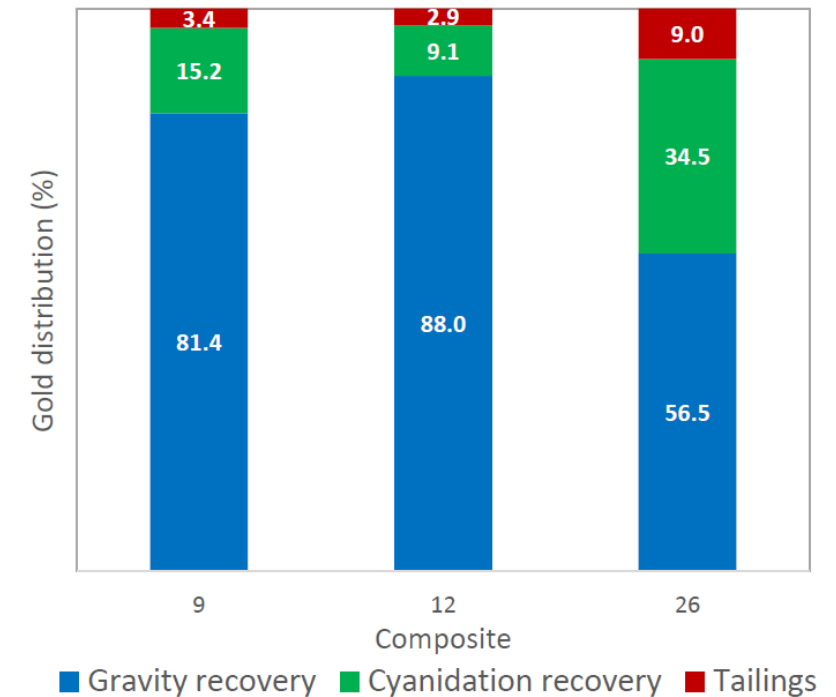


Cheechoo - Recent Metallurgical Tests Results

Three 30 kg composites tested

- Easy gold recovery
- Up to **88%** gravity recovery and **97.1%** global gold recovery
- Low reagent consumption
 - < **0.5** kg/t NaCN
 - < **0.7** kg/t Ca(OH)₂
- Potential for sulfide flotation on gravity tailings
- Encouraging comminution tests
 - Ore hardness medium hard to hard
 - Potential for HPGR (high pressure grinding rolls)
- Environmentally friendly
 - < **0.2%** sulfide in tailings

Composite #9 tonalite (0.66 g/t)
Composite #12 tonalite (4.38 g/t)
Composite #26 metasediments (0.22 g/t)



Gold recovery by gravity and tailing cyanidation

Sample #	Lithology	Head grade (Au g/t)	Gold Recovery (%)			Grade obtained (Au g/t)
			Gravity	Tailing Cyanidation	Total	
9	Tonalite	0.56	81.4	15.2	96.6	0.92
12	Pegmatite	3.06	88.0	9.1	97.1	2.81
26	Meta- greywacke	0.27	56.5	34.5	91.0	0.31



Gold recovery with three different processes

Process stage	Au recovery (%)		
	Comp. 9	Comp. 12	Comp. 26
Direct feed cyanidation ($P_{80}=50\mu\text{m}$)	88.1	92.0	87.8
GRG + cyanidation of tailings	96.6	97.1	91.0
<i>GRG stages 1+2+3</i>	81.4	88.0	56.5
<i>Cyanidation recovery</i>	81.7	75.6	79.2
GRG + flotation of GRG tailings	93.1	95.9	82.4
<i>GRG</i>	81.4	88.0	56.5
<i>Flotation recovery</i>	62.7	65.8	59.5



Experienced Management Team and Board



Dominique Doucet, P. Eng.
President, CEO and Director

- Active in the mineral exploration industry for close to 45 years
- Degree in geological engineering, specialized in mineral exploration, Polytechnique Montréal
- Founded William Res. In 1987 before creating Sirios in 1994
- Co-founder, of Dios Expl. in 2001 and Khalkos Expl in 2011



Frédéric Sahyouni, B.Comm.
CFO and Company Secretary

- B.A. in Commerce, John Molson School of Business
- Worked as a business consultant in the mining and music industry
- An integral part of the Sirios team for over ten years, managing finances, investor communications and marketing
- CFO since 2011 and held the same position at Sirios' gold-copper spin-off Khalkos Exploration Inc. for four years.
- Director of Sirios from 2011 to 2014



Gilles Dupuis
Chairman of the Board, Dir.

- Active private investor mainly in natural resources companies since 1999.
- Investigator at the Illegal Practice Surveillance Service of the Ordre des Ingénieurs du Québec from 2001 to 2016.
- Worked with the Montreal City Police Service, as policeman and as an investigator
- Director of Khalkos Exploration Inc. from 2011 to 2013.



Luc Cloutier
Audit Committee Pres., Dir.

- Since 1998, president of his own private management company.
- Accounting Diploma from the Timmins Business College.
- Chairman of Caisse Desjardins D'Amos (2001-2011)
- President & CEO of Trudel & Frères, a safety products and equipment distributor company.



Guy Chevette
Director

- Quebec MNA (1976-2002)
- Served as Minister of Natural Resources, Minister responsible for Aboriginal Affairs, Minister responsible for Regional Development, Minister of Transport and Minister responsible for Wildlife and Parks.
- In 2002, appointed Special Representative of the Prime Minister on the issue of the territorial agreement with the Innu of the North Shore



Michel F. Bouchard
Director

- 30 years experience in mining industry
- M.A. in geology and MBA
- Director and Senior Executive for several publicly traded companies in the mining sector
- Vast experience in financing, exploration, development and production
- President and CEO of Clifton Star Resources Inc., when acquired by First Mining Finance Corp.



Technical Advisors



Roger Doucet, B.Sc.
Technical Advisor

- B.Sc. Geology from University of Ottawa.
- Held management positions from 1989 to 2001 in several companies, including Inca Drilling Inc. S.A Peru, Ancash Mining, Dynacor Mines Inc. and Morrison Minerals Ltd.
- At the origin of Bousquet 1 gold mine discovery and greatly involved in the Doyon gold mine discovery.
- Senior Exploration Geologist at Casa Berardi Mine in Abitibi and Director of Exploration for Agnico Eagle in Mexico, helping to bring the Pinos Altos mine into production.
- Retired since 2012 and lives in Peru.



Louis Martin, P. Geo
Technical Advisor

- B.Sc. Geology from Concordia University, Quebec
- An independent geological consultant with over 30 years of experience with major, mid-tier, and junior mining companies.
- Has made significant contributions to the discovery of several gold and base metal deposits during his career.
- Part of the exploration teams awarded the *Discovery of the Year* by the AEMQ (Quebec Mineral Exploration Association) for the West Ansil Deposit (2005) and the Louvicourt Deposit (1989).
- Partook in the definition and underground development of the Norlartic, Kierens and Gold Hawk gold mines in the Val-d'Or region.



Young and dynamic exploration team



- Alexandra Blanchette, Geologist-in-training
- Daniel Boudreau, Geologist
- Guillaume Doucet, Geologist-in-training
- Roger Moar, Senior Geologist
- Vincent Raymond, Geologist-in-training
- Nathalie Schnitzler, Geologist
- Jordi Turcotte, Senior Geologist



Favourable Jurisdiction

- Quebec: Ranked in the top 5 worldwide mining jurisdictions by the Fraser Institute
 - Investment Attractiveness, Policy Perception, Mineral Potential
 - Very good Mineral Endowment
 - Low electricity rates
 - Agreements with the First Nations Communities in northern Quebec
- Excellent infrastructure, including road access to the camp.
- Availability of hydro electric power and water.
- Office and management based in the province.



Share Metrics

Sirios Resources (TSXV: SOI)	
Share Price (CAD)	\$0.205
Working Capital (CAD)	\$0.6M
Market Cap (CAD)	\$32.8M
Shares Outstanding	156.2M
Warrants	~2.2M
Options	~9.0M
Fully Diluted Shares Outstanding	167.4M
52 Week Range (CAD)	\$0.12 – 0.28

As of September 5, 2019

52 Week Stock Chart



Ownership Summary

Ownership Summary	
Institutions, Funds and Corporations*	31%
Newmont Goldcorp (NYSE:NEM)	16%
Directors and Trustees	11%
Others	42%

* Institutions, Funds and Corporations (International):



* Institutions, Funds and Corporations (Quebec):



Major Québec Government fund to invest in Québec mineral exploration companies



Caisse de dépôt et placement du Québec

Largest pension fund in Canada



Québec's largest central labor body



World-class precious metals royalty and streaming company



Capitalized in equal shares by Caisse de depot et placement du Quebec and Desjardins

Société de développement de la Baie-James



Representative of Québec gov't, promoting dev. and exploration of nat. resources



Largest association of credit unions in North America



SIRIOS

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Upcoming Milestones

Q4 2019:

- Phase II of Metallurgical tests (fully funded)
- Resource Estimation (fully funded)
- Road access improvement (bridge)
- Impact Studies (characterization of wetlands)

2020:

- Infill Drilling, PEA
- Bulk Sampling program
- Completion of Impact Studies and Baseline Studies
- Additional Infill Drilling

2020-21: Pre-Feasibility Study (PFS)

2021: Feasibility Study (FS)



Why Invest in Sirios?

- Potential world class gold deposit - Cheechoo Project
- Next door to 16% shareholder, Newmont Goldcorp's Éléonore mine
- Resource Estimate expected in 2019 (fully funded)
- Attractive share price and valuation





To Reach Us!

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