PLATINA
RESOURCES LIMITED

ASX Code: PGM

Owendale Scandium Project
JUNE 2016

Robert Mosig Managing Director & CEO

Disclaimer

- **Cautionary and Forward-Looking Statements**
- *This presentation contains "forward-looking information" which may include, but is not limited to, statements with respect to the future financial or operating performance of Platina Resources Limited ("Platina"), its subsidiaries and its projects, the future price of platinum group metals ("PGM's"), the estimation of mineral resources, operating and exploration expenditures, costs and timing of development of new deposits, costs and timing of future exploration, requirements for additional capital, government regulation, environmental risks, reclamation expenses, title disputes or claims and limitations of insurance coverage. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative 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 statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Platina and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of PGM's; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labor disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. Although Platina has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that could cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking statements contained herein are made as of the date of this presentation and Platina disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Platina undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.*
- *Platina is in discussions with a potential investor and funder for the Owendale Scandium and Platinum Project . These discussions are ongoing and include negotiations on investment at both the corporate and project level. To date, a significant amount of work has been undertaken by the party involved and negotiations are progressing which gives confidence to Platina that the funding for production from Owendale can be sourced on completion of our Feasibility Study.*
- *The information in this announcement that relates to the Owendale Indicated and Inferred Mineral Resource is extracted from the report entitled ASX Release "PGM Owendale Updated Resource Estimate" created on 3 October 2013 and the information in this announcement that relates to the Owendale Scoping Study is extracted from the ASX Release dated 17 March 2015 and is available to view on www.platinaresources.com.au. Both reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources and the Scoping Study results, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.*

Owendale Scandium Project Key Points ASX: PGM

- *Extremely high-grade Scandium*
- *Excellent potential further drilling will find more resource*
- *Simple open-pit mining*
- *Close to water & power supplies*
- *Favourable Capex and Opex*

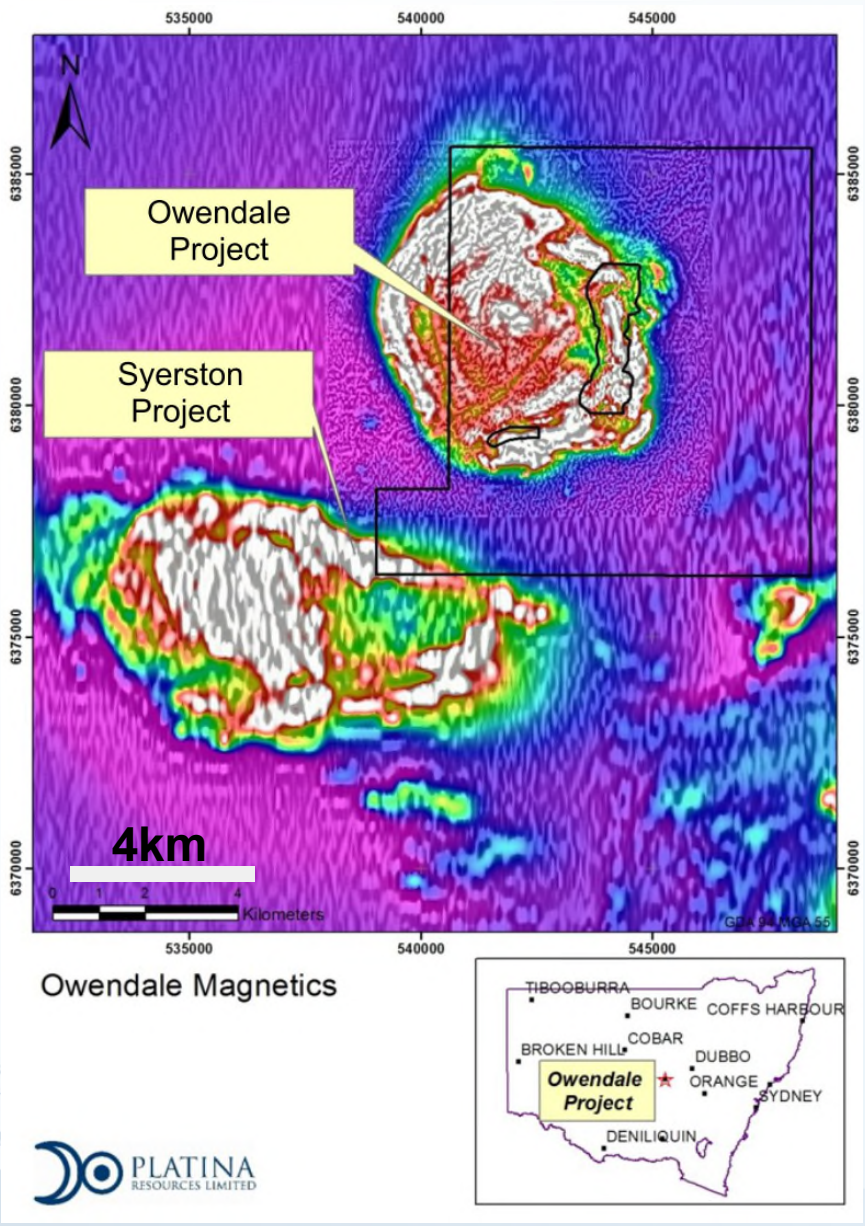
PLATINA RESOURCES LIMITED

Owendale: Favourable Location

ASX: PGM

Owendale And Syerston – Very Close

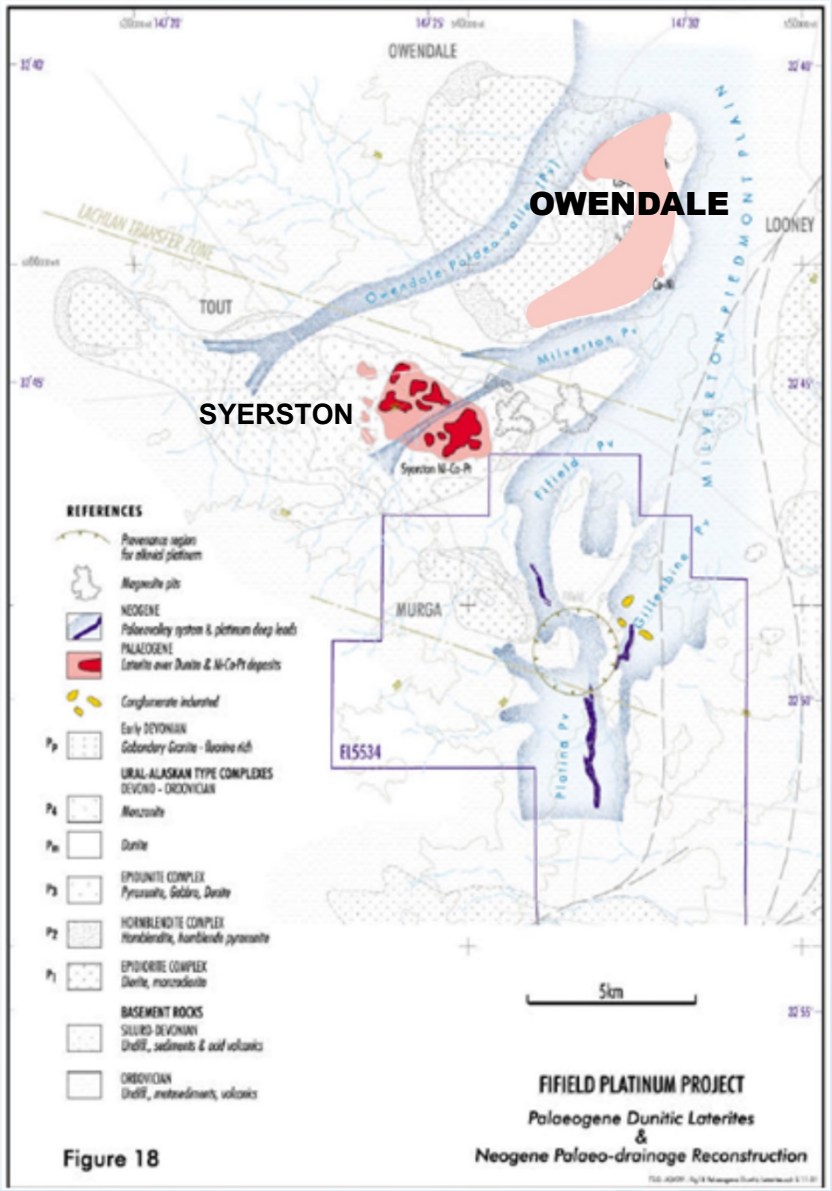
ASX: PGM



Owendale and Syerston - Very Close

Owendale and Syerston Projects

- Same geological and mineralogical origin
- Only 7km apart
- Both are the highest grade laterite-hosted scandium deposits so far discovered
- Both contain appreciable cobalt and nickel credits. **But only Owendale has platinum credits**
- Both potential open-pit mining, **but Owendale is shallower**

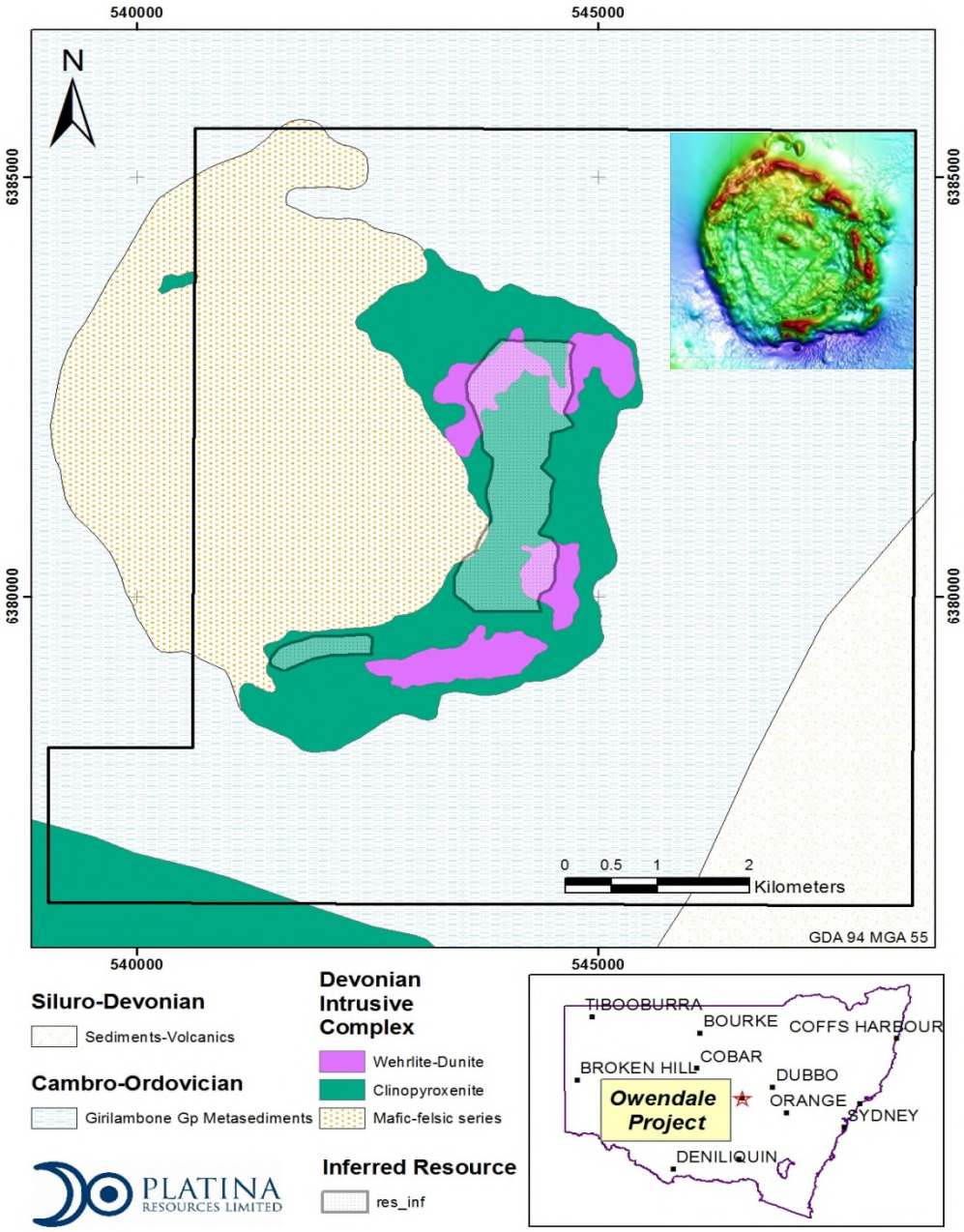


Source: Teluk, A.J. (2001). Fifield Platinum Project. Technical report

Owendale: Local Geology

ASX: PGM

- Cambro-Ordovician
  - *Girilambone Group*
    - *slates & schists*
- Devonian
  - *Intrusive Complexes*
    - *Clinopyroxenites dominate ultramafic assemblage*
    - *Dunite/wehrlite plugs intrude*
- Scandium found in the Clinopyroxentites
- Platinum found in the Dunite plugs



Scoping Study Highlights

ASX: PGM

- Annual production of 30 tonnes 99.9% purity scandium oxide with optional platinum, nickel and cobalt credits for a 70-year mine life *
- All-in-cash-costs estimated at US$466 (A$646) per kg $Sc^{2}0^{3}$ *
- Capital cost estimate of US$57 million (A$79 million)*
- Simple open-pit mining operation - 50,000 tonnes processed per year*

•* source ASX Announcement 17 March 2015 " Platina Resources Scoping Study Results"

•* Production scenario and tonnes based on Indicated Resource only

- The Scoping Study referred to in this report is based on low-level technical and economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the Scoping Study will be realised.
- Platina has considered the results of the scoping study and has assessed that reasonable grounds exist to support the forward-looking statement, notwithstanding that finance is yet to be secured for the following reasons summarised below:
- Platina is in discussions with a potential investor and funder for the Owendale Scandium and Platinum Project. These discussions are ongoing and include negotiations on investment at both the corporate and project level. To date, a significant amount of work has been undertaken by the party involved and negotiations are progressing which gives confidence to Platina that the funding for production from Owendale can be sourced on completion of our Feasibility Study.
- Additionally, it is likely that any financing for development of the Project will entail an equity component, which will require funding to be raised by Platina by way of an issue of securities.
- As at 2 June 2016, Platina has a market capitalisation of approximately $12 million. The Scoping Study has estimated a Capital Cost estimate of $US57 million (AUD$79 million).
- At 31 December 2015 Platina had net assets of $20,683,989 with no borrowings. Platina is a mineral exploration company and does not currently earn any revenues from production.
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Scoping Study Highlights

ASX: PGM

- As a mineral exploration company, Platina has not had a history of debt financing as this has not been required to date in respect of its business. Since its initial public offering in 2007 Platina has raised in excess of $32 million at various prices.
- Platina has over the years, enjoyed the support of its major shareholders Electrum Global Holdings Ltd, Cairnglen Investments Pty and Yandal Investments Pty Ltd who collectively own approximately 43.8% of Platina.
- Platina's preference in respect of any future financing of the Owendale Project would be to seek either funding via a joint venture arrangement with a suitable third party or, absent this; to seek debt financing on appropriate commercial terms.
- Platina's preference would be to minimise any equity requirement, with a view to minimising the dilutionary impact an equity financing may have on Platina shareholders.
- The Company has in the past entered into heads of agreement with Chinese scandium producing companies for the future supply of Scandium oxide. Details were set forth in the ASX Scoping Study Release. Those agreements were subsequently terminated. Platina continues to seek binding off-take agreements for the supply of scandium oxide and scandium metal from Owendale.

Resource Classification	Tonnage (Mt)	Pt g/t	Sc ppm	Ni %	Co %	Pt koz	Sc t	Sc2O3 t	PtEq g/t
Indicated	4.2	0.53	401	0.13	0.06	72	1698	2605	0.93
Inferred	19.4	0.33	380	0.11	0.06	205	7385	11327	0.69
TOTAL	**23.7**	**0.36**	**384**	**0.11**	**0.06**	**277**	**9083**	**13932**	**0.73**

Total Sc resource (JORC 2012) using a 300 ppm Sc cut-off, and showing resource classification. Estimation carried out by Golder Associates Pty Ltd, Brisbane, October 2013. *Conversion factor from Sc to Sc_2O_3 is 1.5338.*

Owendale and Syerston- very close

Project Feature	Owendale	Syerston	Remarks
Project status	Scoping Study completed (30tpa scandium oxide) Feasibility study planned to start Q3 2016	Feasibility Study to be completed by June 2016 (>30tpa scandium oxide)	Both potential open pit mining operations
Geology	Scandium in laterite developed over Alaskan type intrusive	Scandium in laterite developed over Alaskan type intrusive	Projects separated by approximately 7 kms
Sc Resource using 300g/t Sc cut-off	23.7 Mt at 384g/t Sc and 0.36g/t Pt (indicated and inferred)*	28.2 Mt at 419g/t Sc (measured indicated and inferred)*	Both have highest grade scandium resource so far reported from laterite * Source ASX Announcements 17 March 2015 " Cleanteq Syerston Scandium Mineral Resource Update" and "Platina Resources Scoping Study Results"
Associated minerals	Platinum, Cobalt and Nickel	Nickel and Cobalt	
Market Capitalisation	$8.81 Million	$198.84 Million	

Owendale Mineral Resource Statement ASX: PGM

Owendale Mineral Resource Statement

**Note ppm and g/t are equivalent units of measure with g/t traditionally used for Pt*

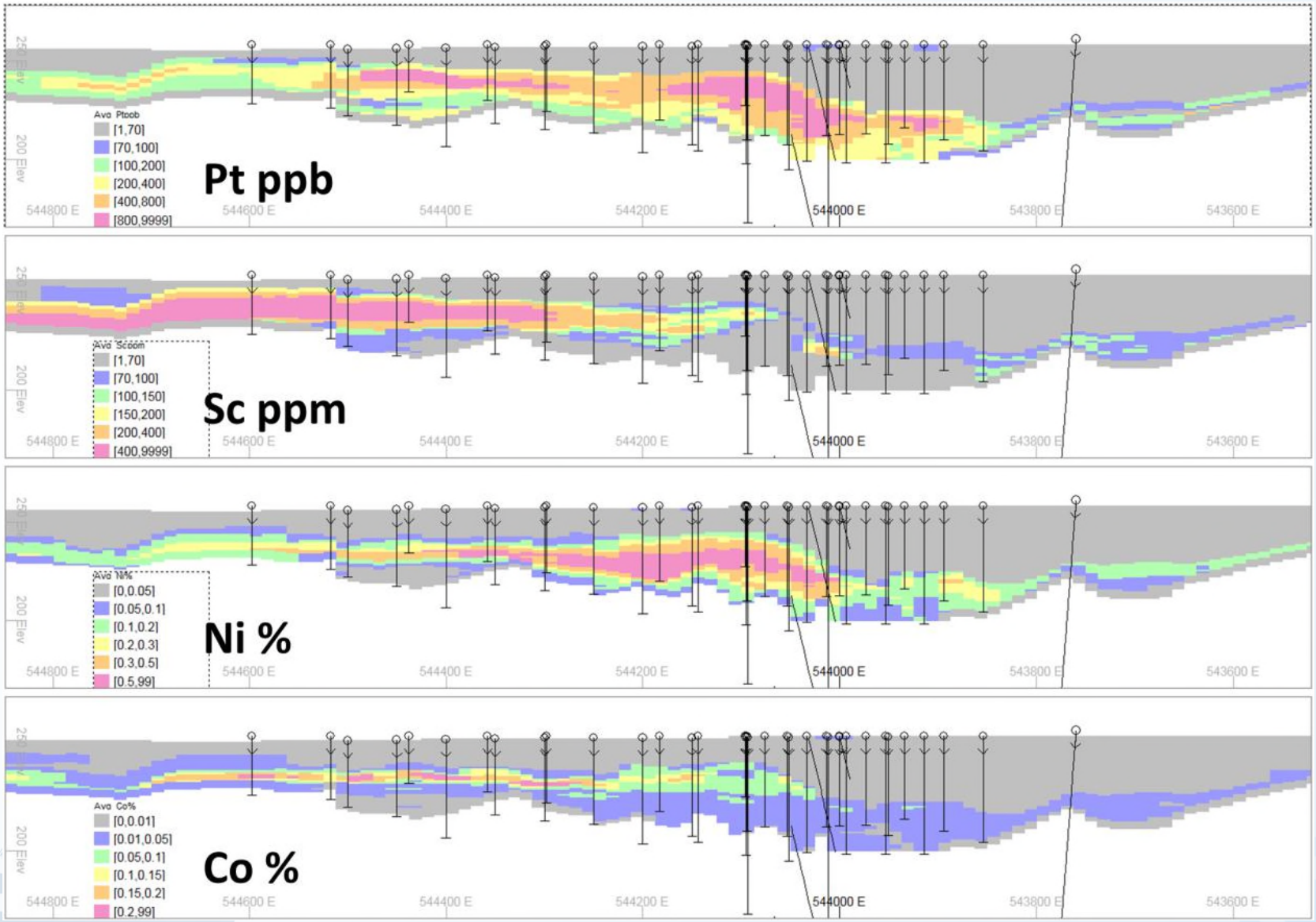
Scandium is commonly sold as scandium oxide (Scandia) Sc_2O_3. Conversion factor from Sc to Sc_2O_3 is 1.5338
Resource Estimation carried out by Golder Associates Pty Ltd, Brisbane. Further details available in the Company's ASX announcement dated 3rd October, 2013.
The platinum equivalent formulae, PtEq = Pt + 2xNi + 2.5xCo is based on the least optimistic recovery process for nickel and cobalt for atmospheric leaching; where the platinum price is US$1,500/oz, the nickel price is US$8/lb and the cobalt price is US$12/lb. The metal equivalent calculation assumes metallurgical recovery of 95% for platinum, 70% for nickel and 60% for cobalt and metal payability of 75% for nickel and cobalt.

Cut-off Grade	Class-ification	Mt	Pt g/t*	Sc ppm	Sc_2O_3 ppm	Ni %	Co %	Pd ppb	Fe_2O_3 %	MgO %	Pt koz	Sc t	Sc_2O_3 t	PtEq g/t
Pt >0.3 g/t	Indicated	10.2	0.58	231	354	0.20	0.05	37	46.6	3.6	190	2 364	3 626	1.10
	Inferred	20.9	0.49	257	394	0.12	0.05	53	47.8	2.1	329	5 360	8 221	0.85
	Sub-total	31.1	0.52	248	381	0.15	0.05	48	47.4	2.6	519	7 724	11 847	0.93
Sc >300 ppm	Indicated	4.2	0.53	401	615	0.13	0.06	40	53.6	1.0	72	1 698	2 605	0.93
	Inferred	19.4	0.33	380	583	0.11	0.06	43	52.6	0.9	205	7 385	11 327	0.69
	Sub-total	23.7	0.36	384	588	0.11	0.06	43	52.8	0.9	277	9 083	13 932	0.73
Combined	Indicated	11.2	0.55	243	372	0.19	0.05	37	47.0	3.4	197	2 722	4 175	1.06
	Inferred	32.4	0.39	300	461	0.12	0.05	50	49.3	1.7	401	9 741	14 940	0.75
	Total	43.6	0.43	286	438	0.14	0.05	47	48.7	2.1	599	12 463	19 115	0.83

Total Pt resource using a 0.3g/t Pt cut-off, and showing resource classification. Estimation carried out by Golder Associates Pty Ltd, Brisbane, October 2013. Refer ASX announcement 3 Oct 2013 – *PGM Owendale Updated Resource Estimate.*

Owendale: Block Model Estimates

ASX: PGM



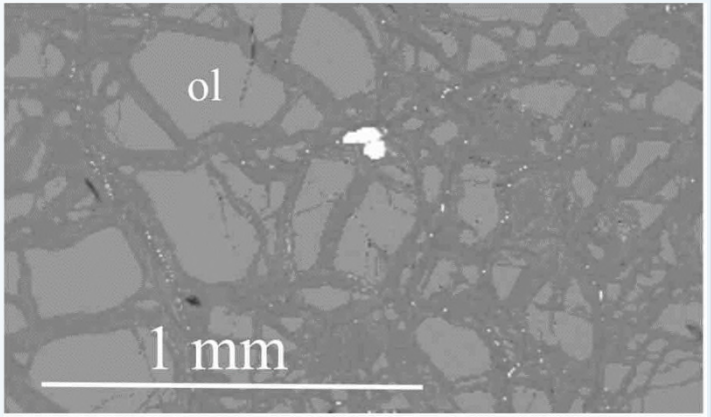
Mineralisation/Mineralogy

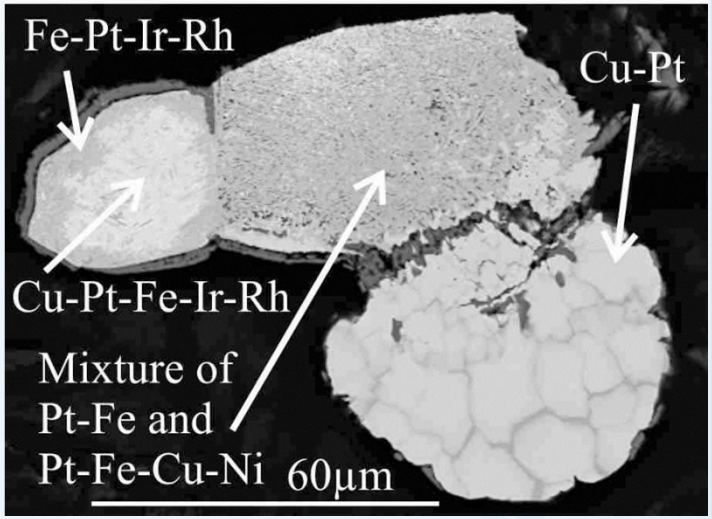
PRIMARY

- Majority of platinum is present as isoferroplatinum $(Pt, Pd)_3(Fe,Cu)$
- Scandium resides in clinopyroxenes

LATERITE

- Majority of platinum is present as isoferroplatinum (haematite, magnetite, goethite, calcite, kaolin, vermiculite, nontronite)
- Formed by residual enrichment (>5x) of PGM in bedrock (primary)
- Sc in solid solution in iron oxides. No discrete Sc-rich phases. Typical of laterites
- Bulk of Ni-Co hosted by asbolane – a hydrated Mn oxide $(Ni, Co)_{2-x}Mn^{4+}(O,OH)_4.nH_2O$)

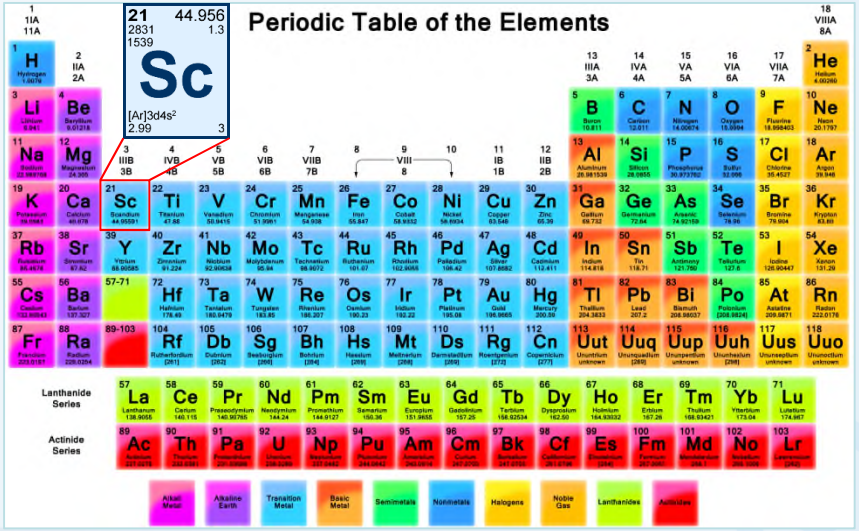




Back scattered electron image of a composite grain of PGM alloys in serpentine (dark grey) between olivine (ol) in sample 2208/659A. Note Cu veins in Cu-Pt alloy.

Scandium: Critical Metal

- ***Enormous growth potential for scandium in 2 key markets:***
  - ***Aerospace/Transport***
    - ***Scandium Aluminium alloys***
  - ***Energy/Electrical***
    - ***Scandium Stabilised Zirconium in Solid Oxide Fuel Cells (SOFC)***



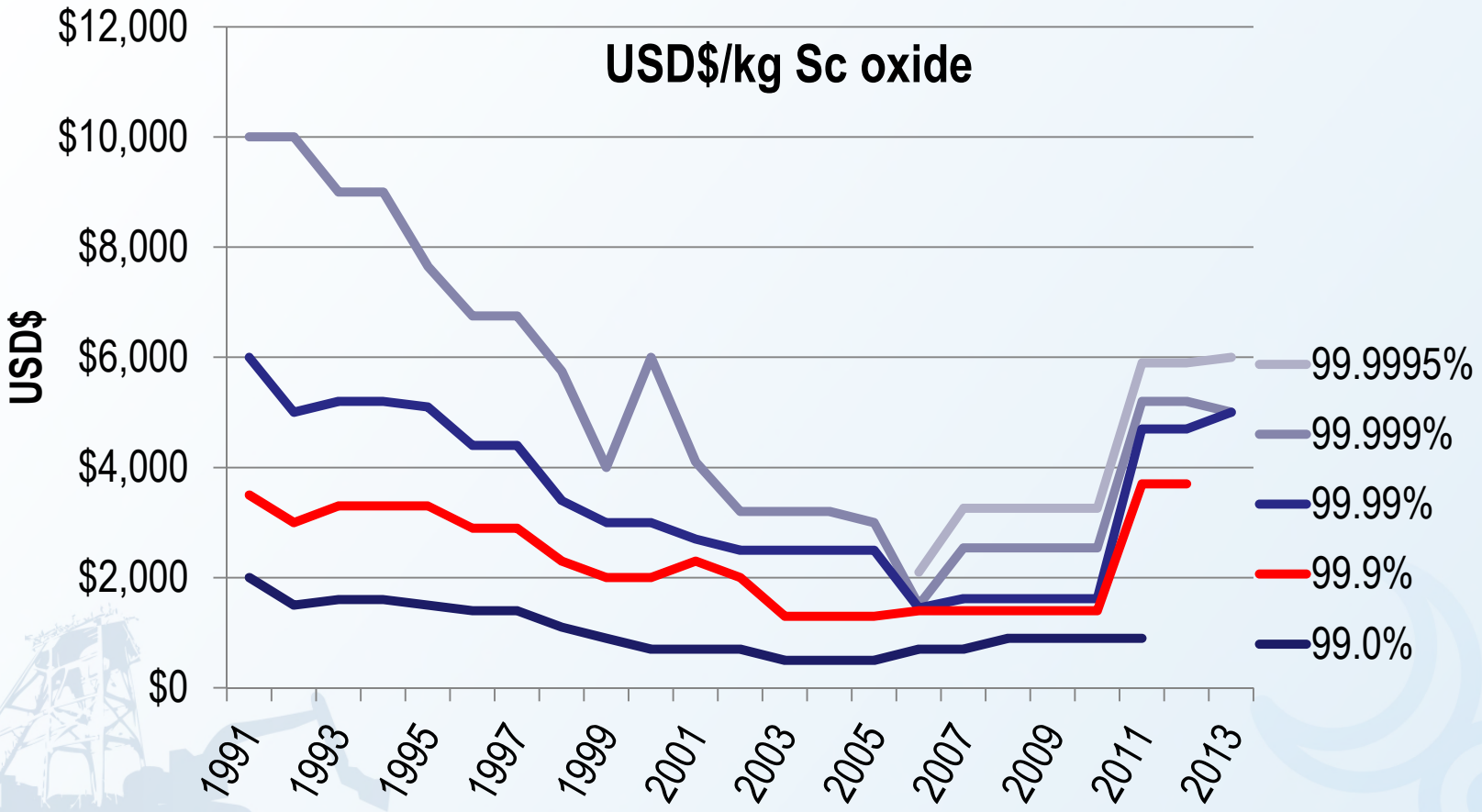
Scandium: Market Fundamentals

Limited reliable supply of Sc, mostly as a by-product, means high prices in a very small 'high-end' market…

- *Current supply from by-products*
  - *Most production as by-product (due to low concentration) from China, Ukraine*
  - *No primary mine production ….yet!*
  - *Owendale laterite high-grade is potential new primary source. Grade is King!*
- *Demand is growing*
  - *Sc-Aluminium alloys: Aerospace components, sports equipment is leading use of Sc*
  - *Electrical/Energy: Growing future market for fuel cells (Solid Oxide FC)*
  - *Lights: High-power metal halide lamps and lasers*
- *Price*
  - *USGS quotes Sc_2O_3 as US$3,700/kg for 99.9% purity (2012)*
  - *Global scandium consumption ~10-15 tonnes pa*
  - *Current high price prevents wider application. Owendale high-grade is key!*

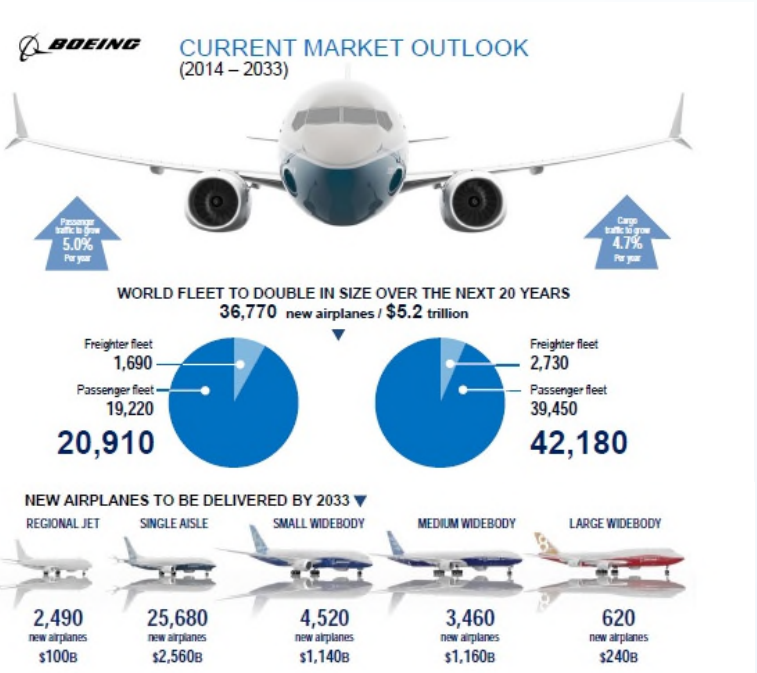
Scandium: Sc Oxide Pricing

- *Owendale, as the largest deposit with the highest Sc grade, proposing to use proven conventional, high-recovery technologies will be able to set Sc price to enable introduction of wider applications*



Source: USGS. PFL Advisors

Scandium: Aerospace (Transport)



- **Enormous growth potential for Sc**
  - **Commercial aerospace**
    - **Boeing & Airbus forecasting up to 36,770 new airplanes by 2033**
    - **Estimate between 70 and 700kg of Sc oxide is required per plane depending on aircraft size**
  - **Military aerospace**
    - **Initial use in Russian aircraft**
    - **Future use promising**
  - **Commercial automotive**
    - **Large potential market**
- **Potential annual market by 2025 maybe <u>250 tonnes*</u> of Sc_2O_3**

Source: Airbus, Boeing

* Kaiser Research. See slide 13.

Scandium: Additional Markets

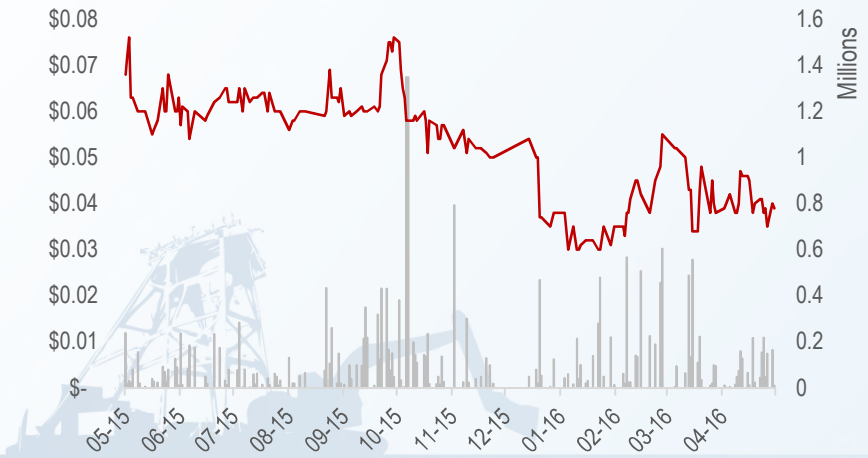
- *Additional growth potential for Sc_2O_3 scandium oxide in other markets*
  - *Sporting equipment*
    - *Golf clubs, bicycles, baseball bats. Currently the leading use*
  - *Lighting*
    - *High-power metal halide lamps and lasers*
  - *Additive Layer Manufacturing*
    - *3-D printed components*
  - *Electricity grid transmission*
    - *High tension wires*
  - *Ship-building*
    - *Good anti-corrosion properties*

Corporate Summary

ASX: PGM

Issued Capital	
ASX	PGM
Shares	172.8 Million
Options (exp Nov '16 @ $0.10)	1 Million
Performance Rights	6.125 Million
Share Price (31 May 2016)	5.1c
Cash (31 May 2016)	$0.92 Million
Market Capitalisation	$8.81 Million

12-Month Price Chart



Major Shareholders	
Electrum Ltd	20.6%
Cairnglen Investments	17.2%
Yandal Investments	6.0%
Sino Portfolio Intnl.	6.0%
HSBC Custody Nominees	5.8%
Top 5	**55.6%**

Directors & Management

Reg Gillard *BA, FAICD, FACPA, JP*	**Non-Executive Chairman**
Rob Mosig *MSc, FAusIMM, FAICD*	**Managing Director**
Brian Moller *LLB (Hons)*	**Non-Executive Director**

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Thank You

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