### KINGSTON RESOURCES LIMITED

ASX:KSN ACN 009 148 529

31 October 2014

The Manager Company Announcements Office Australian Securities Exchange

**Electronic Lodgement** 

#### PRESENTATION AT 2014 ANNUAL GENERAL MEETING

Kingston Resources Limited (The Company) (ASX: KSN) is pleased to provide a copy of a presentation to be delivered at today's Annual General Meeting.

Yours faithfully,

**Kingston Resources Limited** 

MATHEW WHYTE,

Director and Company Secretary.

# Kingston Resources Limited

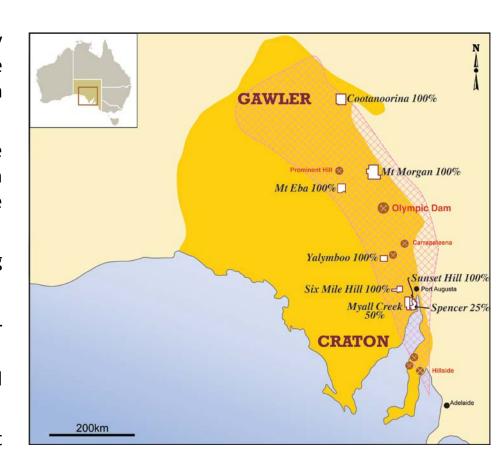
AGM - Technical Update Six Mile Hill & Cootanoorina Projects 31st October 2014

#### **Kingston Resources Ltd**

#### **KINGSTON** RESOURCES LIMITED

#### **About Kingston Resources**

- Kingston Resources Limited is a public company listed on the Australian Stock Exchange (ASX:KSN) with its head office operations in Perth, WA.
- The Company's exploration activities are centered in South Australia with an interest in eleven prospective IOCG deposits in the Olympic Arc corridor in the Gawler Craton.
- Kingston is now highly focused on identifying IOCG drill targets at two of its projects:
  - Six Mile Hill EL 4494 and newly granted EL 5498; and
  - Cootanoorina EL 4462 and newly granted EL 5487).
- Gravity survey was commissioned with Daishsat and was completed on time and under budget.



#### **KINGSTON** RESOURCES LIMITED - Corporate

<b>Board</b>	of	<b>Directors</b>	
Doard	VI.		

#### **Capital Structure**

•	Jonat	han L	Davies,	BJuris,	LLB-	Chairma	an

- Mathew Whyte, BCom, CPA, FCSA
- Yafeng Cai, CPA
- Michal Safrata

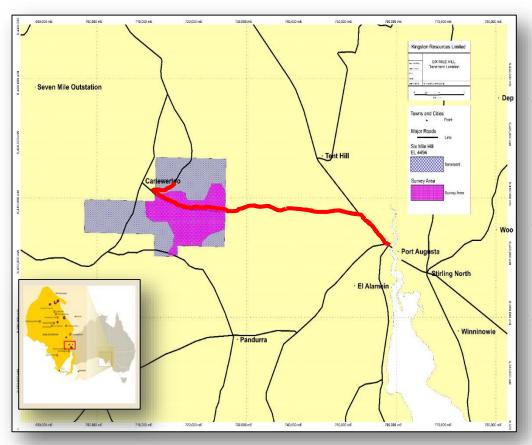
#### **Key Personnel**

Mr Barry Bourne, BSc(Hon), FAIG,
 MAICD - Consultant/ Chief Geophysicist

Shares on Issue (KSN:Trading)	49,439,168
Shares on Issue (Restricted; Not Trading)	40,341,660
TOTAL SHARES ON ISSUE	89,780,828
Options on Issue (KSNO:Trading) (20 cent; Dec 2015)	25,400,000
Other Options (Restricted; Not Trading)	21,400,000
TOTAL OPTIONS ON ISSUE	46,800,000

\$1,45 M

**Market Capitalisation** 

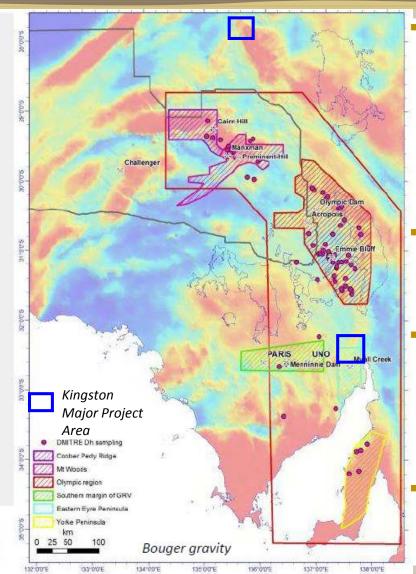


- The Six Mile Hill project lies approximately 45km to the west of the regional center of Port Augusta at the northern tip of Spencer's Gulf.
- The Six Mile Hill project consists of EL 4494 and the newly granted 2 year EL 5498 immediately east of EL 4494 (both 100% owned)
- Ground-based, geophysical gravity survey has been completed at the Six Mile Hill project.
- Kingston has signed Native Title Mining Agreements (NTMA) with local traditional land owners Barngarla Aboriginal Corporation.

- The recently acquired detailed gravity has achieved the objective of better defining the depth and density of the targets at Six Mile and Six Mile East. In both cases the targets are shallower and more dense that models on 1km x 1km spaced data
- Interpretation suggests Hiltiba equivalent intrusives could be present
- Preliminary density models will be now be combined with the drilling data to construct cross sections near each of the target areas to understand the subsurface geology and define drill targets

### SA Mineral Systems Drill Program

- Drill program offers opportunity to build on DMITRE's regional footprint mapping.
- GSSA Key areas of interest highlighted although all proposed locations will be considered

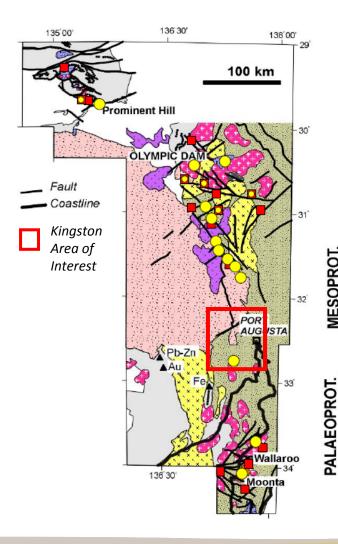


- Application
  submitted to SA
  Dept State
  Development (DSD)
  for the 2015 SA
  Mineral Systems
  Drill Program at Six
  Mile Hill.
- There is no assurance that the application will be successful
- DET will partner with DET -CRC using new technologies for exploration through thick cover rocks
- Successful applicants expected to be notified late Calendar Yr 2014









#### **Alteration types**

- CAM: calcsil alk feld mt MB: mt - bt + Cu-Au
- HSCC: hm ser chl carb+ Cu-Au-U
- HSCC overprinting CAM / MB

Hiltaba Suite granitoid



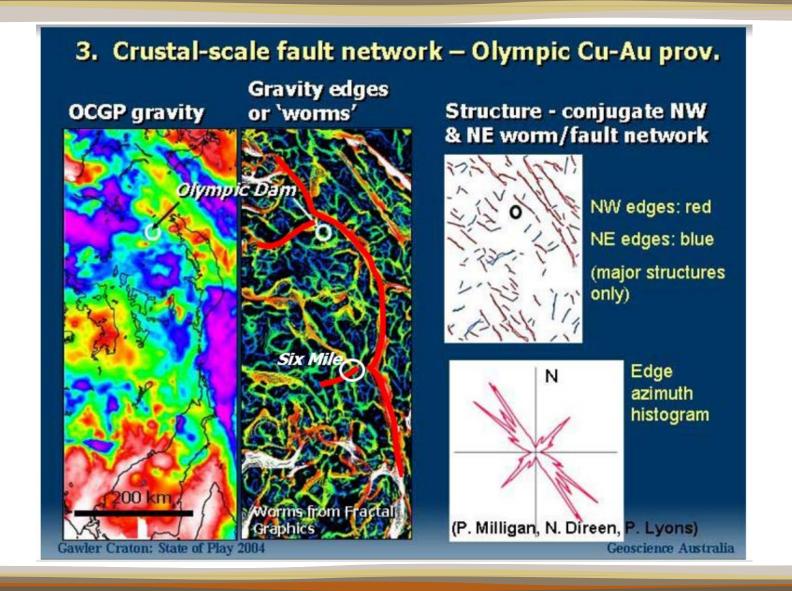
Intrusive rocks, mainly felsic; mafic
Hutchison Gp & equivalents:

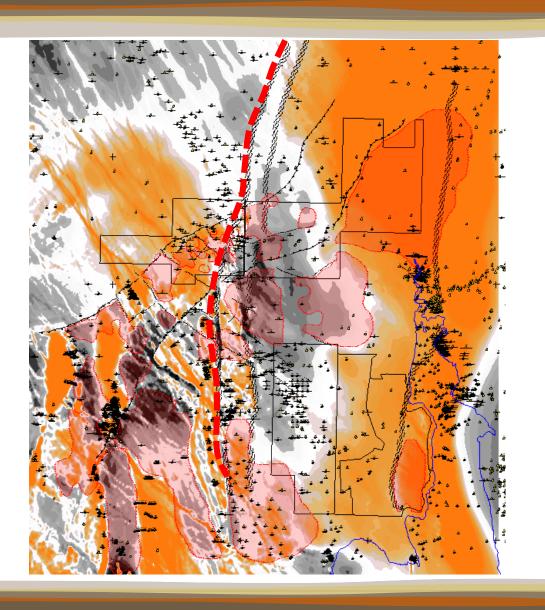
& metavolcanic rocks

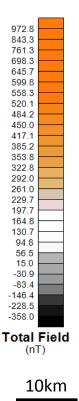
- Hutchison Gp & equivalents; BIF
- Undifferentiated Archaean to Palaeoproterozoic rocks

- The HSCC alteration assemblages (hematite, sericite, chlorite, carbonate) occur in all three of the regional 'footprints' and are in places closely associated with Cu-Au mineralisation, with or without U (e.g. Olympic Dam, Prominent Hill, Emmie Bluff).
- Not all of the four key minerals are necessarily present at any particular occurrence of HSCC, but variations on this assemblage consistently are observed to overprint the CAM and MB assemblages.
- HSCC represents the products of relatively low temperature (<300 deg. C) oxidised fluids, and in places correlates with demagnetisation features in aeromagnetics

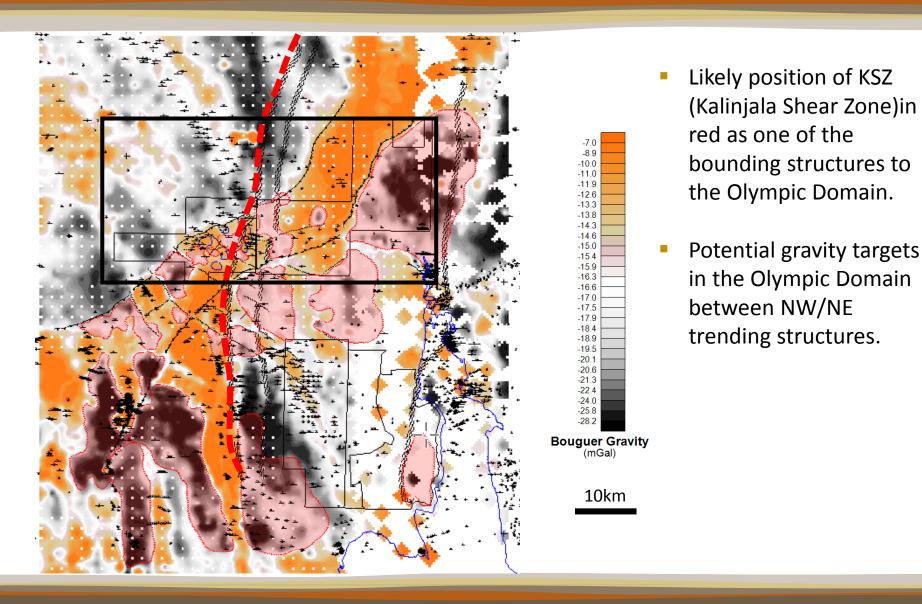
after Skirrow et. al. (2004)

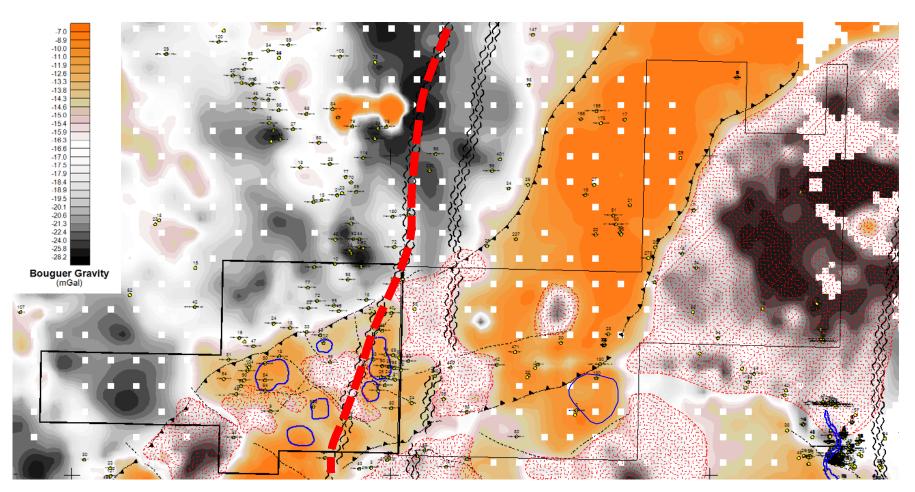




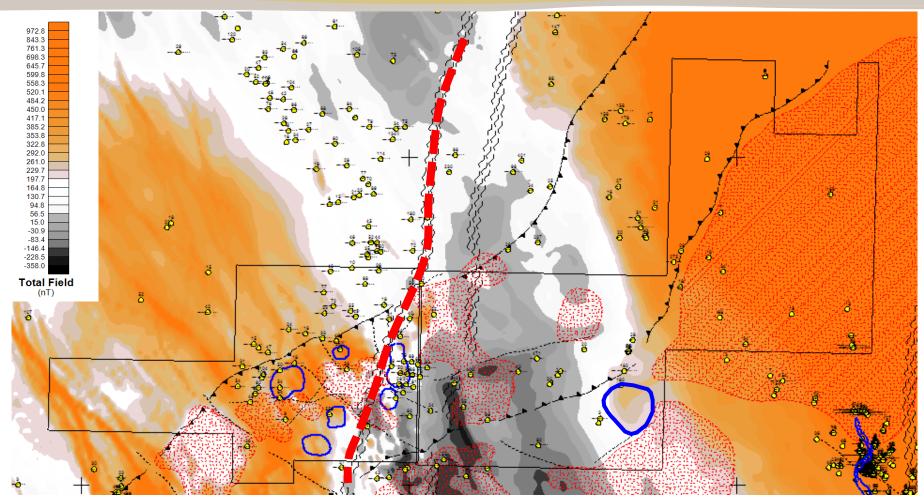


- Likely position of KSZ
   (Kalinjala Shear Zone)in
   red as one of the
   bounding structures to
   the Olympic Domain.
- Potential gravity targets in the Olympic Domain between NW/NE trending structures.

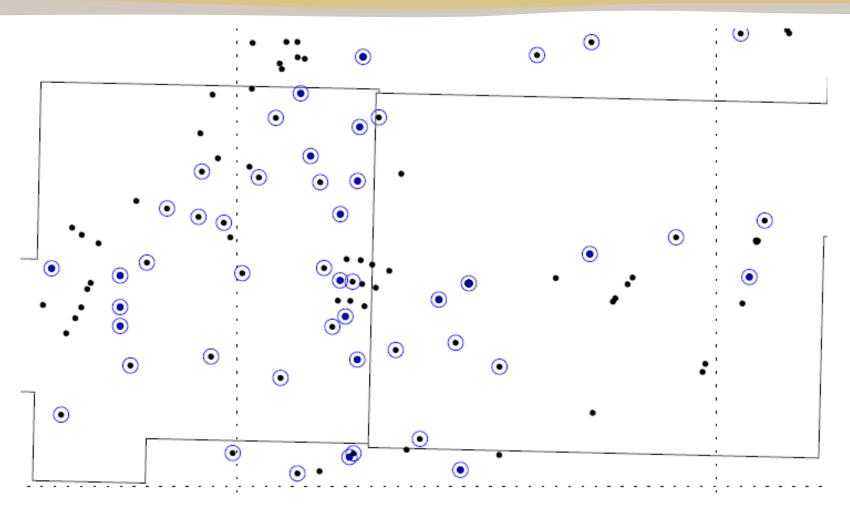




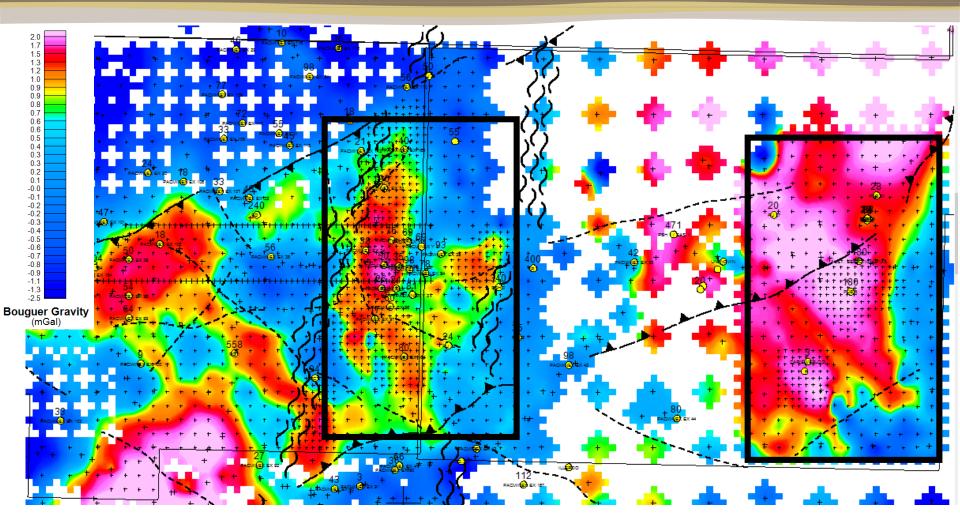
Residual Regional Bouguer gravity (2.67g/cc) with regional structure and interpreted felsic intrusives (Hiltiba equivalent?) in pink and gravity features in blue. Dominate NE/NW trending fault arrays. Tenement width ~60km.



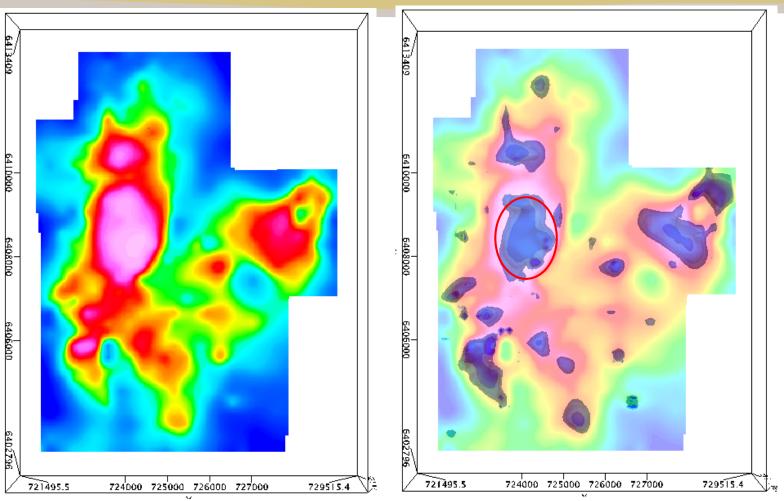
Residual Regional RTP Magnetics with regional structure and interpreted felsic intrusives (Hiltiba equivalent?) in pink and gravity features in blue. **Dominate NE/NW trending fault arrays with Olympic Domain Boundary(?) in red**. Tenement width ~60km.



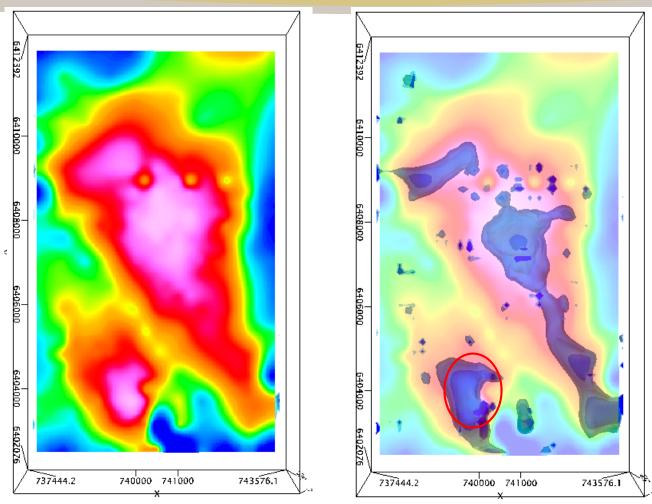
Open file and historical drill holes small dots, holes that have been assayed for copper circled in blue. Solid blue dots copper assays >250ppm. Figure width ~40km.



Residual (<2000m) Detailed Bouguer gravity (2.67g/cc) with regional structure. Dominate NE/NW trending fault arrays. Tenement width ~60km. Detailed station locations in black. Detailed gravity modelling areas in black rectangles

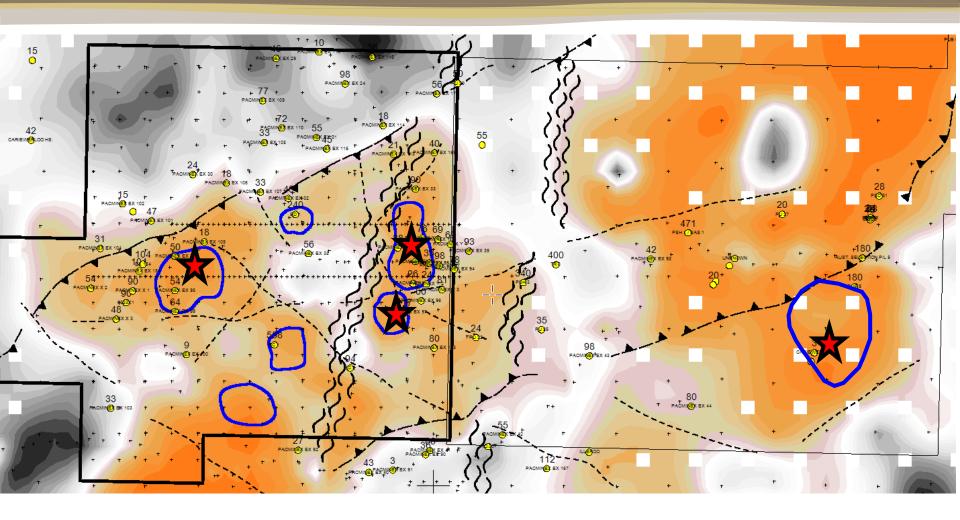


Residual detailed Bouguer gravity (2.67g/cc) for the Six Mile area with preliminary  $100m \times 100m \times 50m$  gravity model on the right. Gravity (blue) – Isosurfaces of density, +0.075g/cc light blue outer shell, +0.15g/cc in dark blue inner (0.15g/cc equivalent to Prominent Hill early modelling). Main target area shown in red

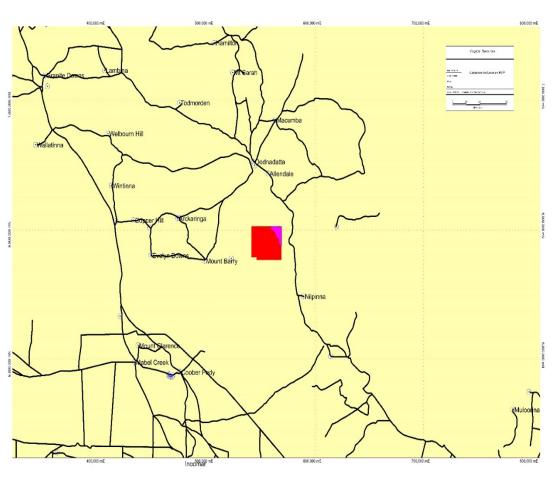


- Most of the 0.15 g/cc density iso-surfaces are <350m from surface.</li>
- The large central feature, however, is ~1000m from surface

Residual detailed Bouguer gravity (2.67g/cc) for the Six Mile East area with preliminary 100m x 100m x 50m gravity model on the right. Gravity (blue) – Isosurfaces of density, +0.075g/cc light blue outer shell,+0.15g/cc in dark blue inner (0.15g/cc equivalent to Prominent Hill early modelling). Target area shown in red.

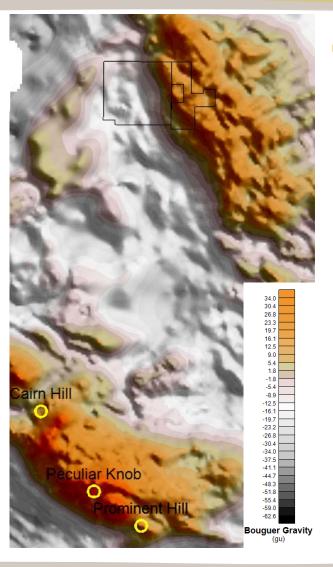


Residual Regional Bouguer gravity (2.67g/cc) with drill holes in yellow with total depth above and gravity features from regional data in blue. Dominate NE/NW trending fault arrays. Conceptual drill hole locations annotated with stars. Figure width ~40km.



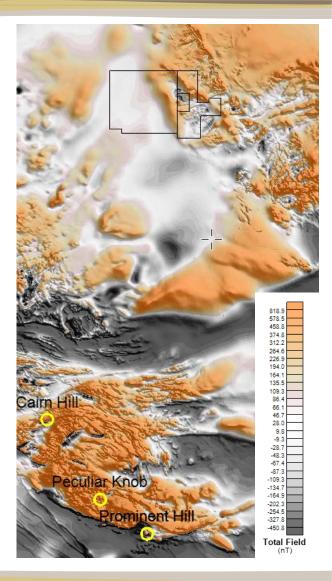
- The Cootanoorina Project lies approximately 60km to the south of the regional center of Oodnadatta in central outback South Australia
- The Cootanoorina project consists of EL 4462 and the newly granted 2 year EL 5487 immediately east of EL 4462 (both 100% owned)
- Ground based, geophysical gravity survey has been completed at the Cootanoorina project
- Kingston has signed Native Title Mining Agreements (NTMA) with local traditional land owners Arabana Aboriginal Corporation

- The recently acquired detailed gravity has achieved the objective of better defining the depth and density of the northern target at Cootanoorina. In both cases the targets are shallower and more dense that models on 1km x 1km spaced data
- Preliminary density models will be now be combined with the drilling/ outcrop geology data to construct cross sections near each of the target areas to understand the subsurface geology and define drill targets
- Initial focus on higher priority targets at Six Mile

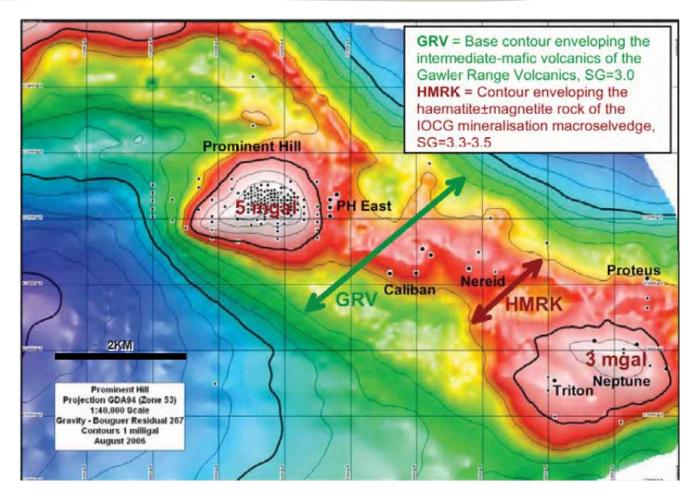


 Residual regional Bouguer gravity (2.67g/cc) with major deposit locations (left)

 Residual regional magnetic data with major deposit locations (right)



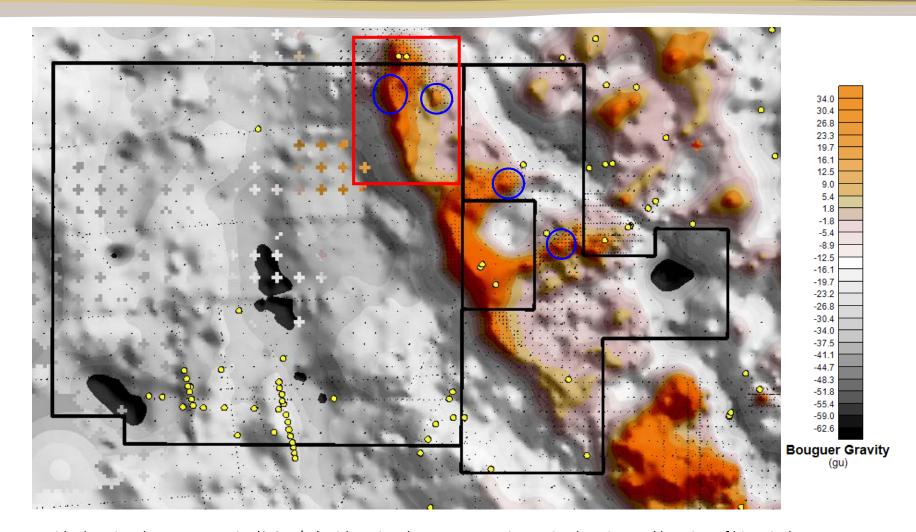
#### KINGSTON RESOURCES LIMITED - Prominent Hill



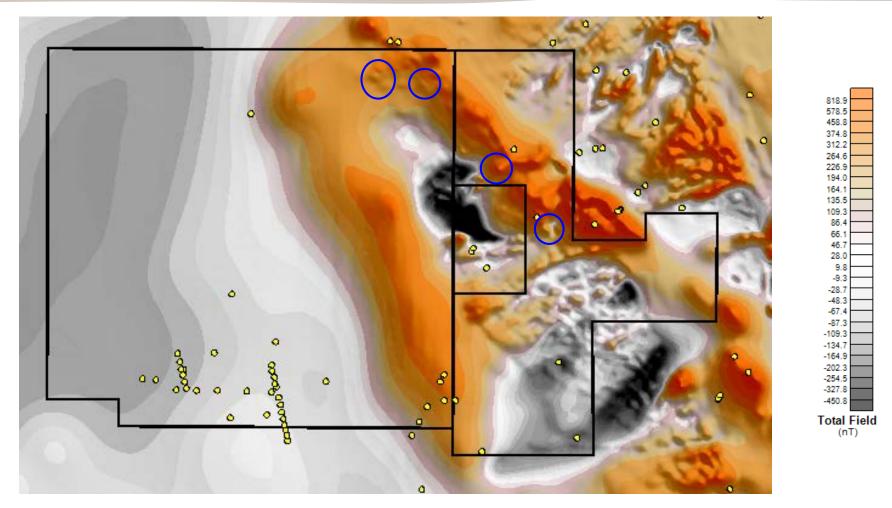
 Broader gravity high from Gawler Range Volcanics with isolated 1km x 1km highs from haematite/magnetite
 IOCG mineralisation

Taken from Oxiana presentation, 2006

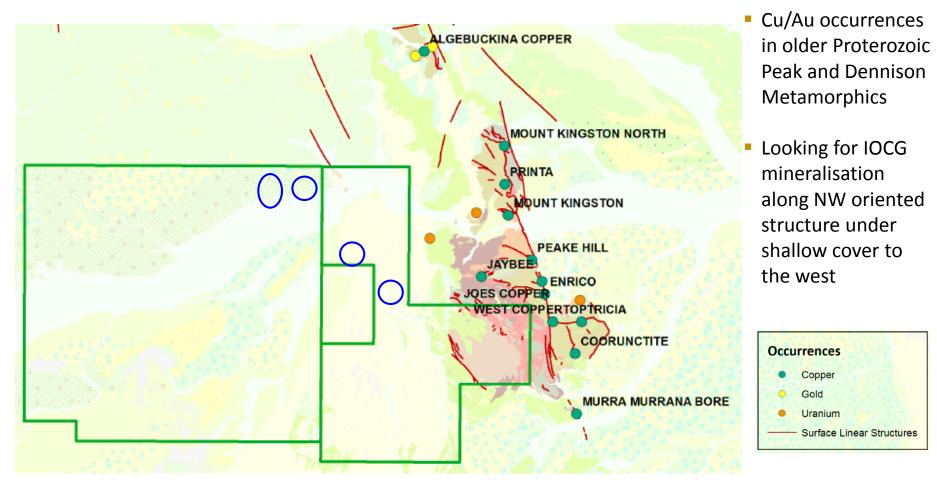
Note: KSN has no interest in Prominent Hill



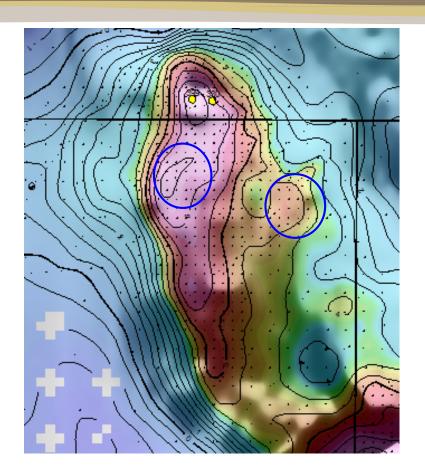
Residual Regional Bouguer gravity (2.67g/cc) with regional structure, gravity station location and location of historical drilling. **NE/NW trending faults**. Tenement width  $^{\sim}46$ km. Northern target area shown in red.

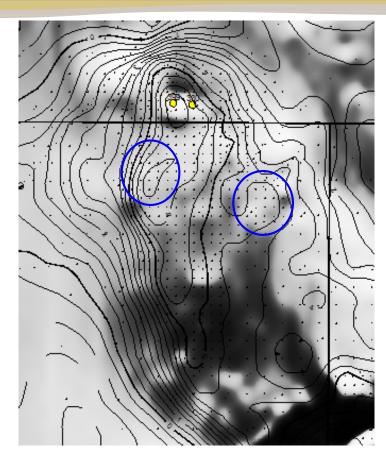


Residual Regional RTP Magnetics with regional structure and locations of historical drilling. **NE/NW trending faults**. Tenement width ~46km.

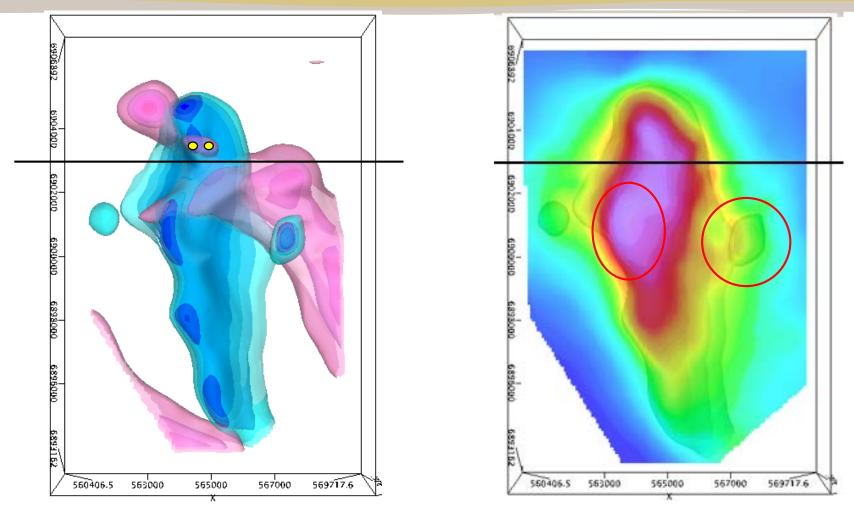


Surface geology, target locations with mineral occurrences. Tenement width ~46km.

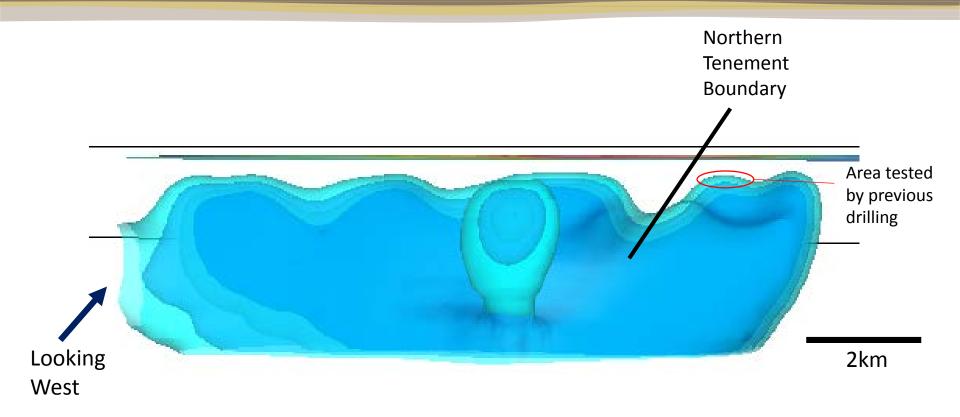




Residual Bouguer gravity (2.67 g/cc) colour image and contours for the northern target area with government and recently acquired gravity stations shown in black. Magnetics in grey scale shown in black and white image with gravity contours as overlay. Shallow magnetic features are associated with gravity highs (volcanics in drilling to north). Gravity features of interested in zones of subtle magnetic response.



Gravity (blue)— Isosurfaces of density, +0.15g/cc in dark blue (depth to top ~350m at shallowest). Magnetics (pink) — Isosurfaces of susceptibility,  $+100 \times 10-3 \text{ SI}$  in pink. Potential targets shown in red.



Gravity (blue)— Isosurfaces of density, +0.15g/cc in dark blue (depth to top  $\sim$ 350m at shallowest). Isolated gravity feature shown in the centre of the figure and other target directly behind it on the feature with significant strike length

#### **KINGSTON** RESOURCES LIMITED

#### Competent Person Statement

The information in this presentation that relates to results of geophysical exploration is based upon information compiled by Mr Barry Bourne, who is employed as a Consultant to the Company through geophysical consultancy Terra Resources Pty Ltd. Mr Bourne is a fellow of the Australian Institute of Geoscientists and a member of the Australian Society of Exploration Geophysicists. He has proper and relevant experience with the styles of mineralisation as well as the kinds of mineral deposits under consideration and activities undertaken. This is sufficient to qualify him as a "Competent Person" as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bourne consents to the inclusion in the presentation of matters based on information in the form and context in which it appears.

Please see Exploration Update released to ASX 30<sup>th</sup> October 2014 for information in regard to JORC Code 2012 edition reporting information.