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30<sup>th</sup> August 2011

Company Announcements Platform Australian Stock Exchange 10<sup>th</sup> Floor, 20 Bond Street Sydney, NSW 2000

# **Hughenden Project Exploration Target**

# **HUGHENDEN PROJECT**

The Hughenden Project is located in the northern end of the coal bearing Galilee Basin in Queensland, Australia. The Project covers approximately 16,500 square kilometres of exploration permit applications for coal of which an estimated 11,500 square kilometres has been granted.

The project target is for substantial export thermal coal tonnages with open cut and underground mining potential which are located in close proximity to infrastructure with the Mt Isa to Townsville rail line running across the project area.

# **EXPLORATION TARGET**

Independent Geologists - Moultrie Database and Modelling (MDM) have completed a comprehensive compilation and assessment of recent and historical geological and exploration data and have developed an Exploration Target for the Hughenden Project. Borehole collars and seam picks interpreted by MDM personnel were collated into a Microsoft Access Database and then transferred to the Minescape mine planning system to enable seam correlation and target range estimation.

# The Exploration Target has been calculated as 0.58 billion tonnes to 5.72 billion tonnes.

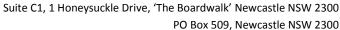
There is potential for this target to increase with further definition of the Permian Betts Creeks seams supported by positive results from the current exploration program.

The MDM analysis of exploration results to date also confirms that a JORC underground inferred resource on EPC1477 could be declared following completion and analysis of the current exploration hole being cored.

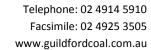
It is important to note that references to Exploration Targets are in accordance with the guidelines of the JORC Code (2004). As such it is important to note that in relation to reported Exploration Targets any references to quality and quantity are conceptual in nature. Exploration carried out to date is insufficient to be able to estimate and report Coal Resources in accordance with the guidelines of the JORC Code (2004). It is uncertain if further exploration will result in the determination of a Coal Resource.

# **ASIAN ROADSHOW**

Attached is a copy of the Presentation to be given by the Chairman Mr Craig Ransley and Managing Director Mr Mick Avery this week in Hong Kong and Singapore.









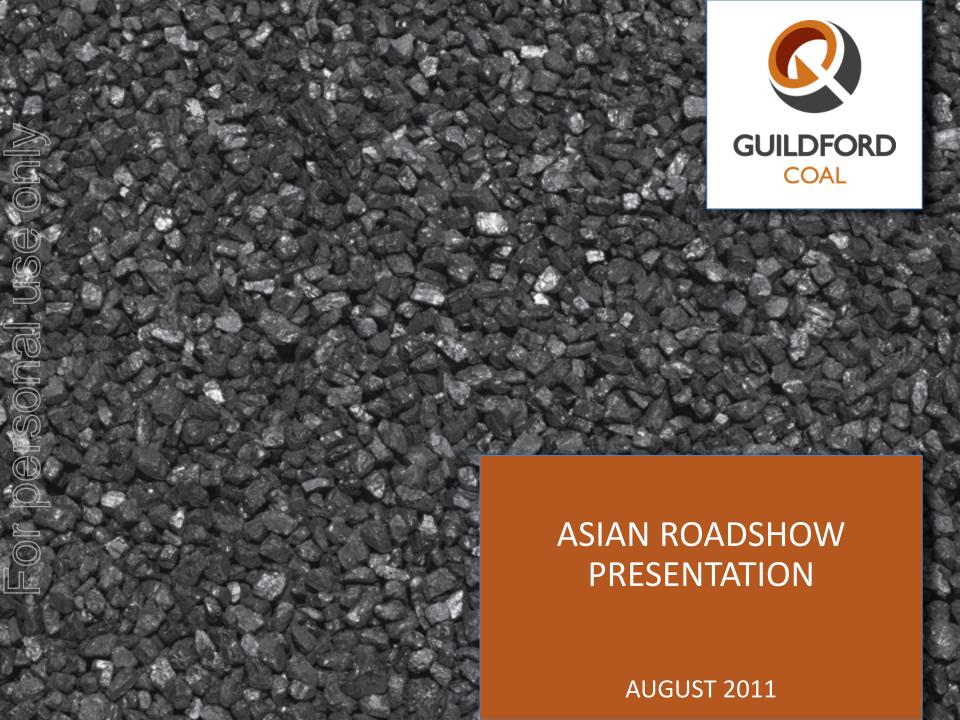
For and on behalf of Guildford Coal Limited

/ X

Mr Michael Avery Managing Director 02 4914 5910

# **Competent Person Statement**

Technical information relating specifically to the Exploration Target for the Hughenden Project in this report has been compiled by Mr Mark Biggs, Principal Geologist of Moultrie Database and Modelling. Mr Biggs is a member of the Australasian Institute of Mining and Metallurgy and has over 25 years of experience relevant to the style and type of coal deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined by the Australasian Code for Reporting of Minerals Resources and Reserves (JORC) 2004. The resource information in this report is being released to the Australian Securities Exchange. Mark Biggs consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.





# **Cautionary Statement**

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Investors are cautioned that any forward-looking statements are not guarantees of future performance and that actual results or developments may differ materially from those projected in forward-looking statements.





# CORPORATE OVERVIEW



GUF Geologist on South Gobi Project



# **CORPORATE OVERVIEW**

# **ASX Code: GUF**

# **Capital Structure**

**Listed on ASX** 

22 July 2010

**Share Price Chart** 

**Shares on Issue** 

417.5 million

**Share Price** 

\$0.985 (26/8/11)

**Market Cap** 

A\$411 million

**Options on Issue** 

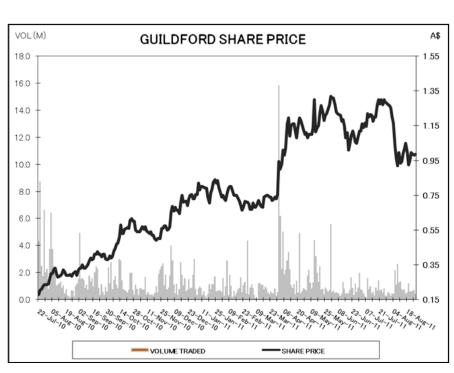
Nil

Cash (26 Aug 2011)

A\$21 million

**Enterprise Value** 

A\$390 million



or personal



# or personal

# CORPORATE OVERVIEW Projects

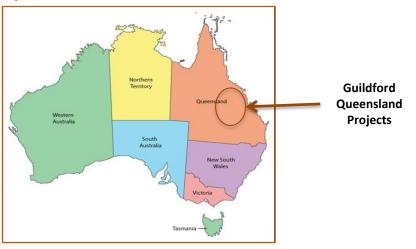
- Significant resource potential with an Exploration Target# for Projects managed by Guildford totalling:
  - Queensland 0.62Bt to 6.535Bt Thermal
  - Mongolia 29Mt to 0.731Bt Coking & Thermal
  - Total 0.649Bt to 7.266Bt
- Progressing to JORC Resource on multiple projects including Hughenden, South Gobi and Middle Gobi in Sept/Oct 2011
- Mining Licence application to be lodged for South Gobi Project in Sept/Oct 2011
- Commencement of drilling and confirmation of an Exploration Target on Hard Coking coal prospects at Kolan (Maryborough Basin) & Sierra (Bowen Basin) in 2011
- UBS engaged to assess potential listing on ASX of Terra Energy
- Target first coal in South Gobi Project in first half 2012 and generating free cashflow

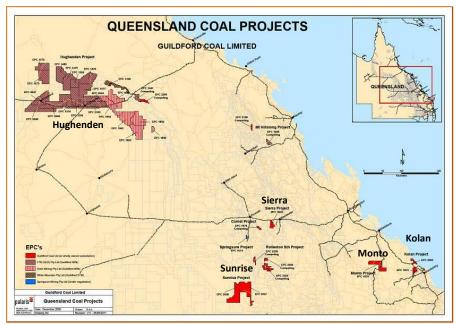






# **QUEENSLAND SNAPSHOT**





# **Summary of Portfolio:**

Estimated 20,000km<sup>2</sup> of exploration tenement located across Queensland's major coal bearing basins including:

- Bowen
- Galilee
- Maryborough

# **Target Coal Products:**

- Hard Coking
- Export Thermal
- PCI

# **Priority Projects:**

- Hughenden (Galilee Basin)
  - Exploration Target # of 0.62Bt to 6.535Bt
- Kolan (Maryborough Basin)
- Sierra (Bowen Basin)

# **Access to Infrastructure:**

All priority Projects have ready access to rail and port infrastructure

# **Exploration Plan:**

- 6 drills planned to be operating in 2011
  - 4 Hughenden
  - 1 Kolan
  - 1 Sierra



# **MONGOLIAN SNAPSHOT**

# **Summary of Portfolio**

 South Gobi Project with 5 exploration licences and Middle Gobi Project with 2 exploration licences

# **South Gobi Project:**

- · South Gobi Project is the priority project which covers large open cut coking and thermal coal prospects
- · Consisting of 5 exploration licences located in the South Gobi desert approximately 60km to the Chinese border
- Adjacent to two operating coal mines (SGS and MAK)
- Exploration Target # of 0 to 582Mt
- Mineral Reserve Statement to be lodged in 2011

# Middle Gobi Project:

- Middle Gobi Project comprises large open cut thermal coal prospects
- · Consisting of two exploration licences located in the **Dundgovi Province**
- · Approximately 200km north of the Tavan Tolgoi Project
- Exploration Target # of 29Mt to 149Mt

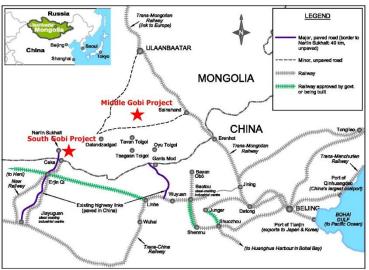
# **Target Coal Products:**

• Coking and Thermal Coal

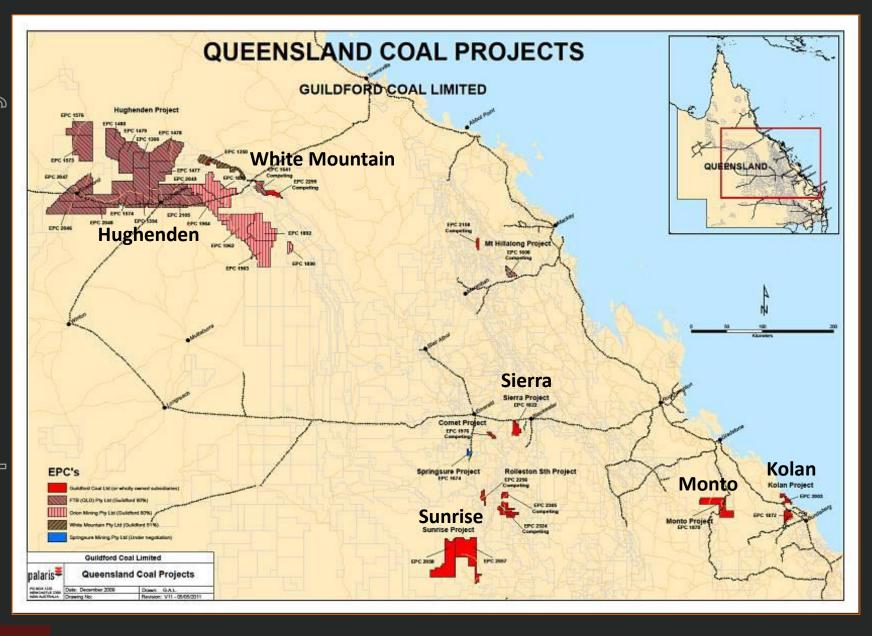
# **Exploration Plan:**

- 5 drills operating and 1 excavator trenching in 2011
  - 4 South Gobi
  - 1 Middle Gobi











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# QUEENSLAND PROJECT UPDATE Overview of Goals 2011/2012 FY

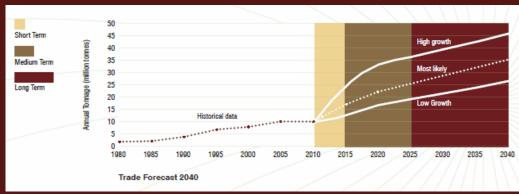
- Complete Feasibility on Hughenden Coal transport and shipping solution (ARG/POTL)
- Commence drilling on Sierra Coking Coal Project and confirm an Exploration Target and define a JORC Resource
- Commence drilling on Kolan Coking Coal Project EPC2003 and confirm an Exploration Target and define a JORC Resource
- Complete planned drill pattern on Hughenden Thermal Project EPC1477 and define JORC UG Resource
- Complete planned drill pattern on Hughenden Thermal Project White Mountain and define JORC OC Resource
- Identify areas of potentially thicker Eromanga Coal sequence with Scout drilling in Richmond and Blantyre areas on Hughenden Project
- Drill and define an Exploration Target on Hughenden Thermal Project -EPC1300/1478/1479
- Complete Pre-feasibility Study on Hughenden White Mountain Project
- Complete IAS on Hughenden White Mountain Project



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# QUEENSLAND PROJECT UPDATE Hughenden

- Independent Geologists (Moultrie) have developed an Exploration Target# for the Hughenden Project of <u>0.58Bt to 5.72Bt</u>
- Independent Geologists (Palaris) have also developed an Exploration Target# for the White Mountain Project of 40 to 815Mt
- Total Exploration Target<sup>#</sup> for combined Hughenden and White Mountain Projects of <u>0.62Bt to 6.535Bt</u>
- Signed MOU with ARG, the QR National subsidiary in November 2010, ARG is the primary rail operator on the Mt Isa to Townsville rail line that traverses the Hughenden Project
- Signed MOU with the Port of Townsville Limited to conduct a feasibility study on the logistics of exporting of coal through Townsville Port via the Eastern Rail Access Corridor





Port of Townsville Expansion Plans (courtesy POTL website)



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# QUEENSLAND PROJECT UPDATE Hughenden

- Despite impact of long and heavy wet season combined with some poor drill performance in some localised difficult drilling conditions now have four drills operating on the Project:
  - 2 drills on EPC1477 completing pattern for JORC UG Resource
  - 1 drill on EPC1300/1478/1479 scouting for shallow Permian Betts Creek
  - 1 drill on White Mountain drilling a pattern for JORC OC Resource
- Intersected significant coal seams on EPC1477 with an interpreted 11.9m of net coal from the Permian Betts Creek Beds with multiple individual seams up to 5.5m in thickness
- Overlying Eromanga Basin Blantyre coal sequence has also been intersected with thin seams reported to date.
  - Preliminary results of laboratory analysis conducted on core samples indicates this coal has some coking properties
  - Historical exploration reports showed thicker intersections of this Blantyre coal sequence in the old Blantyre UG Mine located on Guildford tenements where net coal thickness of over 4 metres was reported





Core Tray for GSQ Hughenden 3 located east of Guildford Hughenden Tenements

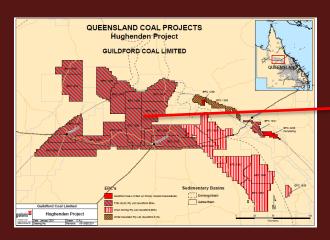


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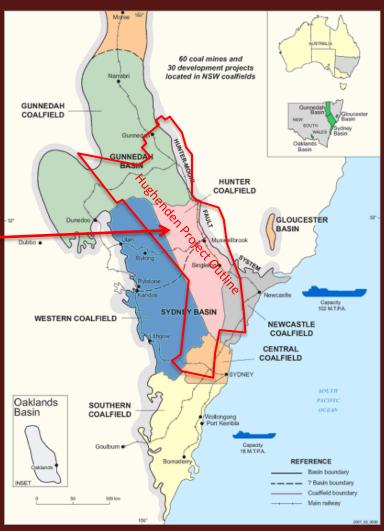
# QUEENSLAND PROJECT UPDATE

# Hughenden - Scale Potential

Exploration Target\* of 0.62Bt to 6.535Bt



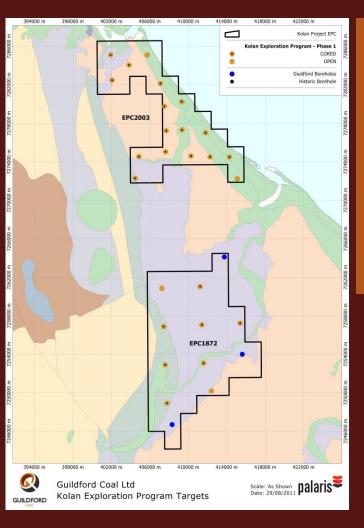
Note: Diagrams are only approximately scaled







# QUEENSLAND PROJECT UPDATE Kolan



- Located in the hard coking coal bearing Maryborough Basin in Queensland, Australia
- Estimated 23,700 hectares of coal exploration permit in two tenements which are 100% GUF owned – EPC1872 and EPC2003
- Exploration target is high value modest tonnage coking product with CSN of 8, low ash and low moisture
- Connected to the port of Gladstone via the Maryborough Northern Rail System which runs adjacent to the project
- The Kolan Project is a proponent for 1Mtpa of capacity in the Wiggins Island Coal Expansion Terminal Stage 2 at Gladstone
- Drilling has commenced on EPC2003 (1 drill currently)





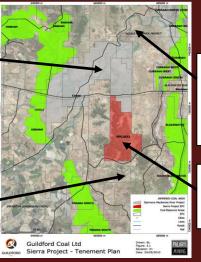
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# QUEENSLAND PROJECT UPDATE Sierra

# Stanmore McKenzie River Project 99Mt JORC Inferred Resource and additional 70-80Mt exploration target

# Newlands Resources Comet Ridge Project

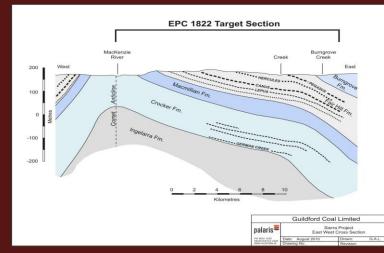
Target of 200 to 250Mt of Fair Hill Formation with raw CSN values of up to 8.5



Aquila Washpool Project 138Mt JORC Indicated and Inferred Burngrove

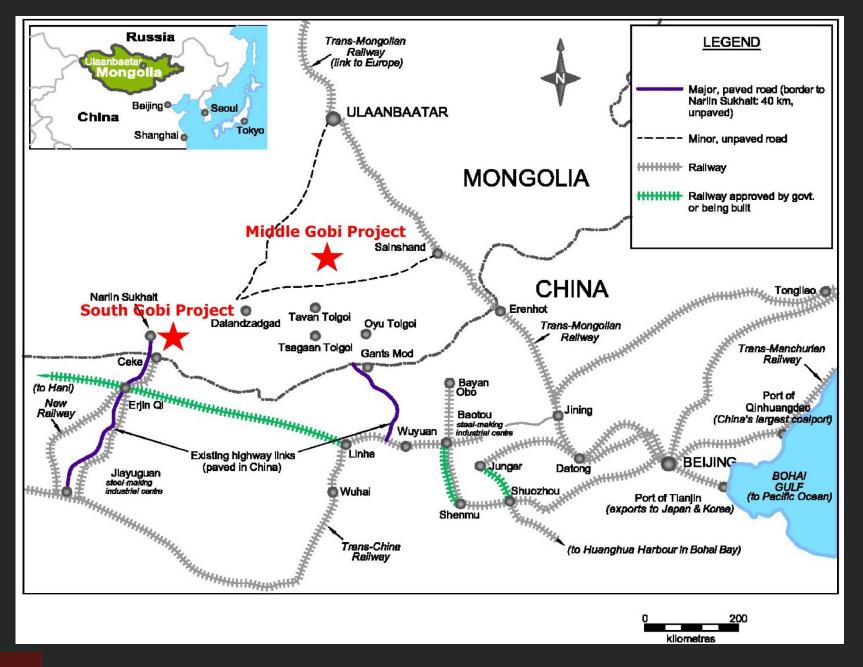
Formation

Guildford
Sierra Project
Fair Hill and
Burngrove
Formation target



- Hard coking coal target in Fair Hill, Burngrove and Crocker Formations of Bowen Basin Queensland, Australia
- Close to rail with the Blackwater rail system cutting across the northern edge of the tenement
- Drilling to the south by Newlands Resources Limited (NRL) in their Comet Ridge Project has confirmed the concept for the Sierra Project
- Multiple thick intersections of up to 14m thickness of the Fair Hill formation near surface were reported by NRL
- The coal was also reported by NRL to have raw CSN values of up to 8.5
- Based on this drilling NRL has reported a target of 200 to 250 million tonnes in its project based on a 5km strike extension of the Fair Hill formation
- The Guildford 100% owned Sierra Project has an interpreted <u>20km of strike extension</u> of the same Fair Hill formation running north-south across the project
- Drilling to commence on EPC1822 early in last quarter 2011







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# MONGOLIAN PROJECT UPDATE Overview of Goals 2011/2012 FY

- Guildford has engaged UBS to investigate listing of Terra Energy on ASX
- Complete drilling on South Gobi and Middle Gobi Project to define JORC Resource
- Complete Mineral Reserve Statement and obtain Mining Licence on South Gobi Project
- Engage Mining Contractor to do Scoping Study on South Gobi Project
- Execute Alliance Agreement with Mining Contractor on South Gobi Project
- Negotiate offtake agreement on South Gobi Project
- Mobilise and commence mining South Gobi Project



# MONGOLIAN PROJECT UPDATE South Gobi Project

- Field mapping of coal seam outcrop has been conducted with approximately 1.5 kilometres of coal outcrop
- Intersections with multiple exploration holes of thick coal seams that are near surface
- Of significance being approximately 21 metres apparent thickness of net coal intersected at potentially open cut mineable depths which included an estimated 13.7m seam apparent thickness (Core Tray photo shown below)
- An Exploration Target # range of <u>0 to 582Mt</u> for the potential resource domains within the Project tenements has been developed



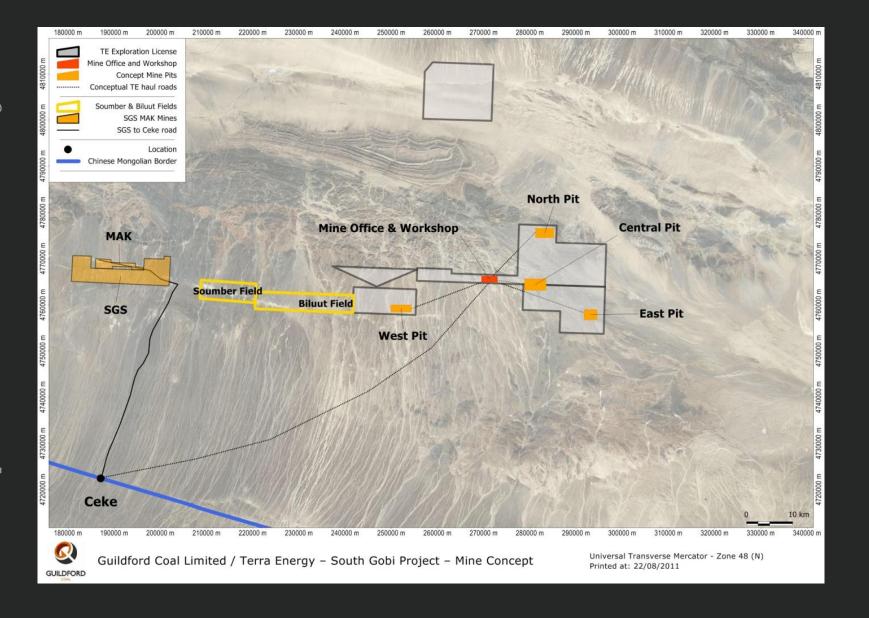




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# MONGOLIAN PROJECT UPDATE South Gobi Project

- The Guildford South Gobi Project is located approximately 50 km east of two operating mines and one large coal project which have a total coal resource estimated to be approximately 750 million tonnes:
  - The Nariin Sukait Mine is owned and operated by MAK-Qin Hua (a Mongolian and Chinese Joint Venture) and is otherwise known as MAK Mine
  - The Ovoot Tolgoi mine is located adjacent to the south of the MAK Mine and is owned and operated by SouthGobi Energy Resources (SGS) which is listed on the Hong Kong Stock Exchange
  - SGS is also developing a new deposit called Soumber which is approximately 20 km east of its current operation and 30km west of the South Gobi Project
- These current mines produce in excess of 5 Mtpa of high volatile bituminous coals which are marketed as separate thermal coal and coking coal products.
  - The coal is currently sold ROM (unwashed) at the mine gate to Chinese traders who transport the coal by truck to a Chinese border coal stockpile at Ceke where it is then transferred by rail to Chinese power stations and steel mills.
  - The target customers are the growing Chinese markets in Gansu province, Inner Mongolia and Shanxi province.
- The geology of the South Gobi region and competitive labour rates allow for low-cost production, with average ROM cash costs estimated at US\$20/t. Selling prices for unwashed ROM coal are estimated at between US\$40/t and US\$50/t purchased at mine gate.



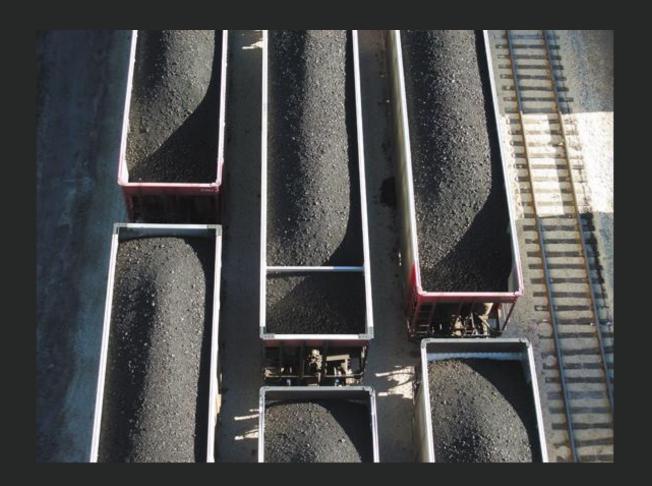


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# MONGOLIAN PROJECT UPDATE Middle Gobi Project



- Field mapping of coal seam outcrop has been conducted within EL12929X of approximately 4 kilometres of coal outcrop
- Historical boreholes drilled within the central-northern area of EL12929X have encountered several coal seams with reported thicknesses of up to 16 metres
- Multiple coal intersections with coal seams intersected with net thicknesses ranging from 9m to 16m with drilling to date
- An Exploration Target # range of <u>29 to149 Mt</u> for the potential resource domains within EL12929X has been developed
- There is upside potential for further drilling to increase the exploration target on EP12929X plus the second Middle Gobi tenement also has mapped coal outcrop



**Thank You** 



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# **About Guildford**

Guildford Coal has established a portfolio of coal exploration tenement areas in Queensland, Australia and more recently in Mongolia. Guildford Coal's Queensland tenements cover an estimated area of 20,000 square kilometres and are defined within project areas as follows:

- Hughenden Project (Galilee / Eromanga Basins):
  - FTB (Qld) Pty Ltd (Guildford 80%)
  - Orion Mining Pty Ltd (Guildford 80%)
  - White Mountain Project EPC1250 (Guildford 100%)
    - EPC1260 (Guildford 51%)
- Kolan Project (Maryborough Basin);
- Sierra Project (Bowen Basin);
- Comet Project (Bowen Basin);
- Sunrise Project (Surat/Bowen Basin);
- Monto Project (Nagoorin Graben).

Guildford Coal has an equity share in 6 tenements contained in two projects in Mongolia through its 70% shareholding in Terra Energy LLC. The coal projects are located in the South Gobi and Middle Gobi coal bearing basins which contain thermal and coking coals.

Guildford Coal's key objective is to create shareholder value through the identification, securing and exploration and potential development of coal deposits. In order to achieve this objective, Guildford Coal intends to:

- Drill and assess existing exploration permits with the aim of establishing coal resources;
- Complement and diversify Guildford Coal's existing portfolio through application for and acquisition of additional coal assets;
- Undertake project development for high priority targets where economic coal deposits are proven; and
- Ultimately produce and sell a variety of coal products into export markets if successful in exploration objectives.



26

# **Competent Persons Statement**

# # Exploration Target

References to Exploration Targets in this document are in accordance with the guidelines of the JORC Code (2004). As such it is important to note that in relation to reported Exploration Targets any references to quality and quantity are conceptual in nature. Exploration carried out to date is insufficient to be able to estimate and report coal resources in accordance with the JORC Code (2004). It is uncertain if further exploration will result in the determination of a Coal Resource.

# **Competent Persons Statement**

The information in this report is based on information compiled by Brendan Lloyd, who is a Member of the Australasian Institute of Mining and Metallurgy (208658) and has had sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activities which are 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'. Mr. Lloyd is Exploration Manager for Guildford Coal Limited engaged under secondment from Palaris Mining Pty Ltd and consents to the inclusion of the matters based on his information in the form and context in which it appears. Mr Lloyd has over 10 years experience in exploration and mining of coal deposits.

Technical information relating specifically to the Exploration Target for the Hughenden Project in this report has been compiled by Mr Mark Biggs, Principal Geologist of Moultrie Database and Modelling. Mr Biggs is a member of the Australasian Institute of Mining and Metallurgy and has over 25 years of experience relevant to the style and type of coal deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined by the Australasian Code for Reporting of Minerals Resources and Reserves (JORC) 2004. The resource information in this report is being released to the Australian Securities Exchange. Mark Biggs consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.