

AGT

APPLIED GRAPHITE TECHNOLOGIES

INVESTOR PRESENTATION

The World's Highest-Grade Graphite
Vein Deposits in Sri Lanka



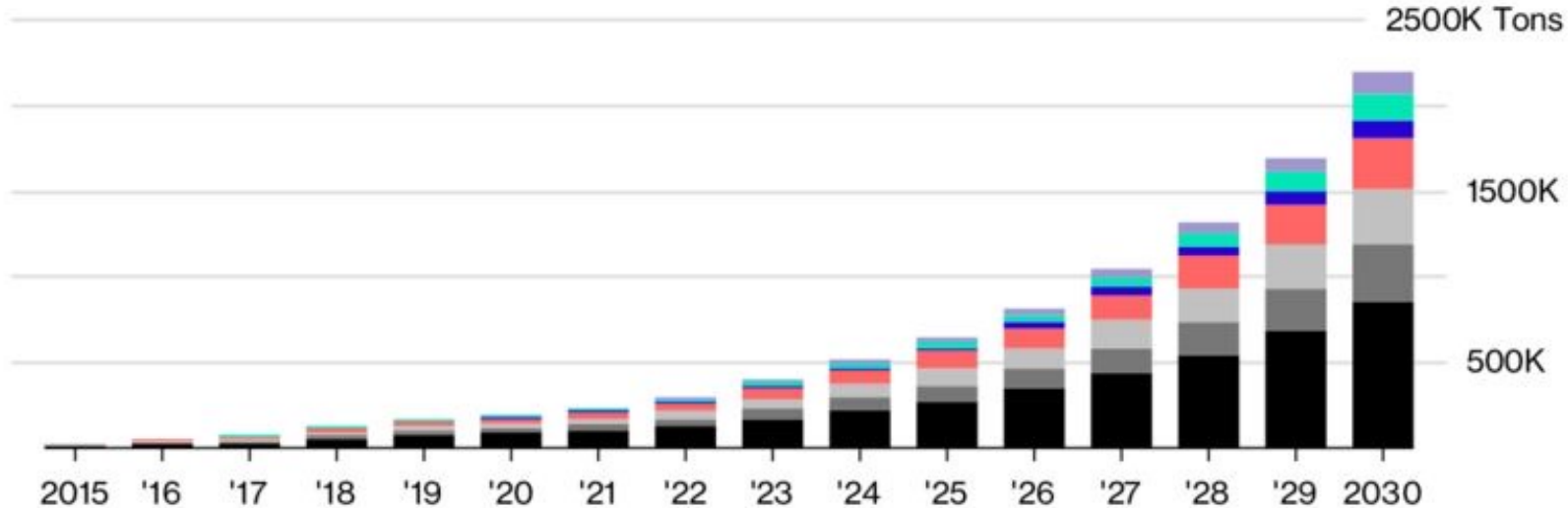
GRAPHITE

THE BIGGEST COMPONENT OF EV LITHIUM-ION BATTERIES

Demand Surge

Global metals and materials demand from EV lithium-ion batteries

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



Source: Bloomberg New Energy Finance

“(Lithium-ion) batteries should be called nickel-graphite, because its mostly nickel and graphite.”

Elon Musk, CEO – Tesla, January 12, 2021

Driven by growing EV sales, demand for graphite is set to triple from 1.2m tonnes in 2022 to more than 4m tonnes a year by 2030 according to Benchmark Mineral Intelligence

VEIN GRAPHITE

THE IDEAL GRAPHITE FOR EV LITHIUM-ION BATTERIES

SYNTHETIC GRAPHITE



- **\$2000-\$3000 per tonne**
- Graphitized petroleum coke
- High carbon footprint
- 99% to 99.9% carbon content
- **High energy per unit mass**
- China 80% of production

FLAKE GRAPHITE



- **\$700-900 per tonne**
(large flake)
- Naturally occurring
- **Low carbon footprint**
- 4-20% (avg 8.45%) carbon content
- Lower energy per unit mass

VEIN GRAPHITE



- **\$1800-2200 per tonne**
(unprocessed)
- Naturally occurring
- **Low carbon footprint**
- 99.5% carbon content
- **Highest energy per unit mass**

Synthetic graphite has been a primary source of graphite for EV lithium-ion batteries due to its high energy per unit mass, however, due to OEM pressure, to reduce the carbon footprint of EV production, demand for flake graphite is growing rapidly.

This makes **vein graphite** highly desirable due to its unique crystalline structure, which offers **superior energy storage capabilities**, conductivity, and stability, while maintaining a **low carbon footprint**.

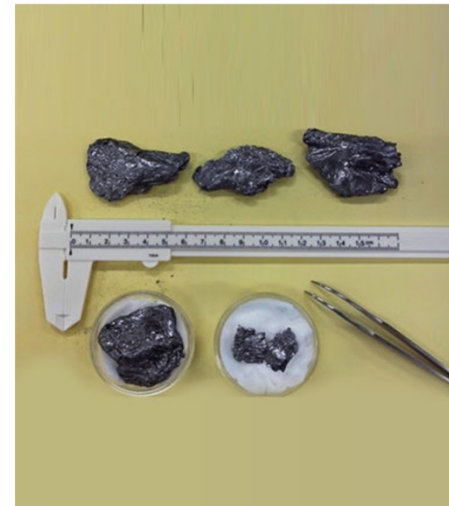
VEIN GRAPHITE

THE MOST ENVIRONMENTALLY FRIENDLY GRAPHITE

- Synthetic graphite production involves energy-intensive processes such as high-temperature baking and purification and uses by-products from the petroleum refining process.
- Flake graphite requires extensive beneficiation and purification such as acid leaching or thermal treatment.
- **Vein Graphite is naturally very high grade with 92-97% carbon purity shipping directly from the mine, and therefore does not require beneficiation (nor a tailings dam) or purification. It is also mined by underground methods giving it a small surface footprint.**



- Sri Lanka is renowned for its high-quality vein graphite and is the only known producer in commercial quantities.
- Sri Lankan vein graphite is naturally the highest grade in the world, with over 90% carbon. Vein graphite has a higher degree of crystallinity than flake graphite which translates into excellent electrochemical properties for lithium-ion batteries
- Graphite mining in Sri Lanka dates back to the era of the Dutch colonization in the 17th century.
- Three major mines operate today – Kahatagaha (since 1872), Bogala and Ragadera.
- Sri Lankan graphite production is estimated to be around 6,000 to 8,000 metric tons annually.
- New regulations allow for landowner to apply for a mining license from the Geological Survey & Mines Bureau



99%+ Carbon, Crystalline Vein
Graphite, Chip & Lump (100g)

Maximum 10 Units

\$69.99

1

ADD TO CART

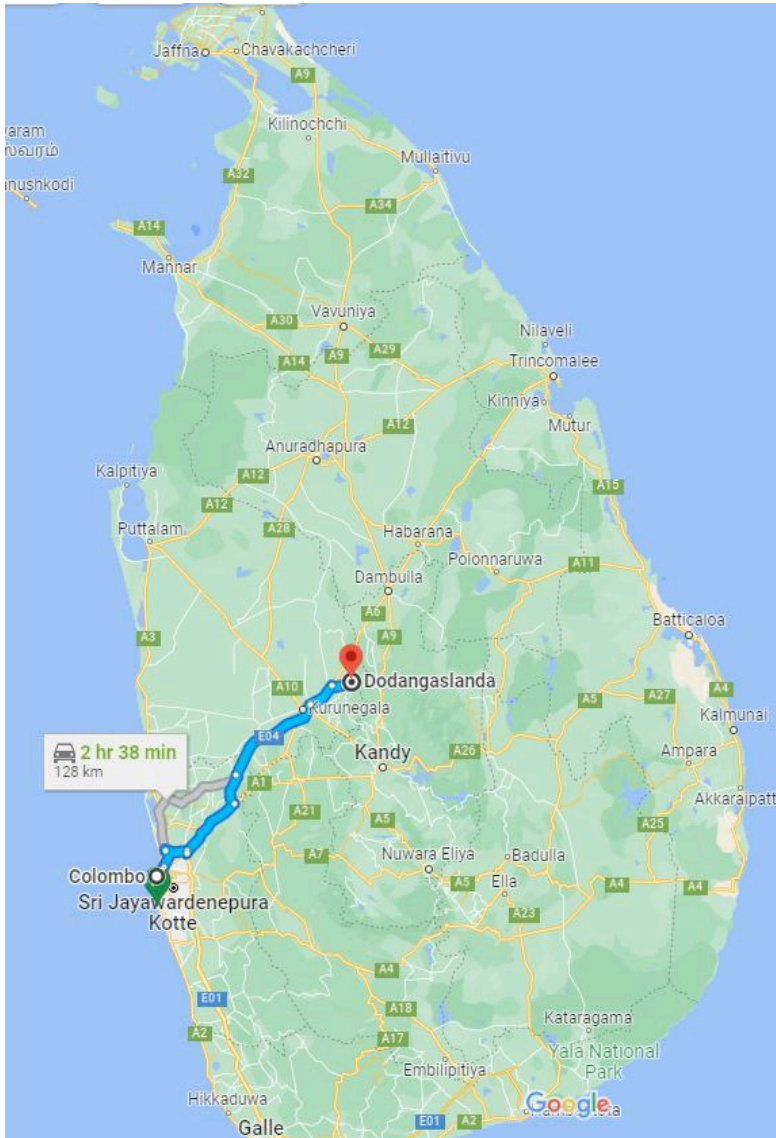
PayPal

Debit or Credit Card

RS Mines – Sri Lanka



- Natural vein graphite, with natural high grade +95% carbon content in the ground, and **no need for primary processing**
- 40 acres of private land in the heart of the vein graphite district, with historical workings and vein graphite outcrops
- Historical drilling and geophysics in the area



- Dodangaslanda (D1) and Q2 Properties.
- 128 km by paved road (2.5-hour travel time) from Colombo, Sri Lanka capital, and largest port.
- Between the famous Kahatagaha-Kolongaha mine, RS mine and Queens mine on the same ridge and in the same geological setting.
- The major shear zone is running into north-south direction on the eastern side parallel to all graphite occurrences in the area.

THE VEIN GRAPHITE ADVANTAGE

LOW COST – HIGH VALUE



Graphite Type	In-Situ Grade	OPEX per tonne of contained carbon	Sales Price	CAPEX
Flake Miners ¹	2.3 to 11% (average 5%)	\$96 to 615 (average \$415)	\$700 to \$900	\$100 to \$615M (average \$400M)
AGT Dodangaslanda Vein Graphite Mine	92 to 97%	\$109 to 187 ²	\$1800 to \$2200	\$0.5M

¹Nouveau Monde, SRG Mining, South Start Battery Metals, Northern Graphite, NextSource Materials, Walkabout Resources, Triton Minerals, and Graphite One

²OPEX estimate for AGT is based on internal calculation for an average vein width of 30 to 50 cm

SHARE STRUCTURE

TIGHT STRUCTURE – DIRECT TO CASHFLOW

Share Structure

Outstanding Shares	3,000,000
Private Placement at US\$ 0.11 / share	9,090,909
Total Post PP	12,090,909

Use of Proceeds

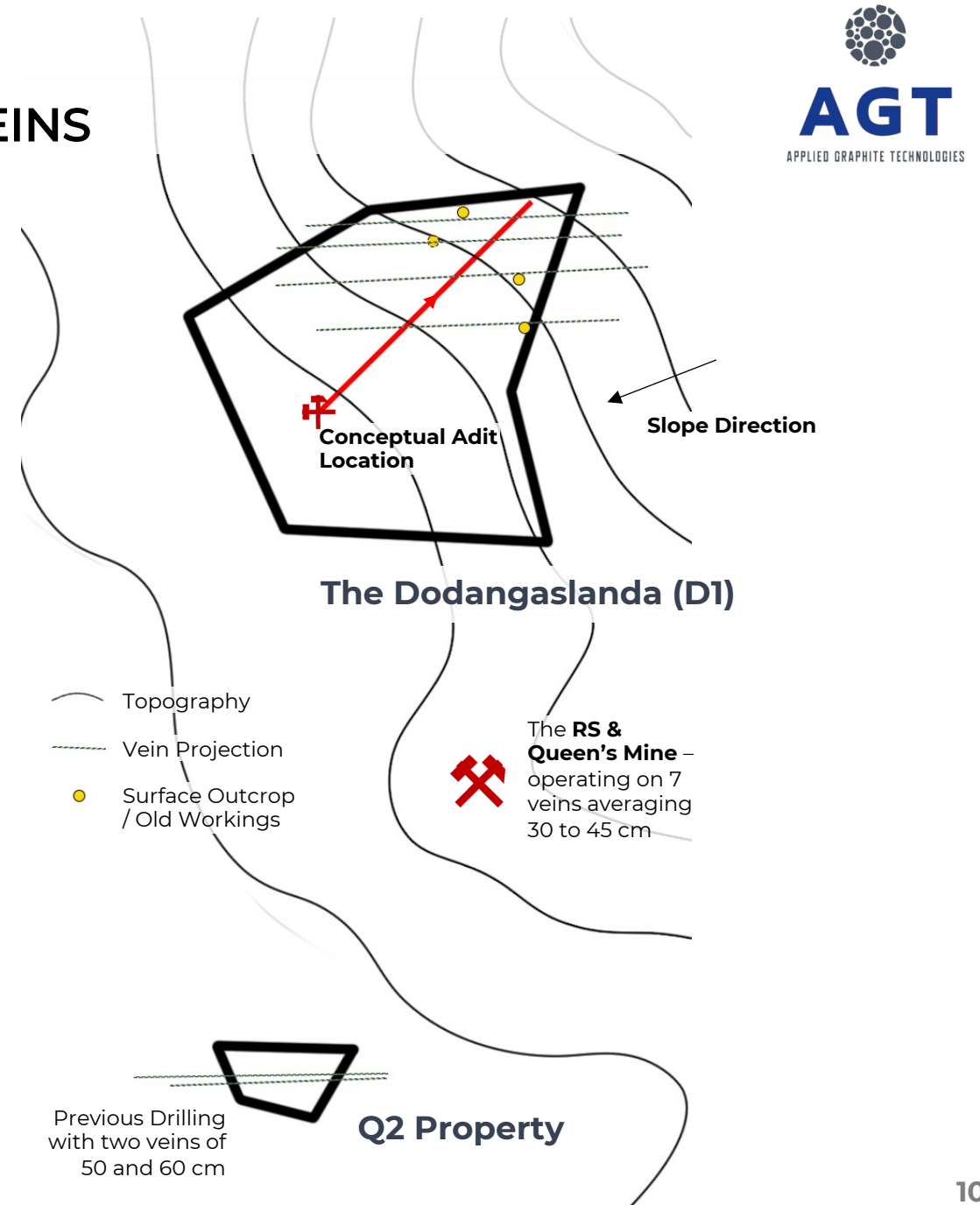
Purchase Payment	US\$	250,000
Exploration	US\$	150,000
G&A	US\$	100,000
Mine Development	US\$	250,000
Mine Working Capital	US\$	100,000
Contingency	US\$	150,000
Total	US\$	1,000,000

CONCEPTUAL MINE PLAN

SIMPLE MINING ON MULTIPLE NEAR SURFACE VEINS

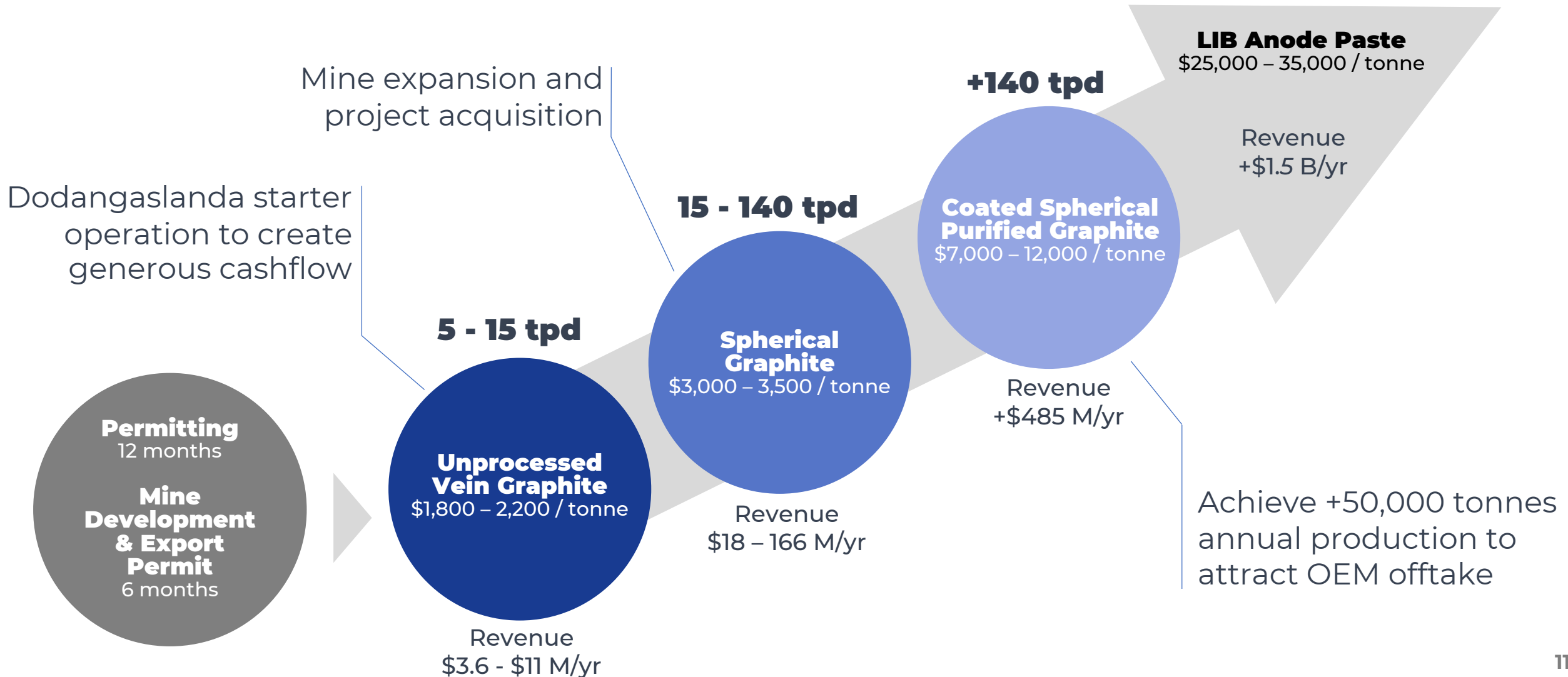
- Mine concept would be a simple horizontal adit to access multiple known surface outcropping.
- Design to be optimized with ground-based IP known to be very effective at identifying conductive graphite veins.
- Conceptual initial production intersecting 2 veins averaging 30cm to 60cm, has the following initial proforma production:

Average Vein Thickness	30 cm	45 cm	60 cm
Veins	2	2	2
Working Faces	4	4	4
Daily Production (tonnes)	5.0	7.4	12.4
OPEX (USD\$ / tonne)	\$187	\$121	\$77
Annual EBITDA (million USD\$)	\$3.3 M	\$5.1 M	\$8.7 M



GROWTH PLAN

BUILDING A GREEN BATTERY COMPANY FROM CASH FLOW



THE TEAM

LOCAL, INDUSTRY AND SRI LANKA EXPERIENCE

Don Baxter, P.Eng.

Director / CEO

Don Baxter is one of the premier graphite experts outside of China, having built one of only two producing graphite mines in North America. Extensive Sri Lankan experience.

Chaanaka Abeyratne

Director / Country Manager

Attorney at Law in Sri Lanka, with nearly 25 years experience. He has been involved with the Graphite mining industry in Sri Lanka for the last 8 years and is an expert in permitting and compliance.

Sunil Sharma, CPA

Chief Financial Officer

CPA with over 20 years of experience with public and private mining companies.

James Ruane

Chairman

Thirty-one years as a Managing Director with leading advisory firms such as PwC, KPMG, Huron Consulting and currently as Managing Member of Whitney Hill Partners. COO of a coal mining, coal processing and coking manufacturing company.

Rodney Stevens, CFA

Director

CFA charterholder with over a decade of experience in the capital markets.

Ian Harris

Director

Mining Engineer and executive with 25 years experience including 10 years in coal. Project development, construction, restart, and operations.

EXPERIENCE

- BUILDING GRAPHITE MINES
- OPERATING IN SRI LANKA
- NEGOTIATING GRAPHITE OFF-TAKE AGREEMENTS
- IN-HOUSE TECHNICAL TEAM