



*Company Graphite Projects
Roadshow Presentation
May 2012*



ASX: TLG

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Corporate Overview



Board

Sean Neary

B.Ec, M.Law (Tax), CPA

*Chairman &
Non-Executive Director*

Mark Thompson

MAIG, MSEG

Managing Director

Piers Lewis

B.Comm, CA

*Company Secretary &
Non-Executive Director*

Exchange: ASX	Code	TLG
Shares		46.35 Million
Options (unlisted/employee) 1.1m @ 20c expiring 16 Dec 2012 2.75m @ 40c expiring 30 Nov 2014 0.5m @ 35c expiring 21 Jul 2015		4.35 Million
Cash (At Mar 31,2012. \$=AUD)		\$2.70 Million

Top 20 own 52%

Major shareholders:

22% Directors & companies associated with Board
(19.4% Thompson related)

4.9% J P Morgan Nominees

4.5% United Overseas Service

4.5% Kin Chun Wong

4.3% Kevin Graham Danks

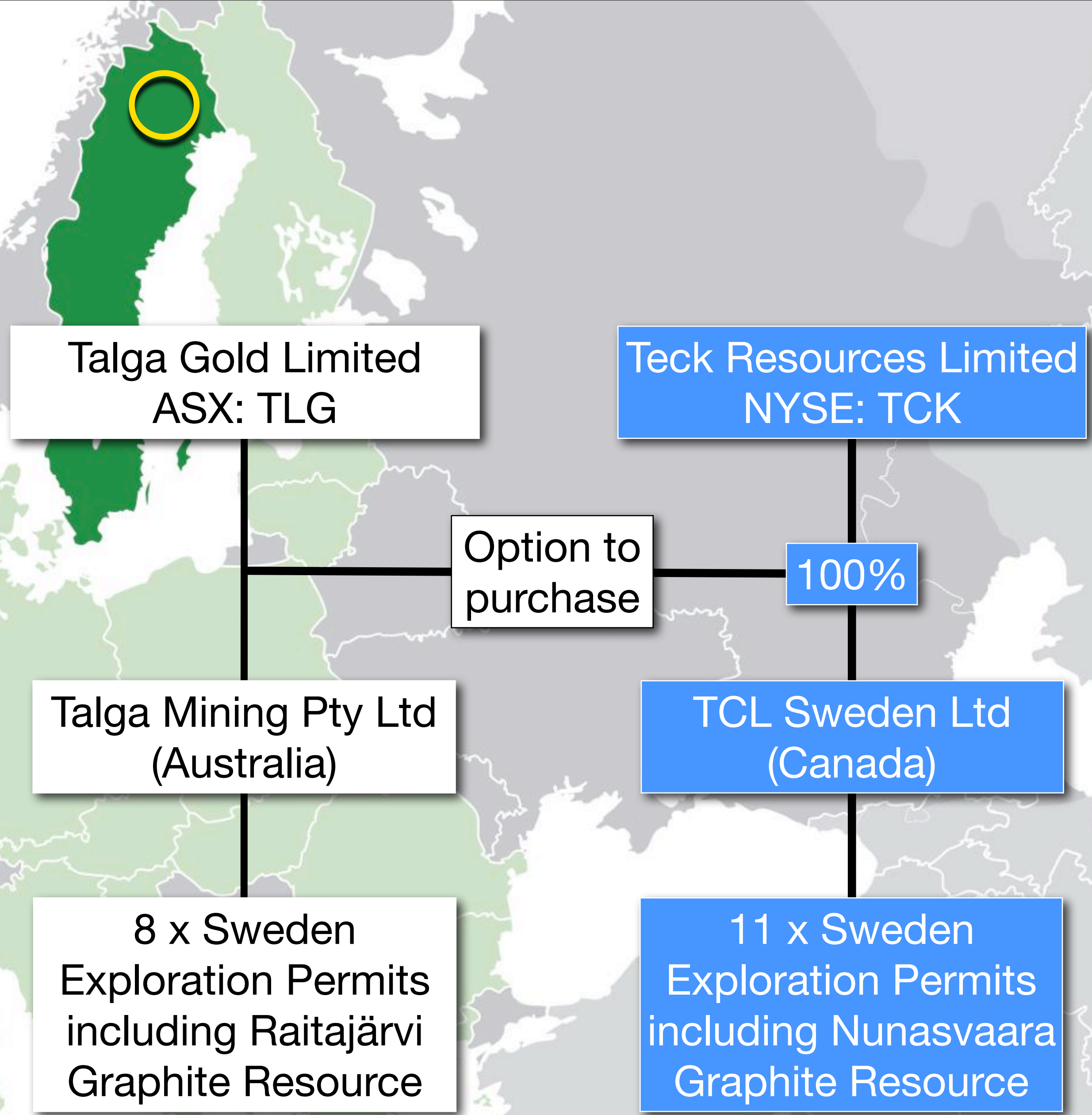
Talga Introduction

- ▶ July 2010 raised \$5M @ 20c in IPO
- ▶ Active explorer: drilled 118 holes totalling 8,099 metres and sampled over 7,100 geochemical sites since listing
- ▶ June 2011 further raise \$2.1M @ 35c
- ▶ In late 2010/early 2011 identified graphite market potential and started reviewing projects. In Q4 2011 Talga Gold Ltd (“Talga”) subsidiary Talga Mining P/L staked 100% owned permits in Sweden containing Graphite projects including **JORC Code Compliant Inferred Resource Estimate and Exploration Targets.**
- ▶ In 2012 acquired option with Teck Resources Limited to acquire 100% of subsidiary TCL Sweden Ltd for additional IOCG, Iron and Graphite projects in Sweden



TCL Sweden Ltd Option

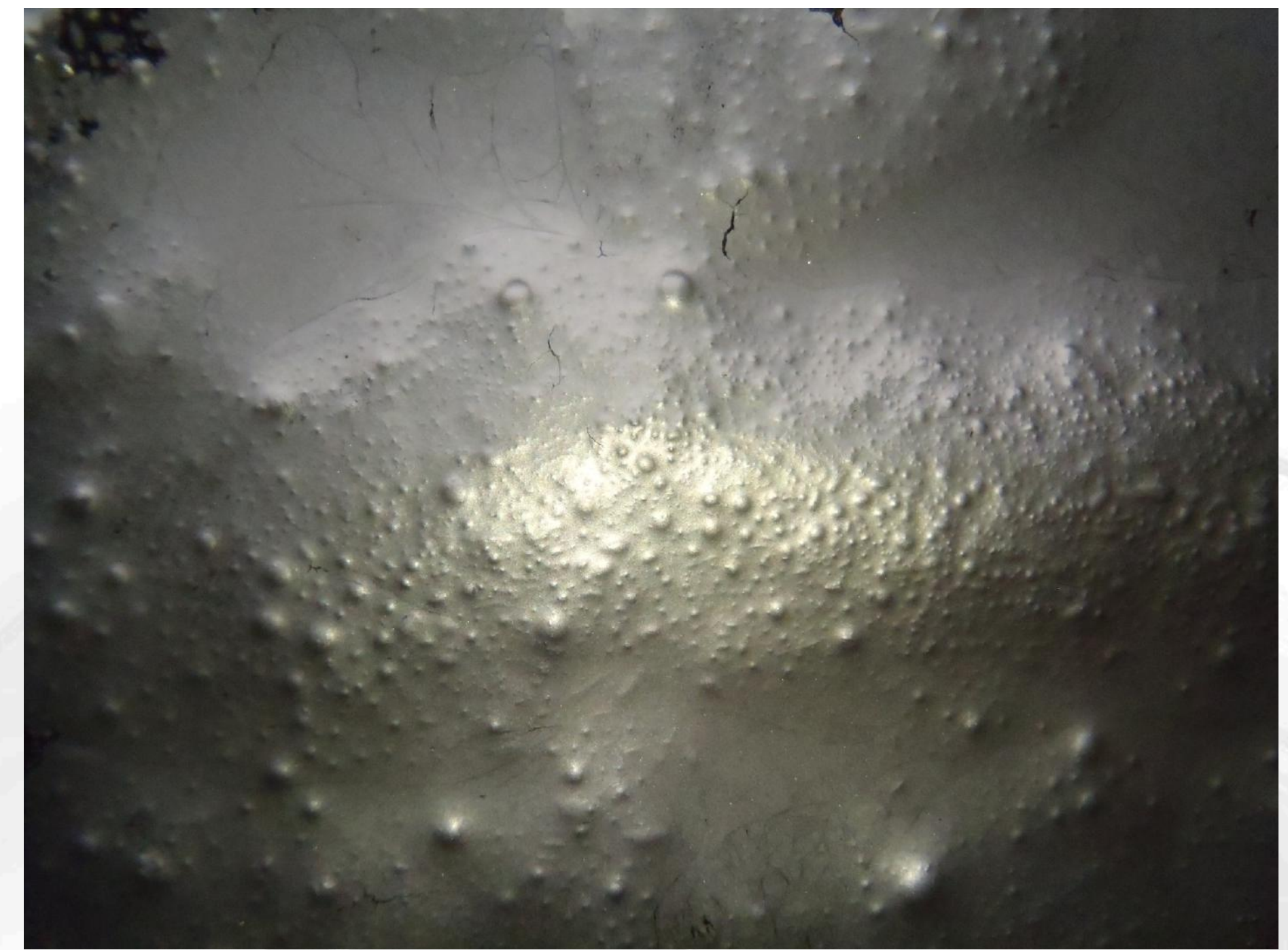
- ▶ During Q1 2012 Talga entered an option agreement with Teck Resources Limited (“Teck”) to purchase 100% subsidiary TCL Sweden Ltd (“TCL”).
- ▶ Talga paid US\$45,000 for the option until 30 June 2012, to purchase 100% of TCL for US\$433,500 and a 1% Net Smelter Royalty (“NSR”). An underlying 2% NSR is due to prior owner Phelps Dodge upon production. For option details see Appendix 4 and ASX release TLG: 28 Feb, 2012.
- ▶ TCL contains complementary assets including iron, graphite and iron oxide copper-gold (“IOCG”) projects with JORC Code Compliant Inferred Resource Estimates and Exploration Targets for Iron, Copper and Graphite.



What is Graphite?

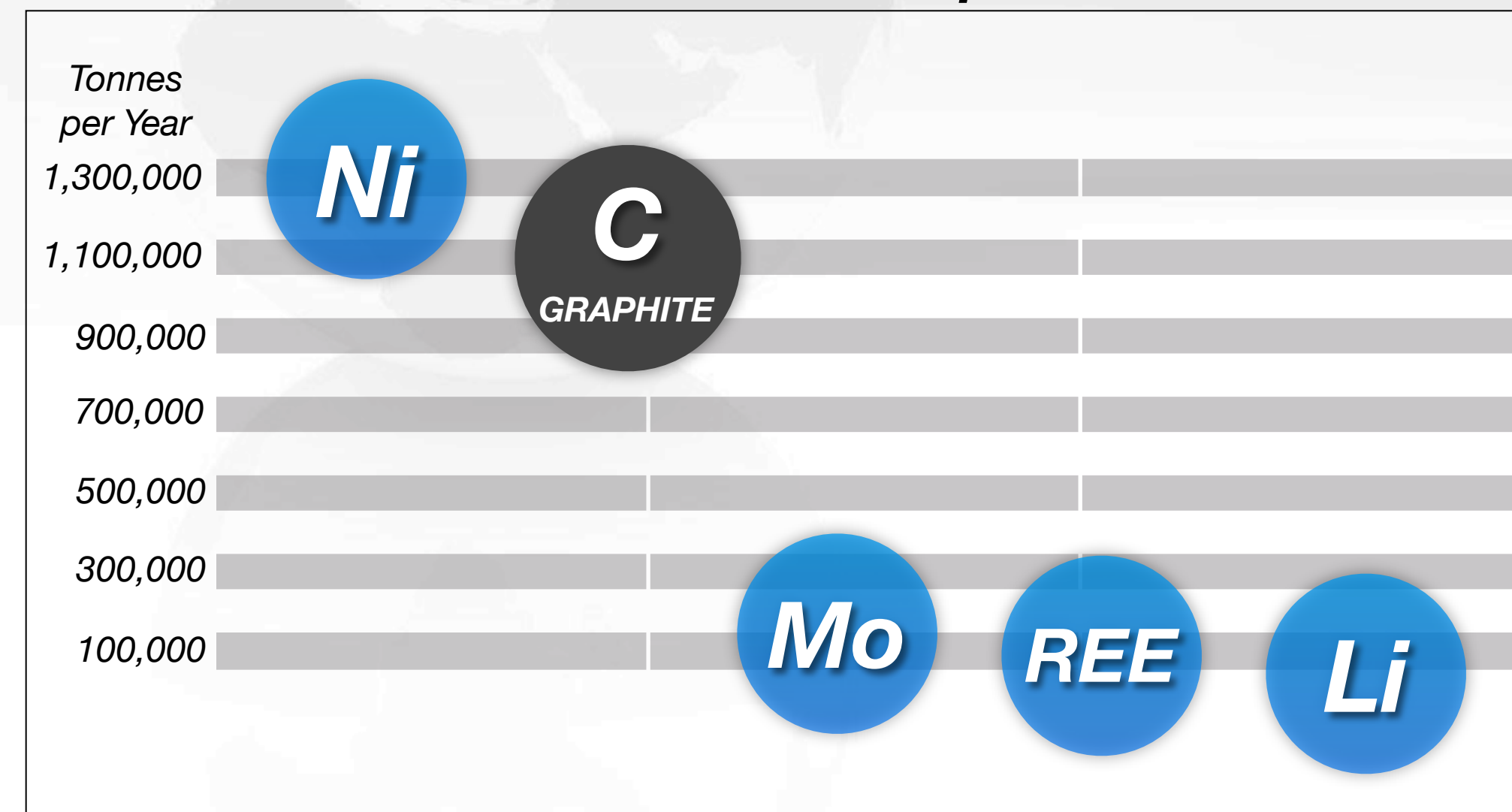
- ▶ Graphite is a naturally occurring mineral form of carbon, with very high melt point (about 3600°C) and range of unique properties including high conductivity and low volume change under charge that make it useful for batteries
- ▶ Worldwide “Graphite” market estimated to be worth **US\$12B/yr***:
Steel & Refractories 41%, Carbon Fibres-Brushes-Batteries 21%, Automotive Parts 14%
Lubricants 14%, Other Graphite Products 10%
- ▶ Natural graphite market (1.1Mt C) is similar **volume** to Nickel market (1.3Mt Ni) and much bigger than Lithium and Rare Earths
- ▶ Annual consumption natural graphite types - 700Kt amorphous, 400Kt flake
- ▶ Traditional graphite markets in steel production are strong; growth 5% annum.
- ▶ New markets opening in mobile and stationary battery production where graphite is significant component of Li-ion batteries (Approx 60Kt annum) but growing fast

*Source: “The World Wide Amorphous Graphite Market” Asbury Carbons, World Graphite Conference Dec 6-7 2011



Graphite float from cutting diamond drill core at Talga’s 100% owned graphite project in north Sweden.

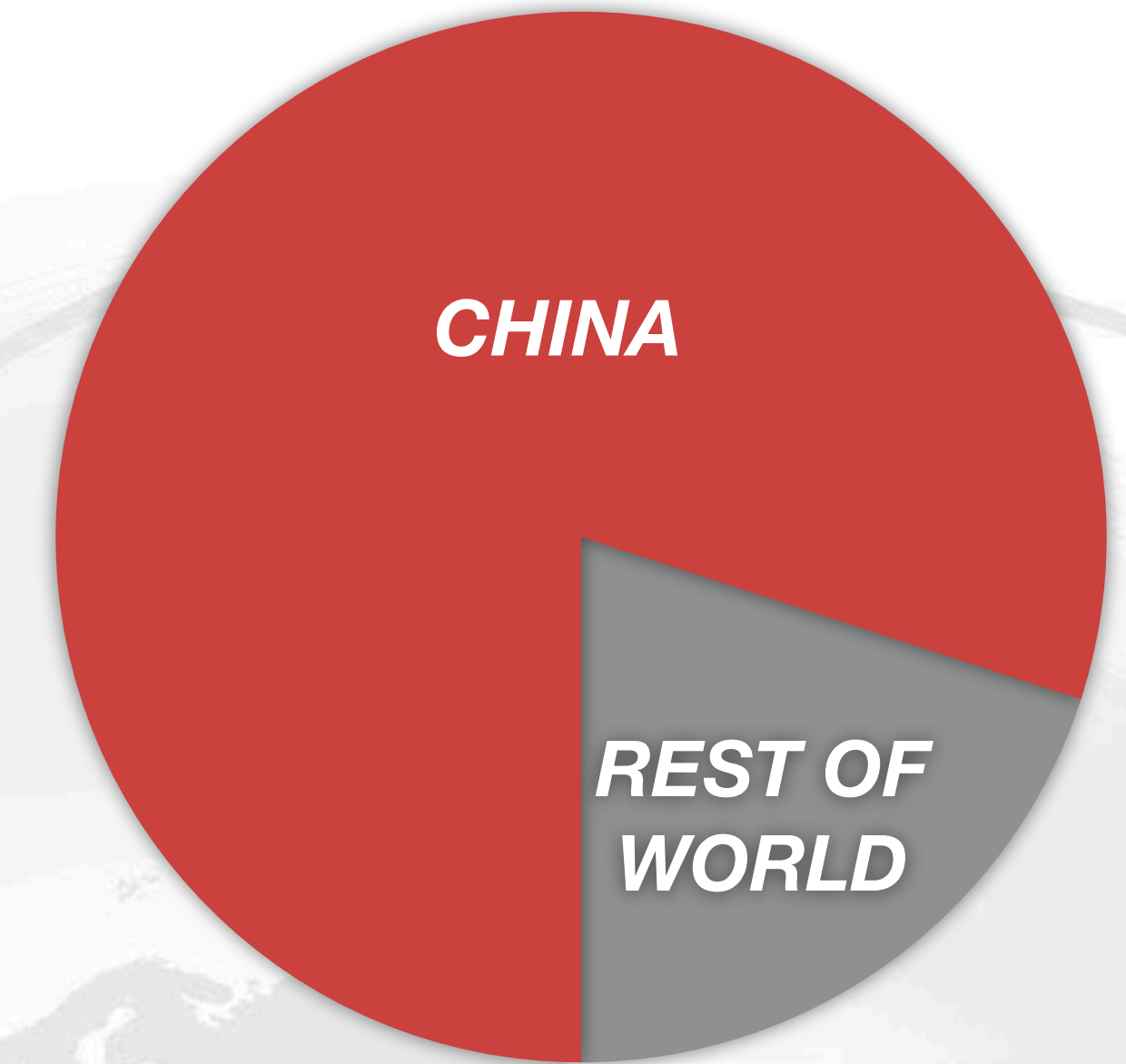
Estimated Worldwide Natural Graphite Market in 2011



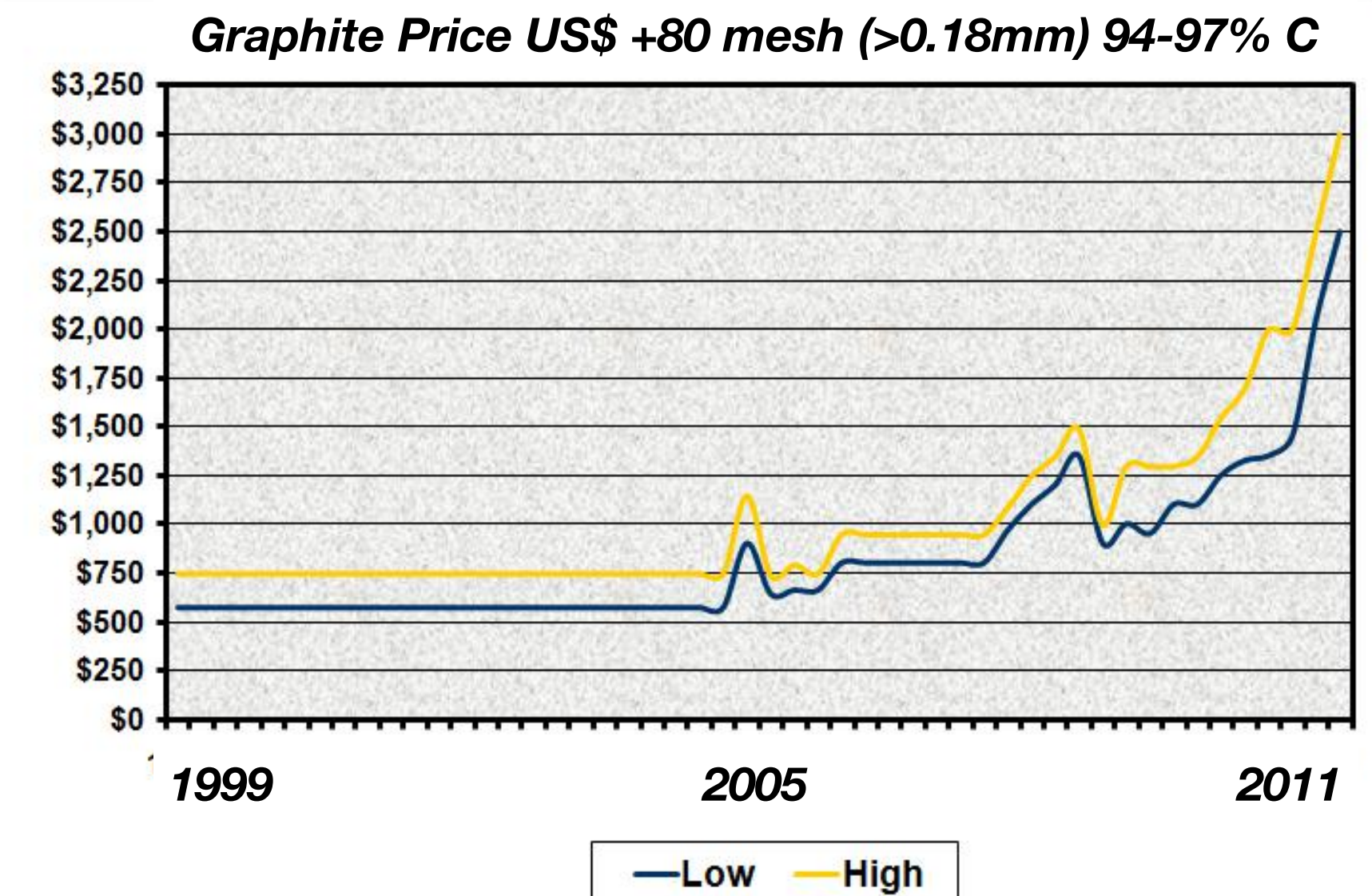
Why Graphite?

- ▶ World natural graphite supply is 80% from China
- ▶ Graphite declared a “Strategic Mineral” akin to Lithium and REE’s by USA and EEC
- ▶ Chinese exports decreased under enforcing of tariffs and regulations
- ▶ Apparent graphite mine consolidation in China and increase in state control
- ▶ Graphite prices risen strongly since 2005 and consumers wanting to lock in reliable, timely and high quality supply outside of China continue search for new sources of supply

World Natural Graphite Production



Source: “Graphite Red Alert” Industrial Minerals, March 2012



New Demand Driver

- ▶ Graphite is significant and hard to replace element of Li ion batteries that are becoming industry standard for appliances, green energy to grid transitions and automotive use
- ▶ Takes up to 30x more graphite than Li to make a Li ion battery, and total weight graphite in electrified vehicles range 10-90kg each
- ▶ Global Demand for Li ion batteries forecast to Grow 447% to 2015*
- ▶ Government mandated growth where countries have legislated minimum electric vehicle targets for 2015 and 2020 (California, Germany, China)
- ▶ Li-ion battery industry needing improved sources of graphite supply

*January 23, 2012 – IDC Energy Insights “Business Strategy: Lithium Ion Manufacturing Global EI232266”

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Mercedes to go hybrid on sedans, SUV

Joshua Dowling
March 8, 2012

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Reviewed: Kia Soul+



★★★★★
New engine makes for an improved package but more work is still needed.

USED CAR REVIEWS

March 8, 2012 – Snapshot of media announcing Mercedes adoption of electric power across most of range, supporting move from concept to reality in Li-ion battery market and associated consumption of graphite

Sweden Graphite Projects

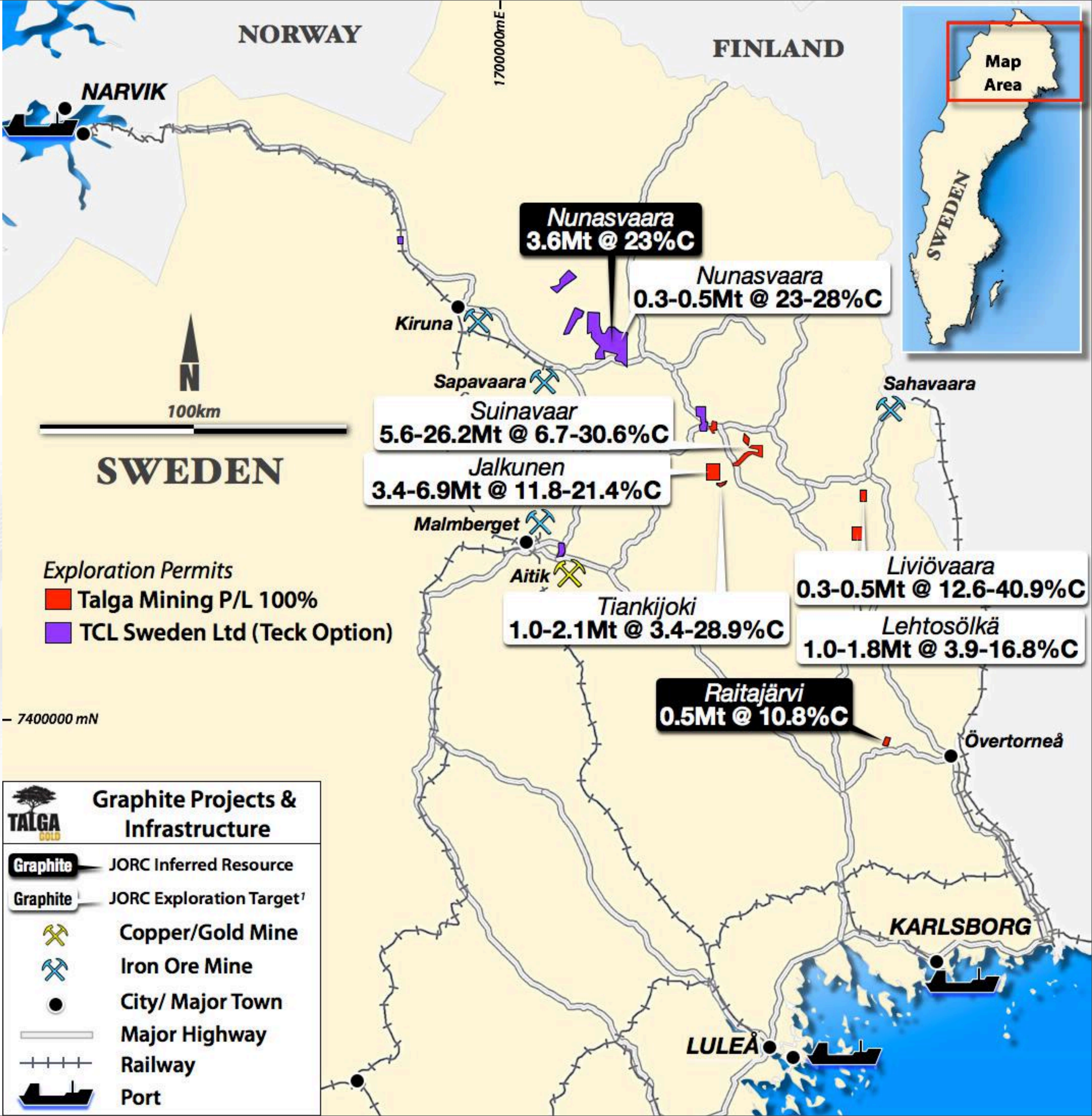
JORC Code Inferred Resource Estimates

Nunasvaara	3.6Mt @ 23.0% C
Raitajärvi	0.5Mt @ 10.8% C
Total	4.1Mt @ 21.5% C

Plus Additional

Exploration Target¹ Total (to 50m depth)
11.6 - 38.8Mt @ 3.4 - 40.9% C

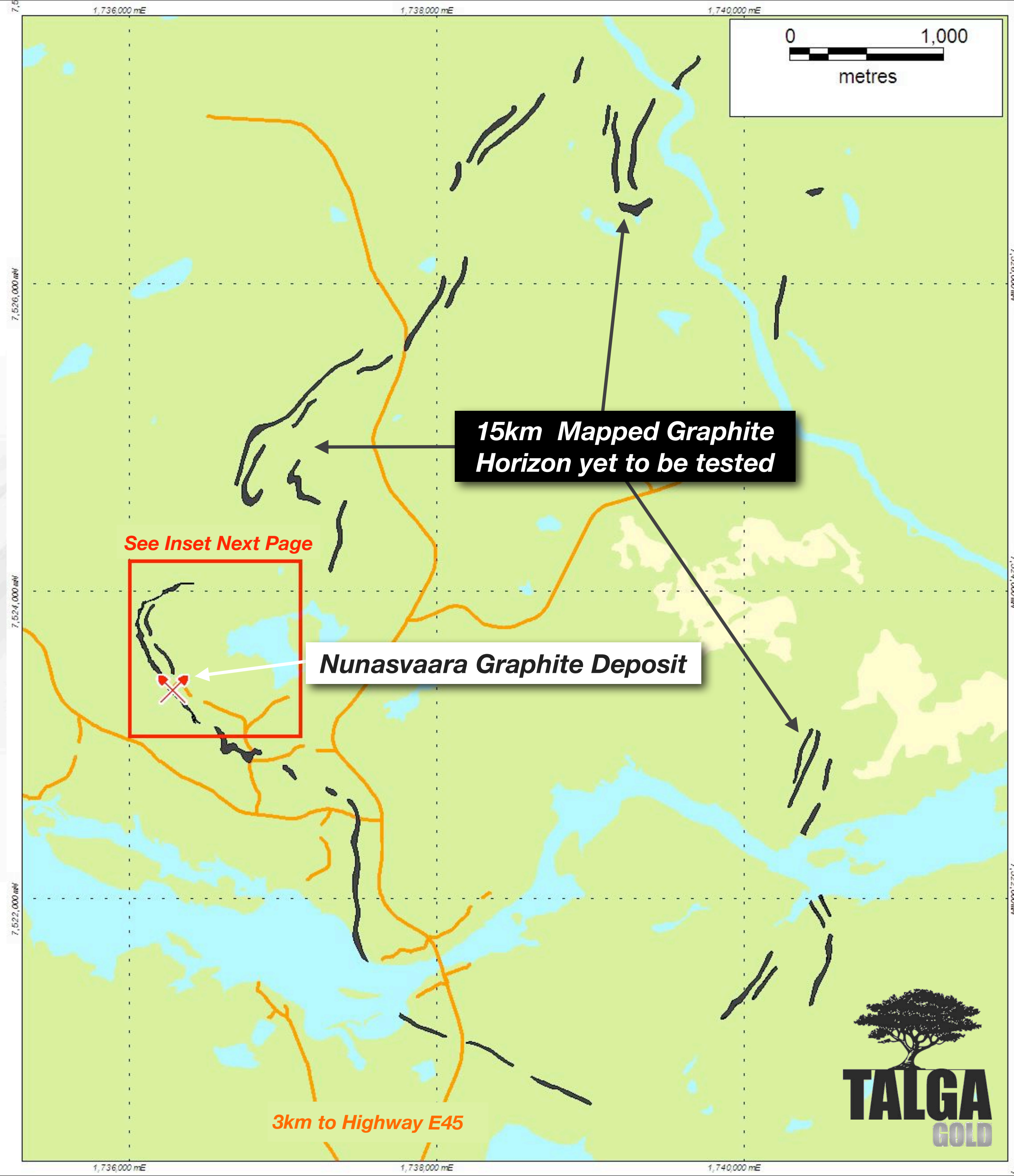
¹ JORC Code compliant Exploration Targets are calculated using data from selected historic drill holes completed at each project combined with geophysical (slingram) surveys. Downhole thickness are calculated from historic drillhole data using only minimum continuous downhole thicknesses of >3.5m. Mineralised intervals have been corrected to interpreted true thickness with an error factor of 25% applied to account for potential along strike and down dip variation. Potential strike length calculations are based on geophysical anomaly shapes and strengths. A vertical mining thickness of 50m has been assumed and grade ranges determined by applying weighted averages to upper and lower 25-40% of assay populations. A standard SG of 2.6 g/cm³ was applied. The JORC Code compliant Exploration Targets are based on historic geological work that pre-date the creation of the JORC Code and so the potential quantity and grade of the Exploration Targets is conceptual in nature, there has been insufficient interpretation to define a JORC Code Mineral Resource and it is uncertain if further exploration and interpretation will result in the determination of a JORC Code Mineral Resource.



Nunasvaara *(Option to 100%)*

GRAPHITE

- ▶ Highest in-situ graphite grade resource in world
- ▶ JORC Code Compliant
Inferred Resource Estimate 3.6Mt @ 23.0% C
- ▶ Resource estimate based on 17 of 21 diamond drill holes for 1,677.2m over 700m strike length with 1970-82 drilling by Sweden Geological Survey and LKAB Prospecting AB
- ▶ Open at **depth** and along **strike**
- ▶ Robustly high grade; increasing cut-off grade to 15% drops resource from 3.6 to 3.5 million tonnes
- ▶ Growth potential: **15km** mapped but untested graphite horizon, no exploration target estimated along this greater trend yet



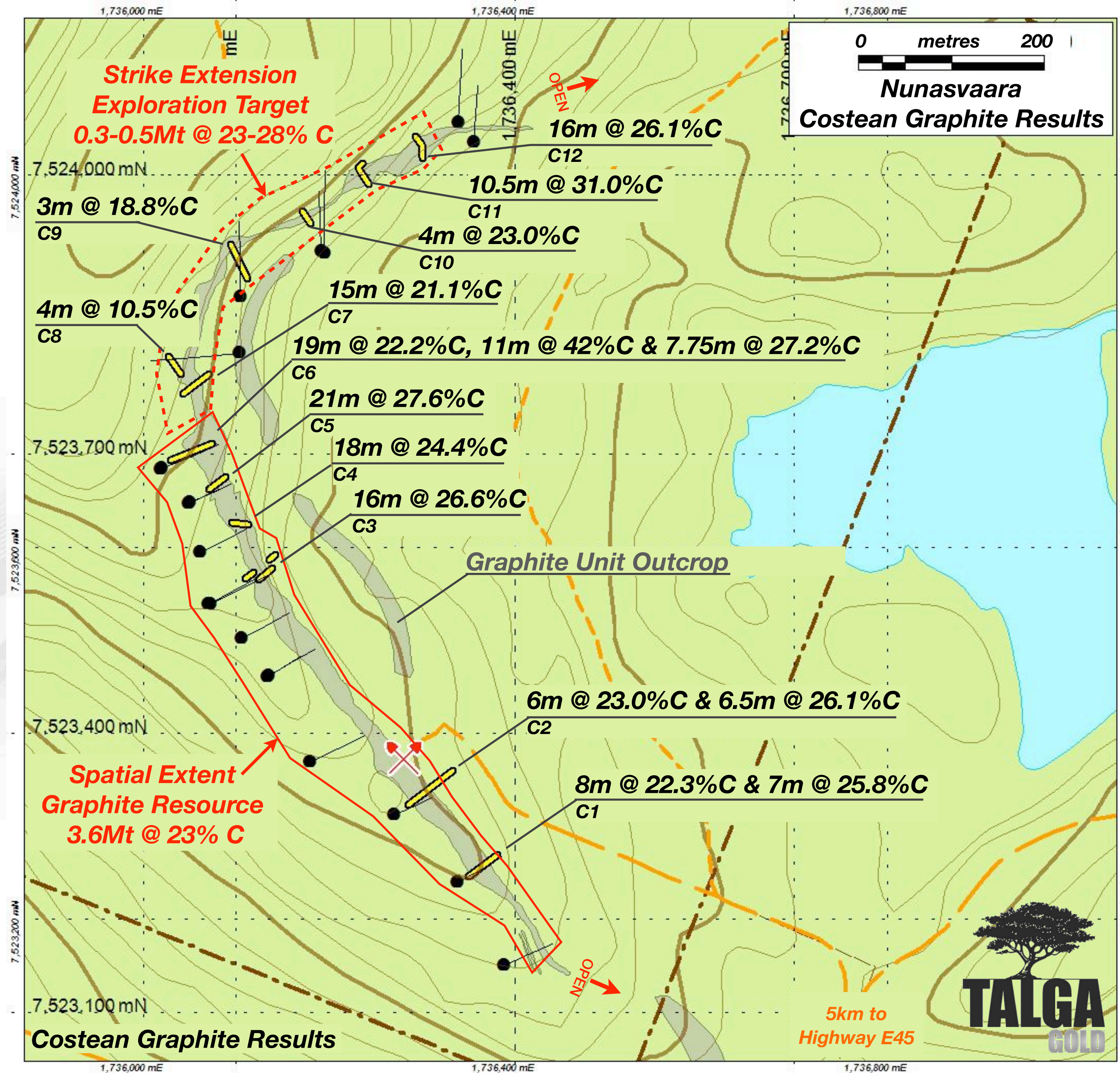
Nunasvaara

TRENCH/COSTEAN RESULTS

Graphite Mineralisation from Surface

- ▶ 12 trenches/costeans* and bulk sampling during show mineralisation **from surface**
- ▶ Graphite flake size historically renowned as amorphous but also reported as ranging 0.06-1.0mm so essentially untested.
- ▶ Current resource over only 700m strike, remains open over 15km mapped outcrop
- ▶ Distance to: Highway and grid power = 5km, Town = 15km, Rail = 23km, Port = 190km, International airport = 61km

*Trench/Costean Data: Trenches/costeans selectively sampled as 1-2m composites bound by lithological contacts and visual graphite grade. Many intervals end in mineralisation. Intervals calculated here using 2.5% C cut-off grade with no internal dilution. Intervals >3m plotted.

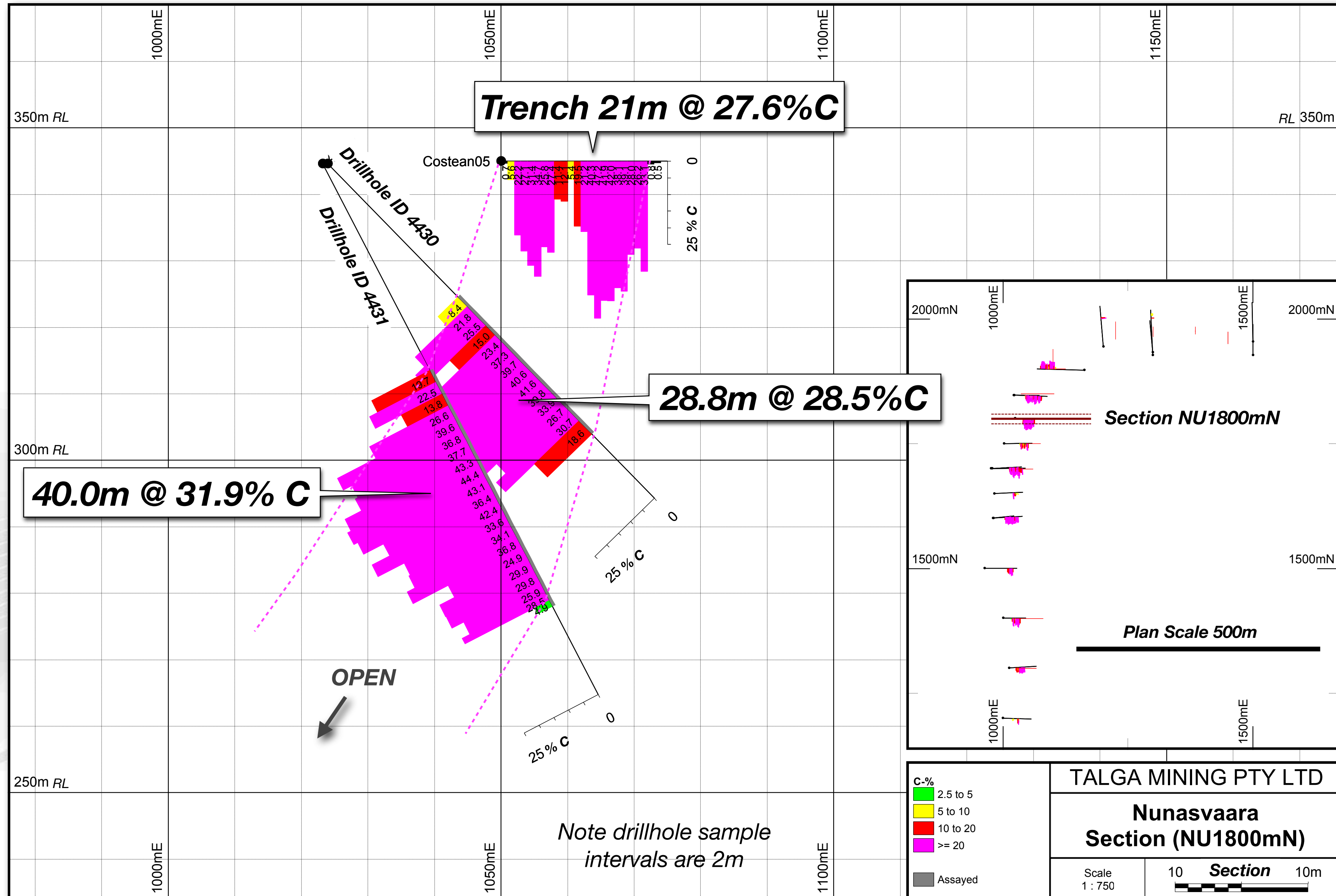


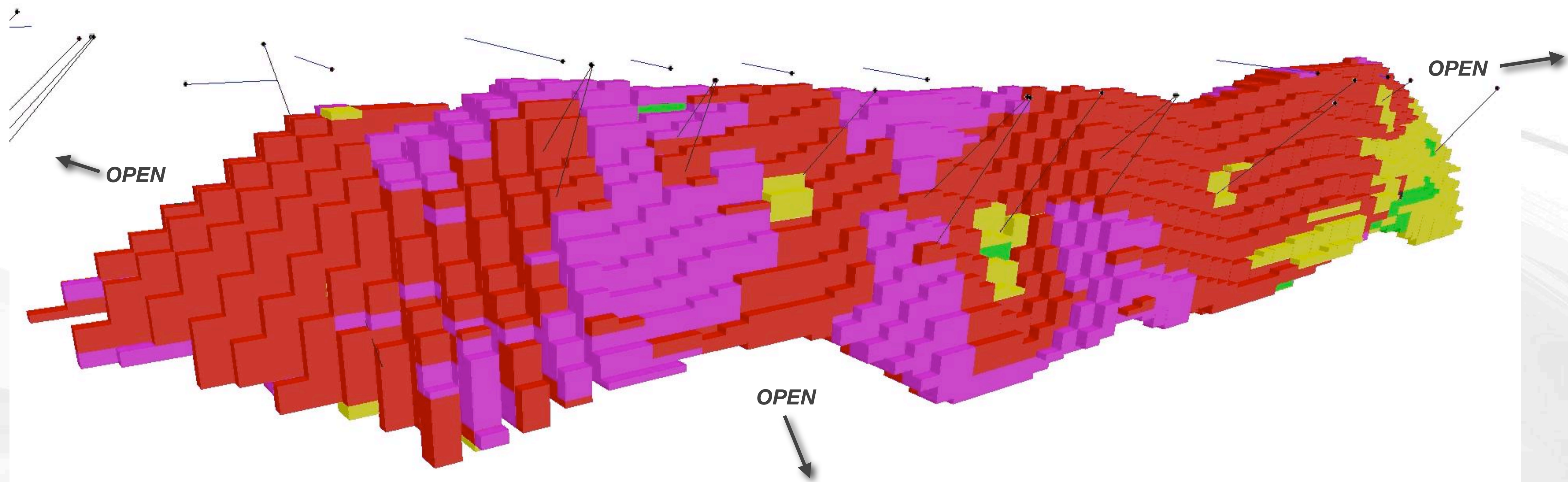
Nunasvaara

GRAPHITE

- ▶ Previous drilling at Nunasvaara on 50m and 100m sections
- ▶ Historic drilling highlights on adjacent sections to 1800mN include:

- 50m @ 24% C** Hole ID 4542 from 47m
- 40m @ 25% C** Hole ID 4434 from 73m
- 44m @ 22% C** Hole ID 4545 from 79m
- 31m @ 22% C** Hole ID 4427 from 41m
- 28m @ 26% C** Hole ID 4428 from 49m



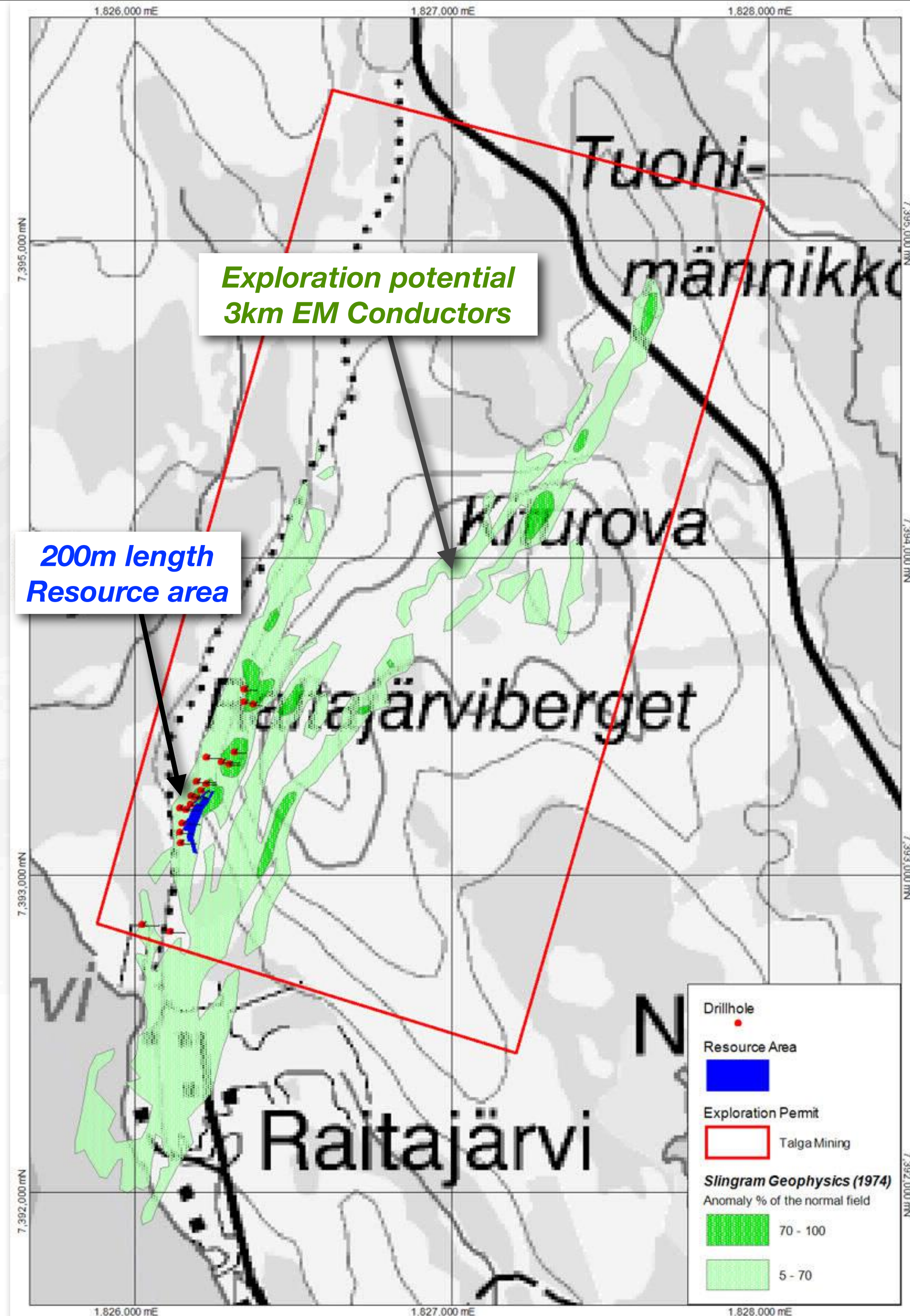


Nunasvaara JORC Code Inferred Mineral Resource

Million Tonnes	Graphite Grade	Model Depth	Cutoff Grade
3.6	23 %C	110m	5 %C

Raitajärvi Graphite Project

- ▶ Delineated using 13 diamond drill holes over 200m strike length from a total 20 holes drilled by SGU
- ▶ JORC Code Compliant Inferred Resource Estimate 0.5Mt @ 10.8% C Open at depth and along strike
- ▶ Growth potential clear: 4m @ 22% C and 9m @ 10% C outside current resource and 3km mapped EM conductors to test
- ▶ Predominant coarse flake graphite size - range up to 1.2mm size and upgradeable to >99% C concentrate in unoptimised test.
- ▶ Distance to: Highway and grid power = 2km, Town = 25km, Rail = 28km, Port = 100km

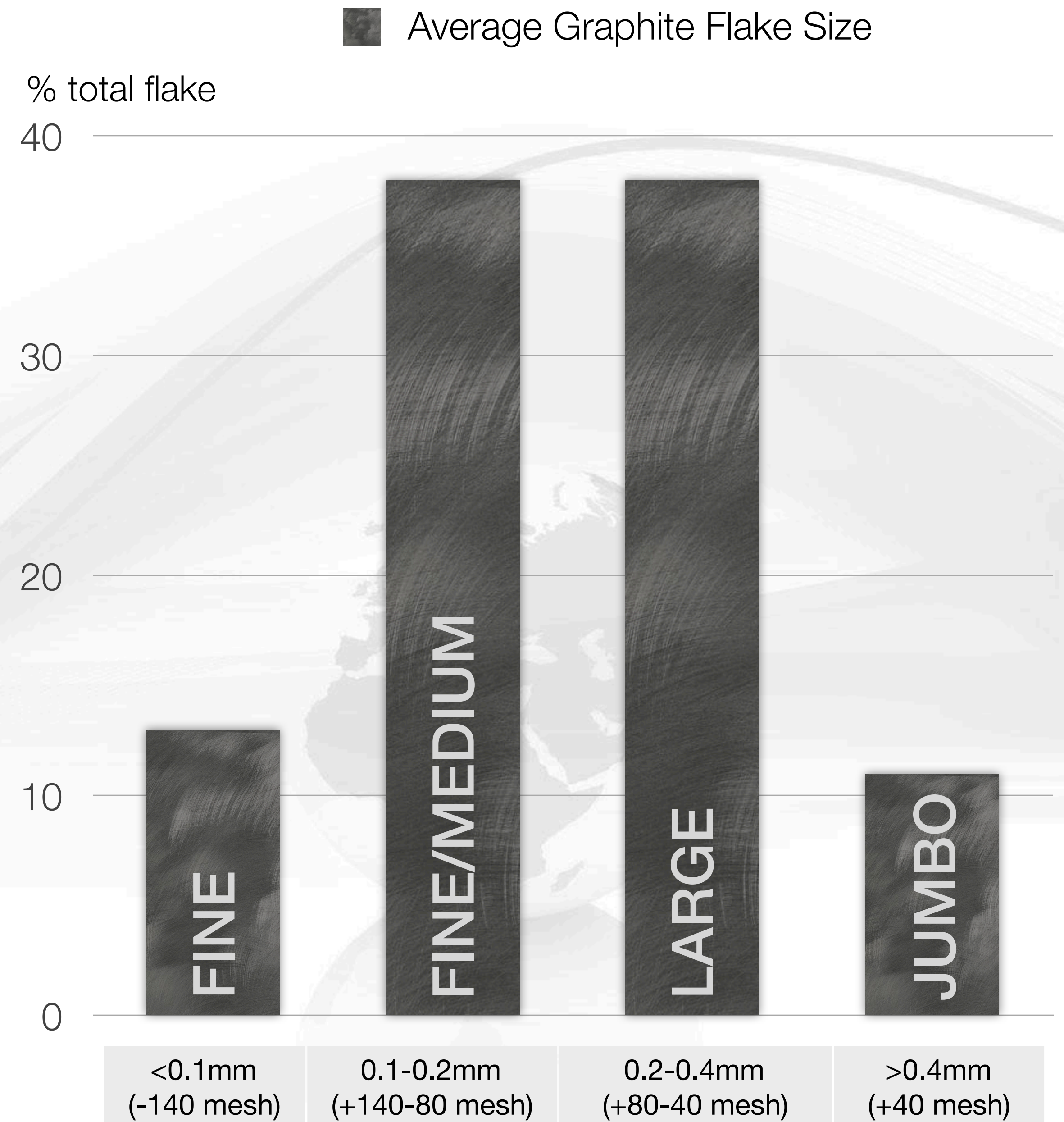


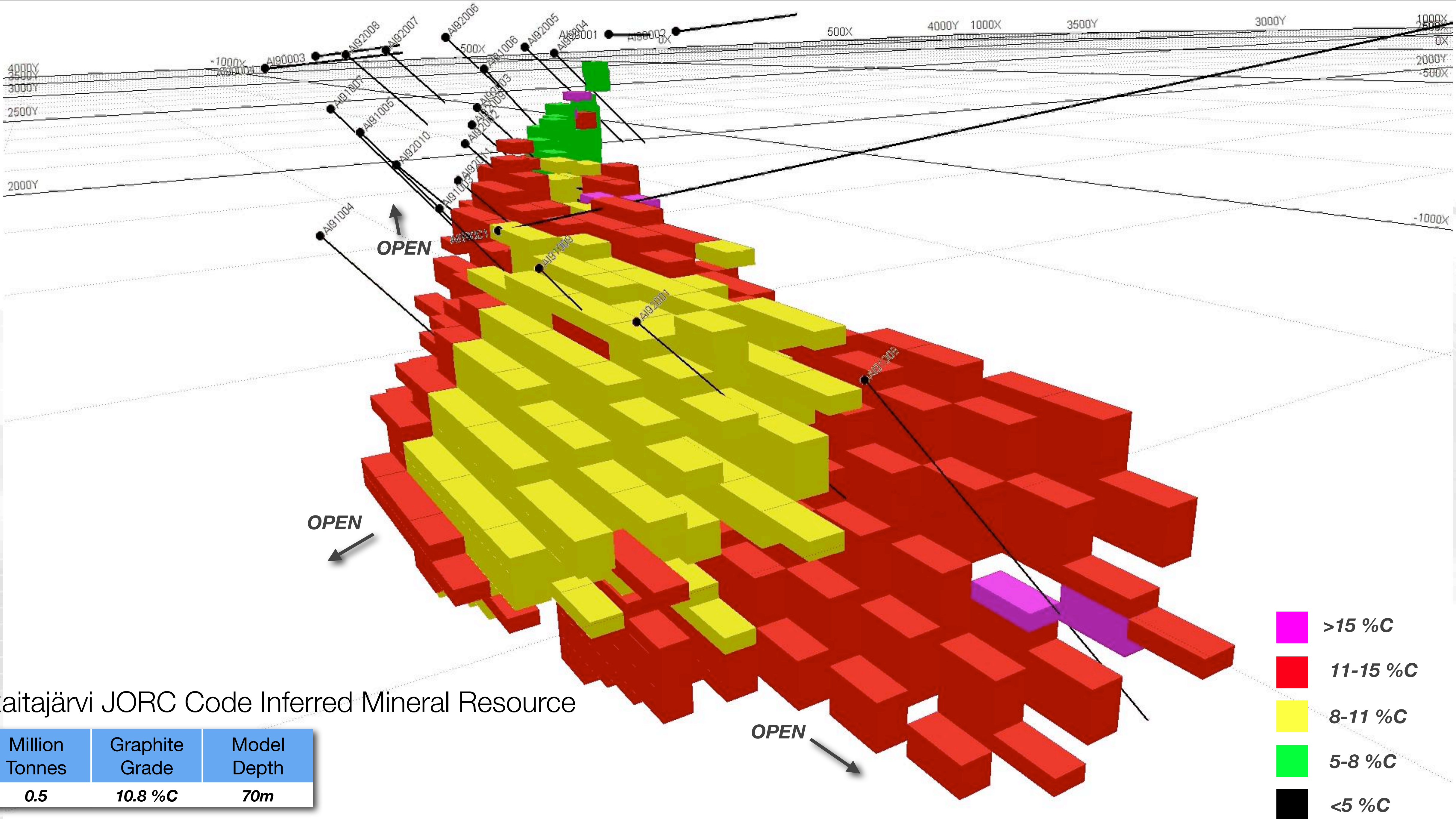
Metallurgy

- ▶ Previous work on 87 petrographic samples indicate predominantly coarse flake graphite (see appendix 2 for details).
- ▶ >85% of graphite flake >0.1mm size and ranges up to 1.2mm (“Super-Jumbo”)
- ▶ Preliminary metallurgical tests returned graphite concentrate grades 90-93%C upgradable to >99%C indicates battery-grade potential of belt



Photomicrograph: Raitajärvi Graphite Flakes
100x magnification





Raitajärvi JORC Code Inferred Mineral Resource

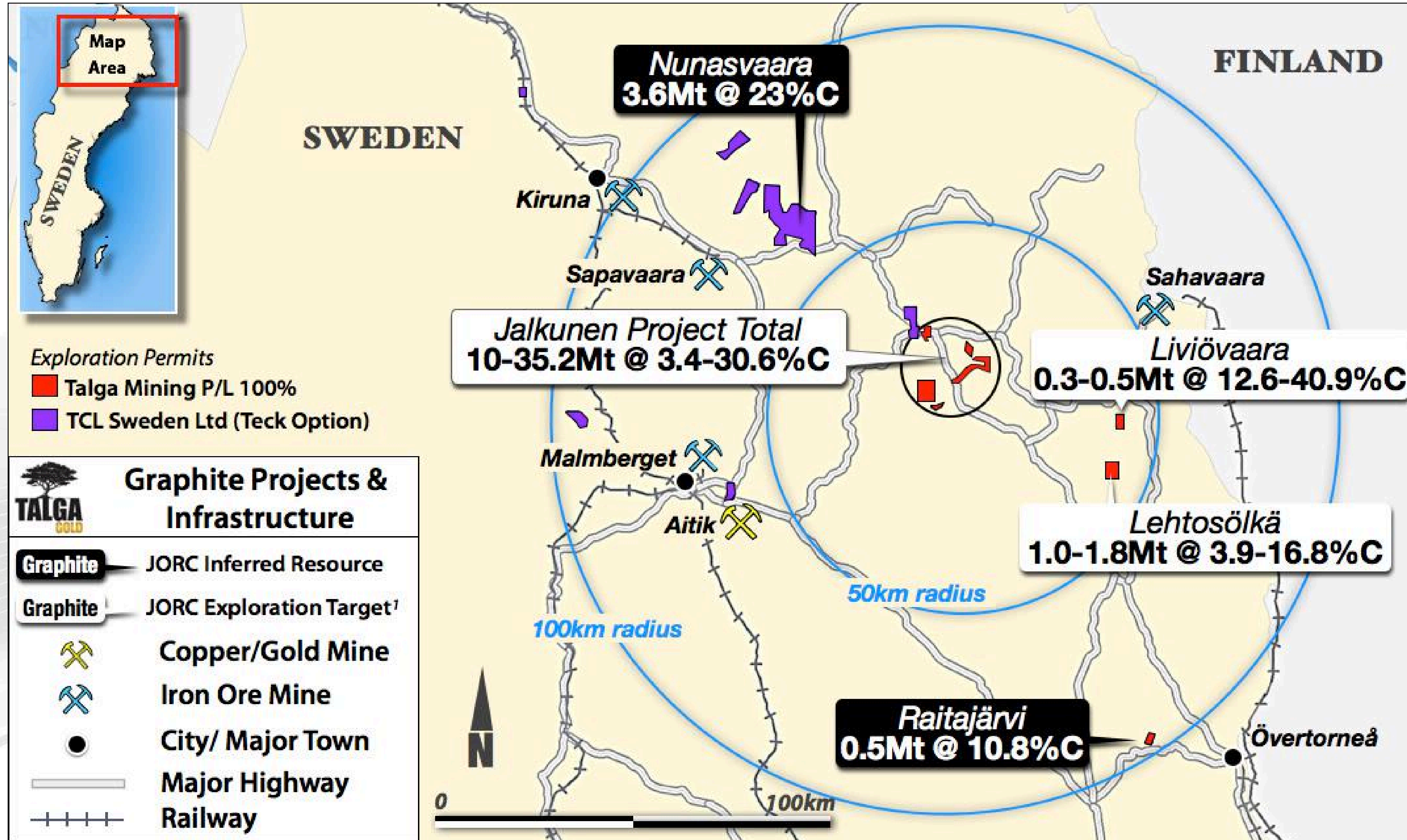
Million Tonnes	Graphite Grade	Model Depth
0.5	10.8 %C	70m

- >15 %C
- 11-15 %C
- 8-11 %C
- 5-8 %C
- <5 %C

Exploration Stage Projects

▶ In addition to the Nunasvaara and Raitajärvi graphite resources, Talga has 100% owned multiple graphite projects with location synergies

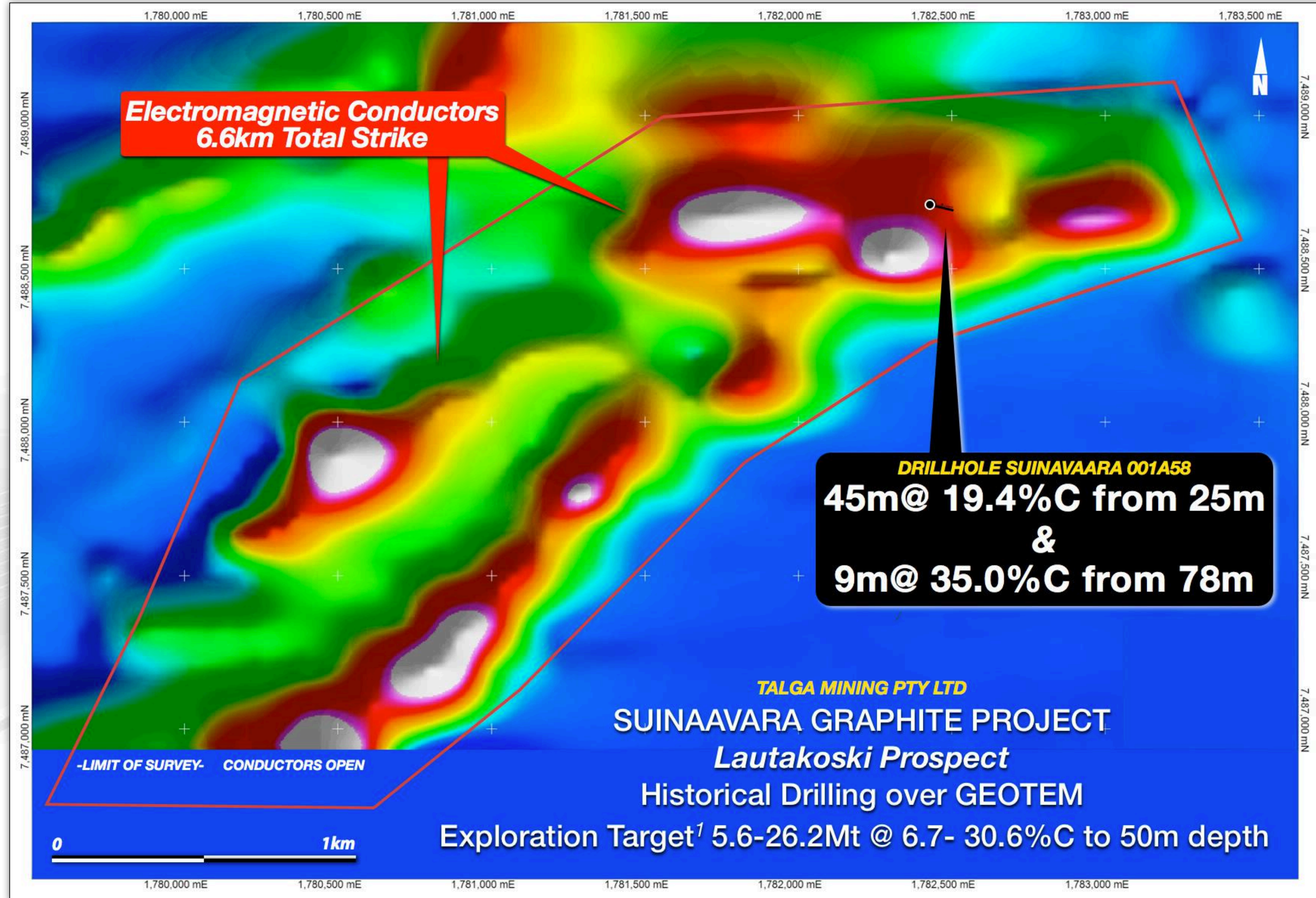
▶ 5 JORC Code compliant graphite Exploration Targets¹ 11.3-37.5Mt @ 3.4-40.9% C (to 50m depth) within 50km radius



Jalkunen Project

Suinavaar Prospect

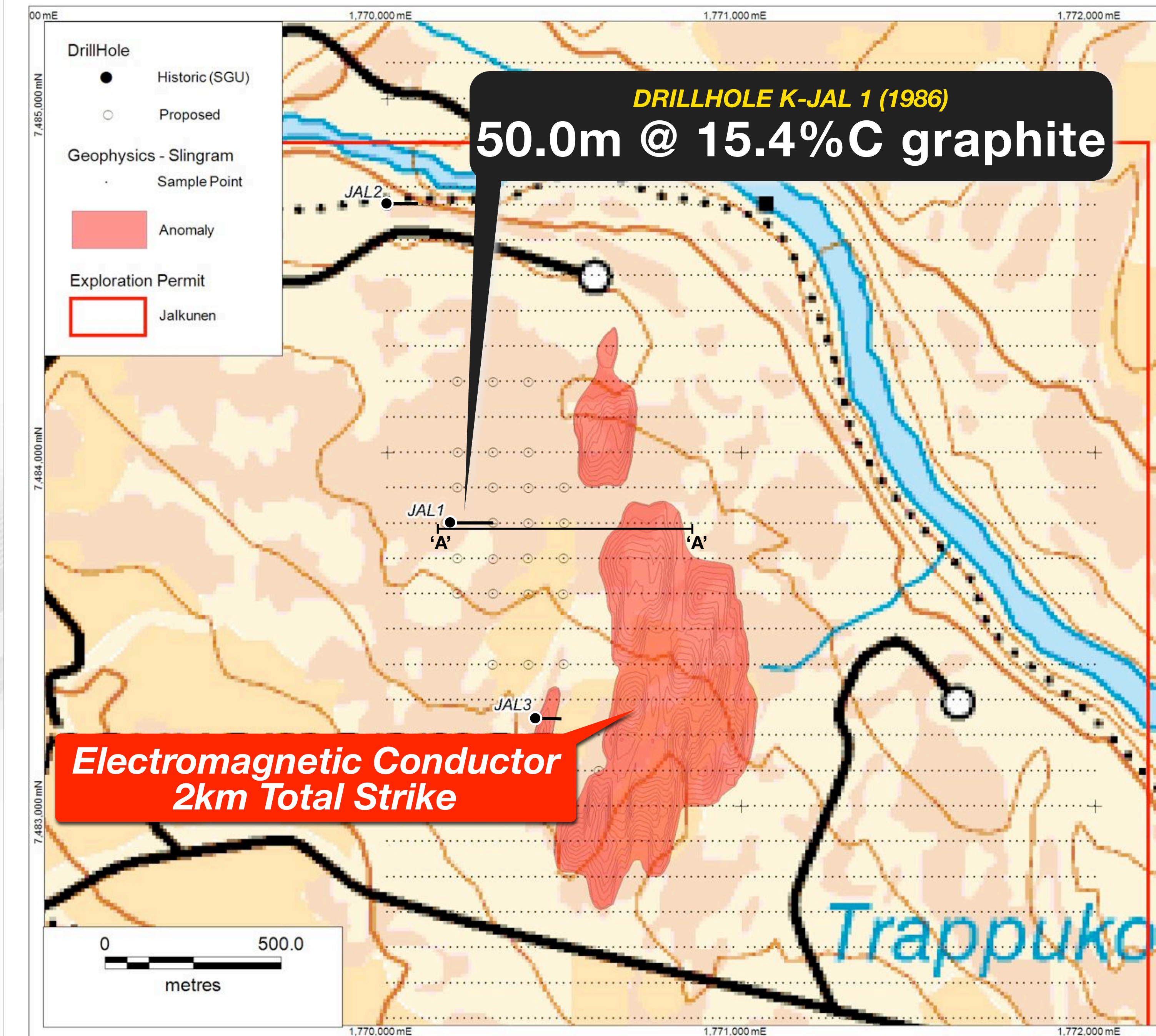
- ▶ Historic diamond hole by SGU on base metal target intersects significant graphite bearing interval up to 70m width within overall 6.6km striking geophysical conductor
- ▶ Drilling highlights include:
 - 45m @ 19.4% C from 25m above a zone grading
 - 9m @ 35.0% C graphite
- ▶ Exploration Target¹ 5.6 - 26.2Mt @ 6.7-30.6%C (to 50m depth)



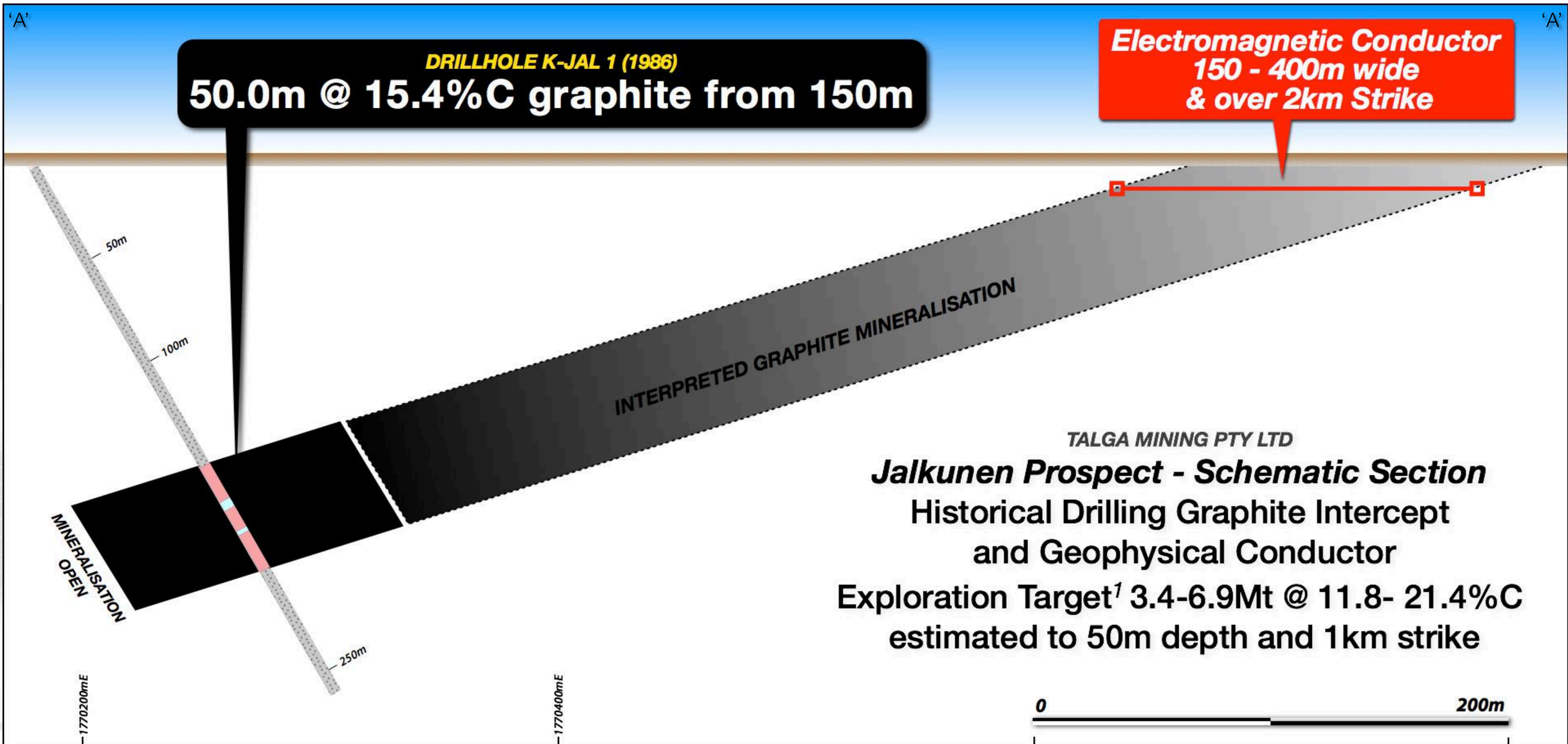
Jalkunen Project

Jalkunen prospect

- ▶ 2km long electromagnetic conductor
- ▶ 3 historic diamond holes by LKAB for 612.25m
- ▶ Graphite bearing schist intercepted over 51.2m
- ▶ Assays returned 51.2m @ 15.4% C from 149.4m depth at low angle to conductor
- ▶ 9 thin section studies indicate fine to coarse flake size *0.05 - 0.20mm with max 0.4mm*
- ▶ Geophysics and drilling data used to define Exploration Target¹ **3.4-6.9Mt @ 11.8-21.4% C (to 50m depth and 1km strike only)**



Jalkunen Project



Exploration Stage Projects



Lehtosölkä

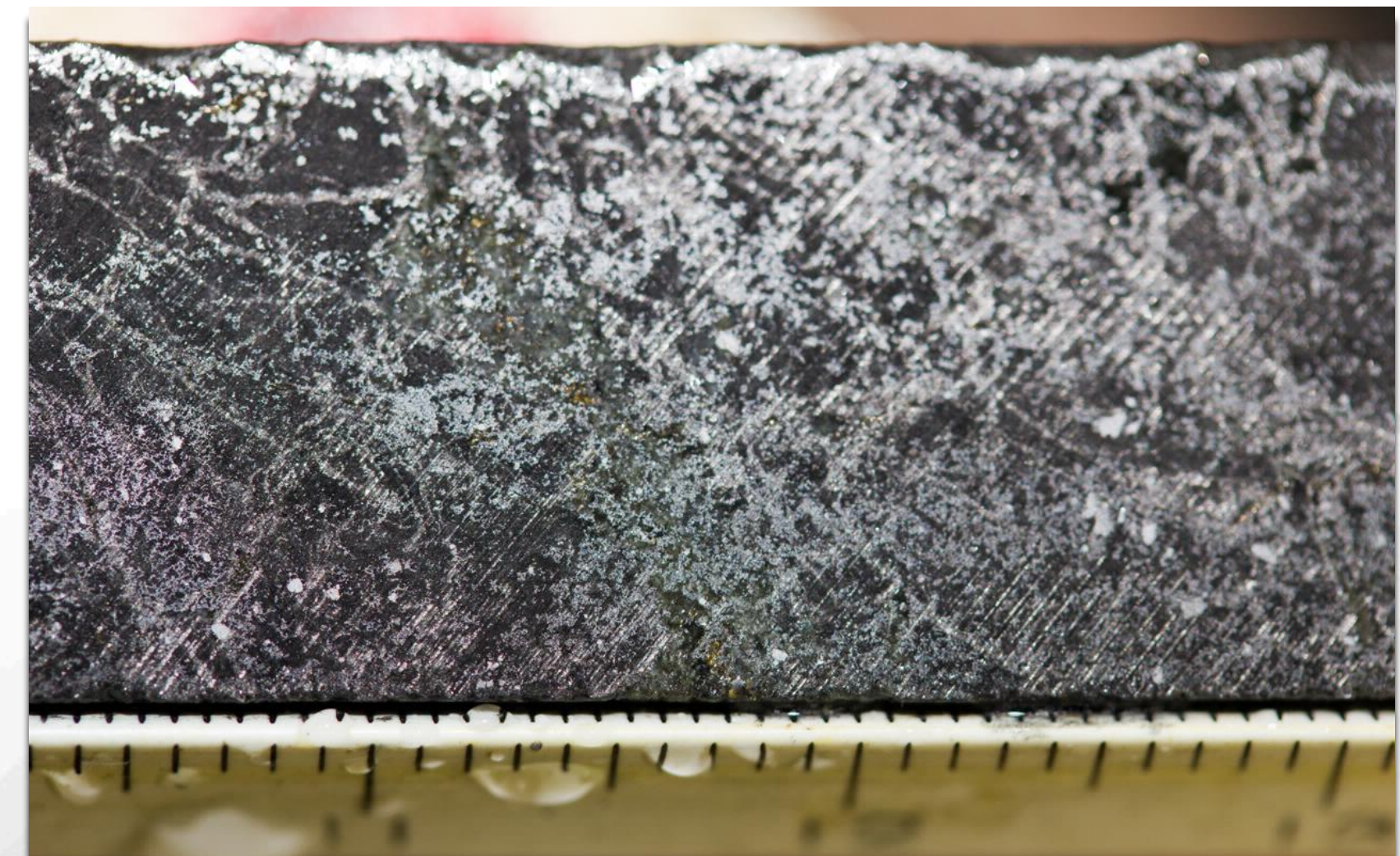
- ▶ Exploration Target¹ **1.0 - 1.8Mt @ 3.9 - 16.8% C**
- ▶ 5 historic diamond holes by SGU
- ▶ Best graphite intercept **19.5m @ 7.5% C**
- ▶ Graphite flake size range **0.1 mm and 0.3-0.4 mm.**
Approximately **20% >0.4 mm**

Liviövaara

- ▶ Exploration Target¹ **0.3 - 0.5Mt @ 12.6 - 40.9% C**
- ▶ 13 historic diamond holes by SGU and Anglo
- ▶ Graphite best intercepts: **4.6m @ 39.9% C**
8.4m @ 30.2% C
- ▶ Graphite flake size range **<0.05 - 0.1mm**

Tiankijoki

- Exploration Target¹ **1.0 - 2.1Mt @ 3.4 - 28.9% C**
- 14 historic diamond holes by LKAB, 5 intercepted graphite bearing schist
- Graphite best intercept **25.7m @ 27.7% C**
- Graphite flake size range **<0.05mm - 0.4 mm**



Graphite visible in diamond drill core from Talga's 100% owned Liviövaara graphite project in north Sweden. Scale on ruler 1mm.



Cutting core from TLG projects archived at Swedish Geological Survey, Sweden Feb 2012

Advantage North Sweden

- ✓ **Technical** High grades graphite, JORC Mineral Resources established, substantial drilling on exploration targets
- ✓ **Transport** Excellent network of high quality road, rail and ports facilitate development , lower capex
- ✓ **Regulatory** Active, pro-mining jurisdiction with low flat tax rates - minerals 0.2% corporate 28%
- ✓ **Markets** Local demand in Sweden, UK, Germany, France, Belgium and India
- ✓ **Resources** Highly trained local workforce and support industries, pro-mining attitudes
- ✓ **Environment** Well established mining province, new projects being permitted and mined



Rail in North Sweden



Grid power near projects



Kiruna iron mine

Next Steps in 2012

- ▶ Re-sample historic drill core for more detailed graphite characterisation and metallurgy - *DONE*
- ▶ Complete diligence and TCL Sweden Ltd acquisition - *ADVANCED*
- ▶ July - commence phase 1 (summer) drilling to uplift JORC Code/NI43-101 status of exploration targets and inferred resources - *PERMITS UNDERWAY*
- ▶ Q4 - Complete new resource statements and commence preliminary economic studies based on phase 1 drill results and metallurgy
- ▶ Throughout year release samples to potential customers, strategic and off-take partners

Summer Drilling in Sweden



Winter Drilling in Sweden

Graphite Deposit Peer Comparison

Published “N43-101 and/or JORC Code” Mineral Resources

Company	Deposit	Million Tonnes	Grade %C	Cut-off %C	SG	Contained Tonnes C	Market Cap US\$M
Northern Graphite Corp.	Bisset Creek	81.0	1.7	1	2.63	1,377,000	100-110
Focus Metals Inc	Lac Knife	7.9	15.7	5	2.87	1,240,300	75-90
Talga Gold Ltd*	Nunasvaara	3.6	23.0	5	2.40	828,000	17-20
Flinders Resources Ltd**	Kringel	6.9	8.8	7	2.70	607,200	90-100
Strategic/Mega	Uley	6.6	8.7	3.8	unpub.	574,200	16-18

Notes

Deposit data from each company’s last published JORC Code and/or N43-101 Mineral Resource estimates up to 1 March, 2012 and excluding resources without drilling.

**Flinders Resources included as relevant due to advanced stage, formality of converting to N43-101 and Sweden location, but note Kringel is total of 4 separate deposits

*Talga has additional JORC Code compliant Inferred Mineral Resource at Raitajarvi of **0.5Mt @ 10.8%C** and additional Exploration Target inventory **11.6-38.8Mt @ 3.4-40.9% C** to nominal 50m depth and open, across adjacent projects based on diamond drill core sampling and geophysical results.

TLG recognition growing

- ▶ Graphite market commentary and equities research discovering Talga owns 2 of the few JORC/NI43-101 defined graphite deposits worldwide, including the highest grade of In-situ graphite in world
- ▶ Independent research tracking 36 companies and 98 projects identify Talga projects being *Top Tier* and amongst 4 most advanced graphite projects worldwide (Industrial Alliance Securities Inc. 1st May, 2012)
- ▶ 2 of the 4 most advanced projects are located in Sweden

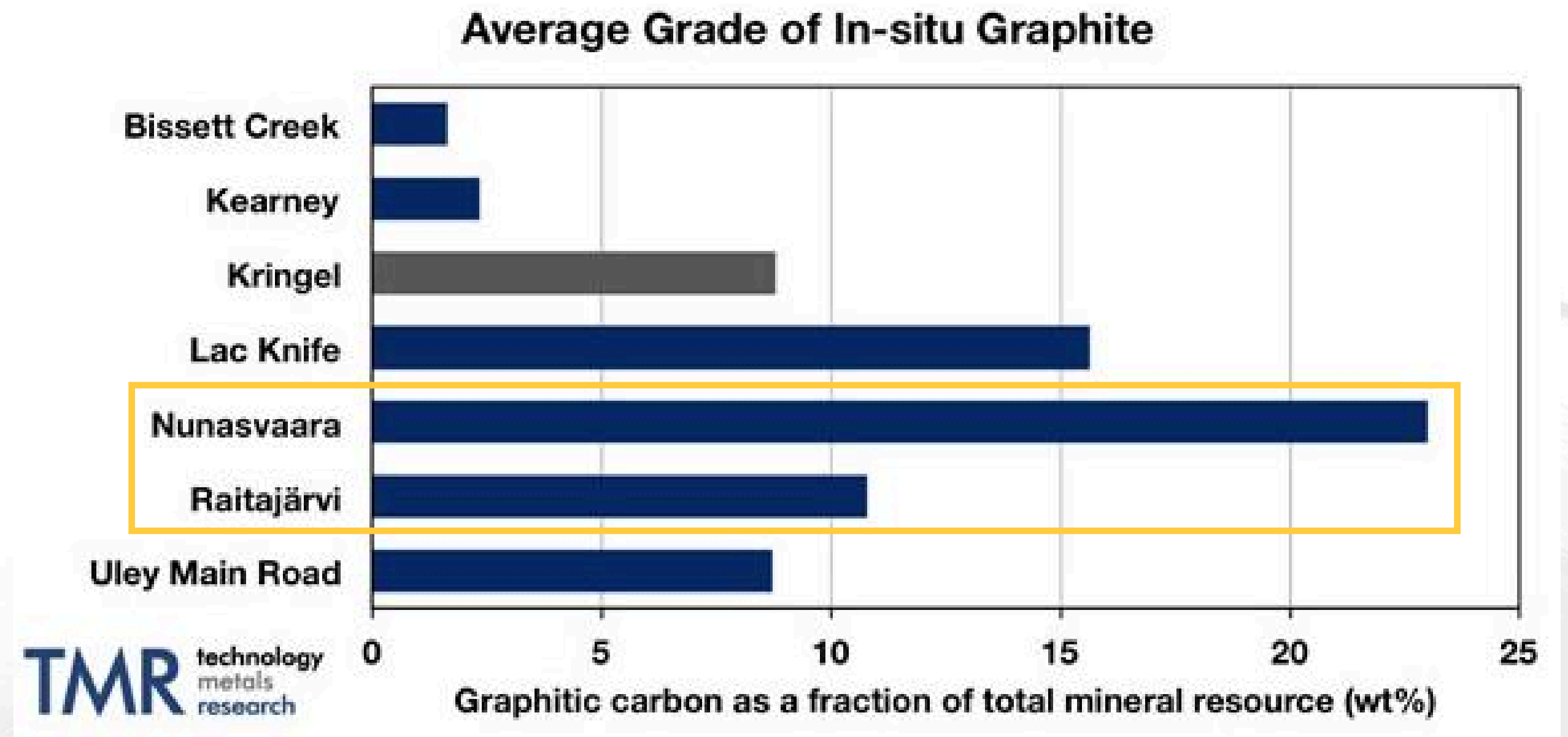
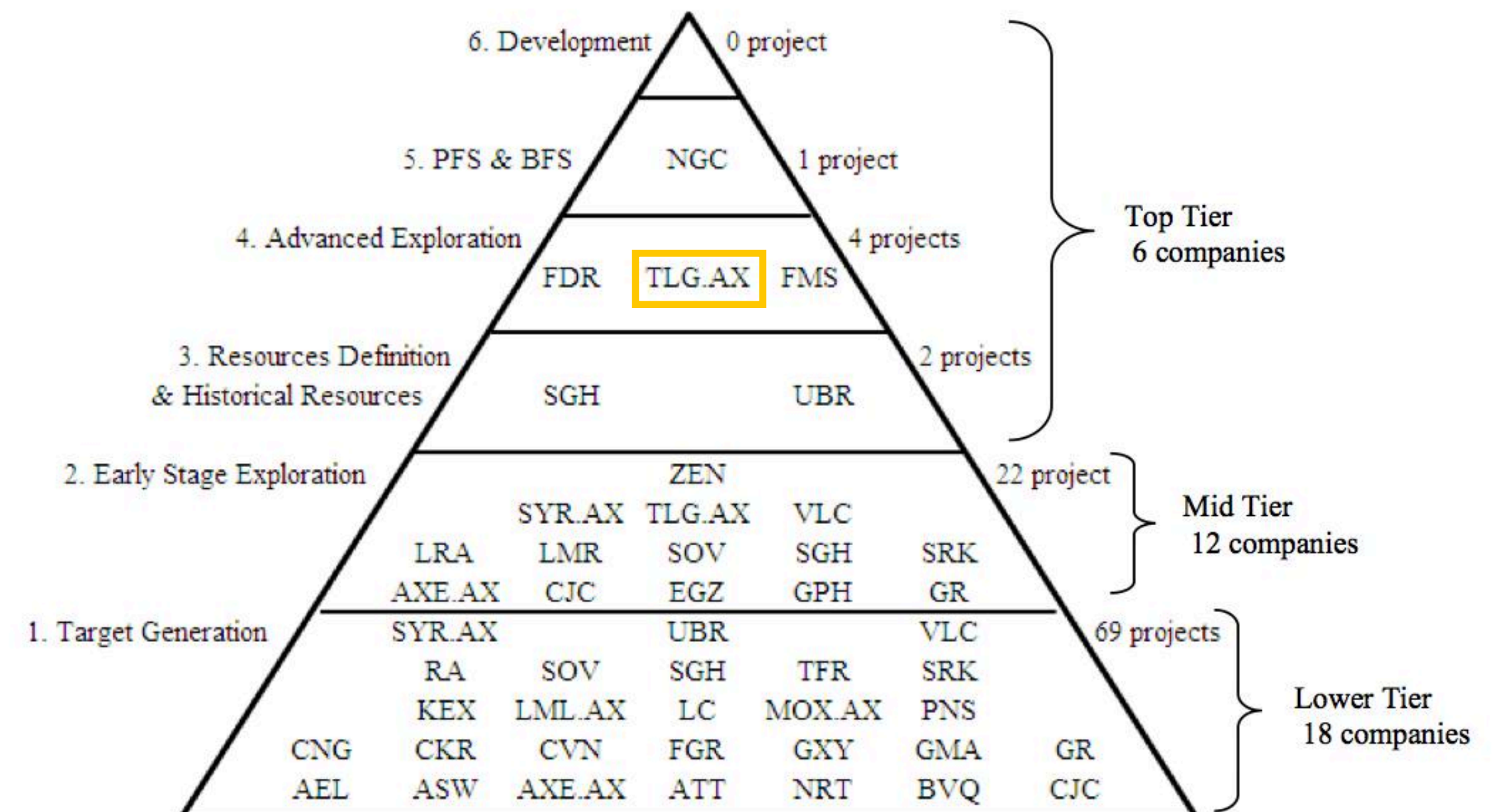


Figure 19: Stages of exploration by company – as of May 1st, 2012



Note: Several companies appear in multiple categories as they have several projects in different stages.
Source: IAS

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Thank You

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ASX:TLG



Appendices



Appendix 1. Nunasvaara - Historic Drill hole Intercepts where >20% C over at least 25m downhole

Hole ID	Northing RT90	Easting RT90	Azimuth (True N)	Decl.	From (m)	To (m)	Interval (m)	Graphite %C
4542	7523683	1736019	65	62	47.00	97.20	50.20	24
4545	7523808	1736103	265	44	79.10	123.05	43.95	22
4434	7523538	1736070	61	60	72.50	113.00	40.50	25.3
4431	7523647	1736048	66	63	35.00	75.00	40.00	31.9
4427	7523461	1736134	60	46	40.55	71.55	31.00	22
4430	7523647	1736049	66	46	28.00	56.80	28.80	28.5
4425	7523311	1736269	64	47	22.00	50.00	28.00	21.3
4428	7523461	1736133	58	62	49.00	76.50	27.50	26.2
4429	7523538	1736072	63	46	63.00	89.00	26.00	24.6

- Drilling conducted by Swedish Geological Survey (“SGU”) and the state owned mining company Luossavaara-Kiirunavaara AB (“LKAB”).

- Analysis was completed on all mineralised drill intervals at standard two metre or in some cases <2 metre sections of core by the SSAB laboratory in Luleå (Graphite Carbon by Leco/IR detector) and the LKAB laboratory in Malmberget (sulphur and multi-elements by ICP acid digest).

- Mineralised intercepts are calculated using >2.5% C cutoff and are plotted on sections where interval >3m.

*Drill holes selected where graphite grade >20% C over at least 25m downhole interval.

Appendix 2. Raitajärvi - Historic graphite flake size measurements from 87 samples observed

Sampled Profile	<0.1mm (-140 mesh)	0.1-0.2mm (140 to 80 mesh)	0.2-0.4mm (80 to 40 mesh)	>0.4mm (+40 mesh)
3605N	10%	40%	50%	0%
2905N	10%	40%	50%	0%
2310N	10%	40%	50%	0%
2080N	20%	40%	30%	10%
1880N	20%	50%	30%	0%
1800N	10%	60%	30%	0%
1775N	10%	30%	40%	20%
1750N	10%	30%	40%	20%
1725N	10%	20%	40%	30%
1705N	20%	30%	30%	20%
1660N	10%	50%	30%	10%
1630N	20%	20%	40%	20%
1600N	10%	50%	30%	10%
Weighted Ave.	13%	38%	38%	11%

Appendices

Appendix 3

Talga Gold Ltd Resource Estimation Methodology.

Nunasvaara Graphite Deposit: Inferred JORC compliant Resource.

Drill hole data used in the Nunasvaara Graphite Resource estimate comprised a total of 17 diamond holes for 1,677.2 metres drilled along the entire strike length of the deposit (700 metres). Drill hole sections were at 50-100m spacing with single hole or variably inclined fans completed on each section. A number of costeans were excavated along surface expression of the graphite outcrop and systematically sampled at 1m intervals. Analysis was completed on all mineralised drill intervals at standard two metre or in some cases <2 metre sections of core by the LKAB laboratory in Malmberget (sulphur and multi-elements) or SSAB laboratory in Luleå (Carbon Leco/IR detector). A local grid was established for drilling using government surveyors assisted by theodolite surveying equipment giving an estimated location error of approximately 1m. A bulk density of 2.40g/cm³ and lower cut off 5% C was applied to all historical measurements while maximum vertical depth of 110 metres from surface was used. Interpretation on section was completed with the outlines wireframed together to form coherent validated shapes. The grade estimation methods was ID2 of values lying within validated wireframes (solids) with only the numbers from the individual wireframes/solids used for the interpolation. Parent block sizes were set at 5m (x), 20m (y) and 5m (z), with the sub-cell size down to half of the parent cell size. The resource estimate has been classified based on data density, data quality, confidence in the geological interpretation and confidence in the estimation.

Raitajarvi Graphite Deposit: Inferred JORC compliant Resource

Drillhole data used in the Raitajarvi Graphite Resource estimate comprised a total of 13 diamond holes for 840 metres drilled along the entire strike length of the deposit (320 metres). Drill hole section spacing was at 20 - 80 metre centres with holes spaced approximately 15 - 50 metres apart on each section. Analysis was completed on all mineralised drill core intervals as composite 0.6m to 3.2m half core by the Minpro AB laboratory in Storå (Carbon and sulphur - Leco/IR detector) or SGAB Analys laboratory in Luleå (ICP Fire Assay Au, Ag, Pt, Pd). A local grid was established for drilling using government surveyors assisted by theodolite surveying equipment giving an estimated location error of approximately 1m. A bulk density of 2.40g/cm³ and lower cut off 5% C was applied to all historical measurements while maximum vertical depth of 70 metres from surface was used. Interpretation on section was completed with the outlines wireframed together to form coherent validated shapes. The grade estimation methods was ID2 of values lying within validated wireframes (solids) with only the numbers from the individual wireframes/solids used for the interpolation. Parent block sizes were set at 5m (x), 20m (y) and 5m (z), with the sub-cell size down to half of the parent cell size. The resource estimate has been classified based on data density, data quality, confidence in the geological interpretation and confidence in the estimation.

Appendix 4

TCL Sweden Ltd Option

Talga Gold Limited (“Talga” or “the Company”) has entered an option agreement to purchase TCL Sweden Ltd (“TCL”), a 100% subsidiary of Teck Resources Limited (“Teck”). TCL contains assets including iron, graphite and iron oxide copper-gold (“IOCG”) projects in northern Sweden. Talga has paid US\$45,000 for the option until 30 June 2012, to purchase 100% of TCL for US\$433,500 and a 1% Net Smelter Royalty (“NSR”). An underlying 2% NSR is due to prior owner Phelps Dodge upon production.



References & Qualified Persons



References & Mineral Resource Qualification

1 The JORC Code compliant Exploration Targets are not to be construed as JORC Code compliant Mineral Resources. The JORC Code compliant Exploration Targets are based on historic diamond drill testing, airborne and ground geophysics, trench and bulk sampling conducted by the Geological Survey of Sweden and associated state companies that pre-date the creation of the JORC Code and so the potential quantity and grade of the Exploration Targets must be considered conceptual in nature. There has been insufficient exploration to define a JORC Code Mineral Resource and it is uncertain if further exploration, metallurgy and interpretation will result in the determination of a JORC Code Mineral Resource.

2 Source: "Comment; Graphite - Red Alert" Industrial Minerals Magazine 14 February 2012.

Competent Persons Statements for Exploration Targets and Mineral Resources

The information in this report that relates to Exploration Results is based on information compiled and reviewed by Mr Dylan Jeffriess who is a member of the Australian Institute of Geoscientists. Mr Jeffriess is a consultant to the Company and has sufficient experience which is relevant to the activity to which he is undertaking to qualify as a "Competent Person" as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("JORC Code"). Mr Jeffriess consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to Resource estimation is based on information compiled and reviewed by Mr Simon Coxhell. Mr Coxhell is a consultant to the Company and a member of the Australian Institute of Mining and Metallurgy. Mr Coxhell has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this document and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("JORC Code"). Mr Coxhell consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.