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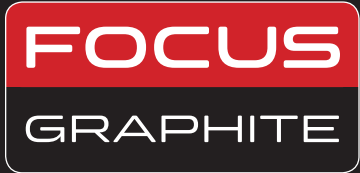
GRAPHITE

***ELECTROCHEMICAL PERFORMANCE OF HIGH PURITY GRAPHITE
FROM THE LAC KNIFE FLAKE GRAPHITE DEPOSIT IN QUÉBEC, CANADA***

32nd International Battery Seminar and Exhibition, Fort Lauderdale, Florida March 10, 2015

Dr. Joseph E. Doninger, MSc, BSc — Director of Manufacturing and Technology

DISCLAIMER



This presentation contains “forward-looking information” within the meaning of Canadian securities legislation. All information contained herein that is not clearly historical in nature may constitute forward-looking information. Generally, such forward-looking information can be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: (i) volatile stock price; (ii) the general global markets and economic conditions; (iii) the possibility of write-downs and impairments; (iv) the risk associated with exploration, development and operations of mineral deposits; (v) the risk associated with establishing title to mineral properties and assets; (vi) the risks associated with entering into joint ventures; (vii) fluctuations in commodity prices; (viii) the risks associated with uninsurable risks arising during the course of exploration, development and production; (ix) competition faced by the resulting issuer in securing experienced personnel and financing; (x) access to adequate infrastructure to support mining, processing, development and exploration activities; (xi) the risks associated with changes in the mining regulatory regime governing the resulting issuer; (xii) the risks associated with the various environmental regulations the resulting issuer is subject to; (xiii) risks related to regulatory and permitting delays; (xiv) risks related to potential conflicts of interest; (xv) the reliance on key personnel; (xvi) liquidity risks; (xvii) the risk of potential dilution through the issue of common shares; (xviii) the Company does not anticipate declaring dividends in the near term; (xix) the risk of litigation; and (xx) risk management.

Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, no material adverse change in metal prices, exploration and development plans proceeding in accordance with plans and such plans achieving their stated expected outcomes, receipt of required regulatory approvals, 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 the forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Such forward-looking information has been provided for the purpose of assisting investors in understanding the Company’s business, operations and exploration plans and may not be appropriate for other purposes. Accordingly, readers should not place undue reliance on forward-looking information. Forward-looking information is made as of the date of this press release, and the Company does not undertake to update such forward-looking information except in accordance with applicable securities laws.



OUTLINE OF PRESENTATION

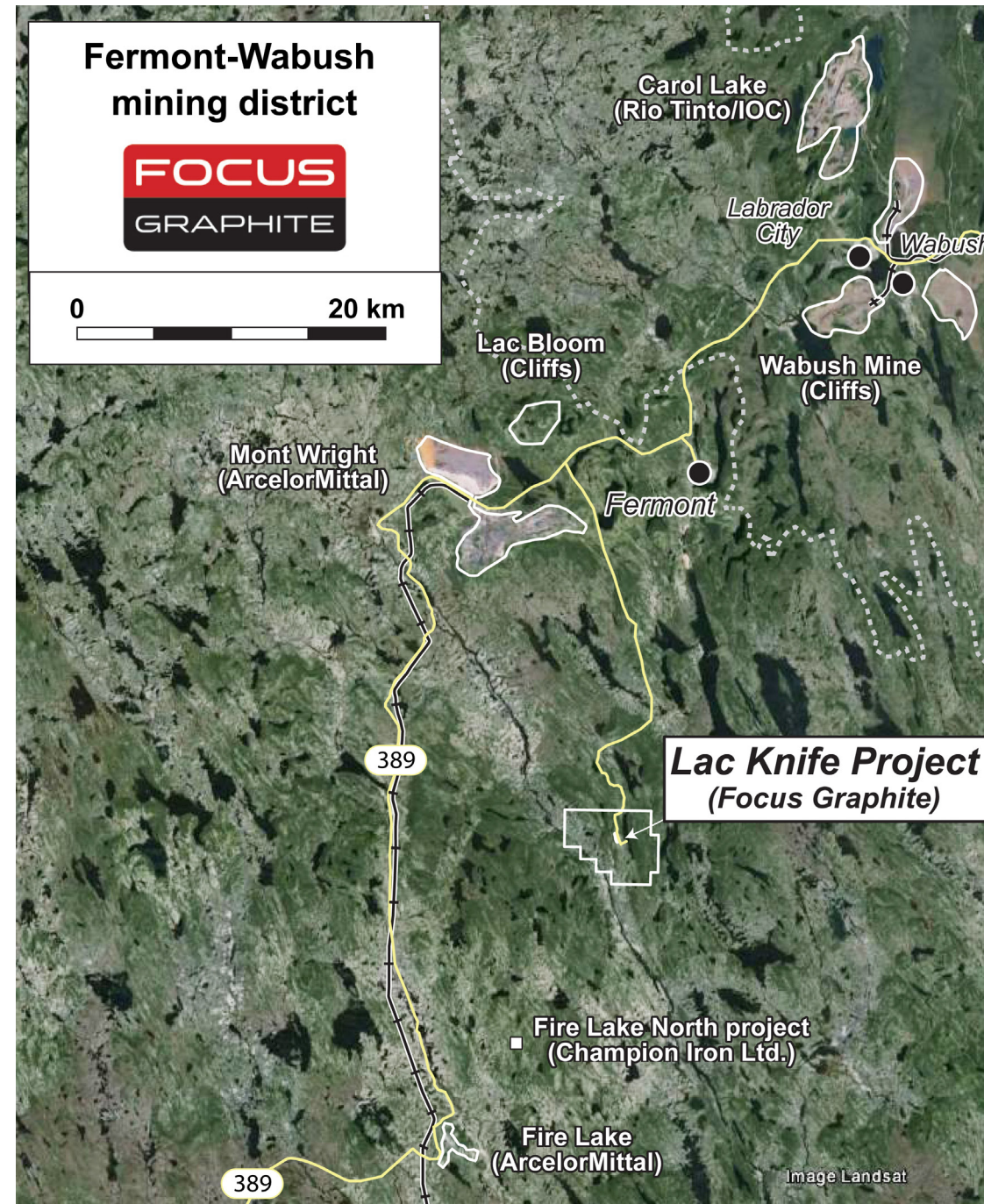
- History of the Lac Knife Graphite Deposit
- Lac Knife Exploration and Drilling Program
- Pilot Plant Testing Program Conducted on Lac Knife Graphite
- Electrochemical Performance of High-Purity Lac Knife Graphite
- Current Status of the Development of the Lac Knife Graphite Deposit



PROJECT LOCATION

Lac Knife, Québec, Canada

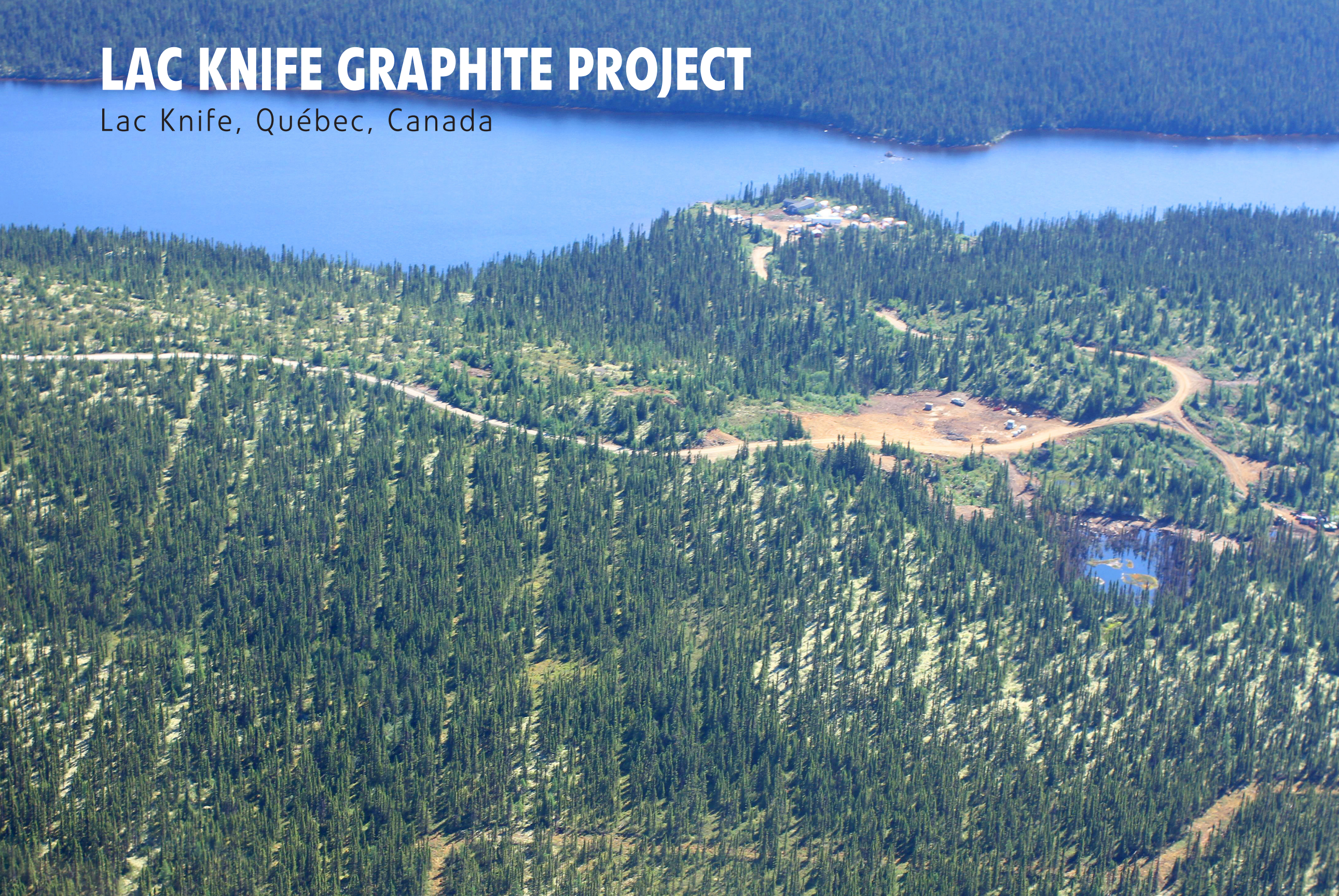
- Located in northern Québec, 27 km southwest of Fermont
- Large, established iron-ore mining camp and home to billion-dollar mining projects — ArcelorMittal, RioTinto's IOC, Cliffs Natural Resources' Bloom Lake and Wabush Mines
- Consists of 57 claims covering 3,000 ha/7,500 acres
- ~60 km to the Wabush Airport (YWK)
- Near 2 railway lines connected to Port-Cartier and the Port of Sept-Iles



LAC KNIFE GRAPHITE PROJECT

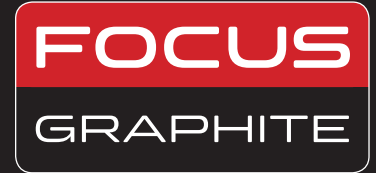
Lac Knife, Québec, Canada

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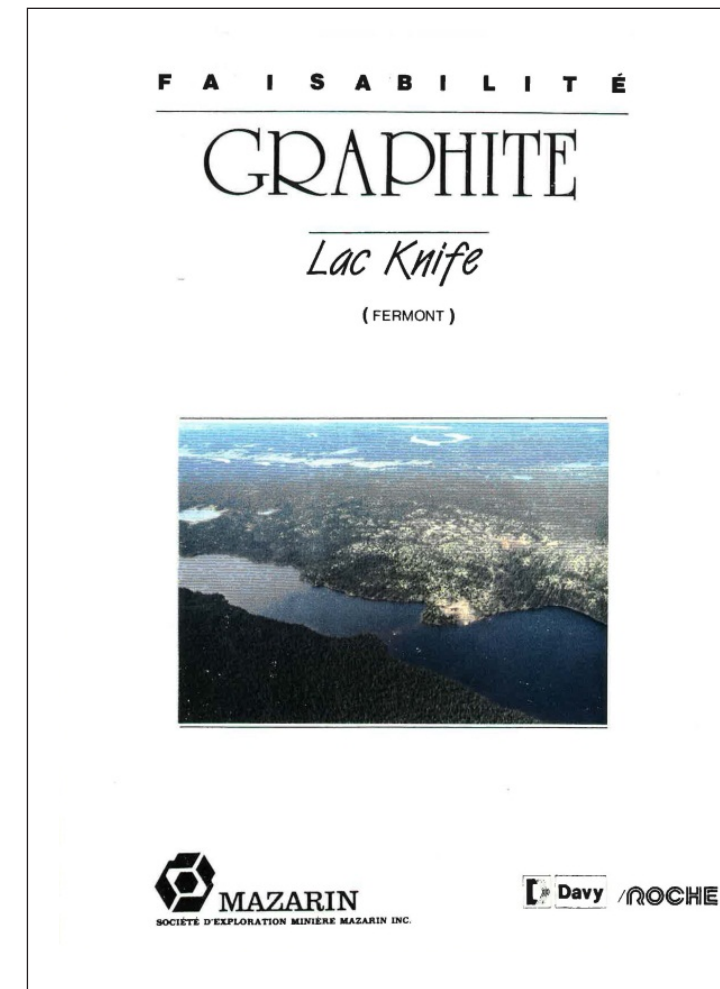


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LISTED ON **TMX** | TSX Venture
Exchange

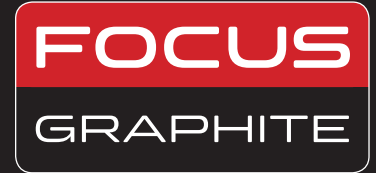
LAC KNIFE HAS A PROVEN HISTORY



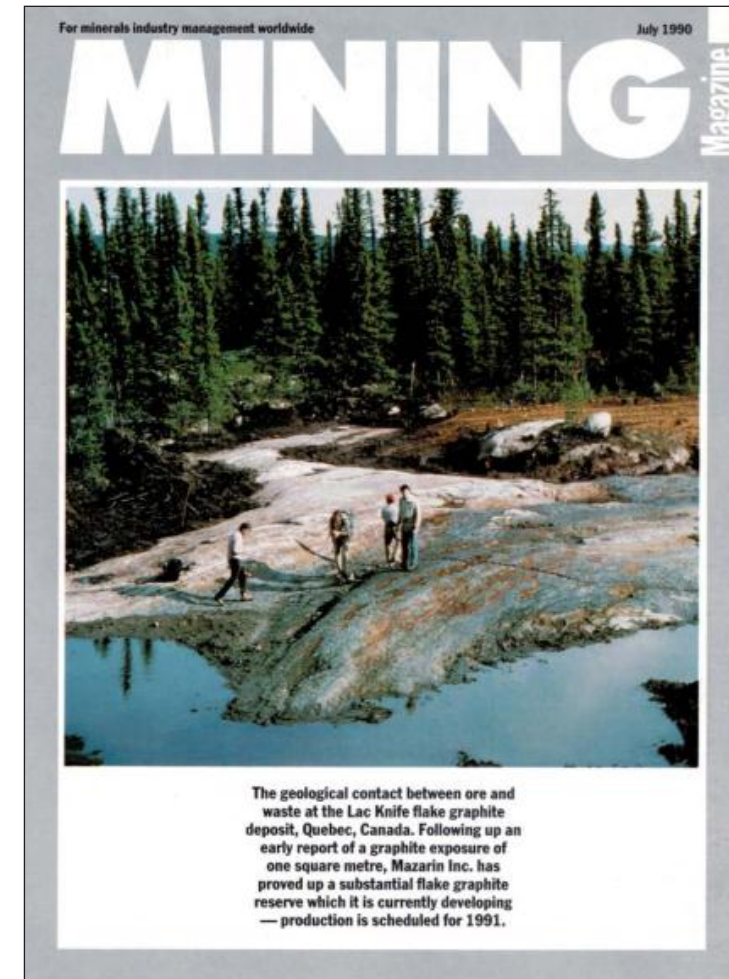
- Graphite showing discovered by Québec Ministry mapping survey in 1959
- Prospected and explored for graphite by Mazarin Inc. and Le Fond d'Exploration Minière du Nouveau Québec 1982-1988
- Drilling program in 1989 by Mazarin indicated the potential for an 8.1 Mt deposit grading 16.7% Cg (NI 43-101 non-compliant)
- Pre-Feasibility and Feasibility studies were conducted for mine development



LAC KNIFE HAS A PROVEN HISTORY



- Joint Venture agreement between Mazarin and Cambior in August 1990
- In 2002 Graftech International and Ballard Power Systems (looking for graphite for fuel-cell batteries) and Mazarin plan a joint venture to start production in 2004
- In 2010, Focus Graphite acquires Lac Knife from IAMGOLD and begins assessing the resource



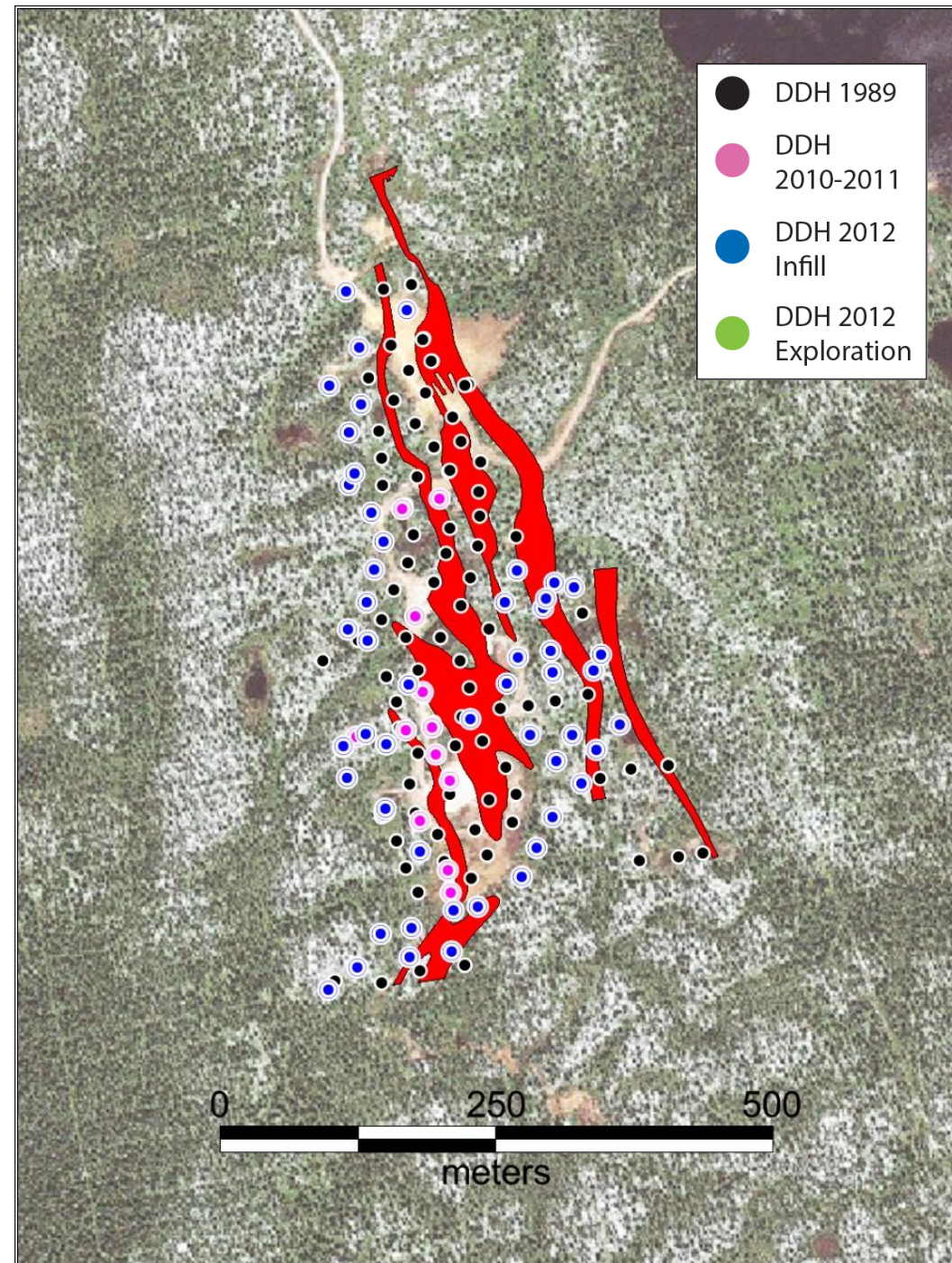
DRILLING RIG AND CORES



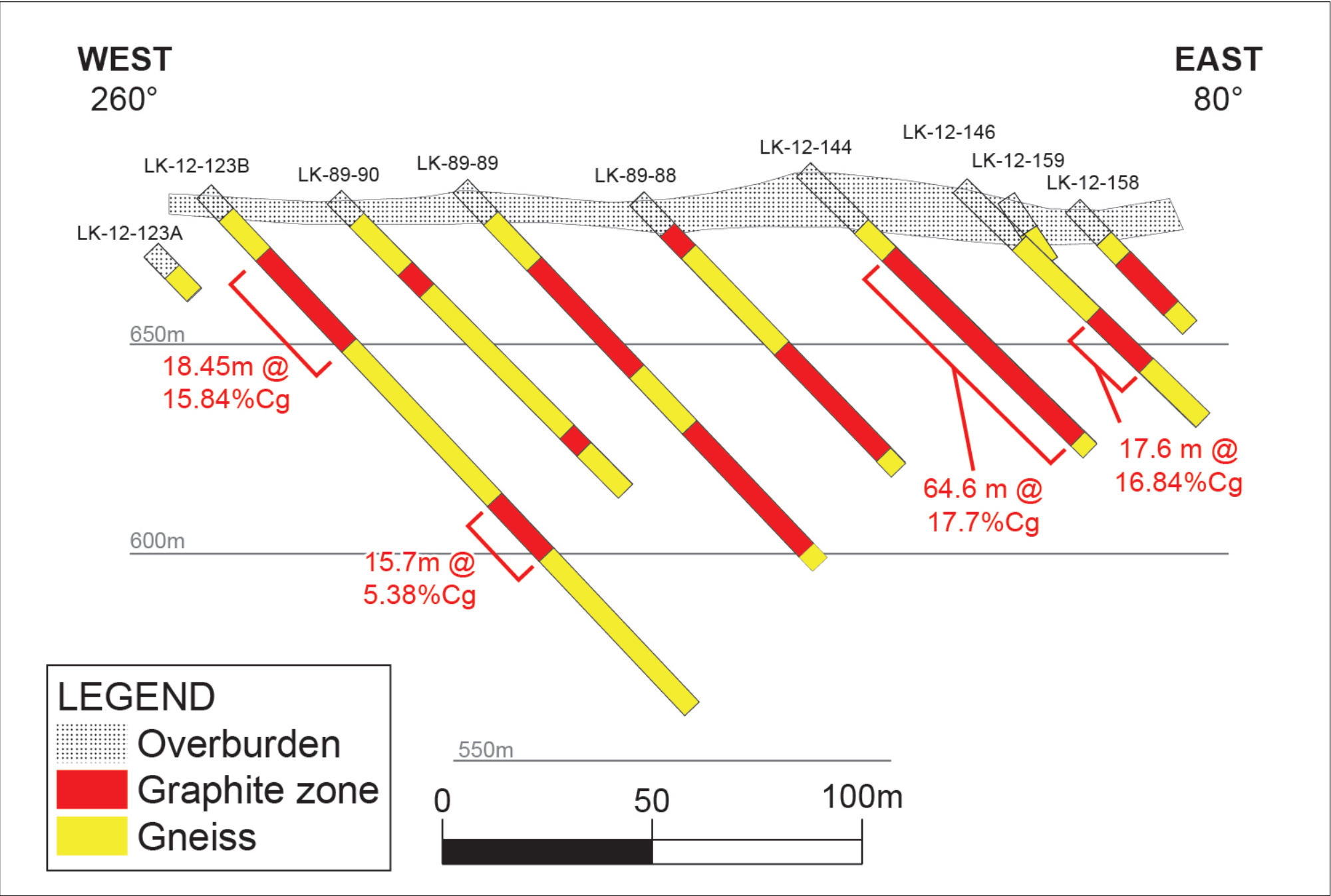
LAC KNIFE DEPOSIT

Focus Graphite 2012 PQ drill program

- 56 drill holes for 5,638 meters in PQ caliber (4 inches in diameter) for infill and testing margins of the deposit as well as gathering ore for Phase II metallurgical tests



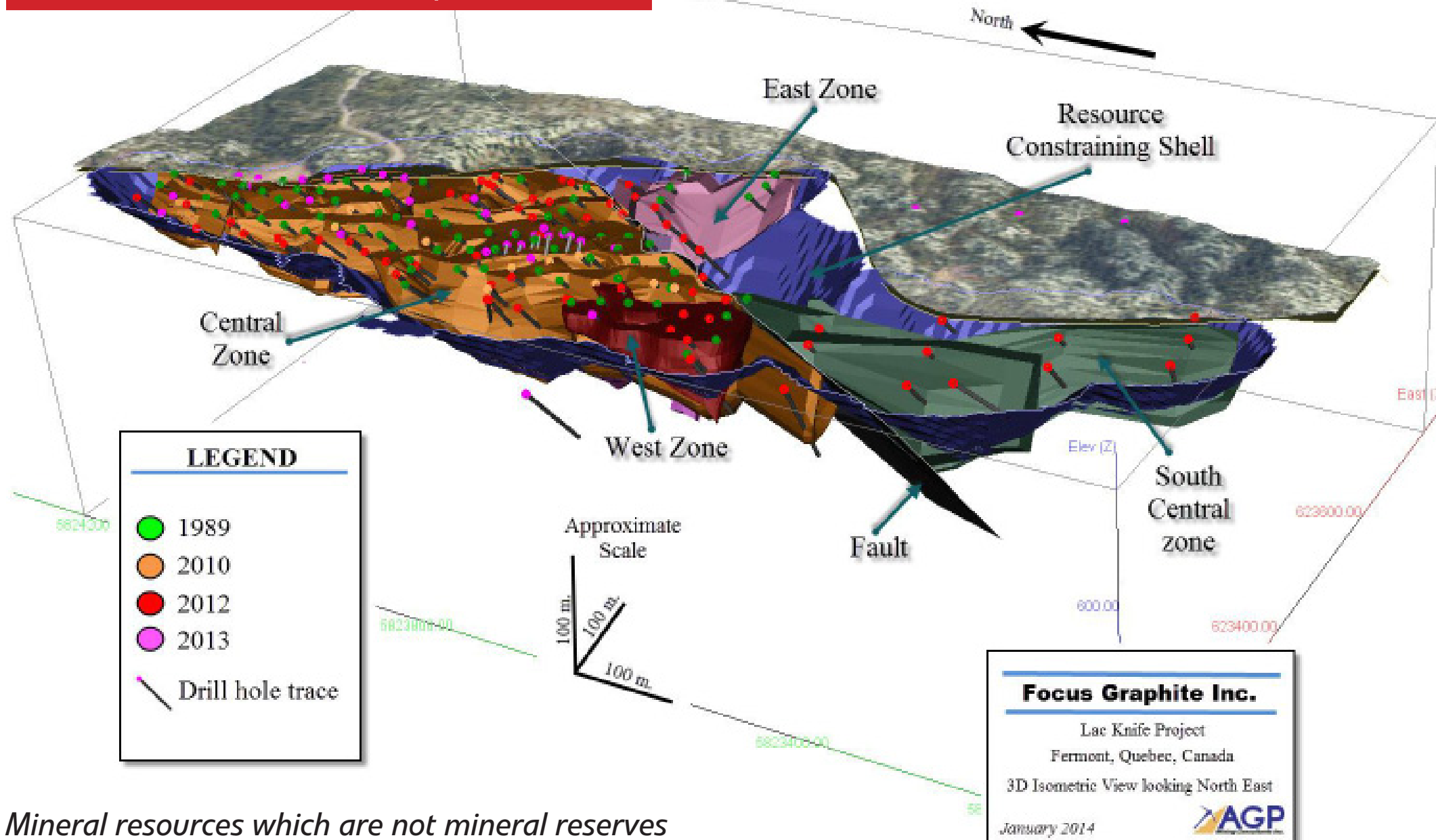
LAC KNIFE DEPOSIT



MINERAL RESOURCE MODEL

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Total 197 drill holes = 18,320 metres



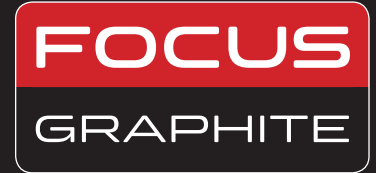
*Mineral resources which are not mineral reserves
have not demonstrated economic viability*

**Lac Knife
Open Pit
Mine**

**700 metres Long
400 metres Wide
100 metres Deep**

FMS **TMX** TSX Venture
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LAC KNIFE OPEN PIT MINERAL RESERVES



Lac Knife Mineral Resource Estimate

@ 3% Graphitic Carbon (Cg) Cut-off Grade

Categories	Tonnage (tonnes)	Graphitic Carbon	In Situ Graphite (tonnes)
Measured	432,000	22.66 %	102,000
Indicated	9,144,000	14.35 %	1,312,000
Measured and Indicated	9,576,000	14.77 %	1,414,000
Inferred	3,102,000	13.25 %	411,000

Lac Knife Open Pit Mineral Reserves

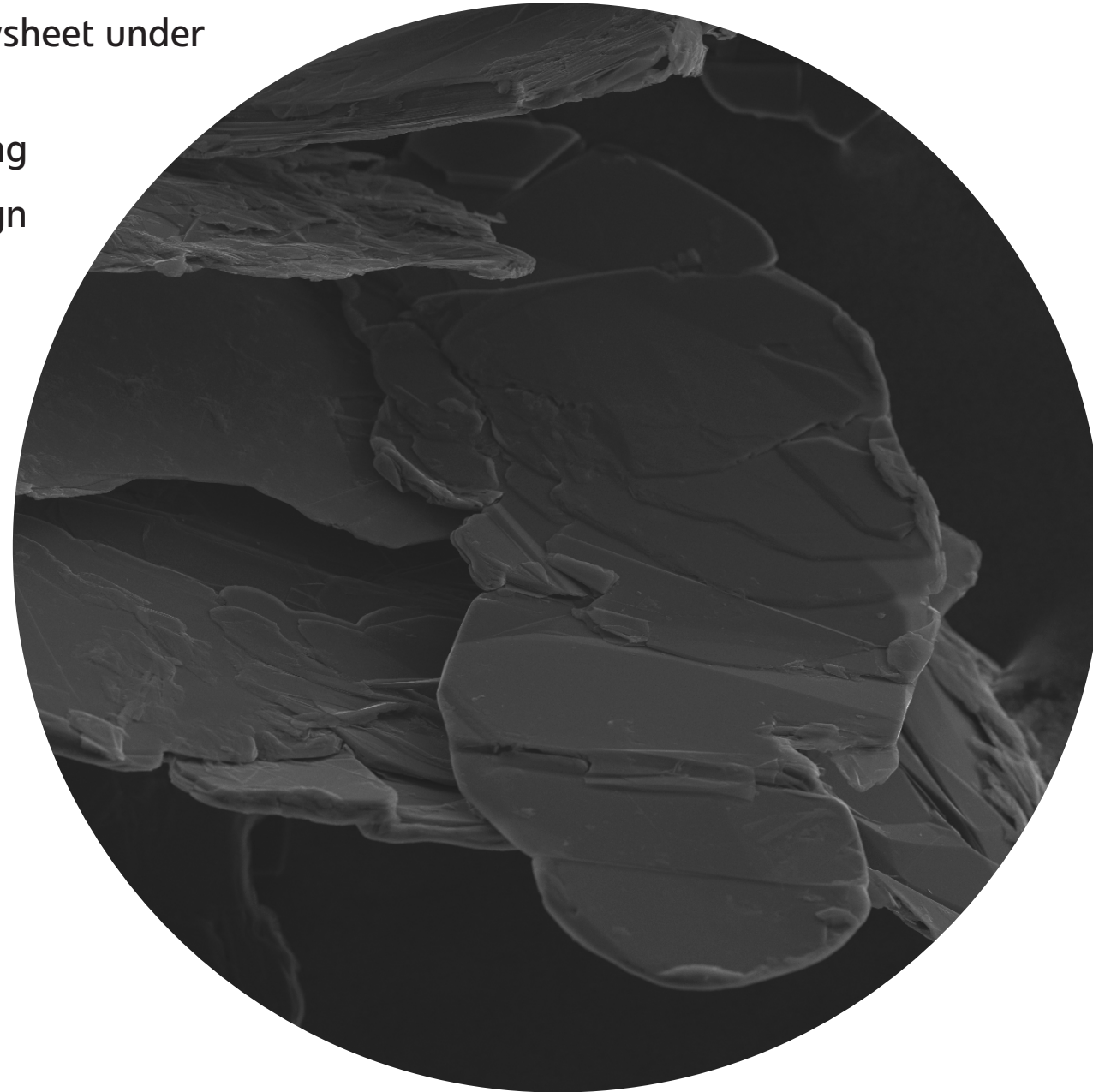
@ 3% Graphitic Carbon (Cg) Cut-off Grade

Categories	Tonnage (tonnes)	Graphitic Carbon	In Situ Graphite (tonnes)
Proven	429,000	23.61 %	101,000
Probable	7,428,000	14.64 %	1,088,000
Proven and Probable	7,857,000	15.13 %	1,189,000



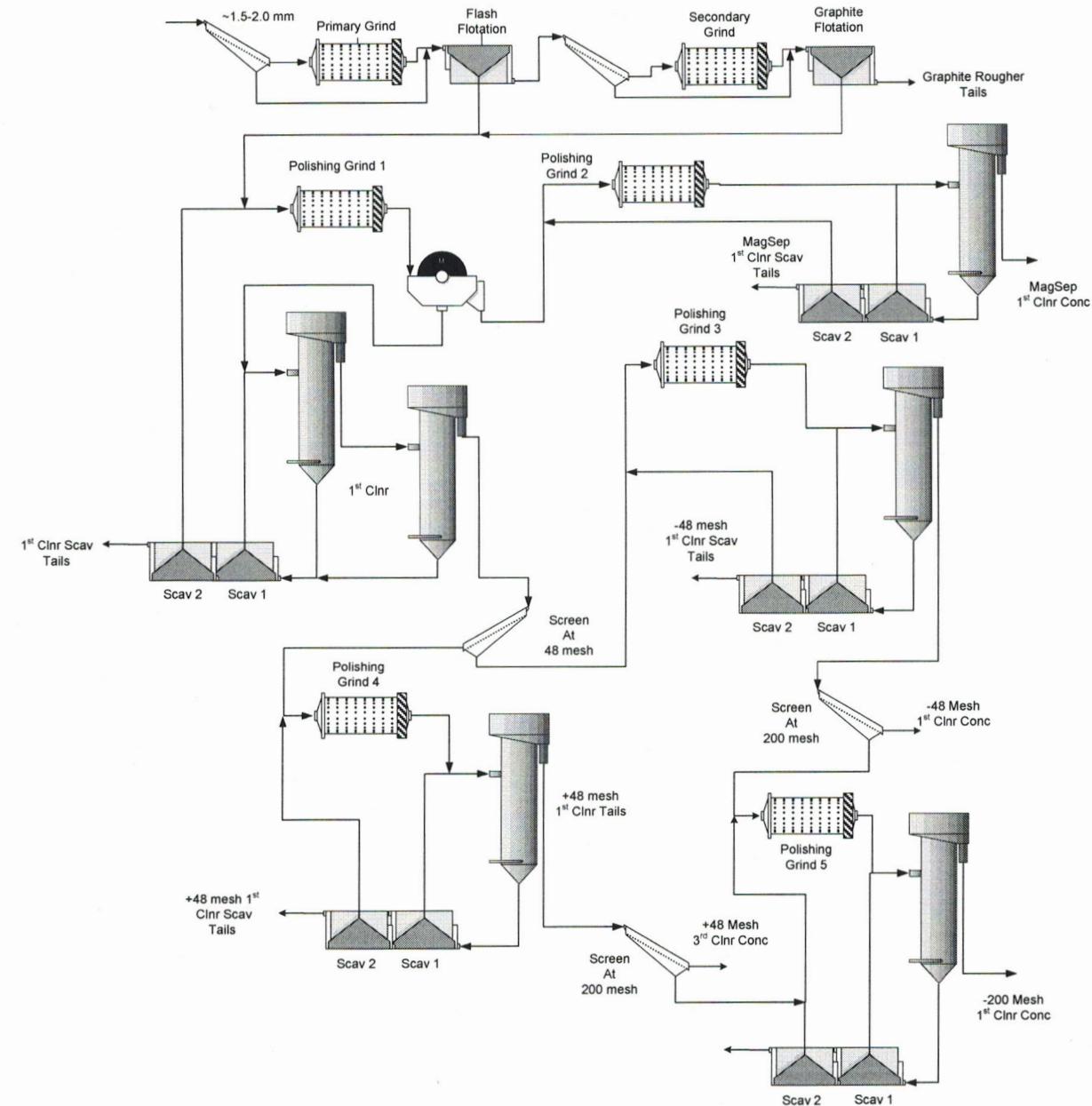
OBJECTIVES OF PILOT PLANT TEST PROGRAM

- Evaluate the performance of proposed flowsheet under continuous operating conditions
- Produce concentrate for downstream testing
- Generate data to support engineering design
- Generate representative tailings samples to use in environmental studies

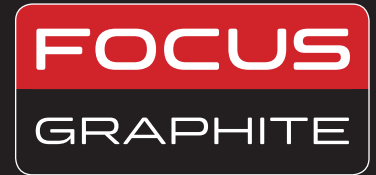


LAC KNIFE PILOT PLANT FLOWSHEET

- 2 Rod Mills
- 4 Polishing Mills
- 7 Sets of Flotation Cells
- 5 Cleaning Columns
- 5 Screens
- 40+ Tons of Ore Processed



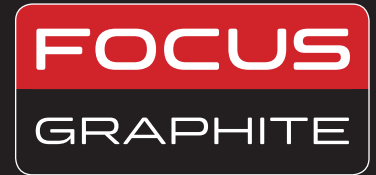
CLEANING CIRCUIT



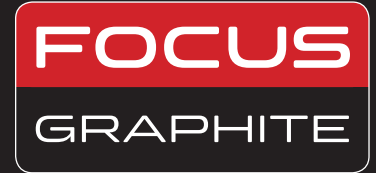
ROUGHER FLOTATION CELL



MAGNETIC SEPARATOR AND POLISHING MILLS



48 MESH CLASSIFICATION SCREEN



HIGH-PURITY GRAPHITE CONCENTRATE

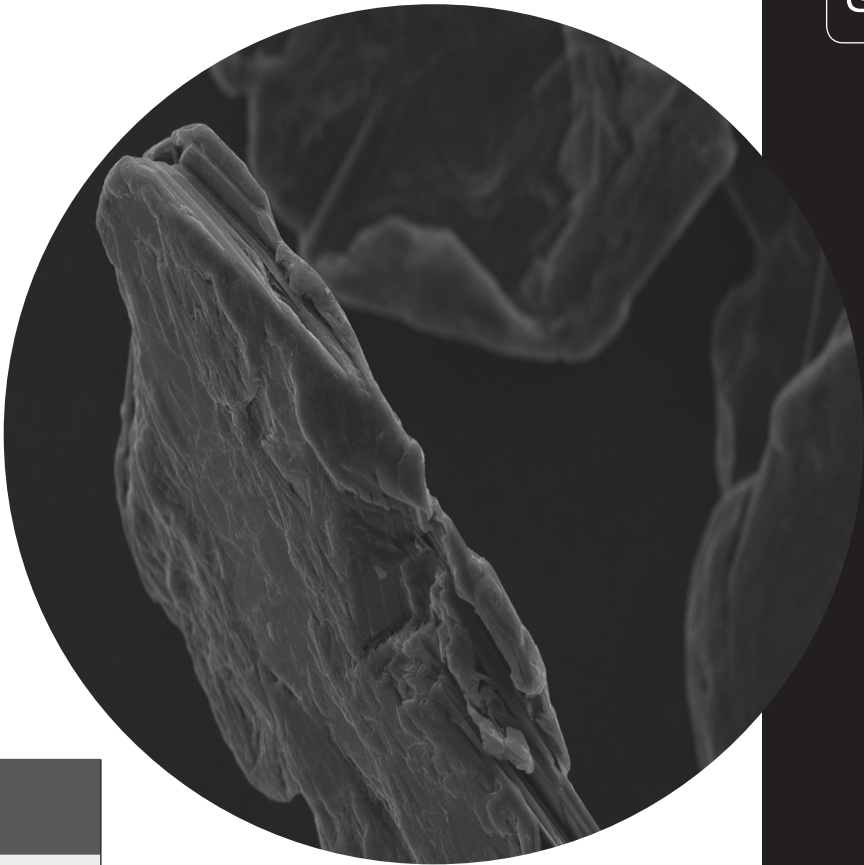


Flake Size & Purity

SGS Lakefield Pilot Plant Tests

- 11.1% large flake +48 @ 98.8% Cg
- High-purity affords low-cost Value-Added Products — as a result of very cost-effective purification processes
- Overall Carbon Recovery of 91%
- Adding of fines polishing circuit could increase Cg content of -200 mesh fines to 97% Cg

Size	Distribution	Total Carbon Grade
Coarse (+80 mesh)	33.5%	98.3%
Medium and fine (-80 to +150 mesh)	29.8%	98.2%
-150 to +200 mesh	16.6%	98.0%
Average of all sizes (+200 mesh)		98.1%
-200 mesh	20%	91.1%

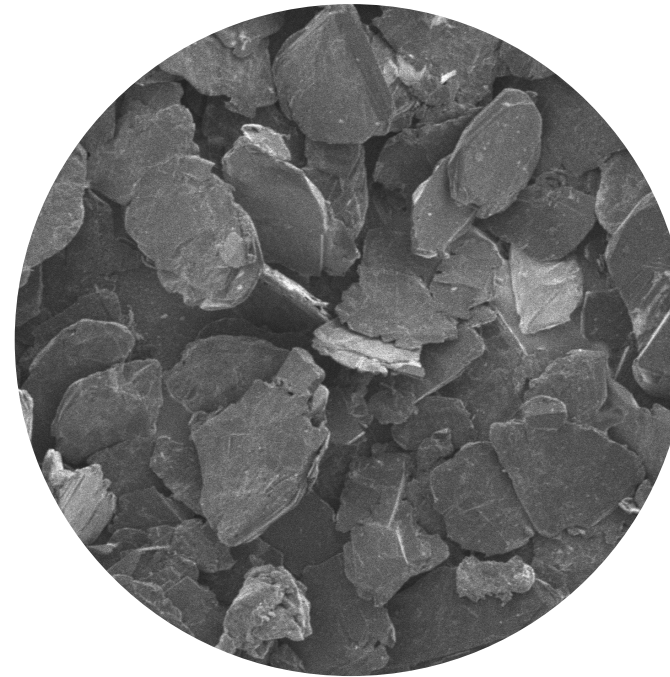


FLAKE PURIFICATION PROCESS

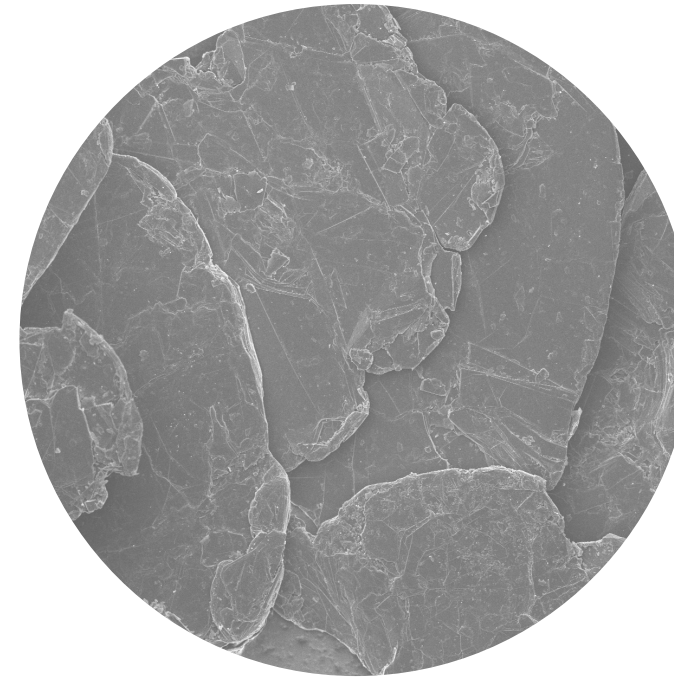
Flotation Concentrate
96% Cg Crystalline Flake Graphite



Concentrate after Polishing
98.3% Cg



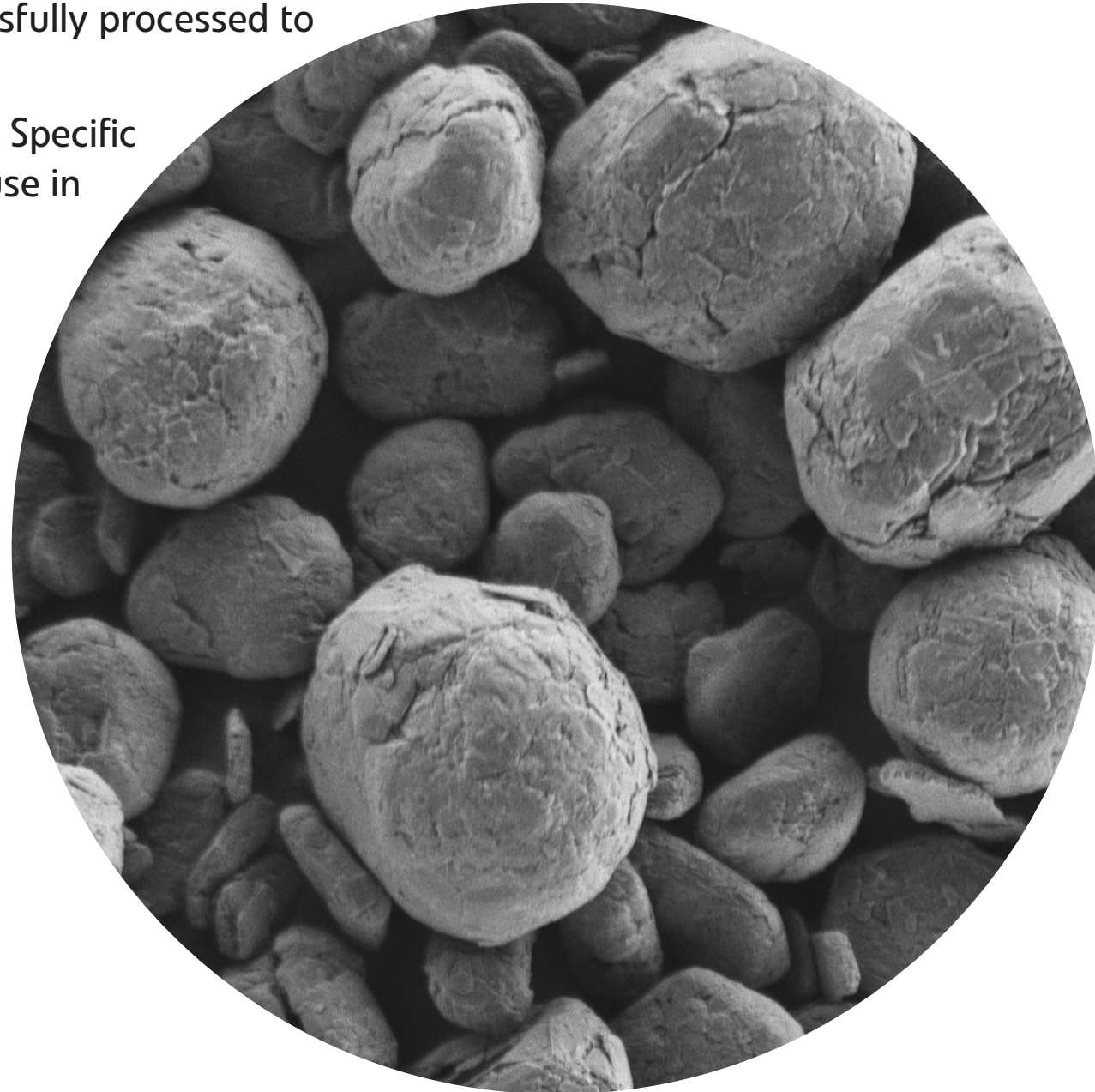
Flake Graphite after Purification
at **99.98%+** Cg



SCANNING ELECTRON MICROGRAPH (SEM)

99.98% Cg Uncoated Standard-Grade Purified Spherical Graphite

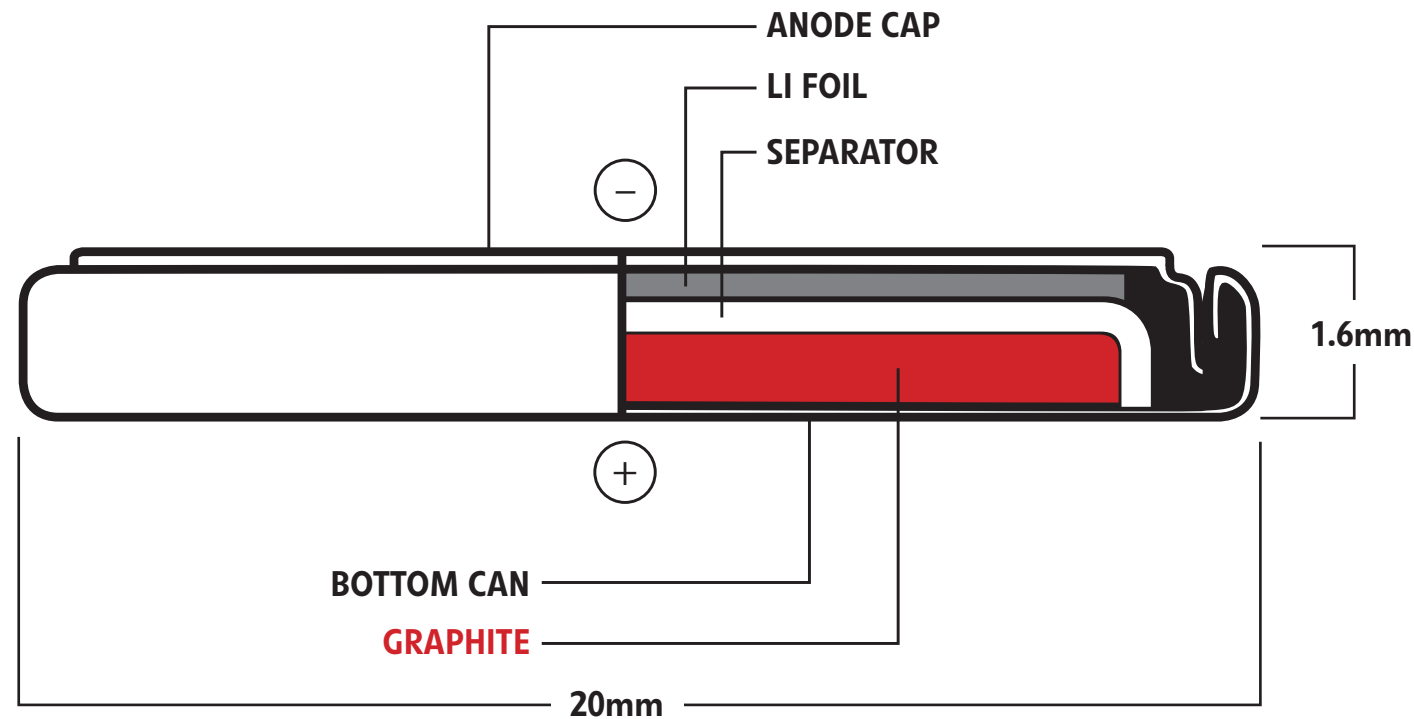
- SEM shows flake graphite has been successfully processed to produce spherical particles (SPG)
- SPG was coated with carbon to reduce the Specific Surface Area (SSA) to make it suitable for use in Lithium-ion Batteries
- Coating also has the effect of reducing reactivity with the electrolyte further reducing the irreversible capacity loss



SEM of standard grade uncoated spherical graphite

CROSS SECTION OF CR2016 COIN CELL

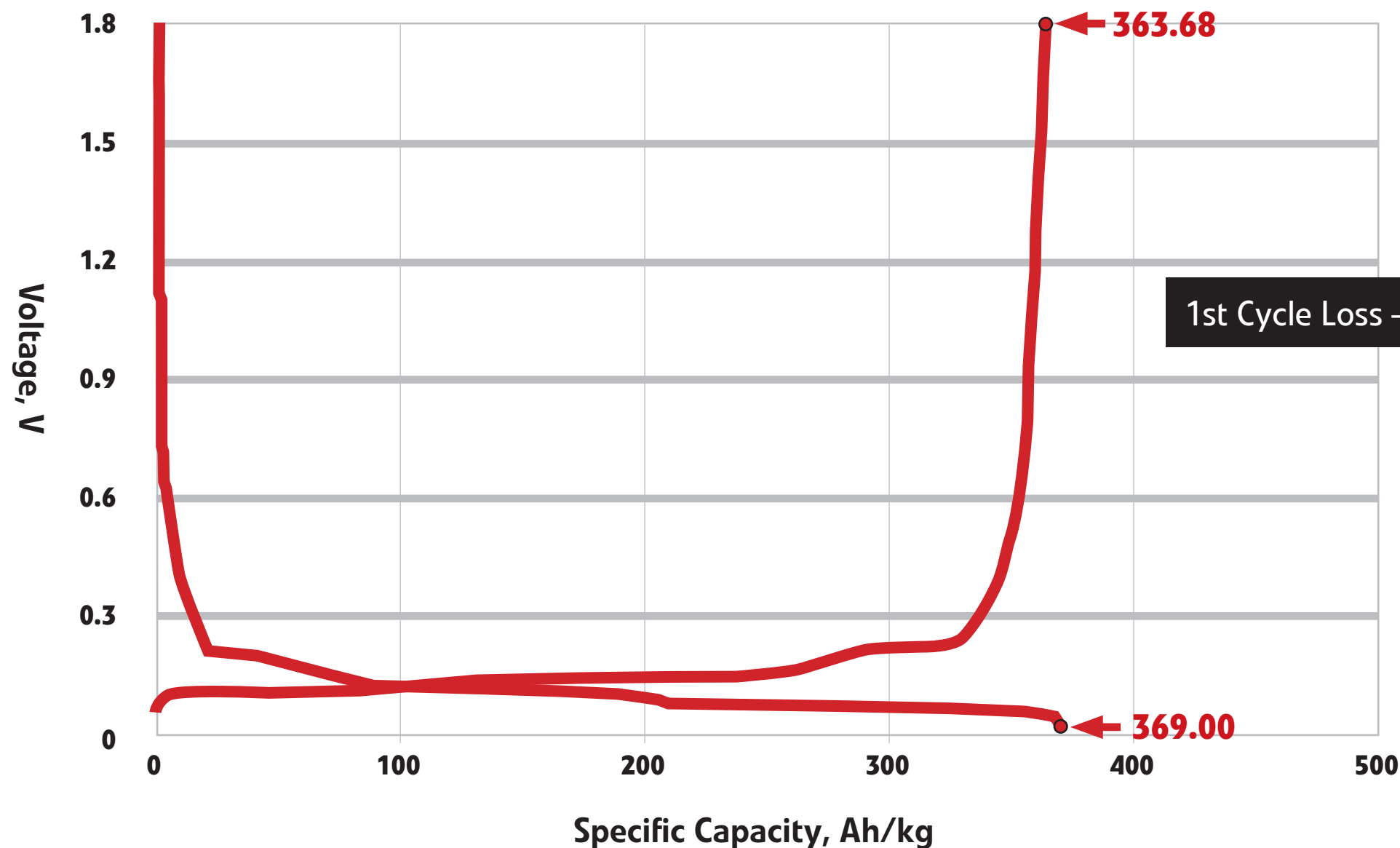
All electrochemical tests were run on CR2016 coin cells



- Values of reversible capacity (RC) and irreversible capacities (ICL) at C/20 cycling were determined and the first cycle irreversible capacity loss was calculated by dividing the reversible capacity by the irreversible capacity
- The electrolyte is 1.0M LiPF₆ in FEC/EMC (30:70 vol%) for 8mm thick electrodes with a composition of 90 wt% graphite and 10 wt% supporting additives, including a PVDF-based binders

INITIAL GALVANOSTATIC CHARGE – DISCHARGE CURVES

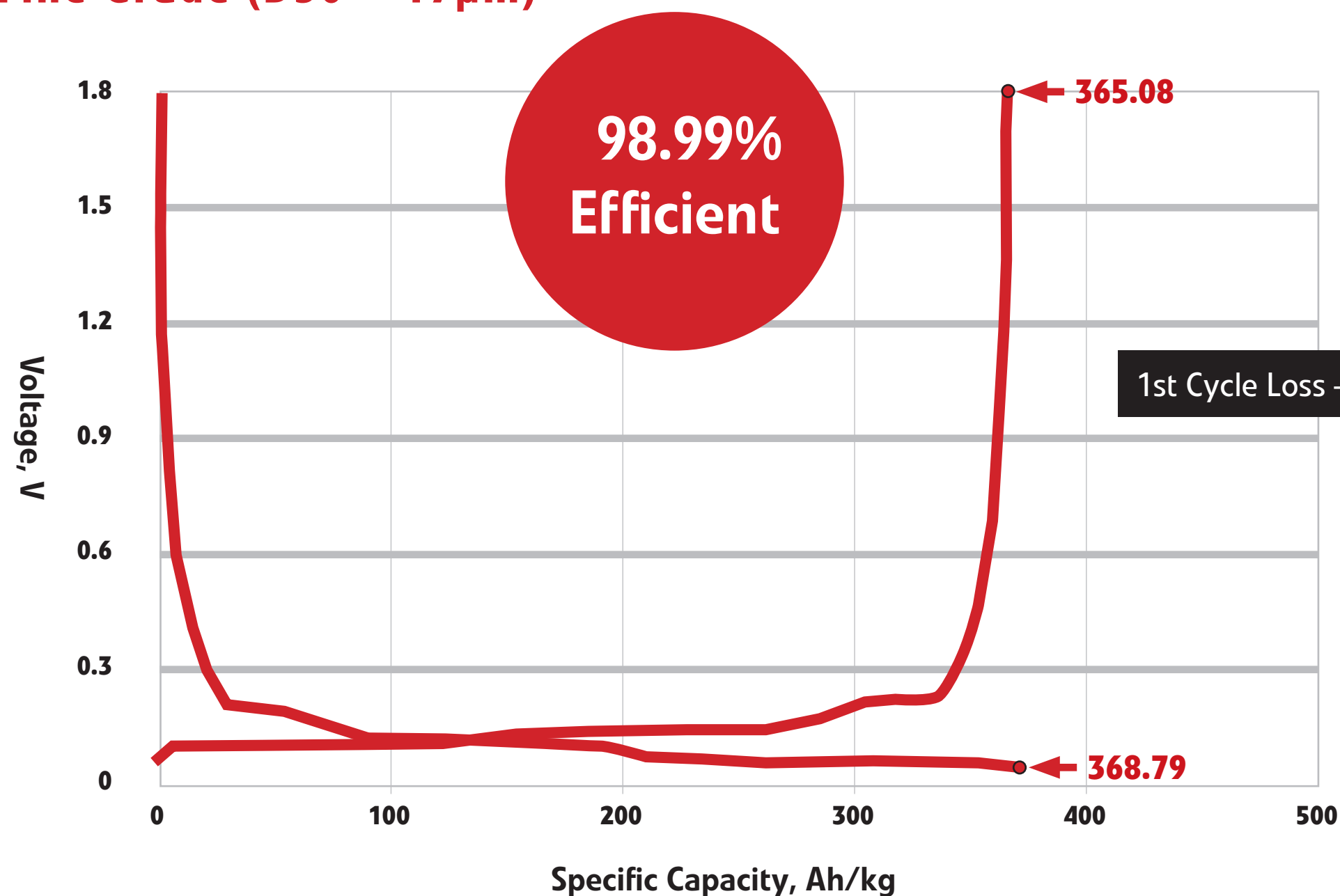
Standard Grade (D50 = 24 μ m)



Cell #736. CR2016, counter: Li; Graphite: Standard Grade Surface Coated SPG;
Rate: C/20; Electrolyte 1M LiPF₆ in FEC/EMC (30:70 vol%)

INITIAL GALVANOSTATIC CHARGE – DISCHARGE CURVES

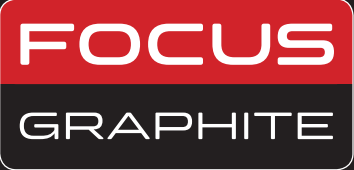
Fine Grade (D50 = 17 μ m)



Cell #705. CR2016, counter: Li; Graphite: Fine Grade Surface Coated SPG; Rate: C/20; Electrolyte 1M LiPF₆ in FEC/EMC (30:70 vol%)

RESULTS FROM CR2016 COIN CELLS TESTS

Electrochemical Tests on Lithium-ion-Grade Graphite



- SPG battery test results have excellent performance metrics when compared to current benchmark commercial SPG grades
- Note the very high Reversible Capacities of 363.7 and 365.1 Ah/kg and very low Irreversible Capacity Losses (ICL) of 1.44 and 1.01%

Focus Graphite Coin Cell Test Samples	Reversible Capacity (Ah/kg)	Irreversible Capacity Loss (%)	Surface Area (m2/g)
Standard Carbon Coated SPG Grade (D50=24µm)	363.7	1.44	0.48
Fine Carbon Coated SPG Grade (D50=17µm)	365.1	1.01	1.14



FOCUS GRAPHITE'S SPHERICAL GRAPHITE VS. SPHERICAL SYNTHETIC GRAPHITE



Comparing Focus Graphite's Natural SPG vs. Commercially Available Synthetic Graphite

Focus Graphite's Natural SPG vs. Synthetic SPG	Reversible Capacity (Ah/kg)	Irreversible Capacity Loss (%)	Surface Area (m2/g)
Standard Carbon Coated SPG Grade (D50=24µm)	363.7	1.44	0.48
Synthetic Carbon Coated SPG Grade (D50=22µm)	330	9.00	1.00

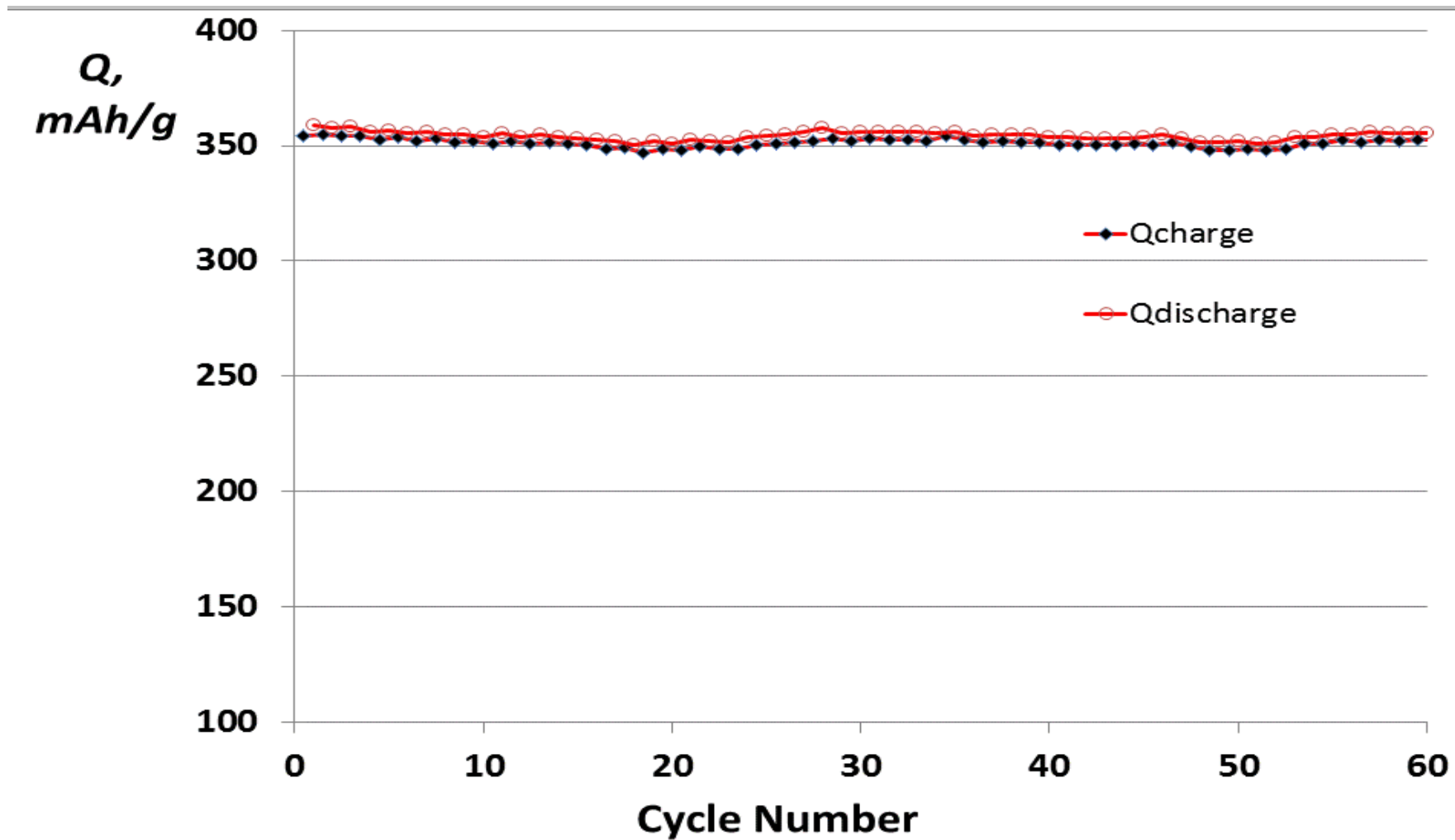
Focus Graphite's Natural SPG vs. Synthetic SPG	Reversible Capacity (Ah/kg)	Irreversible Capacity Loss (%)	Surface Area (m2/g)
Fine Carbon Coated SPG (D50=17µm)	365.1	1.01	1.14
Fine Synthetic Carbon Coated SPG (D50=16.5µm)	320	9.00	1.50



PURIFIED -200 MESH

Lac Knife Fine Flake

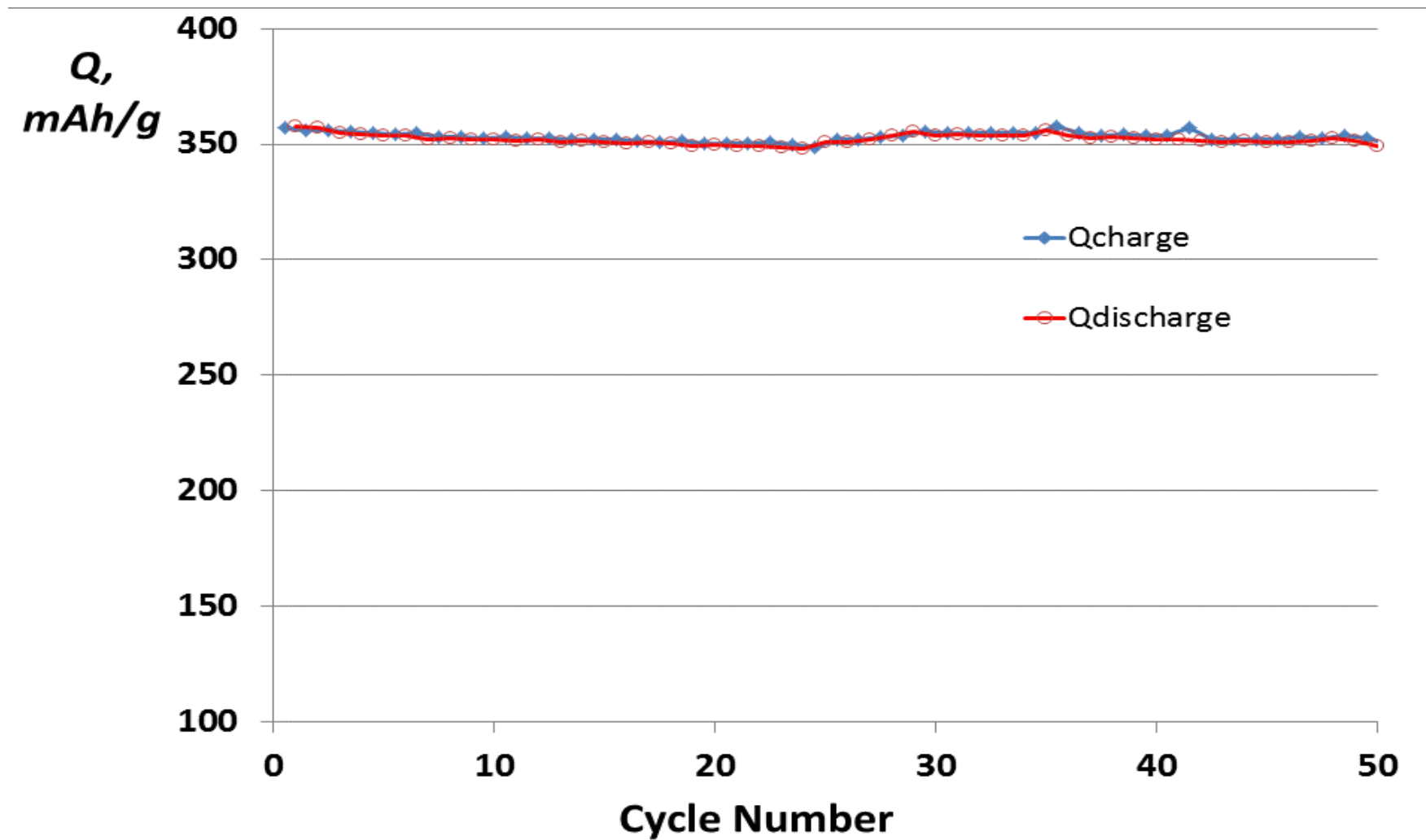
- Specific capacity versus cycle number of anode produced from Purified -200 mesh Lac Knife Graphite Fines at a current density of 50 mAh/g



PURIFIED +80 MESH

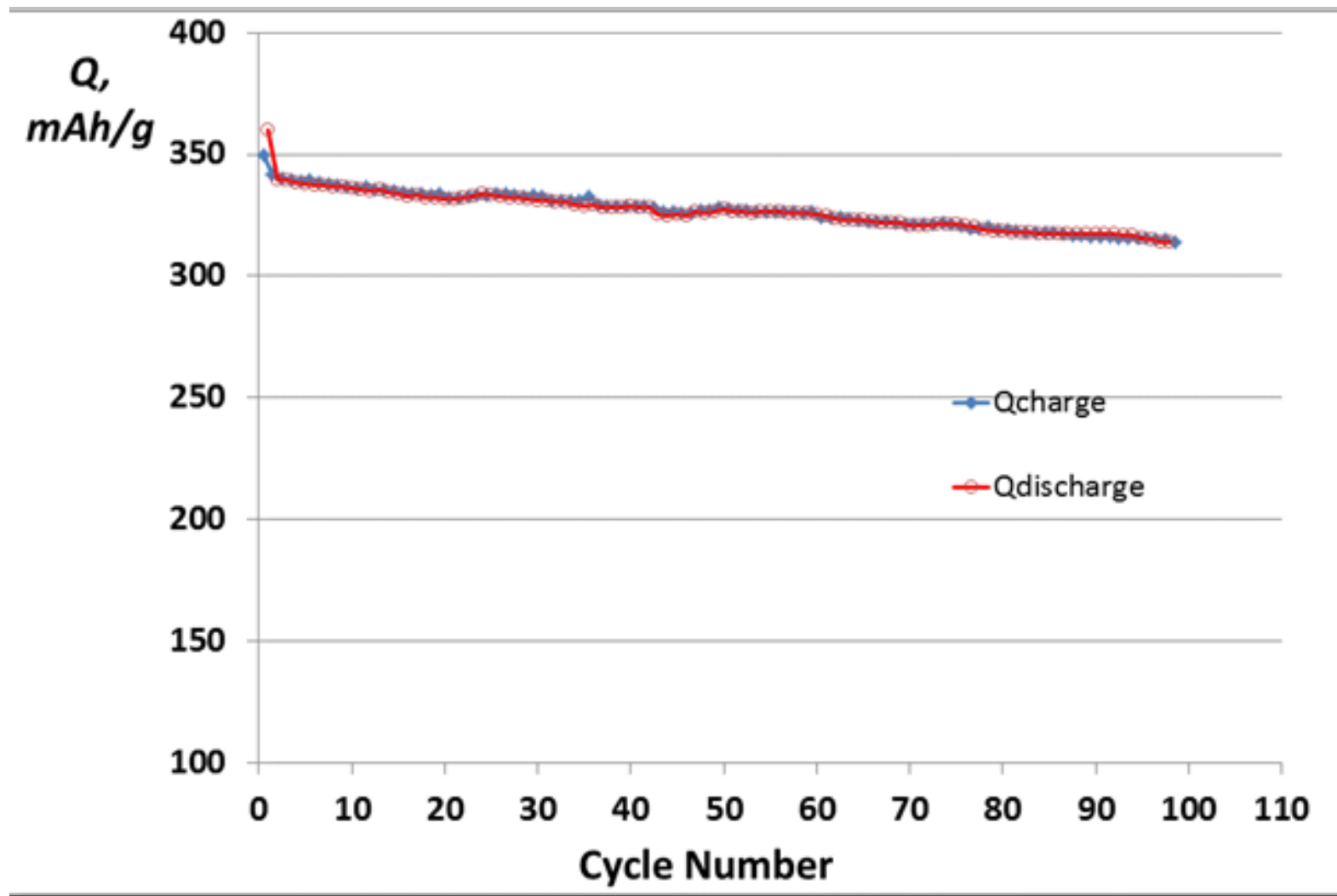
Lac Knife Large Flake

- Specific capacity versus cycle number of anode produced from Purified +80 mesh Lac Knife Flake Graphite at a current density of 50 mAh/g



COMMERCIAL PURIFIED SPHERICAL GRADE OF FLAKE GRAPHITE

- Specific capacity versus cycle number of anode produced from a commercial Purified Grade of Carbon-Coated Spherical Flake Graphite at a current density of 50 mAh/g



LAC KNIFE MILESTONES



Current Developments

- Completed Feasibility Study
 - 7,857 kt of Proven and Probable Mineral Reserves grading 15%Cg
 - Reduced operating costs from \$458/t of concentrate to \$441/t
- NI 43-101 Mineral Resource Estimate updated January 2014
- Achieved excellent test results from our spherical graphite product for Lithium ion battery market

Upcoming Milestones

- Project Financing underway
- Negotiating Offtake Agreements
- Permitting underway
- Detailed Engineering:
 - Hydro-Québec electricity connection
 - Access road upgrade
 - Purification facilities



THANK YOU

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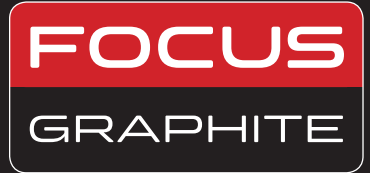
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The background is a grayscale scanning electron micrograph (SEM) showing the intricate, layered structure of graphite. The layers appear as thin, overlapping sheets with various textures and edges. In the center, there is a rounded rectangular box with a red top half and a black bottom half, containing the company name in white text.

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