



**LOMIKO**  
METALS®

**OTCQX: LMRMF**  
**TSX-V: LMR**

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**SUPPLYING GRAPHITE TO THE ELECTRIC VEHICLE  
REVOLUTION 为电动汽车革命供应石墨**





**ELECTRIC VEHICLE REVOLUTION -**

**THIS MAN IS STILL DANCING!**

电动汽车革命 - 这个人还在跳舞!



**TESLA UP 9X TO \$700!**

**特斯拉股价暴涨9倍，高达700美元了!**



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# LOMIKO SNAPSHOT

## 公司概况

### Highlights 亮点

- **Lomiko Metals (LMR.V) Canadian-focused exploration-stage company. Quebec is one of the best jurisdictions in the world for mining. / Lomiko Metals (LMR.V)是加拿大一家处于勘探阶段的公司。魁北克省是全世界采矿领域最好的管辖权之一。**
- **The Company is engaged in creating mines, processing graphite into value-added spherical graphite and graphite anodes for the EV market. 本公司专注于创建矿山，将石墨加工成增值球形石墨和用于电动汽车市场的石墨阳极。**
- **The Company has completed its initial option and has earned its 80% interest in the La Loutre Flake Graphite Property, Quebec and is seeking funds to develop its assets. 本公司已经完成了初始选择权，并挣得了魁北克省La Loutre片状石墨项目区80%的权益，目前正在寻求资金开发其他资产。**
- **The company is focused on 43-101, PEA and Feasibility Studies at La Loutre. 本公司目前专注于La Loutre项目区的NI 43-101资源量报告、初步经济评估和可行性研究。**
- **Lomiko has signed a \$ 40 million MOU with Kenmar Securities to fund development. / Lomiko已经就开发融资与Kenmar Securities 签署了谅解备忘录**



# OPPORTUNITY OF THE NEXT DECADE

## 未来十年的机遇



### The Rise of Electric Cars 电动汽车的崛起

By 2022 electric vehicles will cost the same as their internal-combustion counterparts. That's the point of liftoff for sales.

到2022年，电动汽车的价格将与内燃机汽车持平，这将引爆电动汽车销量。



Sources: Data compiled by Bloomberg New Energy Finance, Marklines

Bloomberg

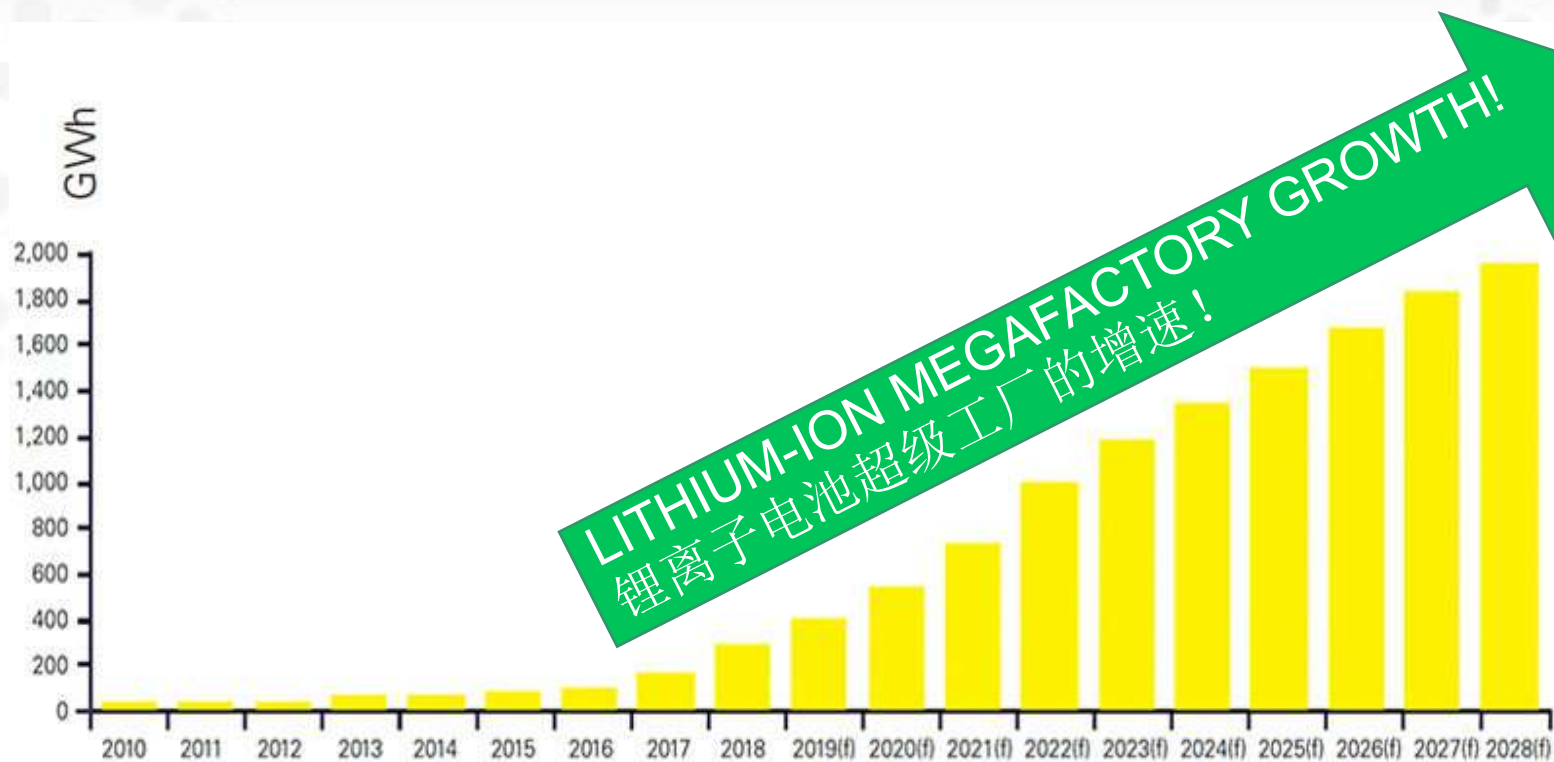


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# 100+ LITHIUM-ION MEGAFACTORIES PLANNED WORLDWIDE

全球已规划的锂离子电池超级工厂超过100个



Source: Benchmark Mineral Intelligence



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# 15X MORE GRAPHITE THAN LITHIUM IN A EV BATTERY - 92

**KGS IN A TESLA** 石墨在一辆电动汽车中的使用量是锂的15倍 - 在一辆特斯拉中为92千克

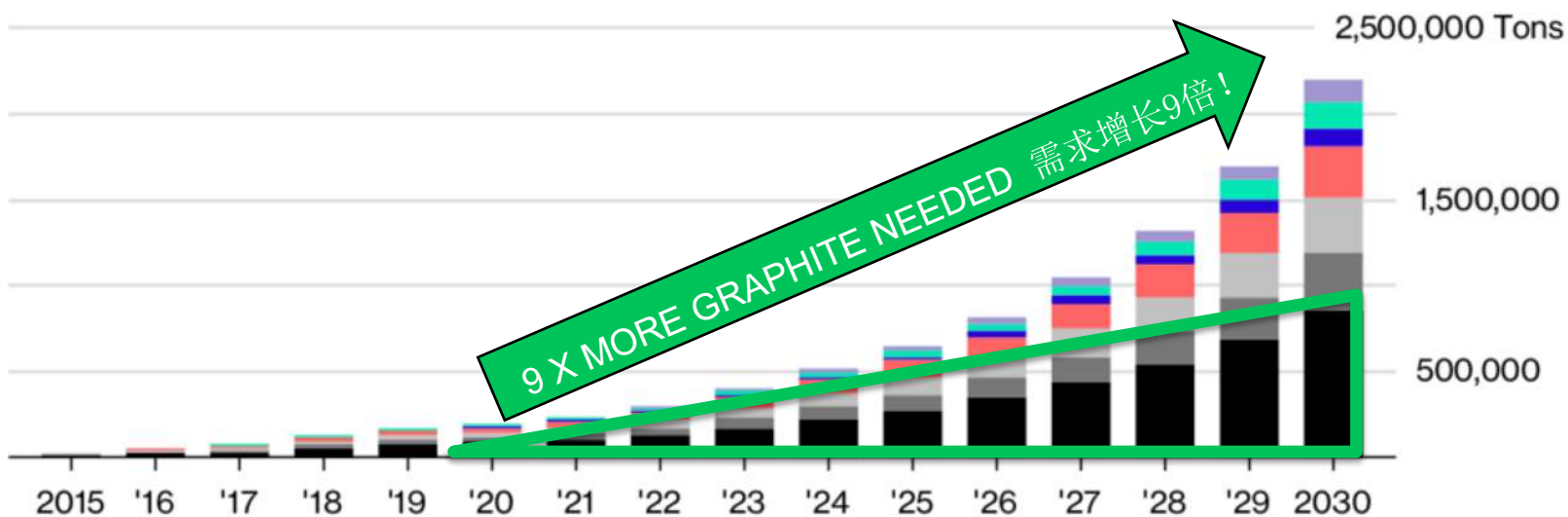


## Metal Winners 金属赢家

Cobalt to lithium demand is forecast to soar as electric vehicle markets expand

随着电动汽车电池市场规模扩大，从钴到锂的需求预计都将飙升

■ Graphite ■ Nickel ■ Aluminum ■ Copper ■ Lithium ■ Cobalt ■ Manganese



9 X MORE GRAPHITE NEEDED 需求增长9倍!

Source: Bloomberg New Energy Finance

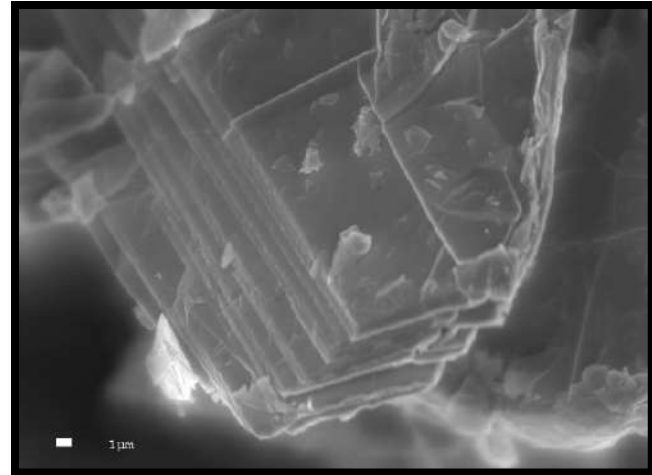
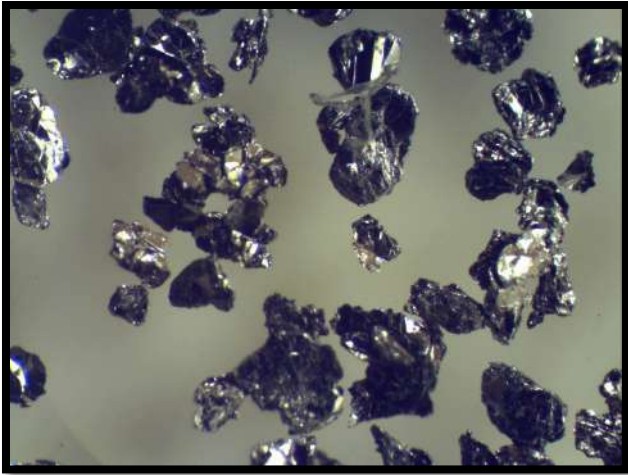
**Bloomberg**

# APPEARANCE AND PROPERTIES OF FLAKE GRAPHITE

## 片状石墨的外观及性能



- Excellent electrical conductivity; 导电性能良好
- Ready availability; 立即可用性
- Ability to accommodate lithium charging reversibility; 能够适应锂充电可逆性
- Satisfactory energy density reflecting the ability to accommodate one lithium atom per six carbon atoms; and 令人满意的能量密度，反映了每六个碳原子容纳一个锂原子的能力;和
- No significant swelling during prolonged charging which enables the use of flat cells with thin-walled cases. 长时间充电不会发生膨胀，允许在薄壁箱中使用扁平形电池



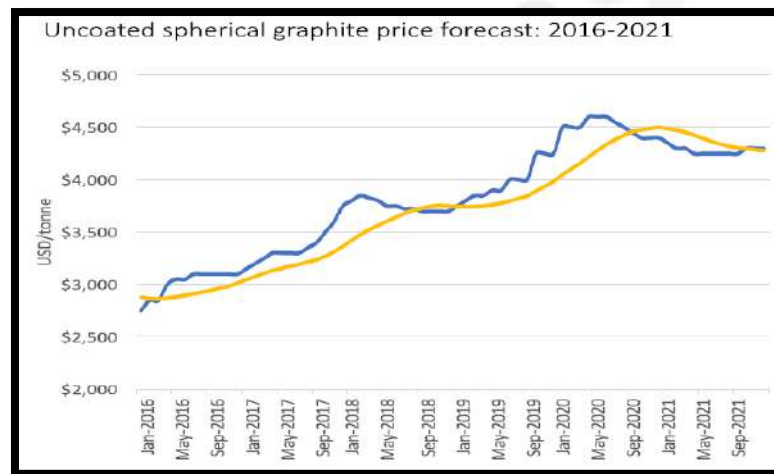
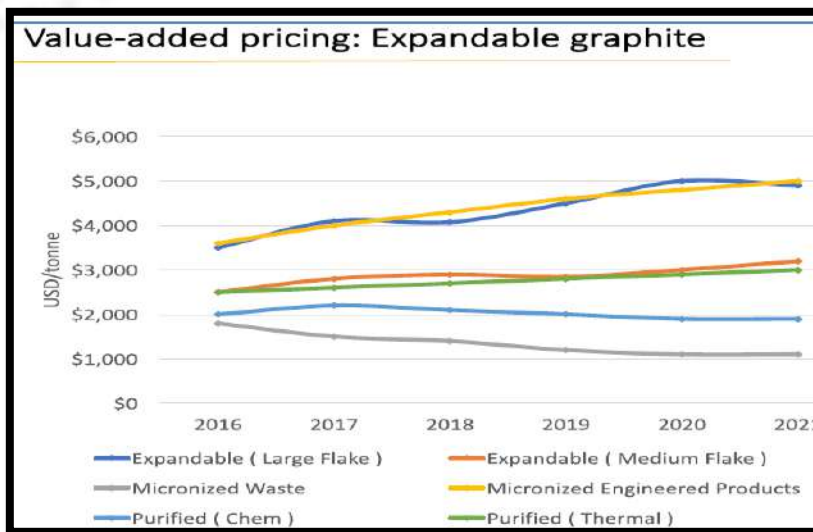
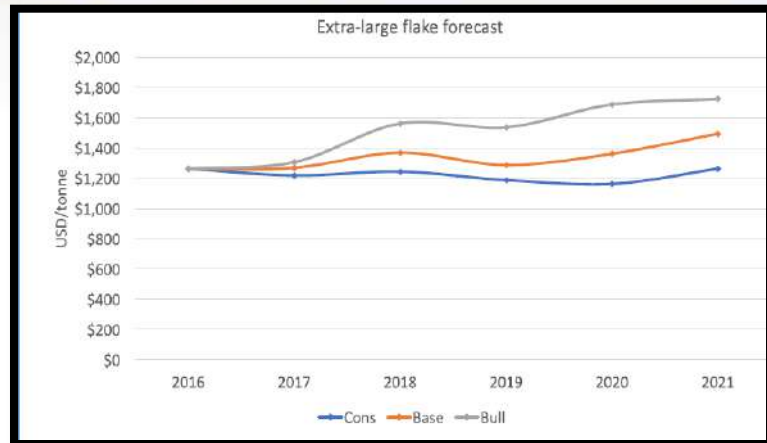


# KEY MARKETS AND FORECAST FOR GRAPHITE

## 石墨的主要市场和预测



- Refractories 27%      耐火材料27%
- Batteries 16%      电池16%
- Foundry & Crucibles 18%      铸造和坩埚18%
- Lubricants 10%      润滑剂10%
- Re-carburising medium 5%      再次碳化的媒介5%
- Engineered – Value-Add products 16%      精心设计的增值产品16%
- Expandable products and Other 8%      可扩展产品和其他8%





# CURRENT PRICES FOR FLAKE GRAPHITE IN KEY MARKETS

## 主要市场片状石墨的当前价格



FLAKE SIZE & CARBON PURITY 尺寸和纯度	POINT OF SALE 销售点	USE 用途	
Graphite flake, 94% C, +100 mesh, cif Europe 片状石墨, 94% C, +100目, 欧洲到岸价格		Additives 添加剂	700
Graphite flake, 94% C, -100 mesh, cif Europe 片状石墨, 94% C, -100目, 欧洲到岸价格		Electrical Industry 电气工业	550
Graphite flake, 94% C, +80 mesh, cif Europe 片状石墨, 94% C, +80目, 欧洲到岸价格		Smelting 熔炼	830
Graphite Flake, 94% C, +100 mesh, fob China 片状石墨, 94% C, +100目, 中国离岸价格		Brake shoes 刹车片	720
Graphite Flake, 94% C, -100 mesh, fob China 片状石墨, 94% C, -100目, 中国离岸价格		Refractories 耐火材料	560
Graphite Flake, 94% C, +80% mesh, fob China 片状石墨, 94% C, +80%目, 中国离岸价格		Gaskets 垫圈	870
<b>Graphite Spherical, 99.95% C, 15 microns 球形石墨, 99.95% C, 15微米</b>		<b>EV Batteries 电动汽车电池 Nuclear Facilites 核设施</b>	<b>\$2,700-2,800</b>
Graphite Amorphous, 80% C, -200 mesh 无定形石墨, 80% C, -200目		Lubricant 润滑剂	320-370
Graphite Amorphous, 80-85% C, -200 mesh, FCL 无定形石墨, 80-85% C, -200目, 整箱货		Pencils 铅笔	420-500

# CRITICAL METALS AGREEMENT SIGNED FOR SUPPLY BENEFITS CANADA

已签署的关键金属供应协议  
对加拿大有利



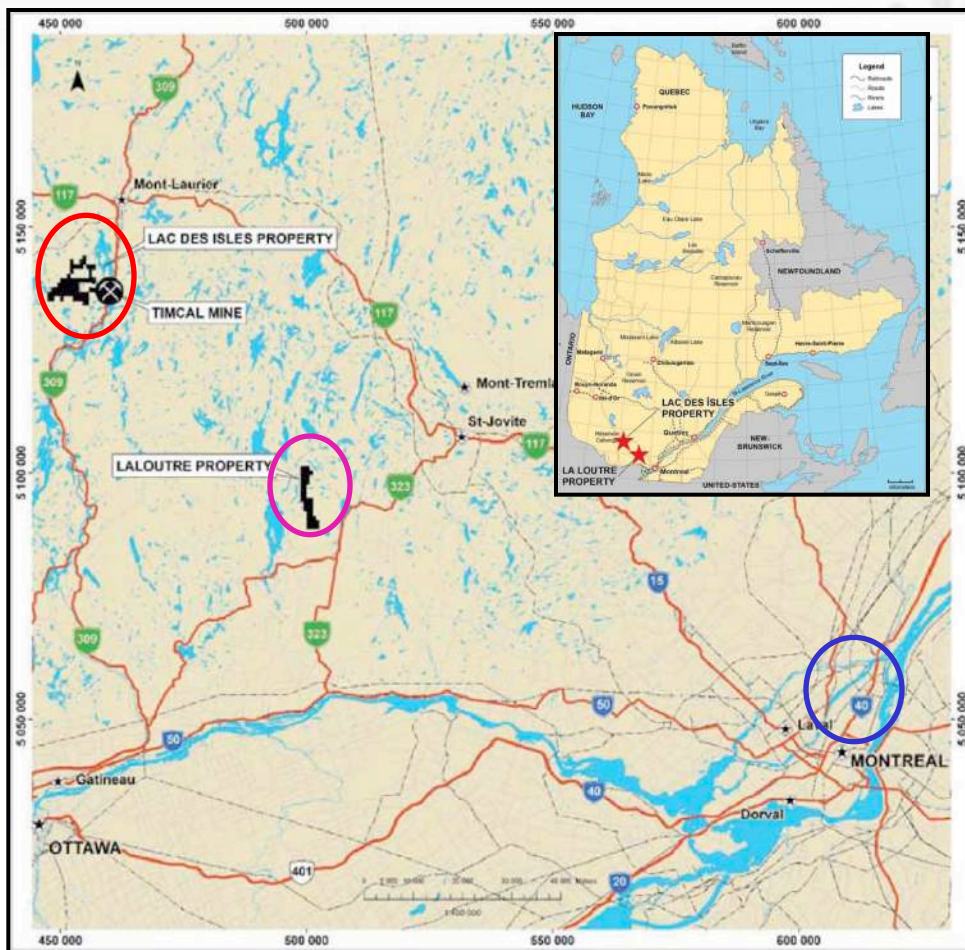
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# QUEBEC LA LOUTRE FLAKE GRAPHITE EXCELLENT INFRASTRUCTURE

## 魁北克省LA LOUTRE片状石墨项目优越的基 础设施

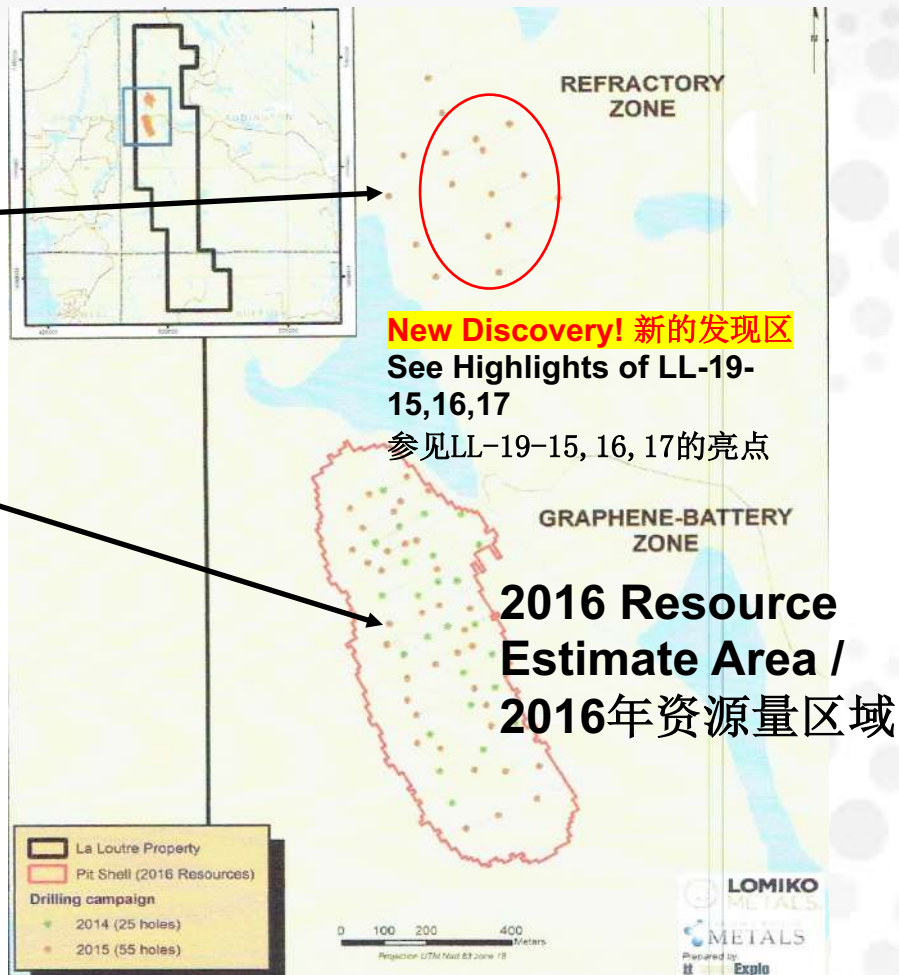
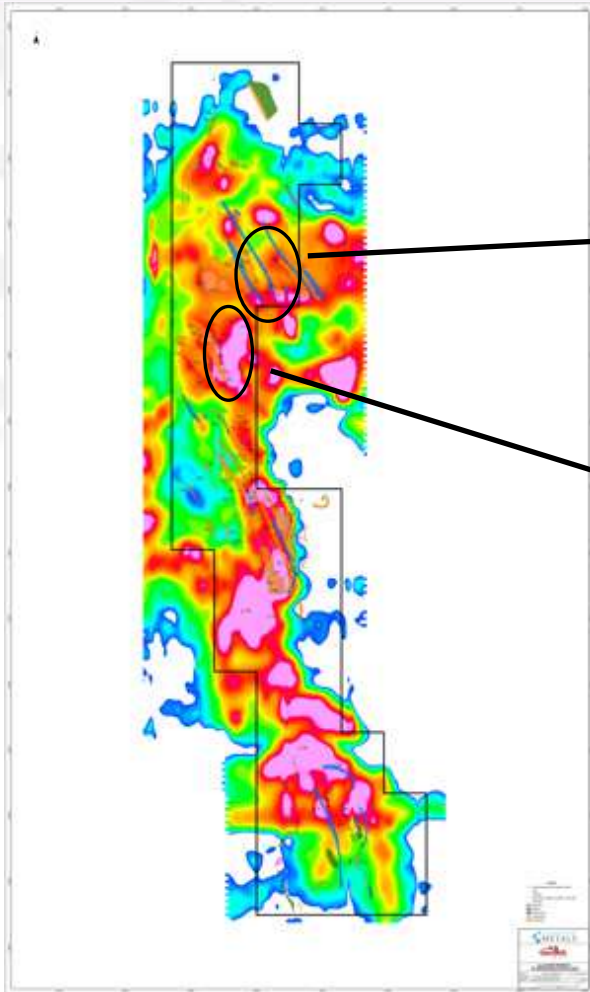
- 2,867.29 Ha La Loutre Property / La Loutre 项目区占地2,867.29公顷
- Two Major Areas of Discovery 两个大型发现区
- Road to the Property built / 进出项目区的道路已建成
- 192 km Highway to Port of Montreal 行驶192公里公路可抵达蒙特利尔港
- 53 km to IMERYS Timcal Mine which has 5.2MT open pit at 7.42% Cg 距离IMERYS特密高石墨矿53公里，该矿拥有520万吨的露天矿坑，石墨品位为7.42%
- Near Surface Mineralization 近地表的矿化结构
- Open Pit, Large Scale Target 露天矿坑，大规模的勘探目标
- 80% owned, 100% earn-in imminent 拥有80%的权益，即将挣得100%权益





# NEW 43-101 RESOURCE AT THE REFRACTORY ZONE

耐火区新的43-101资源量



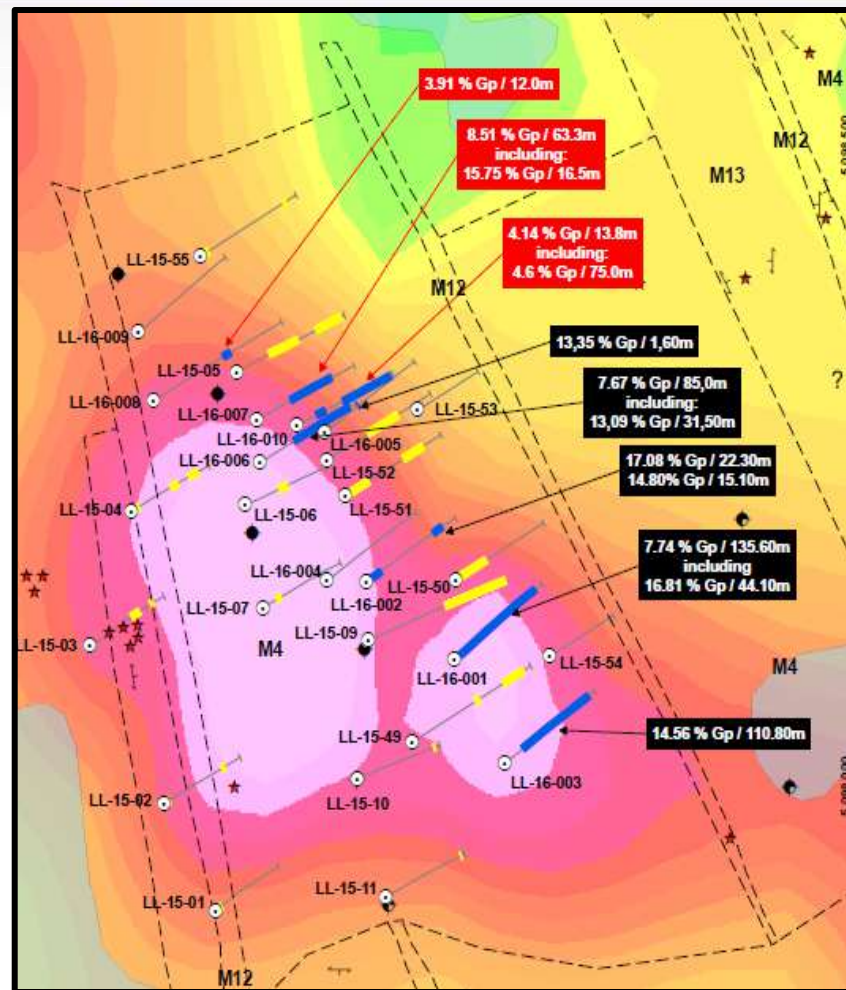
# HIGH GRADE **10%+** REFRACTORY ZONE EXTENDED BY 450 METRES IN 2019 高品位（超过10%）耐火区2019 年延伸了450米

Drill Hole # 钻孔编号	Easting 向东 (UTM)	Northing 向北 (UTM)	Azimuth 方位	Dip 倾角				Cg % 石墨%
					From (m) 自 (米)	To (m) 至 (米)	Interval (m) 矿段 (米)	
LL-19-04	499567	5098041	65.9	-50	3.00	93.00	90.00	2.75
LL-19-14	499700	5097803	59.7	-50	80.70	99.00	18.30	4.43
LL-19-15	499751	5097832	64.8	-50	51.00	167.90	116.90	4.80
	Including 包括				152.70	167.90	15.20	18.04
LL-19-16*	499851	5097829	66.5	-50	4.10	92.00	87.90	7.14
	Including 包括				70.50	91.50	21.00	15.48
					132.00	160.50	28.50	3.86
LL-19-17	499894	5097804	78.2	-50	15.00	62.30	47.30	7.56
	Including 包括				51.00	62.30	11.30	17.45
					96.00	126.00	30.00	1.96

# HIGH GRADE 10%+ REFRACTORY ZONE HAS BETTER ECONOMICS (2016 results)

高品位 (10%以上) 耐火区经济价值更高  
(2016年的结果)

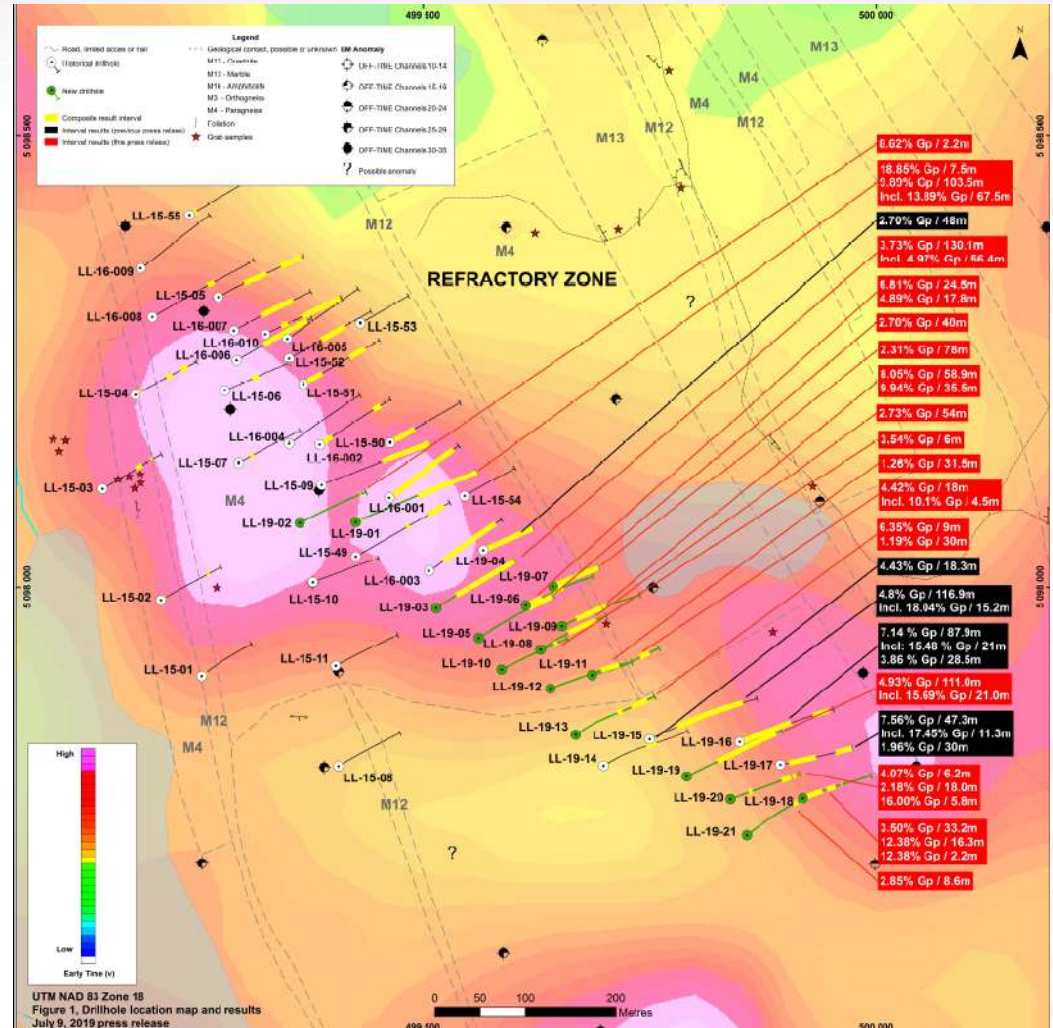
Hole # 钻孔	From (m) 自 (米)	To (m) 至 (米)	Length* (m) 长度 (米)	Cg %** 石墨品位
LL-16-001	3.90	139.50	135.60	7.74
Incl. 包括	3.90	48.00	44.10	16.81
Incl. 包括	135.00	138.00	3.00	14.85
LL-16-002	3.90	26.20	22.30	17.08
Incl. 包括	113.9	129.00	15.10	14.80
LL-16-003	30.20	141.00	110.80	14.56
LL-16-004	No significant values 没有有意义的值			
LL-16-005	55.80	57.40	1.60	13.35
LL-16-006	54.00	141.00	85.00	7.67
Incl. 包括	109.50	141.00	31.50	13.09
LL-16-007	52.50	115.80	63.30	8.51
Incl. 包括	69.00	85.50	16.50	15.75
LL-16-008	109.50	121.50	12.00	3.91
LL-16-009	No significant values 没有有意义的值			
LL-16-010	31.20	45.00	13.80	4.14
	72.00	147.00	75.00	4.60





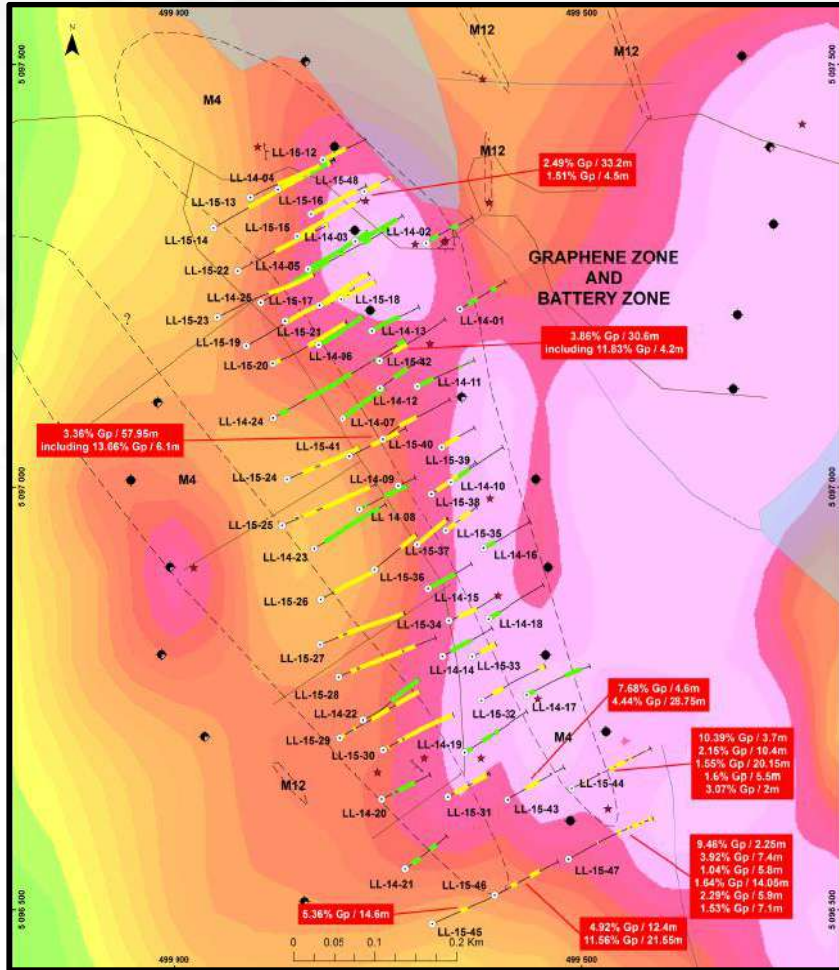
# NEW HIGH GRADE 10%+ REFRACTORY ZONE EXTENDED BY 450 METRES IN 2019 新的高品位 (超过 10%) 耐火区2019年延伸了450米

- 900 m strike length / 走向长度900米
- Refractory zone appears to have several 10%+ areas / 耐火区似乎有几个品位超过10%的区域
- No reports of sulfur impurities / 没有报告含硫杂质
- Updated Resource compliant with NI 43-101 imminently / 很快会更新 NI 43-101资源量报告



# 2016 RESOURCE OF 4.1 Mt of 6.5% CG IS VERY SIMILAR TO PRODUCER IMERYS /

2016年资源量为410万吨、石墨品位6.5%，与生产矿IMERYS十分相似



Indicated Resource				
Zone	Cut-off Cg (%)	Tonnage (metric tonne)	Grade Cg (%)	Graphite (metric tonne)
All Zones	> 3.0	4,137,300	6.50	268,800
	> 2.5	6,927,500	4.95	342,900
	> 2.0	15,181,200	3.49	529,200
	> 1.5	<b>18,438,700</b>	<b>3.19</b>	<b>588,400</b>
	> 1.0	19,005,400	3.13	595,700
	> 0.8	19,137,500	3.12	596,900
	> 0.6	19,279,600	3.09	595,300
	> 0.5	19,381,900	3.09	598,400
Inferred Resource				
Zone	Cut-off Cg (%)	Tonnage (metric tonne)	Grade Cg (%)	Graphite (metric tonne)
All Zones	> 3.0	6,181,000	6.11	377,600
	> 2.5	9,699,200	4.86	471,800
	> 2.0	15,332,000	3.92	600,300
	> 1.5	<b>16,675,100</b>	<b>3.75</b>	<b>624,900</b>
	> 1.0	16,927,300	3.71	628,000
	> 0.8	17,120,500	3.68	629,700
	> 0.6	17,306,700	3.63	628,100
	> 0.5	17,400,900	3.63	631,600

# SHARE STRUCTURE

## 股权结构



**Shares Issued 已发行股数:**  
**150,198,191**

**Outstanding 流通股总数:**  
**68,712,000**

**Fully Diluted 完全摊薄后股数:**  
**218,910,191**



# MANAGEMENT TEAM

## 管理团队



### A. Paul Gill — Chief Executive Officer 首席执行官

Mr. Gill is the President of AJS Management Inc., a company providing management consulting to private and public companies. From November 2003 to October 2006, Mr. Gill was heavily involved in the dynamic growth stage of Norsemont Mining (TSX: NOM) as a Officer, and Director, V.P. Business Development, while the company grew from a market capitalization of \$1 million to \$50 million with a final buyout of \$ 512 M. Mr. Gill is also a Director of Graphene ESD, CEO of Lomiko Technologies, V.P. Business Development of SHD Devices and Promethieus Technologies Inc. / Gill先生是为私营及上市公司提供管理咨询服务的AJS Management Inc的总裁。2003年11月至2006年10月, Gill先生作为一名高管、董事及业务发展副总裁积极参与了Norsemont Mining (TSX: NOM)的动态增长阶段, 期间该公司市值从\$100万增长至\$5000万, 并最终以\$5.12亿的价格被收购。他还是Graphene ESD的董事、Lomiko Technologies的首席执行官、SHD Devices和Promethieus Technologies Inc.的业务发展副总裁。

### Jacqueline Michael — Chief Financial Officer 首席财务官

Ms. Michael has over 20 years of financial and administration experience. In 1988, Ms. Michael co-founded The Conac Group, a software development company for construction management, where she acted as President and CEO. In 1997, Ms. Michael was successful in taking the company public on the CDNX Exchange and helped raise over \$5 million in private placement financings for the company. Ms. Michael has acted as the President and Chief Executive Officer for public companies for over 10 years. / Michael女士拥有20年以上的财务和行政管理经验, 1988年联合创立了建筑管理软件开发公司The Conac Group, 并担任公司总裁兼首席执行官, 1997年成功带领该公司在加拿大风险交易所上市, 帮助该公司通过私募发行融资超过\$500万。Michael女士十多年来一直担任上市公司总裁和首席执行官。

### Mr. Gregg Jensen – Director 董事

Mr. Jensen has over 25 years of experience in Finance and Business management spanning several industries from technology, mining, engineering, to professional services. Mr. Jensen is currently Managing Director of Mavericus Ventures Corp. a private merchant bank investing in early stage private and public companies, he has also served on several public and private boards and has held several executive roles. Mr. Jensen has led several companies through multiple capital raises, several M&A and joint venture transactions as well as turning around struggling companies. Jensen先生拥有超过25年的金融和商业管理经验, 涉及科技、采矿、工程和专业服务等多个行业, 目前是一家投资于早期私营和上市公司的私人商业银行 - Mavericus Ventures Corp.的董事总经理, 还曾在多个上市公司和私营公司董事会任职, 并担任过多个高管职务, 曾带领多家公司进行多次资本募集、多次并购和合资交易, 以及扭转陷入困境的公司。



# DIRECTORS 董事



## Mike Petrina, P.Eng – Director & La Loutre Project Manager 董事兼La Loutre项目经理

Mr. Petrina is a Mining Engineer with over 30 years of expertise in operations, engineering and project development, skilled at advancing open pit and underground projects whilst working responsibly with local stakeholders, First Nations communities and investors to maximize project value. Experienced in managing large workforces or small technical teams. Mr. Petrina has years of executive experience with Adanac Molybdenum, Hawthorne Gold, MAG Silver and Probe Minerals. Mr. Petrina's extensive experience with advanced-stage projects in the Pre-economic Assessment (PEA) Stage will be extremely helpful as Lomiko proceeds with the La Loutre Project. / Petrina先生是一名采矿工程师，在运营、工程和项目开发方面拥有30多年的专业知识，擅长推进露天和地下项目，同时负责地与当地利益相关者、原住民社区和投资者合作，以实现项目价值最大化，有多年管理大型团队或小型技术团队方面的经验，曾任职于Adanac Molybdenum、Hawthorne Gold、MAG Silver和Probe Minerals。Petrina先生在初步经济评估阶段的高级阶段项目方面经验丰富，将对Lomiko推进La Loutre项目有极大帮助。

## Gabriel Erdelyi — Director 董事

Mr. Erdelyi studied Mechanical Engineering Technician Studies at George Brown College in 1994. He eventually took over the family business and expanded from 3 people to over 20. In 2006 he was awarded the designation as one of the fastest growing companies in Canada from Canadian Business Magazine. Mr. Erdelyi created Dieroll Metals Products Inc. based in Mississauga, Ontario in 2003 having purchased a stamping and roll forming company in 2003 during difficult financial times. Dieroll Metal Products Inc. is an industry leader in Roll Forming Production and Stamping Tooling for the metal processing industry. It serves a variety of industries including construction and building products, Structural and Architectural components, the Roofing industry, heating and cooling components, the mining industry, transportation sector including trucking and railway car components and the Automotive industry. / Erdelyi先生在1994年曾就读于乔治布朗学院的机械工程技术学院，最后接管了家族生意，并将员工数量从3个人扩大到20多人。2006年，他被加拿大商业杂志评为加拿大增长最快的公司之一。在2003年金融危机的艰难时期，他通过收购一家冲压和辊轧成形公司，在安大略省米西索加创办了Dieroll Metals Products Inc.，该公司现在是金属加工行业中辊轧成形生产和冲压模具的行业领导者，服务于包括施工和建筑材料、结构和建筑构件、屋面行业、供热和制冷构件、采矿行业、包括卡车和铁路车辆构件在内的运输行业以及汽车行业在内的多个行业。

