

*Cover picture; Outcropping graphite at Nunasvaara.



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Executive Summary

TALGA

- Talga Resources Ltd ("Talga") is a **mineral exploration** & **development** company listed on the Australian Stock Exchange ("ASX") since July 2010.
- The Company wholly owns multiple graphite, iron ore and copper/gold projects in Sweden gained through the acquisition of a Teck Resources subsidiary in 2012, as well as Australian gold assets owned since listing.
- Talga's **graphite deposits** include the world's **highest grade JORC resource** of **7.6Mt at 24.4% graphite "Cg"** at Nunasvaara, plus a **coarse flake graphite JORC resource** of **4.3Mt at 7.1% Cg** at Raitajärvi. An additional **117-178Mt at 17-23% Cg** in JORC compliant exploration targets¹ provides further scope for increasing resources if required.
- Placement and board changes complete. Entitlement Offer fully under-written and soon to close (16th October).
- Funds to enable material catalysts, including economic studies on two graphite projects and further finance expected from divestment of gold and iron projects.



Corporate Overview



Board of Directors					
Keith Coughlan*	Non-executive Chairman	Perth			
Mark Thompson	Managing Director	Perth			
Piers Lewis	Non-executive Director	Perth			

^{*} Appointed 26 Sept 2013



Capitalisation Summary	
Ordinary Shares ASX:TLG	63.6M
Unlisted Options ¹	3.75M
Cash at end of June 2013	\$0.6M
Debt	\$0.0M
Market Capitalisation @ \$0.05	\$3.4M

Top Shareholders (+3%) at 20 September 2013				
Lateral Minerals Pty Ltd (Mark Thompson)	14.3%			
Yandal Investments Pty Ltd	4.2%			
Kin Chun Wong	4.1%			
United Overseas Service Management Ltd	4.0%			
Hereford Group Ltd	3.3%			

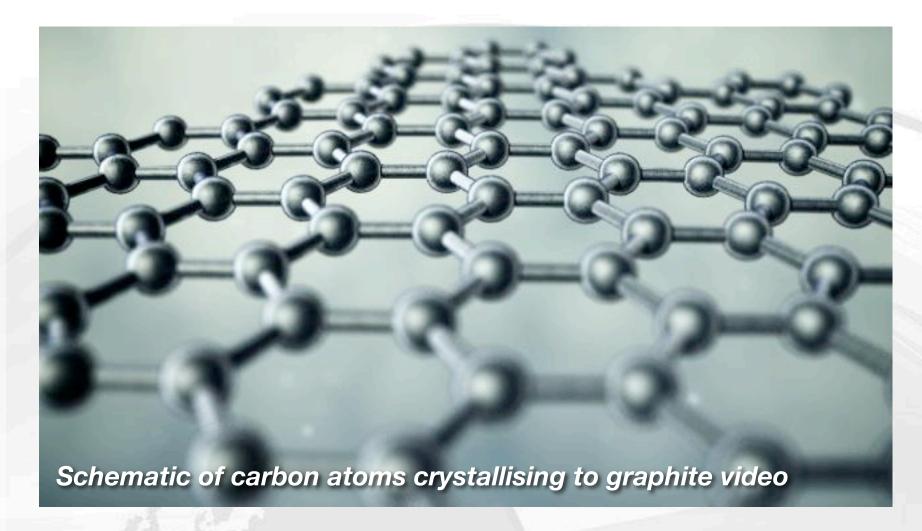
Top 20 own 53.2%

¹ 2.75m @ 40c director exp 30.11.2014, 0.5m @ 35c employee exp 21.7.2015, 0.5m @ 45c employee exp 3.10.2016

What is Graphite?



- Graphite is a shiny grey mineral that can occur in **nature** when **carbon** in rocks becomes **crystalline**.
- Graphite consists of parallel sheets of carbon atoms in a hexagonal array and requires considerable pressure and temperature to form. A single sheet is called graphene.
- Graphite has unique properties including very high thermal and electrical conductivity.
- Graphite is used in thousands of applications and products with major consumption by the steel and manufacturing industries.
- Graphite is finding new markets from new uses in products as diverse as insulation panels and battery/energy technologies.

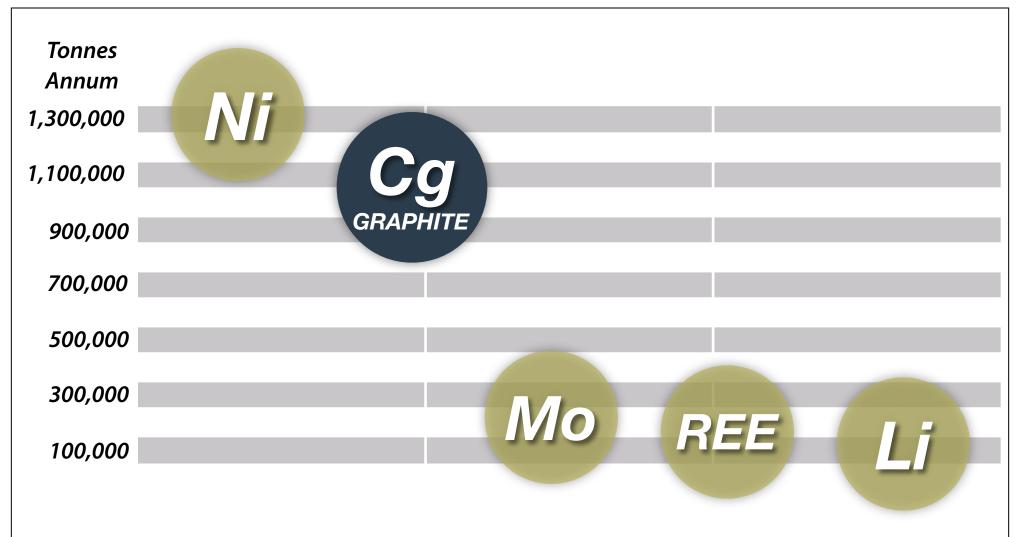




Natural graphite market

- Natural graphite market (1.0Mt/yr) worth US\$1B/yr with main consumption in steel and refractories, batteries, automotive parts and lubricants.
- Annual **consumption** is split approximately **45**% for microcrystalline flake (particle size <75 micron; also called **amorphous** in the trade) and **55**% for macrocrystalline flake (>75 micron size, also generically called just **flake**).
- Graphite is most commonly sold as a concentrate by private contract and therefore prices are not transparent. Industry prices are surveyed and published by **Industrial Minerals** magazine.
- Graphite price is determined by particle (flake) size, carbon content (purity) and in some products; shape. Most natural graphite is sold to traders who upsell to refiners/purifiers, polishers and shapers before it is retailed to end user.
- ▶ Historical graphite market growth related to diverse industrial demand of 3-5% annum; new markets growing 7-10% annum.

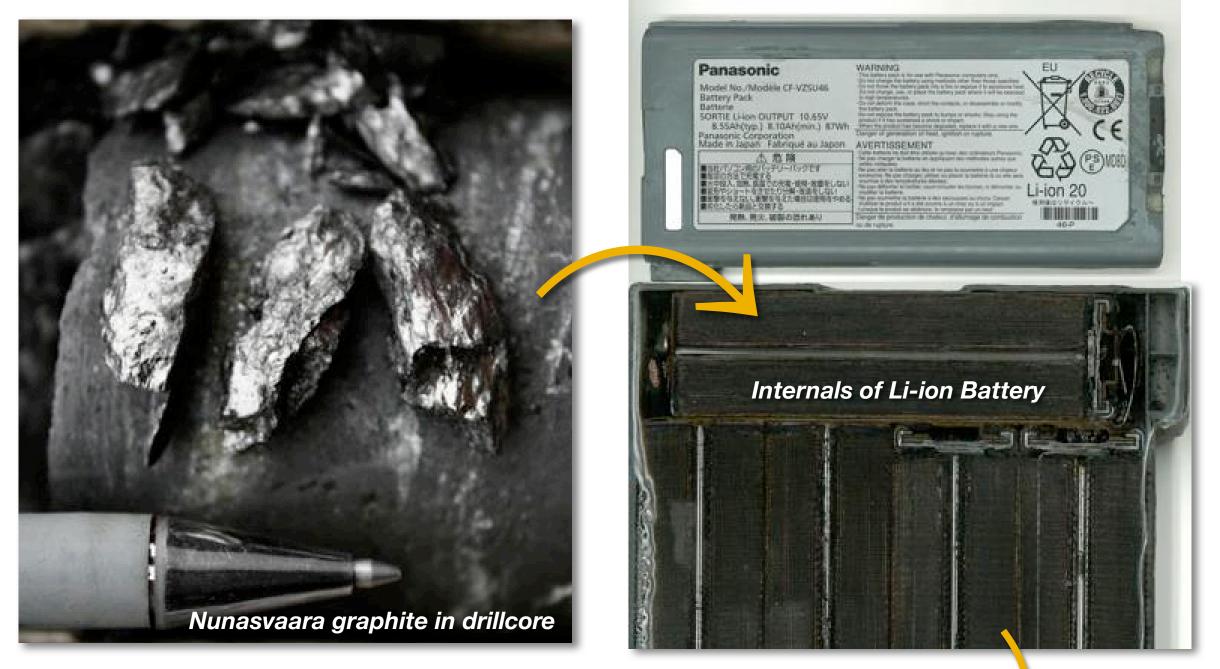
Volume Comparison of Natural Graphite Market

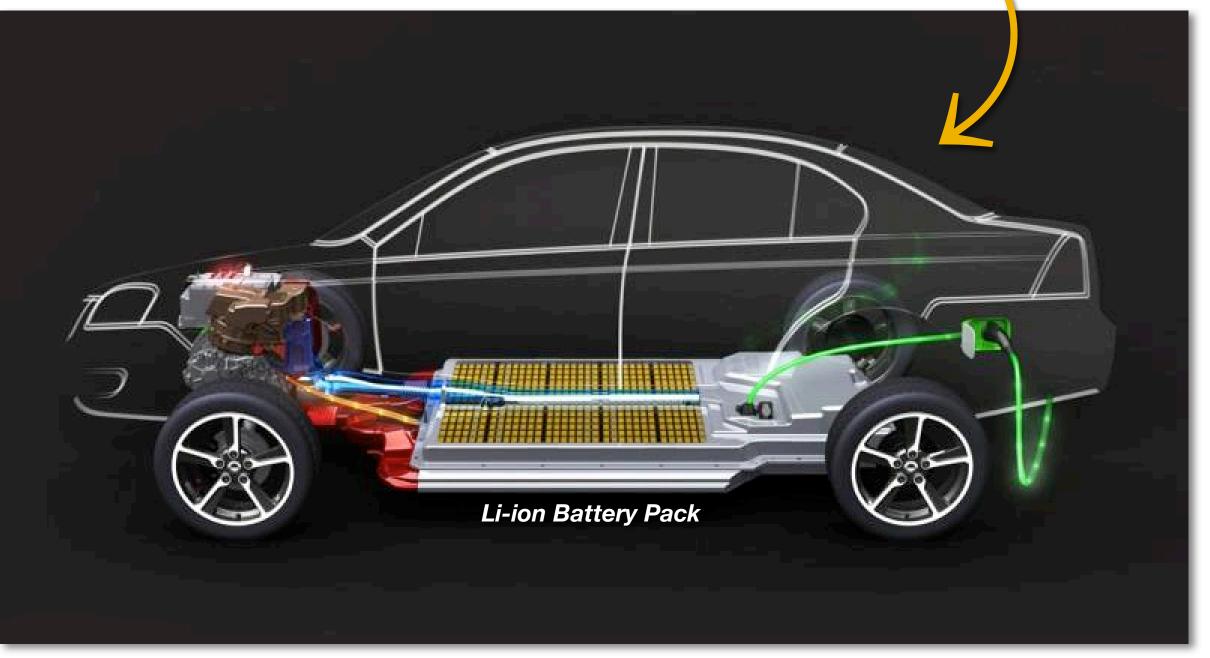




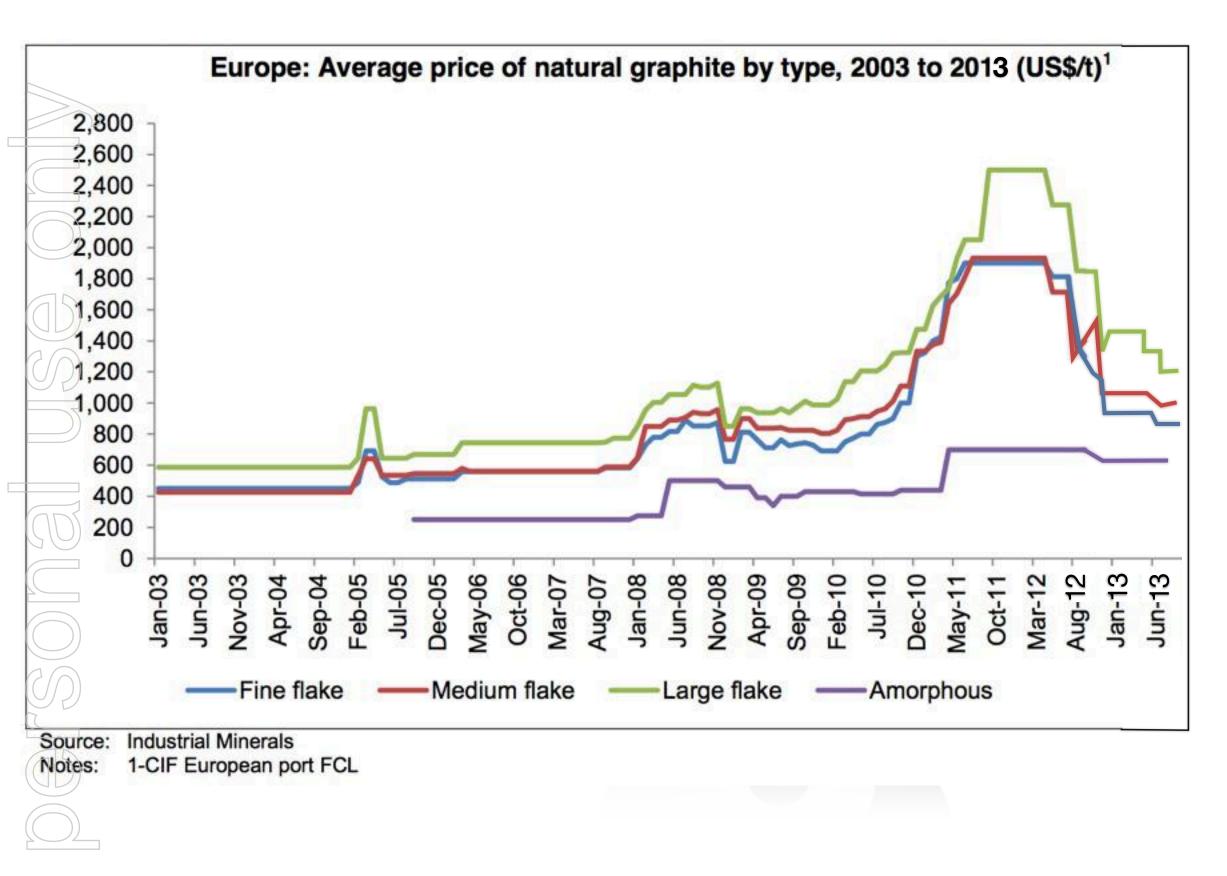
New Demand Driver

- Graphite is a significant component of many types of battery, particularly Li-ion.
- Battery grade graphite is currently made by shaping and treating large flake graphite.
- Commonly there is 10x more graphite than lithium in a Li-ion battery anode.
- Rapid growth; global graphite-rich anode materials market US\$500M (2012), up from US\$375M (2011)*.
- Electric vehicles currently use 10kg to 90+kg graphite per vehicle in batteries alone.
- Increased mobility of energy, storage devices, graphene and other new technologies offer a carbon age that is expected to impact positively on future demand for natural graphite.

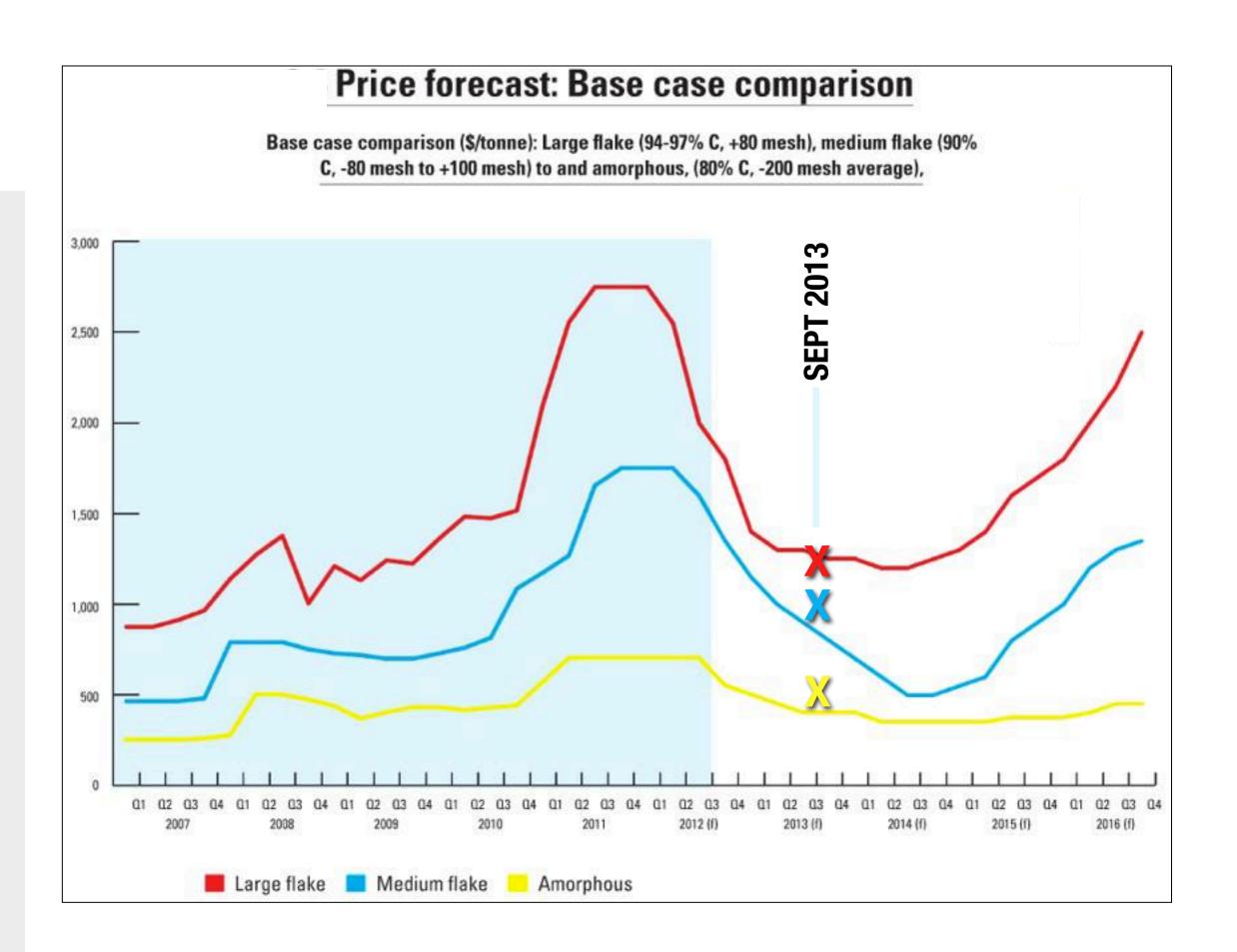




Graphite Price Trending Above Historic Levels

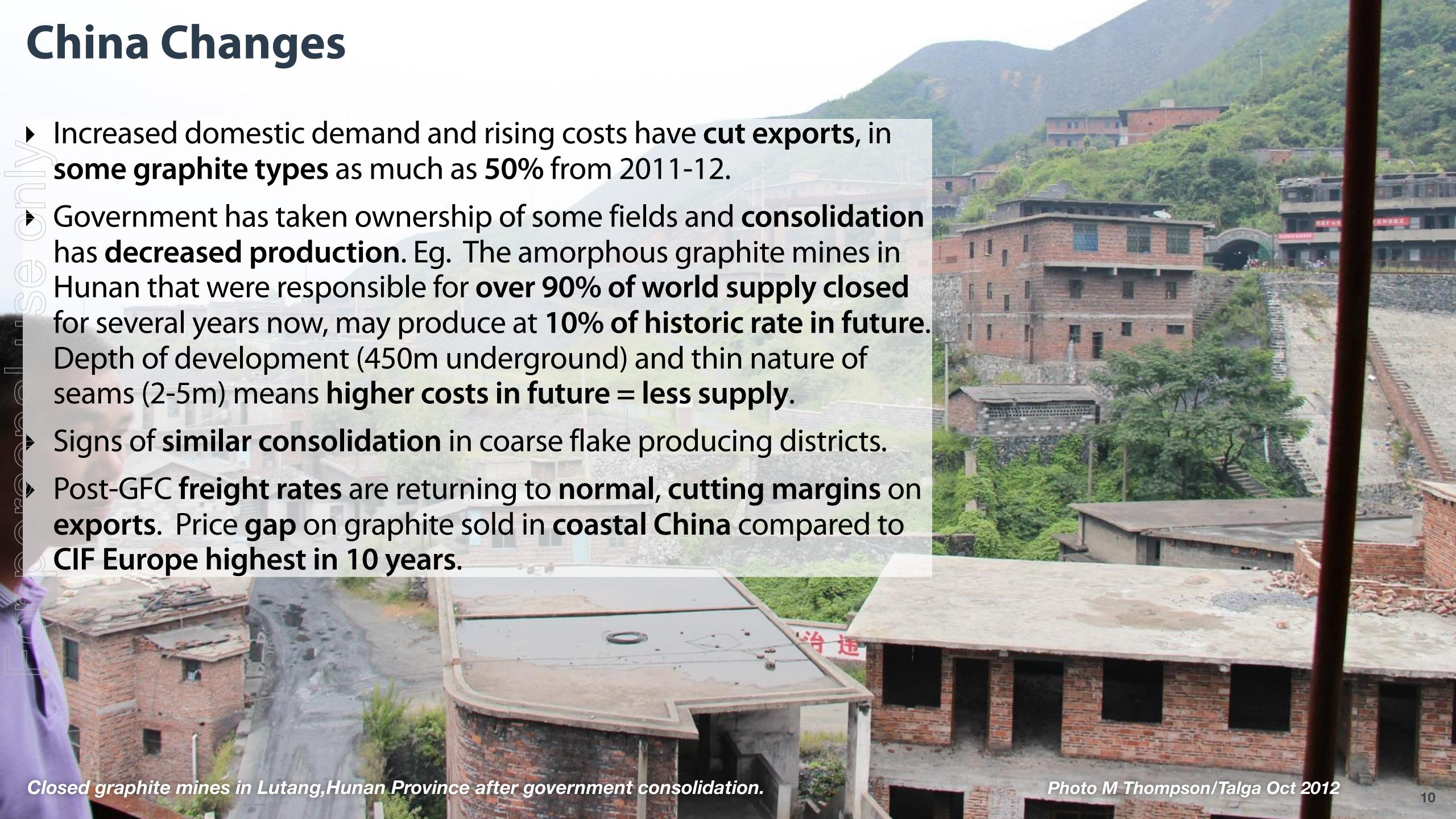


After record prices in 2011-12 prices for all graphite types declined but stabilised far above long term historical levels. Note that price falls and trends are correlated but not all graphite types declined at the same rate due to diversity of market segments and changes in supply from China.



Price forecast by *Industrial Minerals* shows expected trends intact but the **larger volume market types** have traded **above expected** levels since forecast in Dec 2012.



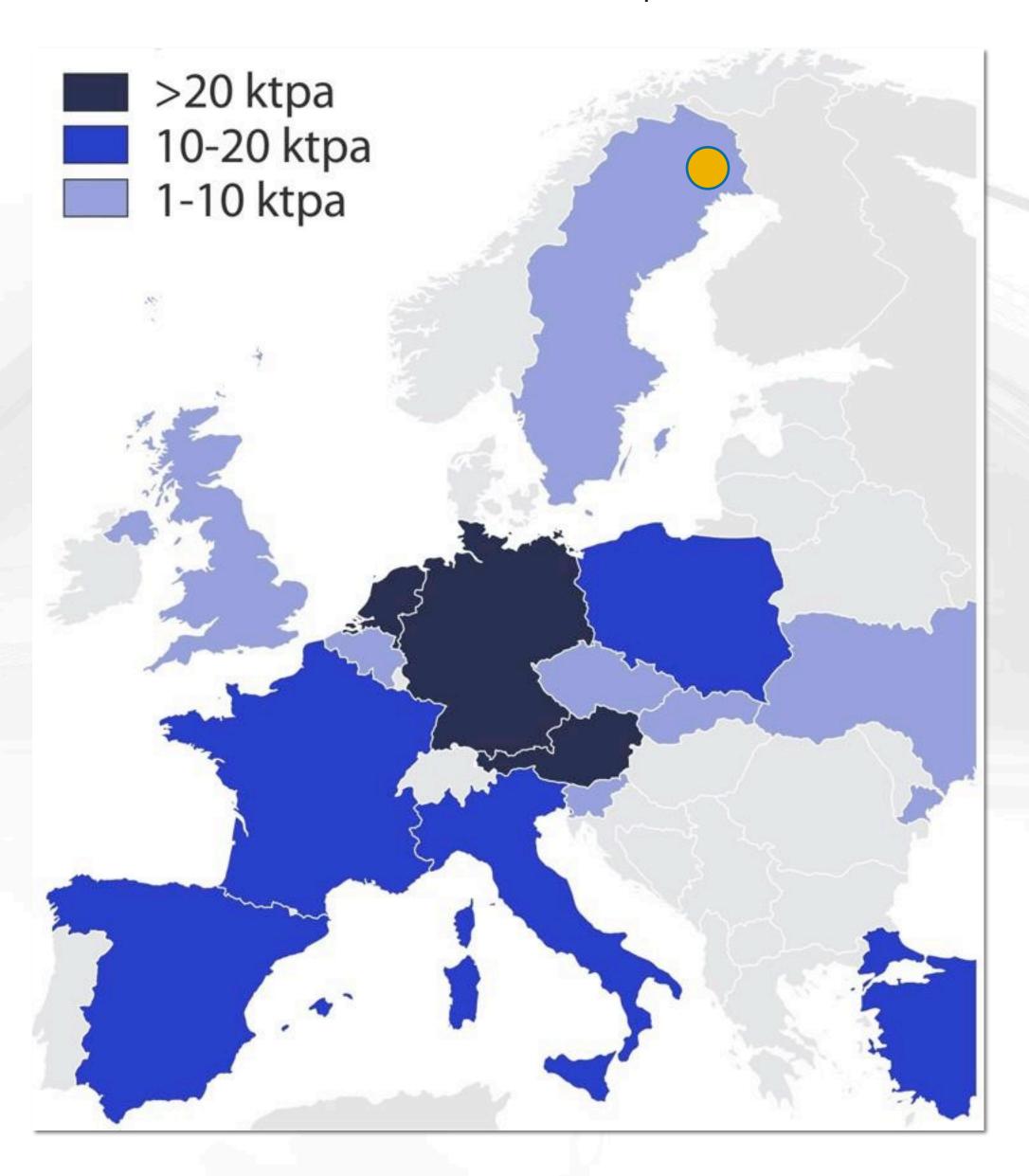


Sweden is Proximal to Major Graphite Markets

- EU consumes 20% of world's natural graphite production, and imports 95% of its needs (vast majority from China).
- EU has classified graphite as a "critical raw material".
- EU graphite consumers looking for new reliable supply outside of China.
- Sweden is **currently** a **major supplier** of iron ore, copper, gold and other **minerals** to the **EU markets** and is a **historic graphite producer**.
- Graphite deposits in Sweden can enjoy a distinct order/
 delivery time advantage compared to China and other jurisdictions.

Europe Natural Graphite Imports

(,000t/annum) Industrial Minerals 2012 Report Data Subset 1+2







Graphite projects located proximal to high quality sealed
 roads and open access heavy haulage railway.

Option to road/rail direct to major customers as Sweden links to mainland Europe markets.

Potential \$100-200/tonne **cost advantage** on delivered graphite compared to shipments from China or other jurisdictions.

Road and rail, Öresund Bridge/Tunnel linking Sweden to mainland Europe



Shipping Options

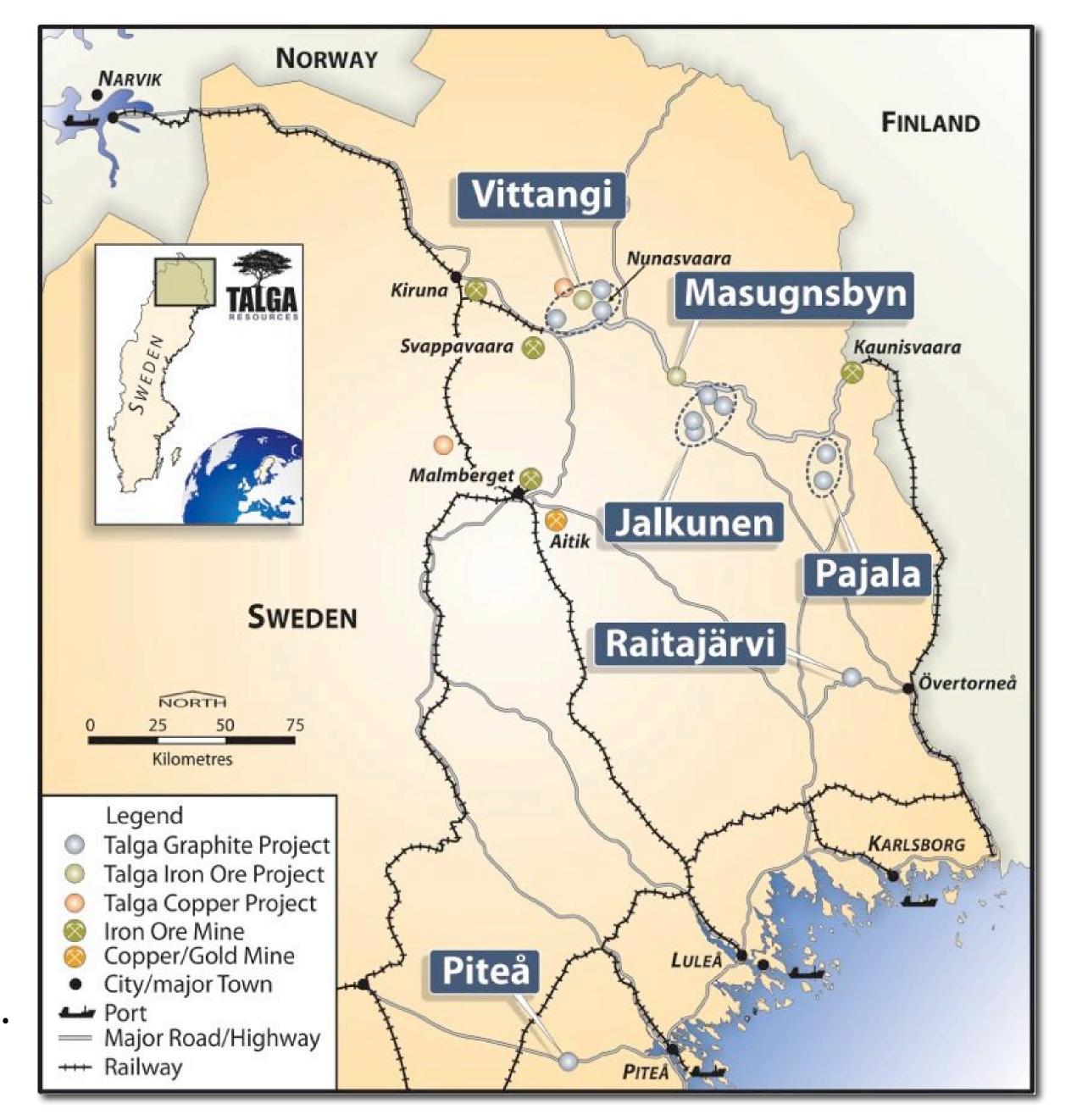
- ▶ Port of Luleå is the largest dry bulk handling port in Sweden.
- Current draught 11.8m with 30m fairway (up to Panamax).
- Deepening to 15.0m with 50m fairway in 2016.
- Currently exporting 9Mt annum including magnetite concentrates.
- Spare capacity; Quay length up to 770m currently available.
- All year access. MoU with Talga for graphite concentrate export of up to 80kt annum.





Talga's Swedish Graphite Projects

- 100% ownership of five graphite projects with multiple deposits offering a full range of market size specifications.
- Two advanced stage projects in the development pipeline. These are drilled to JORC Indicated status and preliminary economic studies are underway;
 - Nunasvaara is a microcrystalline flake deposit with the highest resource grade in the world. It is located within the Vittangi project.
 - Raitajärvi is a coarse flake deposit with 49% of flake
 classified large to jumbo size.
- Piteå is our third high priority project; At an earlier stage of drilling but exceptionally well located and contains predominantly XL-size (jumbo) flake graphite.

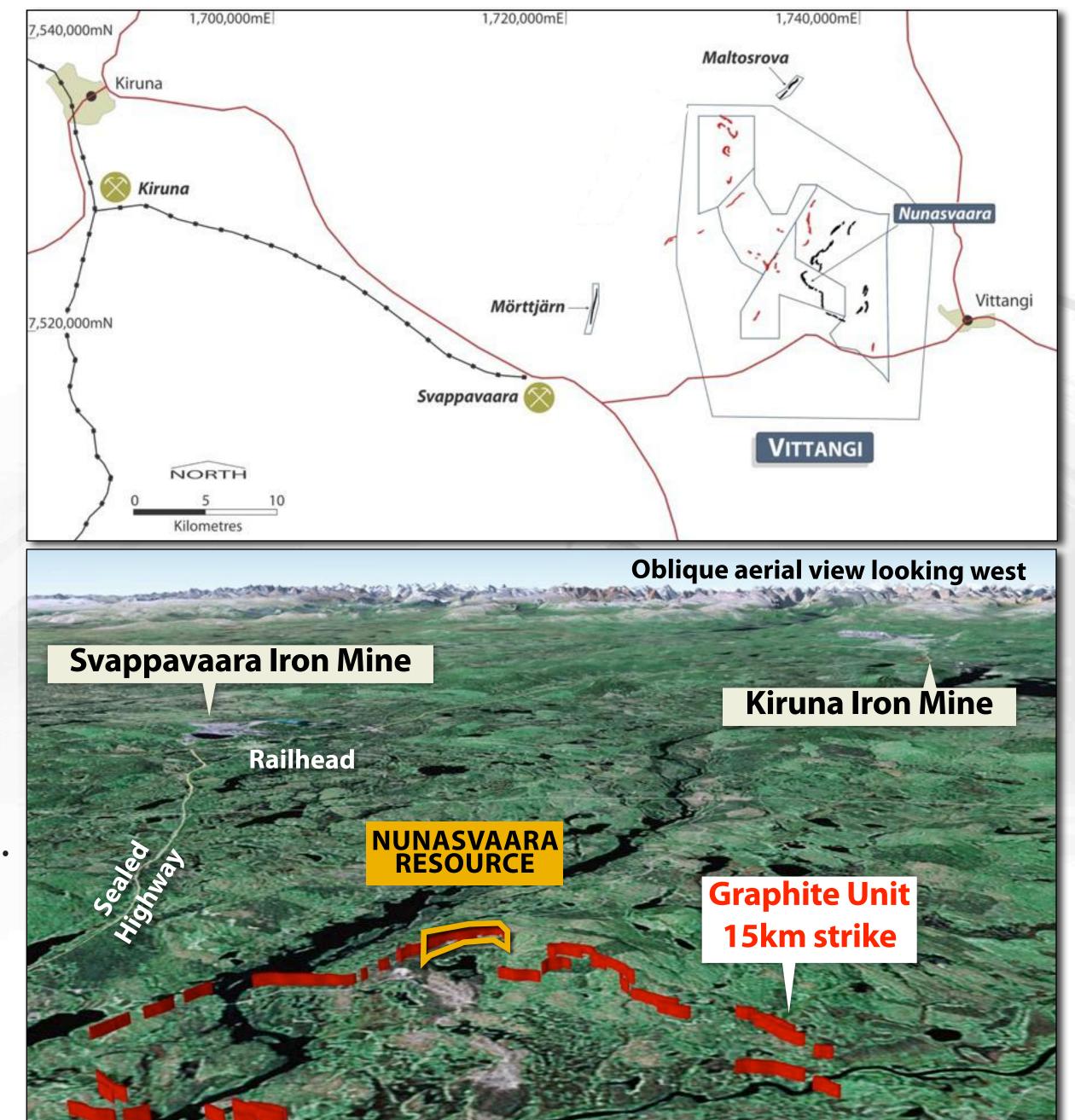


Vittangi Project (Nunasvaara)

- Located in Kiruna mining district of northern Sweden, discovered 1898 and declared a state mining field 1929.
- Seven exploration permits covering 313.7 km² contain multiple graphite deposits, the main focus being *Nunasvaara*.
- Ideal location provides favourable logistics:

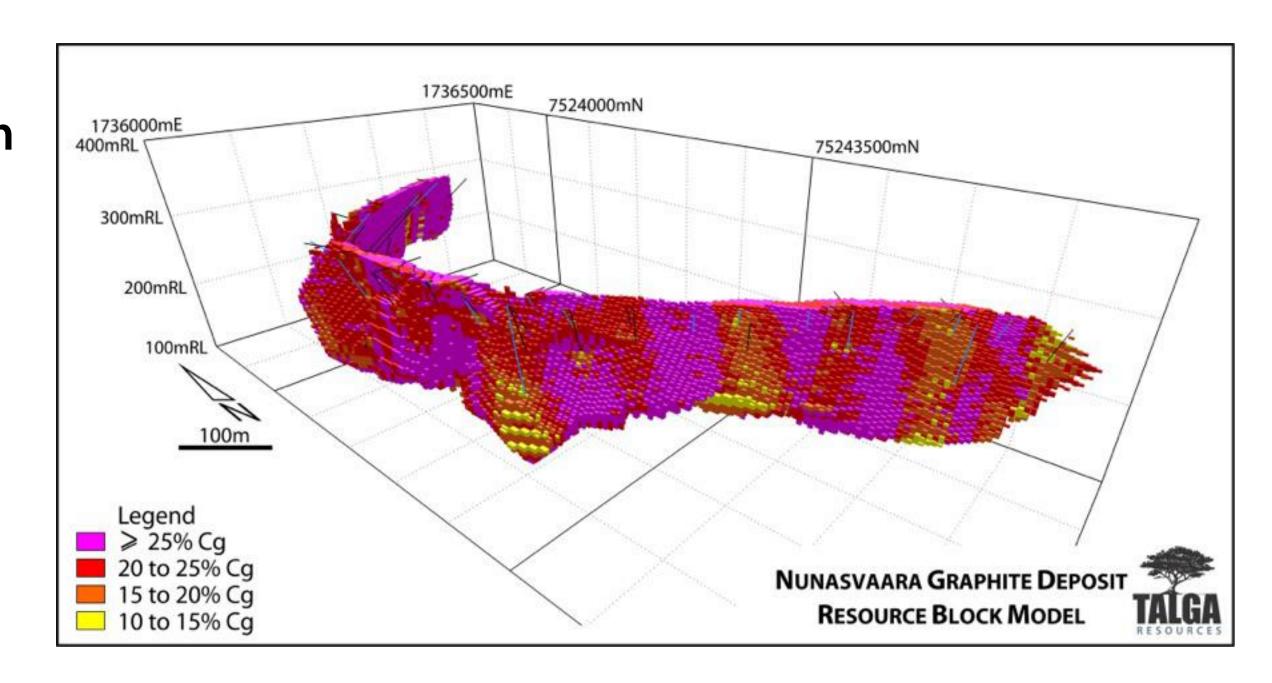
 3km to highway and grid power,

 15km to town, 23km to railway.
- Testwork by state-owned companies pre-1992 included geophysics, trenching and diamond drilling.
- Since 1992 privatisation of mineral sector the area was held by 'majors' exploring for copper-gold. No modern work on graphite potential prior to Talga drilling 19 diamond drill holes in July 2012.



Nunasvaara Graphite Deposit

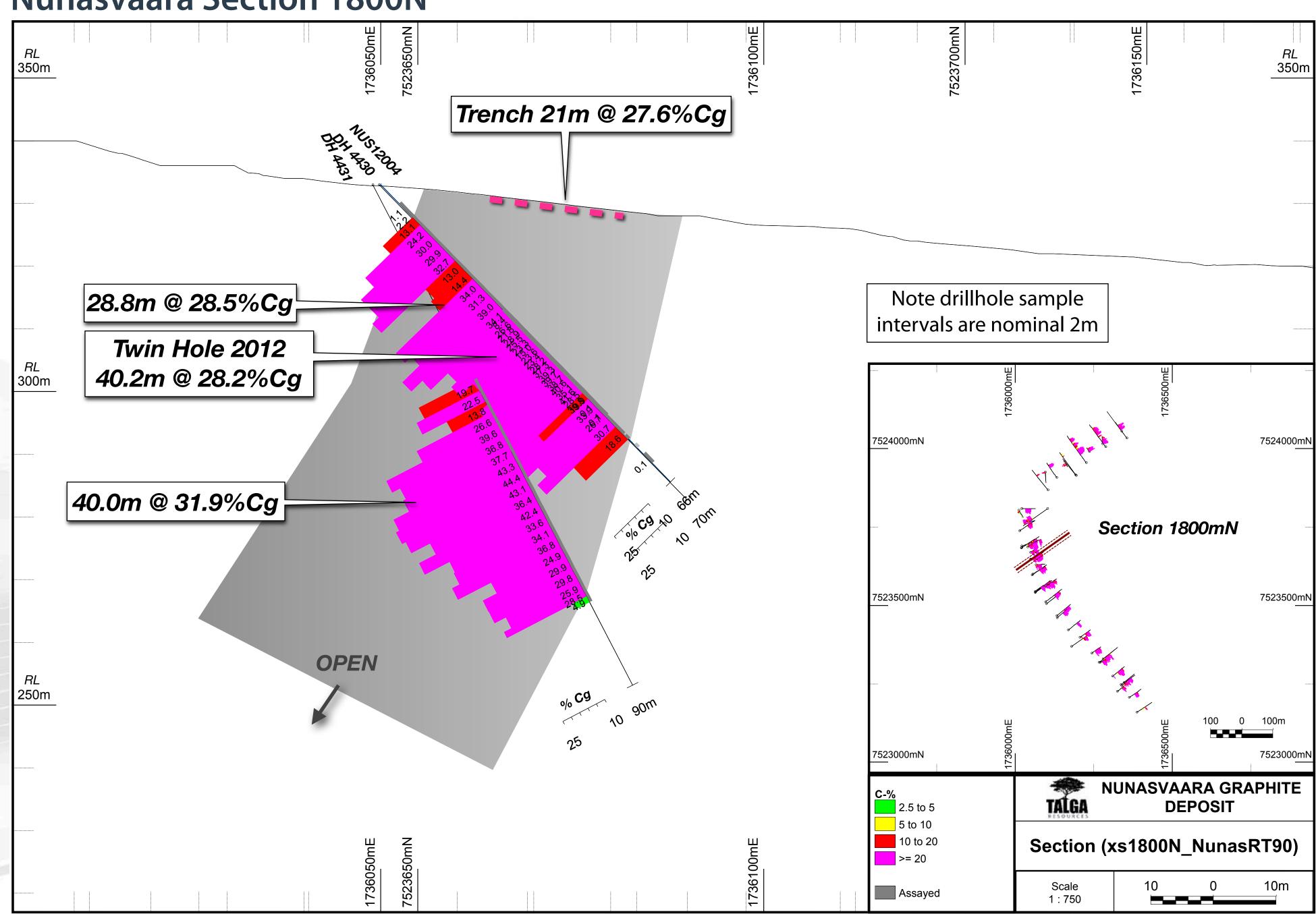
- Current total JORC resource 7.6Mt @ 24.4% Cg.
- Mineralisation commences at surface. Current strike 1.2km and open; average true width over strike 20m (range 10-50m). Drilled to 165m depth and remains open.
- Predominantly microcrystalline graphite for bulk volume industrial market. China exports have dropped, prices 60% above long term average.
- Open-pit bulk mining option, low-cost grid power and nearby road/rail/port options.
- Potential 10+ year mine life at 400ktpa milling rate to produce 50-70ktpa concentrate defined from first drill program.
- A scoping study has commenced, with first phase pit optimisation and mine scheduling work completed. Product specification studies, metallurgy and final economic inputs are pending. Results expected 13Q4/14Q1.



Nunasvaara Mineral Resource (10% Cg lower cut-off grade) Nov 2012

JORC	Tonnes	Grade	Contained
Classification	(Mt)	(%Cg)	Graphite (tonnes)
Indicated	5.6	24.6	1,377,600
Inferred	2.0	24.0	480,000
Total	7.6	24.4	1,857,600

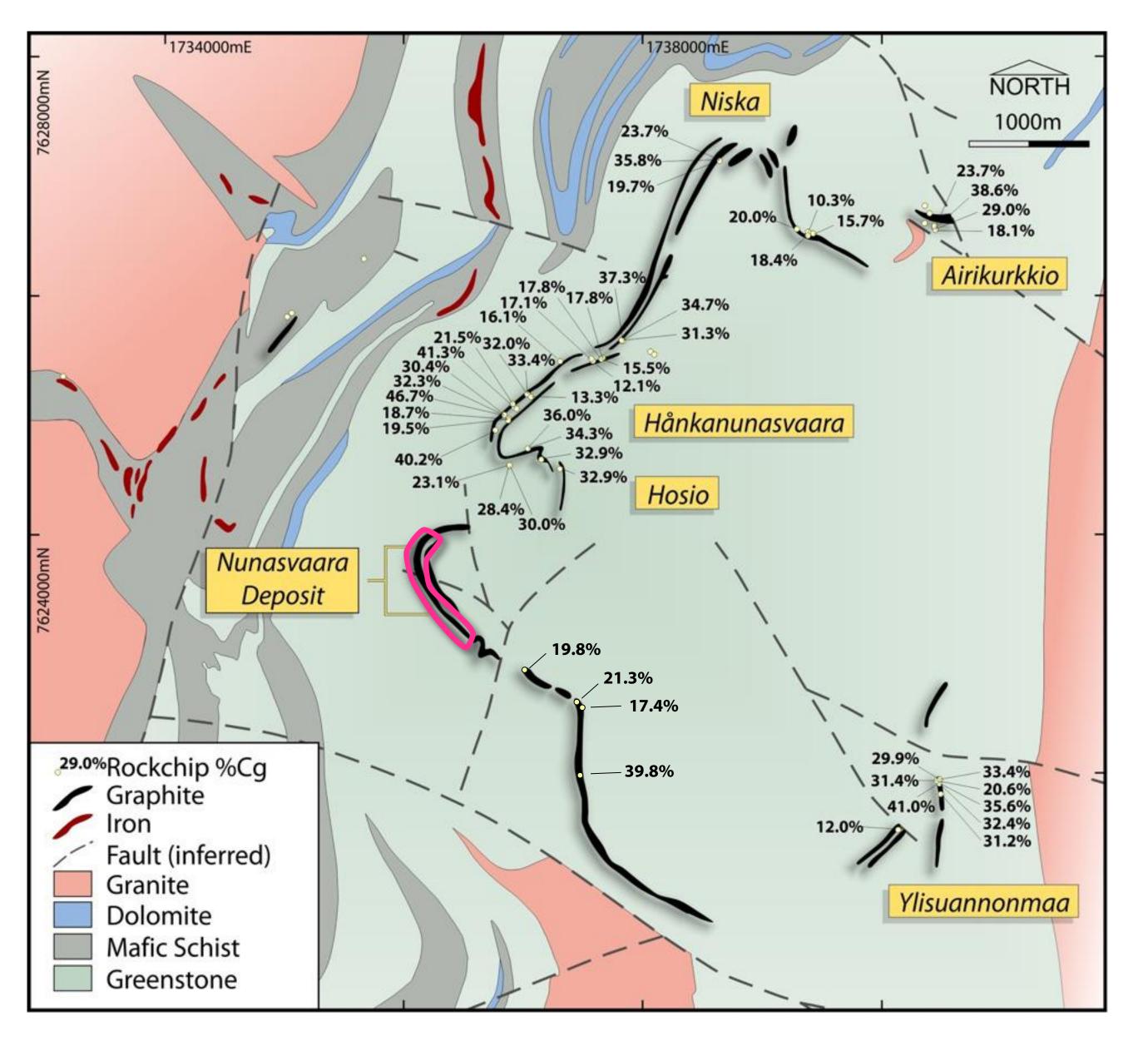
Nunasvaara Section 1800N



Nunasvaara growth potential

- Nunasvaara graphite unit extends over 15km strike. Talga rock chips average 26.2% Cg with grades up to 46.7% Cg.
- Less than 8% of graphite unit drill tested to date.
- Additional JORC Exploration Target¹ of 34-51Mt @ 20-25% Cg for 0-100m portion only defined along strike. Further satellite deposits exist nearby.

Project	Exploration Target ¹	Tonnage Range (Mt)	Grade Range (%Cg)
	Nunasvaara	34-51	20-25
Vittangi	Mörttjärn	10-16	15-20
	Maltosrova	2-3	20-30
Total 0-100m depth		46-70Mt	15-25%Cg

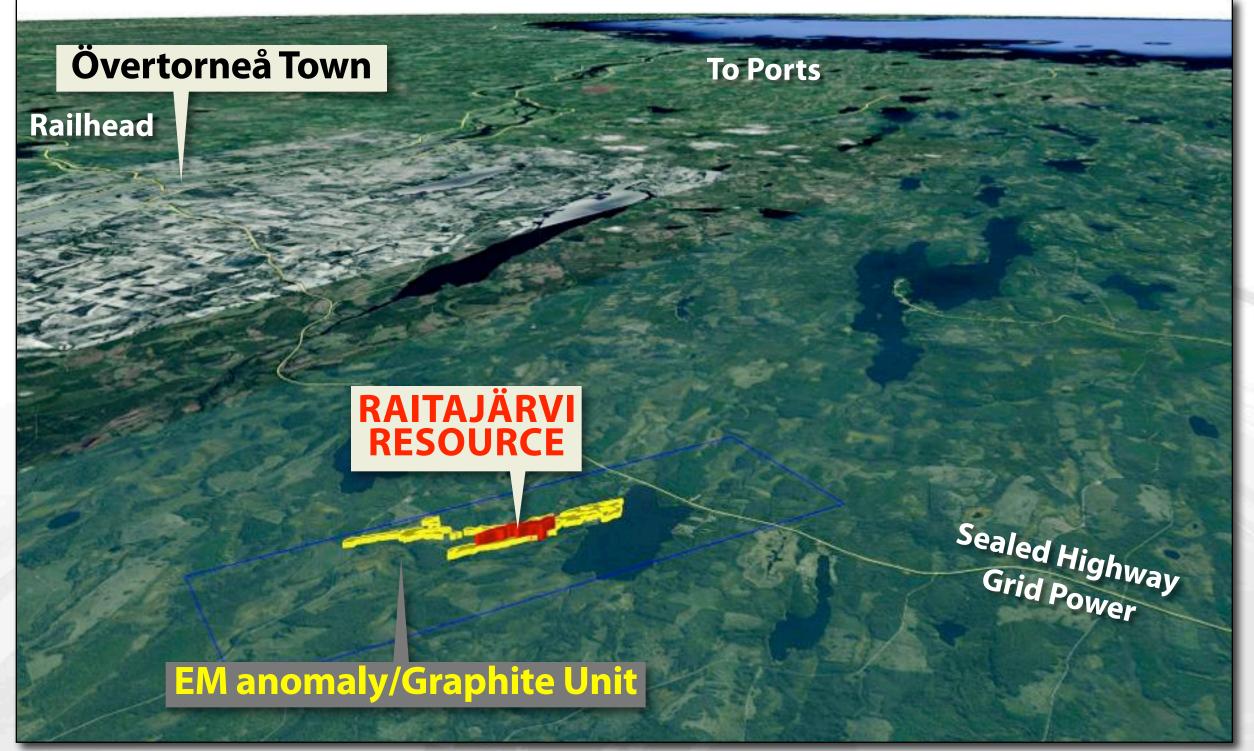


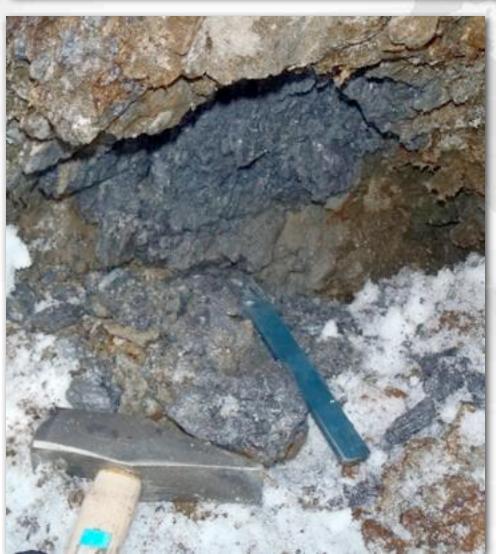
¹ Exploration Targets: The estimates of exploration target sizes in this announcement are in accordance with the guidelines of the JORC Code (2004) and should not be misunderstood or misconstrued as estimates of Mineral Resources. The potential quantity and quality of the exploration targets are conceptual in nature and there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Oblique aerial view looking southeast

Raitajärvi Graphite Project

- Advantageously located 2km from the Överkalix Övertorneå Highway and grid power, 25km to town
 and railway, 130km to port.
- Two exploration permits covering 17 km².
- Historically defined graphite deposit discovered 1974-78. SGU geophysics defined three large elongate conductors within a 6 x 1.5km area.
- Trenching and drilling revealed coarse flake graphite at surface, with potential for open-pit style development.
- Diamond drilling includes 20 historic holes for 1,242m by SGU and 28 Talga holes (2013) for 3,606m.
- Raitajärvi deposit has been designated an Area of National Interest for minerals by the SGU. The Designation affords protection, to the extent possible, against competing land use and measures that may hinder future potential mineral extraction.







Coarse flake graphite in surface trench

Road and grid power running through project

Raitajärvi Large Flake Deposit

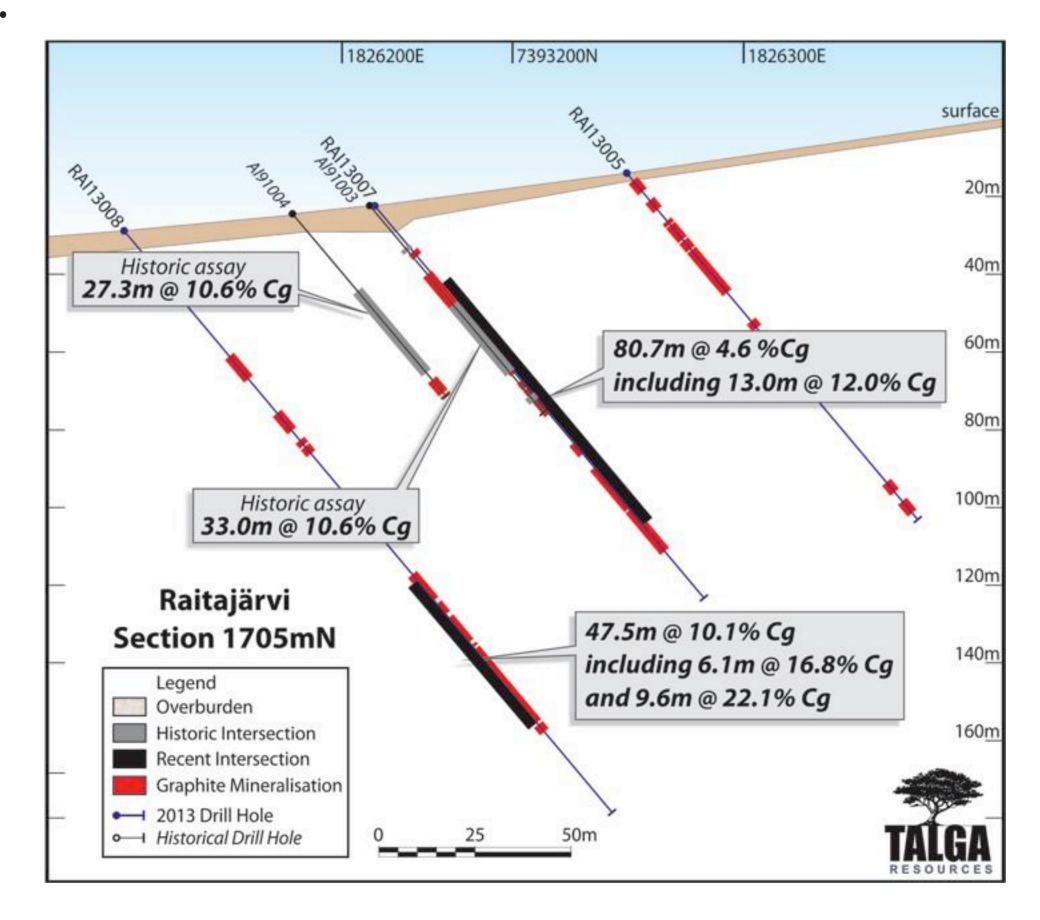
- Current total JORC resource of 4.3Mt @ 7.1% Cg.
- A high proportion of resource is coarse flake and at JORC Indicated status.
- 87% of graphite flake size >100 micron (" μ m") and 49% >200 μ m.
- Historic metallurgical tests produced excellent results with graphite concentrate grading 90-94% C from simple (unoptimised) flotation and 99% C in basic enrichment test.
- Potential 10+ year mine life at 400ktpa milling rate to produce 25ktpa coarse flake graphite concentrate. Scoping study planned to commence.
- Growth potential: Less than 25% of EM anomaly drill tested. See ASX:TLG release 4 Feb 2013 for more details.

Raitajärvi graphite flake size (historic drill sample microscopy, n=87)

Deposit	< 100µm	100-200μm	200-400μm	>400µm
Raitajärvi	13%	38%	38%	11%

Raitajärvi Mineral Resource (5% Cg lower cut-off) Aug 2013

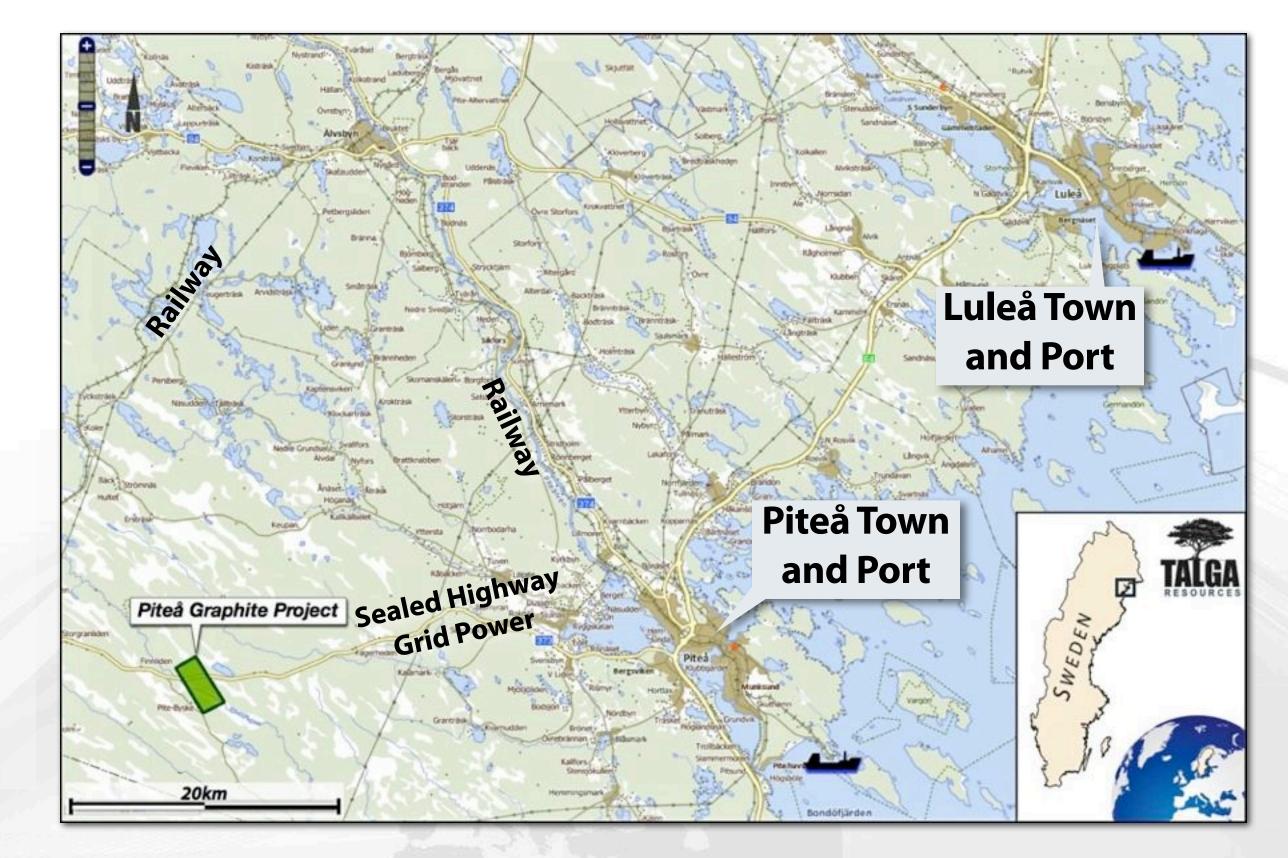
JORC	Tonnes	Grade	Contained
Classification	(Mt)	(%Cg)	Graphite (t)
Indicated	3.4	7.3	246,400
Inferred	0.9	6.4	60,900
Total	4.3	7.1	307,300

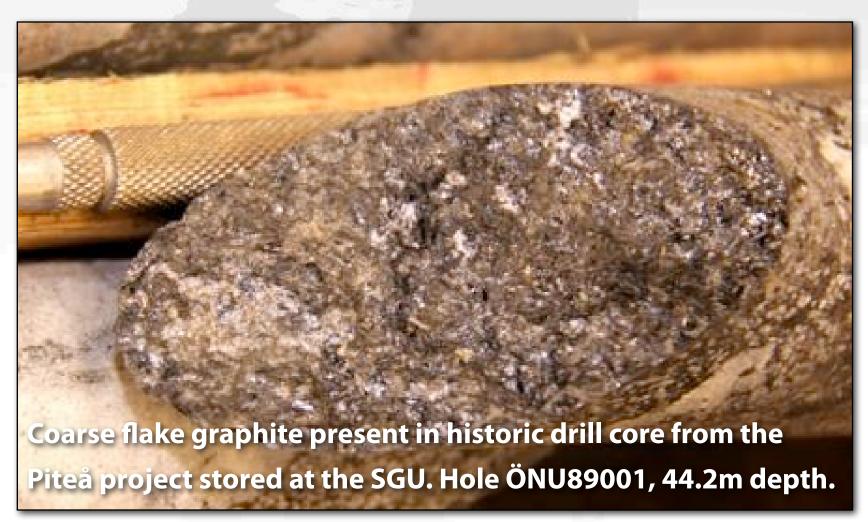


Piteå Jumbo Flake Project

- Located on sealed road **50km from port** of Piteå and adjacent to grid power.
- 3 historic drillholes targeting base metals intercepted coarse flake graphite within a 4 x 1km EM anomaly.
- 70-90% of flake graphite at Piteå exceeds 300 μm size ("jumbo").
- Such large flake graphite is premium product gaining higher prices.

Drill Sample	100-300	300-600	> 600
Dilli Sallipie	μm	μm	μm
<i>ÖNU89001</i> 27.2m	10%	50%	40%
<i>ÖNU89001</i> 44.2m	10%	70%	20%
<i>ÖNU89002</i> 53.6m	20%	70%	10%
ÖNU89002 103.0m	20%	70%	10%
Ö <i>NU89002</i> 107.6m	30%	60%	10%

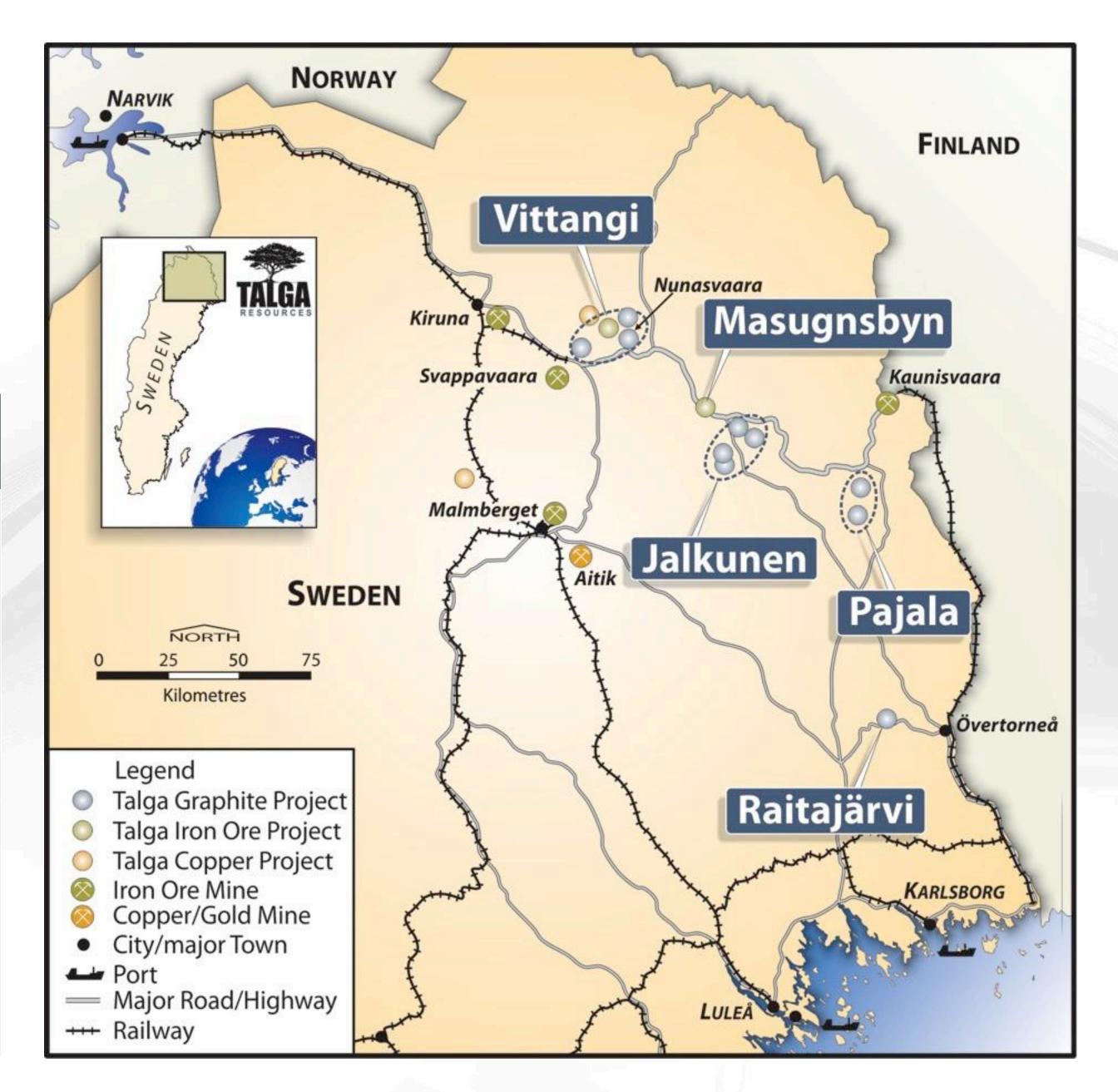




Future Growth Pipeline

- Talga owns multiple advanced stage graphite deposits defined by historic diamond **drilling**, mapping and geophysics.
- A total of 117-178Mt JORC compliant exploration targets' are defined across the projects.

Project	Exploration Target ¹	Tonnage Range (Mt)	Grade Range (%Cg)
	Nunasvaara	34-51	20-25
Vittangi	Mörttjärn	10-16	15-20
	Maltosrova	2-3	20-30
Raitajärvi	Raitajärvi	7-9	6-10
	Lautakoski	39-52	19-27
Jalkunen	Jalkunen	13-26	13-18
Jananen	Tiankijokki	2-3	17-23
	Nybrännan	5-10	20-25
Pajala	Lehtosölkä	4-6	8-14
rajara	Liviovaara	1-2	18-30
Total 0-100m depth		117-178Mt	17-23%Cg



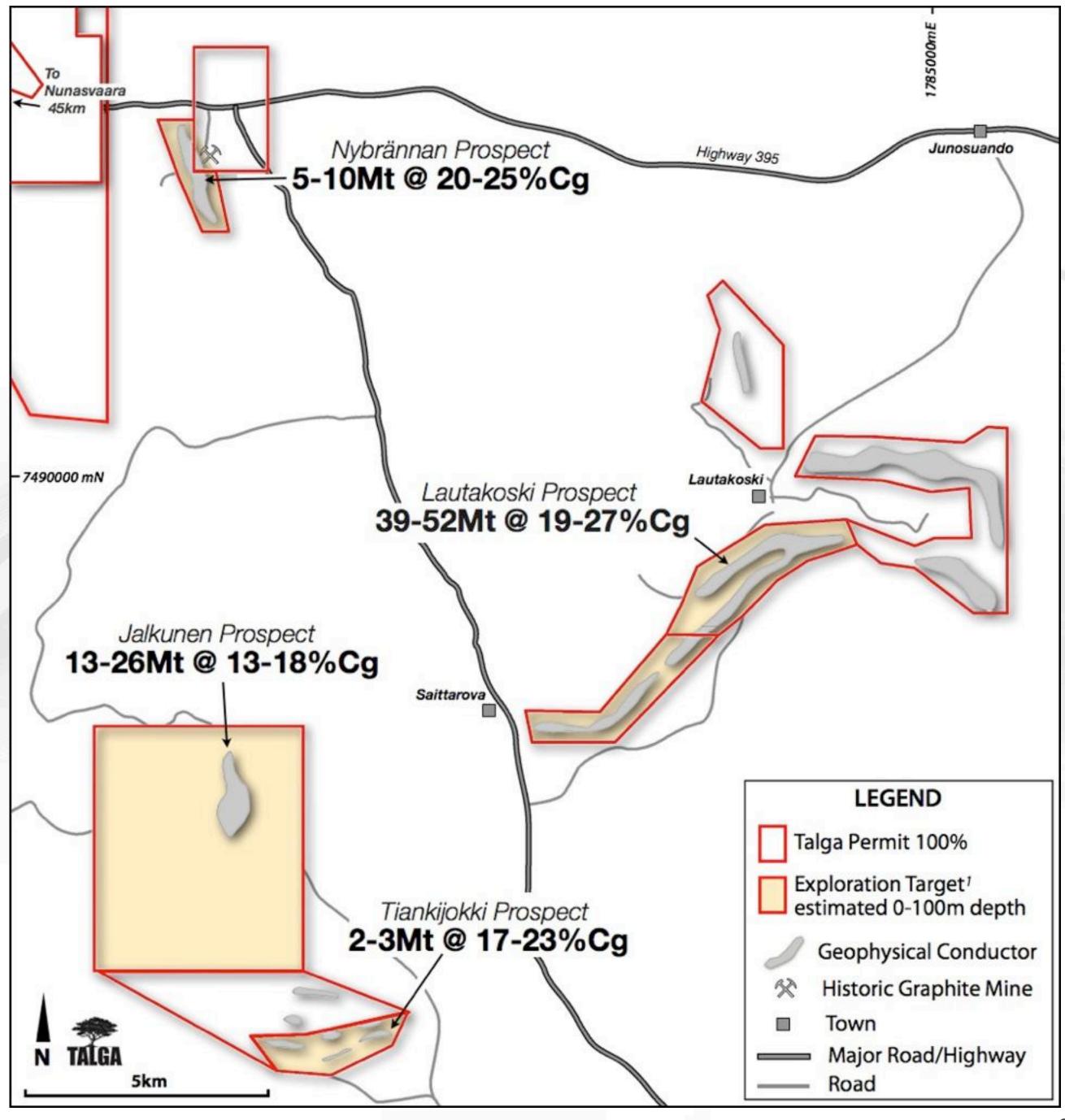
Jalkunen Graphite Project

- Multiple conductors with significant graphite intercepted in historic drilling.
- Highlights include:

 Lautakoski 45m @ 19.4% Cg and 9m @ 35.0% Cg

 Jalkunen 51m @ 15.4% Cg

 Tiankijokki 26m @ 27.7% Cg
- Graphite flake size ranges <50 400 μm
- Drilling and geophysics define JORC compliant total Exploration Targets¹ of **59-91Mt** @ **18-24% Cg**.
- Exploration Target only estimated for 0-100m.
- Quantity and quality of graphite occurences, shallow depth and favourable locations offer clear potential for massive additional scale to be added in future.



Pajala Graphite Project

The **Pajala project** contains two graphite prospects defined by historic drilling.

Lehtosölkä Prospect

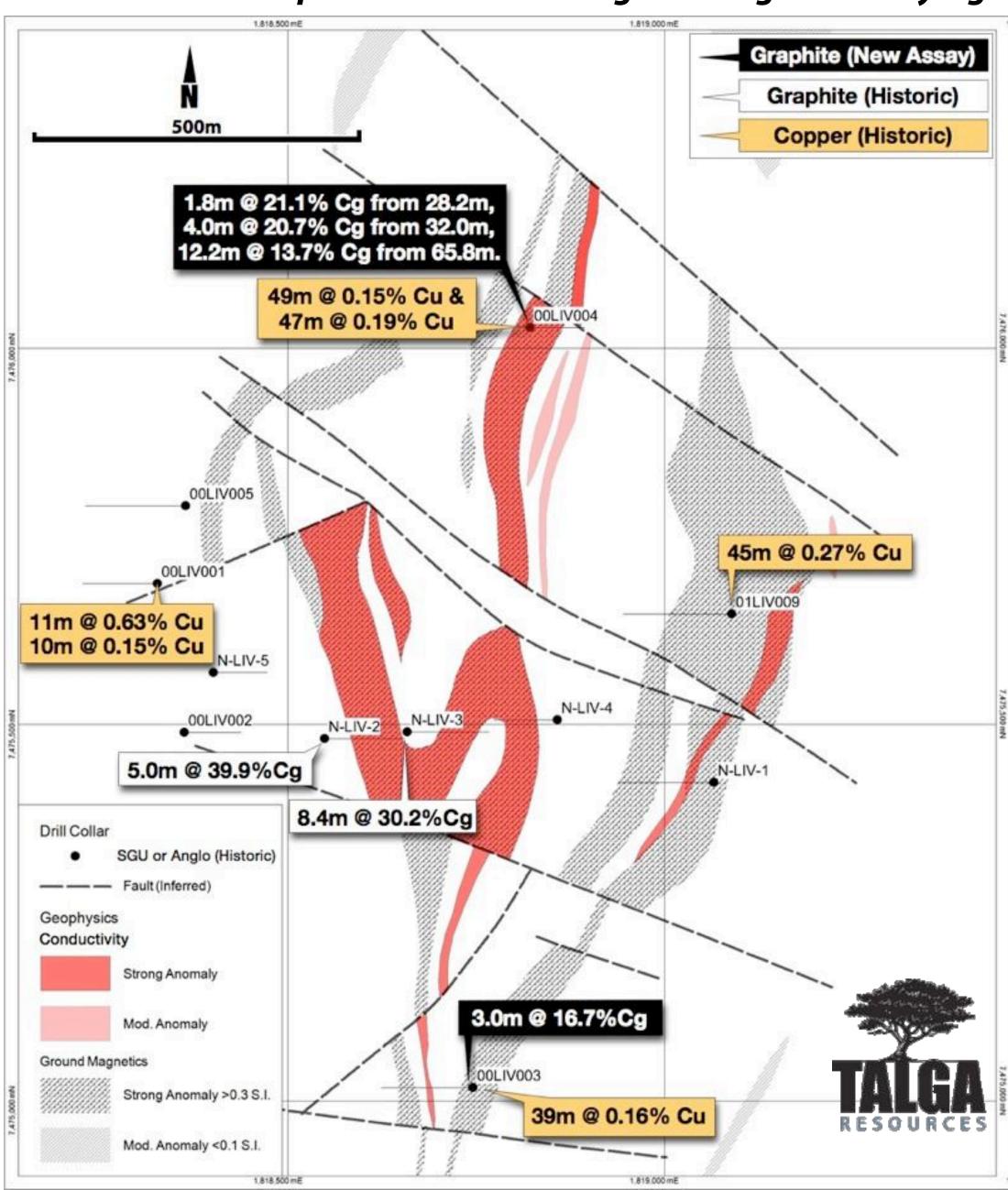
5 historic diamond holes by SGU, best intercept 19.5m @
 7.5% Cg. Contains coarse flake graphite with bimodal size distribution around 100 μm and 300-400 μm, with 20% of flake observed >400 μm ("jumbo").

Liviövaara Prospect

• 13 historic diamond holes by SGU and Anglo, targeting Cu-Au sulphides. Best graphite intercepts: **4.6m** @ **39.9% Cg** and **8.4m** @ **30.2% Cg**, flake size range <**50** μ m - **100** μ m.



Liviövaara Prospect - Historic drilling and Talga re-assaying







Activity		2012	2013		2014		14			
		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
Nunasvaara Geophysics	√									
TCL Sweden Ltd Acquisition	√									
Nunasvaara Drill Phase 1		√								
Nunasvaara Results & Resource			√							
Nunasvaara Scoping Study						√				
Drilling Raitajärvi Phase 1				√	√					
Raitajärvi Results/Resource					√					
Raitajärvi Resource						√				
Marketing Deal/Offtake Option										
Raitajärvi Scoping Study										

Talga Investment Highlights



Grade	High grade graphite resources provide opportunities for low capex, high margin production.
Sweden	Operating in a top mining jurisdiction with producing infrastructure on the doorstep of European markets. Extremely low cost power , port agreement in place and direct road/rail options.
Product Su	ite Multiple deposits cater for demand from ultrafine to jumbo flake end-users.
Demand	Strong commodity price outlook, expanding applications and significant Europe demand.
Scale	Large inventory and growth pipeline. No attempt to flood the market; focus is on profitability.
Advance	d Advanced stage with economic studies commenced on JORC Indicated resources
Cheap	Talga is undervalued relative to peers, particularly given the potential low capex , high margin production and transport cost advantages of being proximal to markets.
Capitalisat	Recent placement and underwritten entitlement offer will provide funds to complete milestone catalysts yet shares on issue remain tight; 84.8M TLG ord post transactions.
Board	Experienced MD . Recent board restructure resulting in Mr. Keith Coughlan becoming new Chairman during recent capital raising process.
Newsflor	Upcoming news anticipated includes preliminary economic studies on Nunasvaara and Raitajärvi, pivotal strategic partnerships/marketing and divestment of gold and iron ore assets .



Appendices

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Talga Asset Structure and JORC Resources



GRAPHITE

100%

Filial (Sweden)

Nunasvaara Graphite Mineral Resource @ 10% Cg lower cut-off Nov 2012

Classification	Tonnes	Graphite
Ciassification	(Mt)	(%Cg)
Indicated	5.6	24.6
Inferred	2.0	24.0
Total	7.6	24.4

Raitajärvi Graphite Mineral Resource @ 5% Cg lower cut-off Aug 2013

Classification	Tonnes (Mt)	Graphite (%Cg)
Indicated	3.4	7.3
Inferred	0.9	6.4
Total	4.3	7.1

Iron Mineral Resources @ 20% Fe lower cut-off July 2013

Deposit	Tonnes	Grade	JORC Category
Deposit	(Mt)	%Fe	Jone Category
Vathanvaara	51.2	36.0	Inferred Resource
Kuusi Nunasvaara	46.1	28.7	Inferred Resource
Mänty Vathanvaara	16.3	31.0	Inferred Resource
Sorvivuoma	5.5	38.3	Inferred Resource
Jänkkä	4.5	33.0	Inferred Resource
Masugnsbyn	87.0	28.3	Indicated Resource
Masugnsbyn	25.0	29.5	Inferred Resource
Total	235.6	30.7	

Graphite market size classification.

Trade Name	microns	US Mesh Size
Amorphous/Ultrafine	<10	na
Amorphous/Fine	10-75	-200
Small	75-150	200-100
Medium	150-180	100-80
Large	180-300	80-50
XL/Jumbo	>300	50+

Source: Industrial Minerals Natural Graphite Report 2012 cross referencing various sources. Many terms are proprietary or mixed use; there are few if any industry standards in naming principles.

Common natural graphite concentrate product sizes, grades and prices

Size (microns)	Size US Mesh	Purity % C	Quote US \$/tonne
300+	50+	94-97	>1800
180-300	80-50	94-97	1350
100-300		90	1200
	180 100-80	94-97	1200
150-180		90	1025
		85-87	900
7F 1F0	75-150 200-100	94-97	1050
/5-150		90	850
-75	-200	80-85	525

Source: Industrial Minerals Magazine Aug 2013.

Most prices FCL, CIF European Port.

Note prices averaged from low-high range and selected as common commercial products where natural graphite sold as concentrate. Many specialty grades with much higher prices are traded but do not represent the bulk of market demand.

References & Qualified Persons



¹ Exploration Targets: The estimates of exploration target sizes in this announcement are in accordance with the guidelines of the JORC Code (2004) and should not be misunderstood or misconstrued as estimates of Mineral Resources. The potential quantity and quality of the exploration targets are conceptual in nature and there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Competent Person's Statement

The information in this report that relates to Exploration Results is based on information compiled and reviewed by Mr Darren Griggs and Mr Mark Thompson, who are members of the Australian Institute of Geoscientists. Mr Griggs and Mr Thompson are employees of the Company and have sufficient experience which is relevant to the activity which is being undertaken 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 Griggs and Mr Thompson consent 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 of CoxsRocks Pty Ltd. 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.