Targeting Key Global Demand-driven Commodities

Gold Coast Investment Showcase
June 22 2016

David Crook, Managing Director
Disclaimer and Competent Person’s Statement

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For further information
• (Acra) refer to the Company’s announcements dated 16 April 2014, 22 October 2014, 26 June 2015, 6 October 2015, 18 December 2015, 15 February 2016.
• (Mavis) refer to the Company’s announcements dated 15 March 2016, 20 April 2016,
• (Phillips River) refer to the Company’s announcements dated 6 April 2016
• (Donnelly River) refer to the Company’s announcements dated 26 April 2016
• (Pioneer Dome) refer to the Company’s announcements dated 29 April 2016, 18 May 2016
• Also refer to the Company’s quarterly Activities Reports.
• The Company it is not aware of any new information or data that materially affects the information included in this Presentation
2016 Sees an Addition to the Company’s Strategy

Lithium

1.941
Pioneer is actively focussed on key global demand driven commodities

Lithium and Gold
Lithium Strategy

Everyone’s talking about Lithium... and they should be, “It’s the next gasoline.”

Brian Colwell

Total to Buy Battery Maker Saft in Push to Expand Clean Energy
Lithium Strategy
New Acquisitions

Mavis Lake: Ontario Canada
Pegmatite Field – Spodumene in drilling

Pioneer Dome: Eastern Goldfields
Mt Marion – Pegmatite Li

Phillip River: Ravensthorpe
Mt Cattlin – Pegmatite Li

Donnelly River: Greenbushes
Greenbushes – world’s Largest Pegmatite Li
The Lithium Market Today

- Estimated demand 2015: ~160,000t LCE (2014: ~150 ktpa)
- Market could grow to 4-500ktpa in next decade.
- Brine sources are dominant supply at present.
- Time to construct and high capex of future brine production are creating opportunities for hard-rock projects.
- Australia is well-placed to play a significant role in future downstream/value-add production
“Battery storage will revolutionize the renewable energy sector by reducing the need for network investment.”

Simon Corbell

From Kingsnorth 2016
Corporate Snapshot

**FOCUSED**
Global Demand Driven Commodities

**FUNDED**
Approx $2.2 million in cash

**ACTIVE**
Financial capacity to explore

**LEVERAGE**
Huge interest in Lithium
Gold is on the ascendancy
Pioneer Price and Liquidity is up.

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<td><strong>Current share price</strong></td>
<td>4.2 cents</td>
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<tr>
<td><strong>Shares on issue</strong></td>
<td>900.4 million</td>
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<td><strong>Unlisted options</strong></td>
<td>46.5 million</td>
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<tr>
<td><strong>12-month range</strong></td>
<td>1.0 – 10 cents</td>
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<tr>
<td><strong>Cash</strong></td>
<td>$2.2 million</td>
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<td><strong>Market capitalisation</strong></td>
<td>$40 million</td>
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Well-Credentialed Board and Management

**Craig McGown – Chairman (Finance)**
- An investment banker with over 35 years’ experience consulting to companies in Australia and internationally, particularly in the natural resources sector.
- The former Chairman of DJ Carmichael and currently with New Holland Capital.

**David Crook – Managing Director (Geology)**
- Founding Managing Director since 2003.
- A geologist with over 30 years’ experience in the mining industry, including senior exploration, mining and management roles with a number of Australian and international companies.
- 25 years experience in the Kalgoorlie District

**Allan Trench – Non-Executive Director (Geophysics, Management, Academia)**
- A mineral economist, geophysicist and business management consultant.
- Professor CET at UWA and Curtin Graduate Business School.
- Perth representative CRU Strategies.

**Wayne Spilsbury – Non-Executive Director (Geology)**
- A geologist with over 35 years of experience including 28 years with Teck Cominco Limited - former General Manager, Exploration – Asia Pacific.
- Has worked on gold and base metal projects in Western Canada, the United States, Asia and Australia.

**Nigel Brand – Consultant (Geochemistry)**
- Internationally regarded specialist geochemist
The Mavis Lithium Project Update: Field Crew on Site

Option Agreement With International Lithium Corp
$100,000 Placement, now worth $400,000
Initially earn 51% Project Equity through
• expending $1.5m and
• paying $0.375m in cash/scrip mix
LCT Pegmatite Targets at Mavis
Targeted Mineralisation: Spodumene in LCT Pegmatite

- MF-11-08: 7m at 1.83% Li₂O from 4m
- MF-11-09: 7.8m at 1.86% Li₂O from 18.85m
- MF-11-12: 16m at 1.53% Li₂O from 125m
- MF-11-12: 26.25m at 1.55% Li₂O from 152m
- MF-11-13: 5m at 1.44% Li₂O from 19m
- MF-11-14: 3m at 2.15% Li₂O from 24m
- MF-12-24: 16.4m at 1.86% Li₂O from 161.9m
- MF-12-25: 5.15m at 1.75% Li₂O from 130.7m
- MF-12-28: 6m at 2.53% Li₂O from 6m
- MF-12-30: 6.95m at 1.45% Li₂O from 32.25m
- MF-12-33: 3m at 2.26% Li₂O from 22m
- MF-12-34: 5m at 1.5% Li₂O from 24m
- MF-12-36: 6m at 1.48% Li₂O from 31m
- MF-11-15: 5.35m at 1.51% Li₂O from 78.4m**

* All widths reported are drill core widths and have not been converted into true width. Appropriate rounding of Li₂O values applied.

** To date only 3 holes have been drilled at the Mavis Lake 18 Pegmatite, including MF-11-15.
New Discoveries - Open to expansion

Fairservice Pegmatite
John Harrop, Fred Breaks, Mike Sieb, First Nations Rep

Fairservice drill core with spodumene mineralisation

Fairservice Pegmatite with spodumene mineralisation

Mavis Pegmatite 18 with spodumene mineralisation
Zonation in Pegmatites

Schematic regional mineral zonation outboard of a fertile, peraluminous S-type granite, showing swarms of associated pegmatite dykes.
LCT Pegmatite Targets at Mavis
PEG009 is an example of a complex LCT pegmatite with lepidolite mineralisation.
Reference samples, assays and Soil Geochemistry Results

3.94% Li₂O  2.55% Li₂O  3.29% Li₂O  3.84% Li₂O
Phillips River

Roadside soil samples coloured by Lithium values in ppm.
(Data from Fletcher and Howard, 2010; Eddison and Fairall, 2012).

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<tr>
<th>Li</th>
<th>Ni</th>
<th>Au</th>
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<td>6.941</td>
<td>58.69</td>
<td>196.967</td>
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Donnelly River (Greenbushes)

Donnelly Lithium Project tenements and geochemistry anomalies
(Morris P.A. 2008).
Geographic Focus
Eastern Gold Fields

Acra Gold Project
Drilling continues to impress
Next phase –
Determining the bigger picture
Acra Gold Project
A Growing Gold Project in Gold Bull Market is a Good Thing

Ironically, this was our lead project when we listed in 2003

Pioneer acquired the Gold Rights from Xstrata, after a history of nickel exploration

The Project had a 30,000 point geochemical database

The data contained a 20km long gold-in-soil anomaly

Over 100 of the existing (nickel) holes intersected over 1.0g/t Au.
Acra Gold Project
It’s a good thing to have Gold Project in this Market

*With 20km of strike to explore we needed a ‘roadmap’*

Work by D Isles, an aeromagnetic data specialist, has provided an exploration roadmap, using a 7 factor ‘weight of evidence’ approach.

Gold-focussed work infilling or extending ‘nickel’ generation geochemistry.
Acra Gold Project continues to deliver exciting results at a number of prospects.

Drilling Results confirm gold endowment.

Kalpini South:
KSRC004: 10m at 6.38g/t from 61m
KSRC004: 5m at 3.29g/t from 100m
KSRC004: 8m at 1.45g/t from 85m
KSRC005: 9m at 5.31g/t from 36m
KSRC007: 13m at 3.31g/t from 94m
KSRC007: 12m at 0.91g/t from 113m
KSRC010: 3m at 5.44g/t from 128m
KSRC010: 8m at 1.41g/t from 85m
KSRC018: 18m at 1.98g/t from 97m
KSRC021: 6m at 1.89g/t from 85m
KSRC031: 9m at 6.17g/t from 60m
KSRC032: 7m at 1.93g/t from 106m
KSRC024: 0.22m at 116.5g/t from 131m
KSRC025: 2.2m at 12.17g/t from 145.42m

Jubilee East:
JERC002: 13m at 2.84g/t from 27m
JERC003: 2m at 12.42g/t from 57m
JERC007: 4m at 8.1g/t from 34m
JERC010: 7m at 2.6g/t from 101m
JERC038: 8m at 2.14g/t from 52m
Results provide evidence of new targets over a big area – but still a fraction of the project’s extent.
Blair Dome Project
EIS funding for diamond drilling
Forthcoming Work Programs

Lithium Projects: Rare-metal geochemistry coupled with geological, structural and detailed geophysical data will be the key to new-target generation.

**MAVIS**

- Ground magnetic survey: pegmatites are represented as magnetic lows.
- Soil geochemistry: Much of the property hasn’t been sampled.
- Drilling: to identify new, and further define known, spodumene occurrences.
- Work programs start in June 2016 – geologists on the ground now

**PIONEER DOME**

- Soil geochemistry: 10,000 samples covering over 13 mapped pegmatites – 20% complete.
- Existing drilling: pegmatite intersections resampled.
- This work is in progress – early results this month.

**ACRA, DINGO DAM, FAIRWATER**

- Air Core Drilling at each

**BLAIR DOME**

- Diamond Drilling
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