



ELIXIR ENERGY (ASX:EXR)

Noosa Mining Virtual Event

15 July 2020

Company Overview (ASX:EXR)

Active gas appraisal and exploration program on the Chinese border

- Elixir is solely focused on the 100% owned Nomgon IX Coal Bed Methane (CBM*) Production Sharing Contract (PSC) project in the South Gobi region of Mongolia
- Highly experienced CSG team – in Australia and increasingly in Mongolia
- Building upon Mongolia's first gas discovery announced in February
- Second stage appraisal and exploration program now underway
- Elixir has overcome virus related limitations
- Multiple market options, including the rapidly growing Chinese gas market

CAPITAL STRUCTURE	Current (million)
Ordinary Shares	688
Listed Options (ex 6.79c by 31.12.20)	119
Performance Shares & unlisted options	28
Market Capitalisation (at 4.5c)	\$31.0M
Pro-forma cash at 30 th June	\$3.3M
Enterprise Value	\$27.7M



* - CSG is generally referred to as CBM outside Australia

Board of Directors

Highly experienced CSG team



Richard Cottee
Non-Executive Chairman

- Former Managing Director of CSG focused Queensland Gas Corporation (QGC), taking it from market cap of \$20M to \$5.7B
- Other former CEO positions include CS Energy, NRG Europe & Central Petroleum



Neil Young
Managing Director

- Former Business Development Manager at Santos, where he helped build Santos' CSG business
- Has worked in Mongolia since 2011



Stephen Kelemen
Non-Executive Director

- Extensive technical and commercial career at Santos, including managing its CSG business
- Current Non Executive Director at CSG focused Galilee Energy (GLL)

Nomgon 1 Post Well Analysis

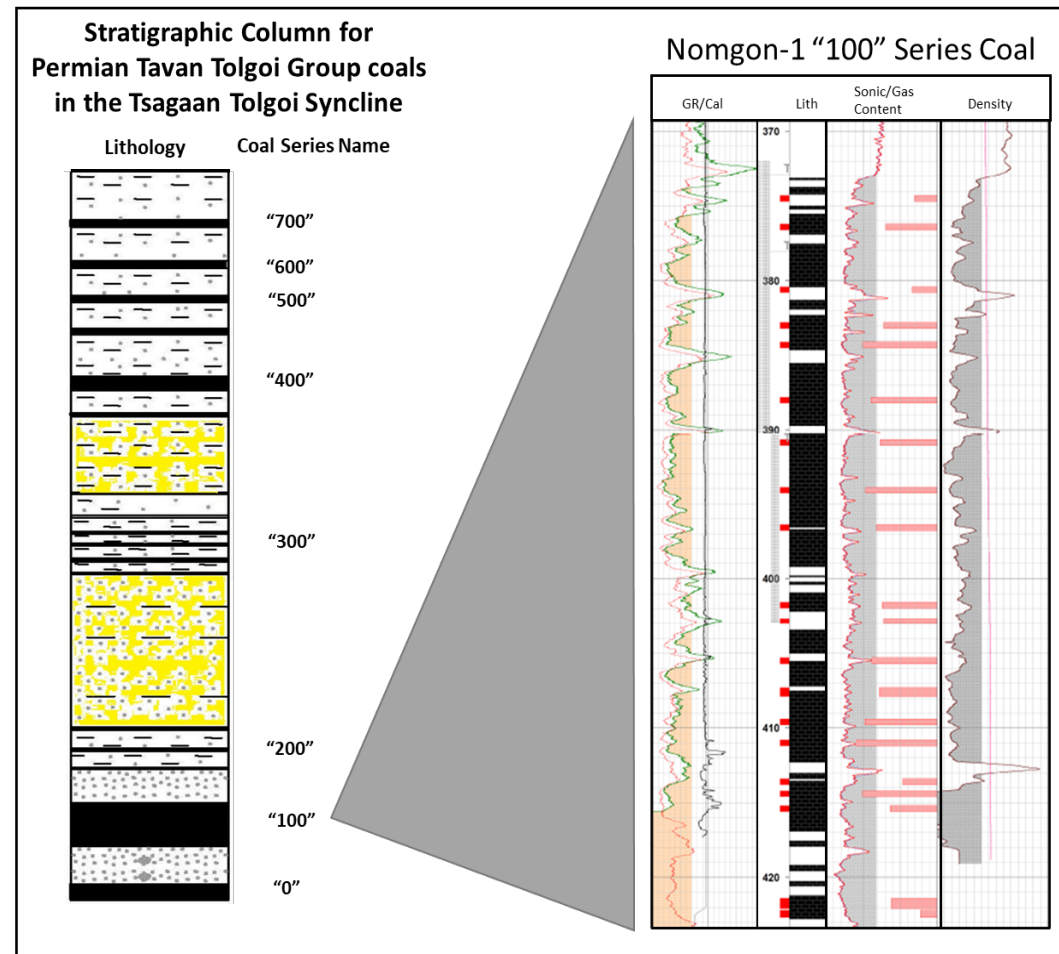
Final gas content and saturation numbers deliver strong result

Nomgon 1 Results¹:

- Net coal thickness: **71m** (“100” series coal seam 37m net)
- Ash Content²: 19%
- Moisture Content²: 9%
- *Dry Ash Free (DAF) Ave Gas Content²: **8.9 m³/t** for “100” series*
- **Main seam fully gas saturated**

¹ As reported on 26 February 2020

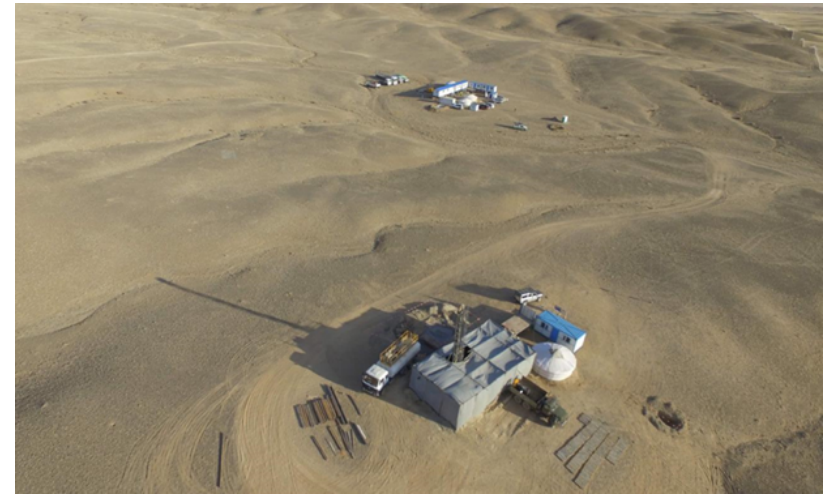
² Proximate analysis undertaken over selected samples, not all samples



Overcoming COVID-19

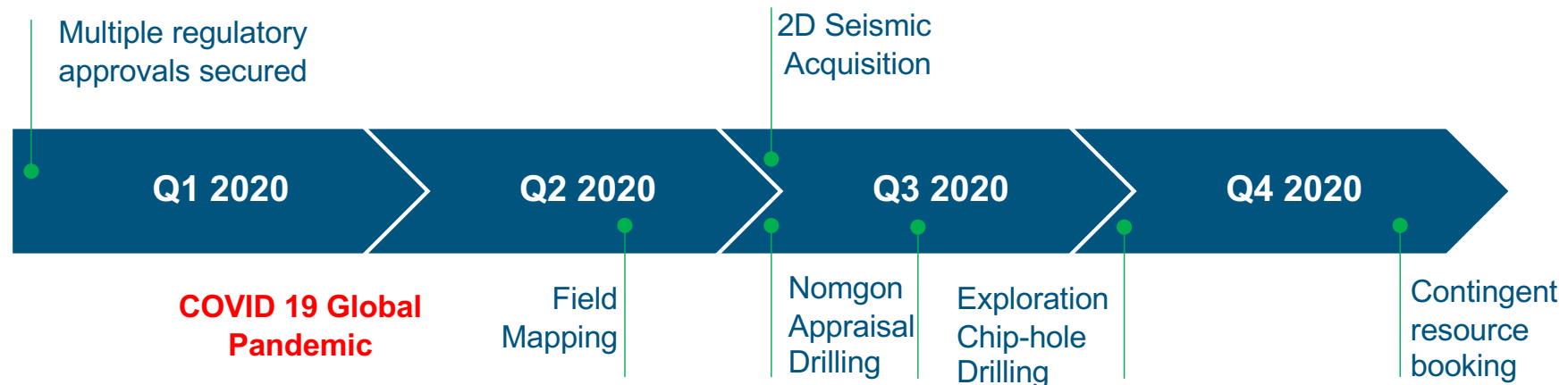
Elixir is in a rare position to actively explore in the time of the virus

- Mongolia has successfully contained COVID-19 to date with strong border controls
- Overall team of longstanding local management and experienced sub-contractors building upon learnings from first year's program
- Elixir's seismic & drilling contractors have adopted suitable virus management standards for the country
- No imports of equipment required
- Online expertise and management supervision from Australia successfully trialled earlier this year
- Resident expat support as required



Year 2 Program On Track

Meeting objectives of de-risking and expanding exploration targets



Elixir's Second Year Work Program in Nomgon IX will:

- 1 Appraise the Nomgon-1 CSG Discovery with progressively stepping out wells
- 2 Gather further data for a contingent resource booking in this area
- 3 Acquire new 2D seismic data along prospective trends
- 4 Explore in new sub-basins – drilling on 2019 *and* 2020 seismic
- 5 Build the sub-surface foundations for offtake projects such as small scale LNG
- 6 Frame farm-out options across the 30,000 km² PSC area

Multi-faceted 2020 Program

Field work program now underway

APPRAISAL

G&G

- Analysis (largely completed)
- Field Mapping (ongoing)

DRILLING

- 1 Core-hole
- 3 Strat-holes

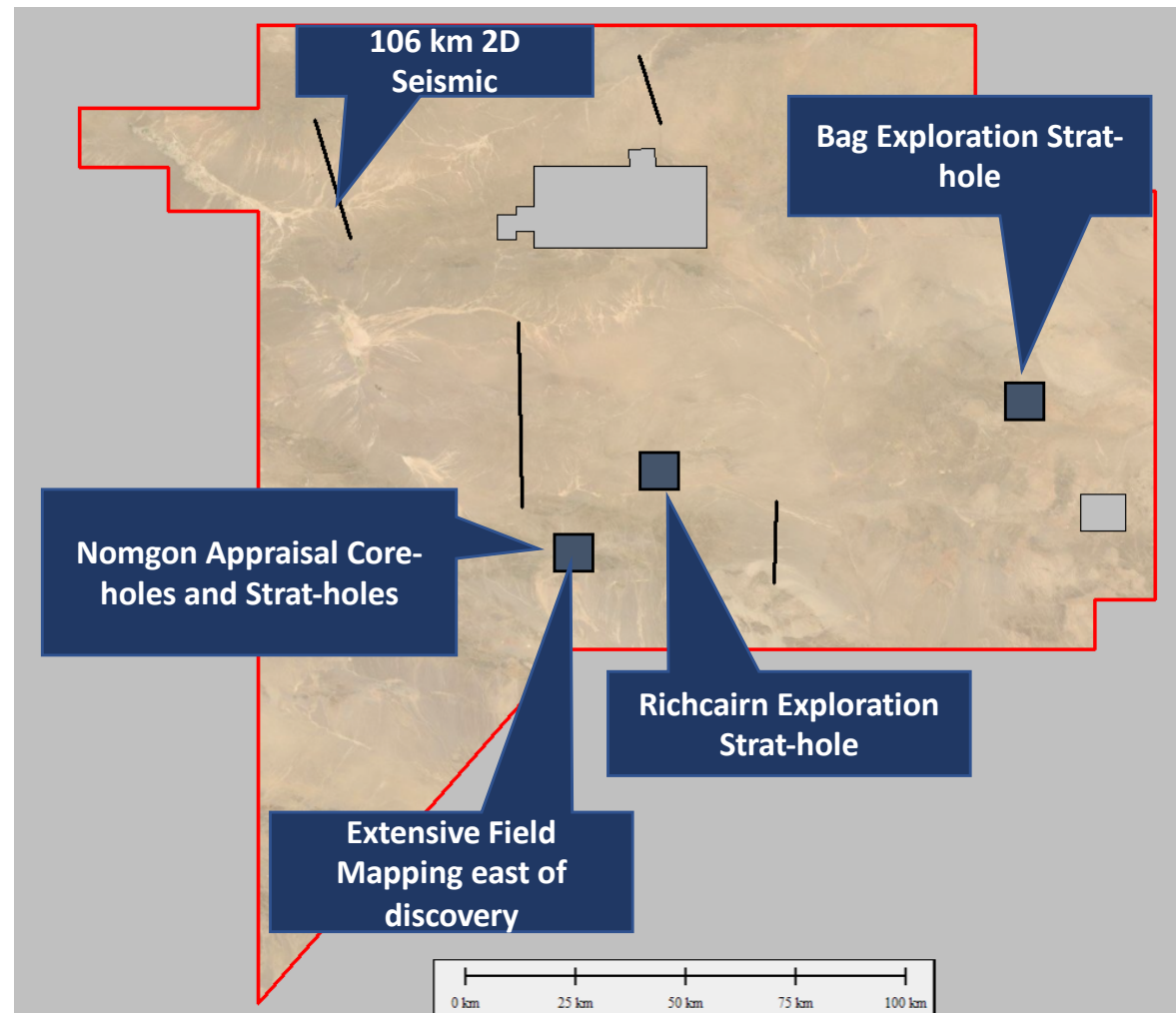
EXPLORATION

SEISMIC

- 106 km 2D

DRILLING

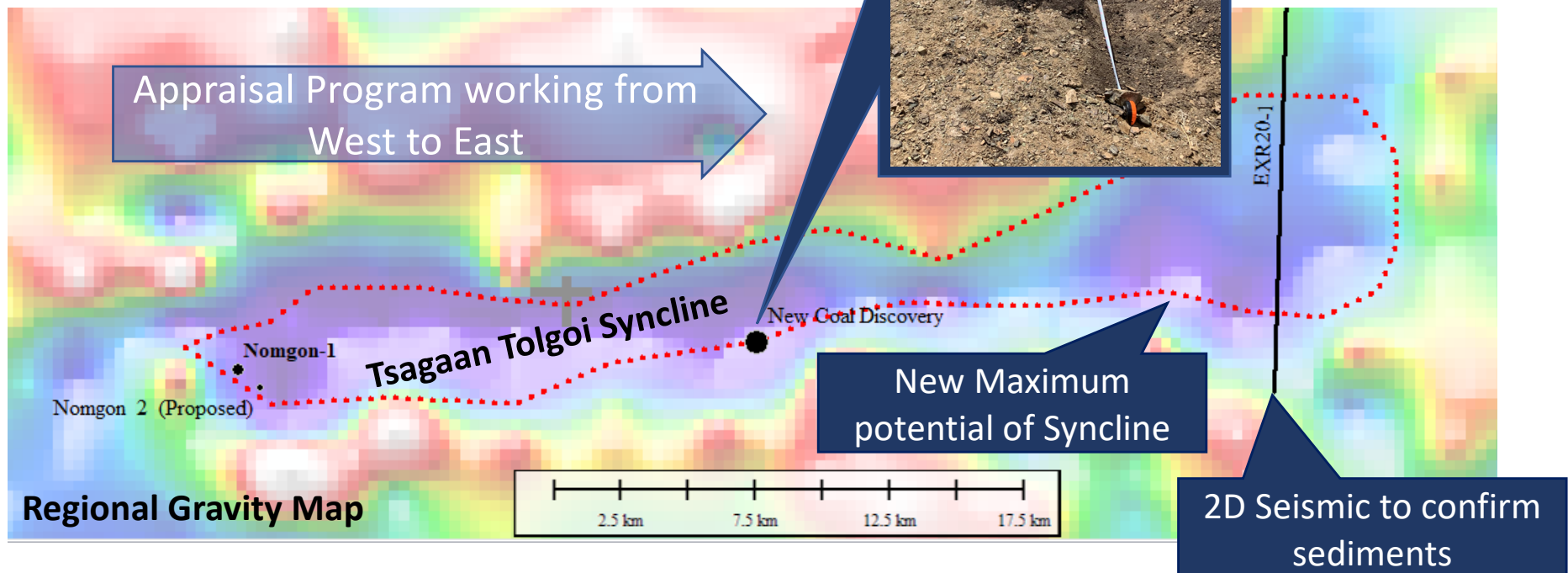
- Multiple options to optimise program as e.g. seismic results come in
- 2-4 Strat-holes
- Possible core-hole



Field Mapping and Field Appraisal

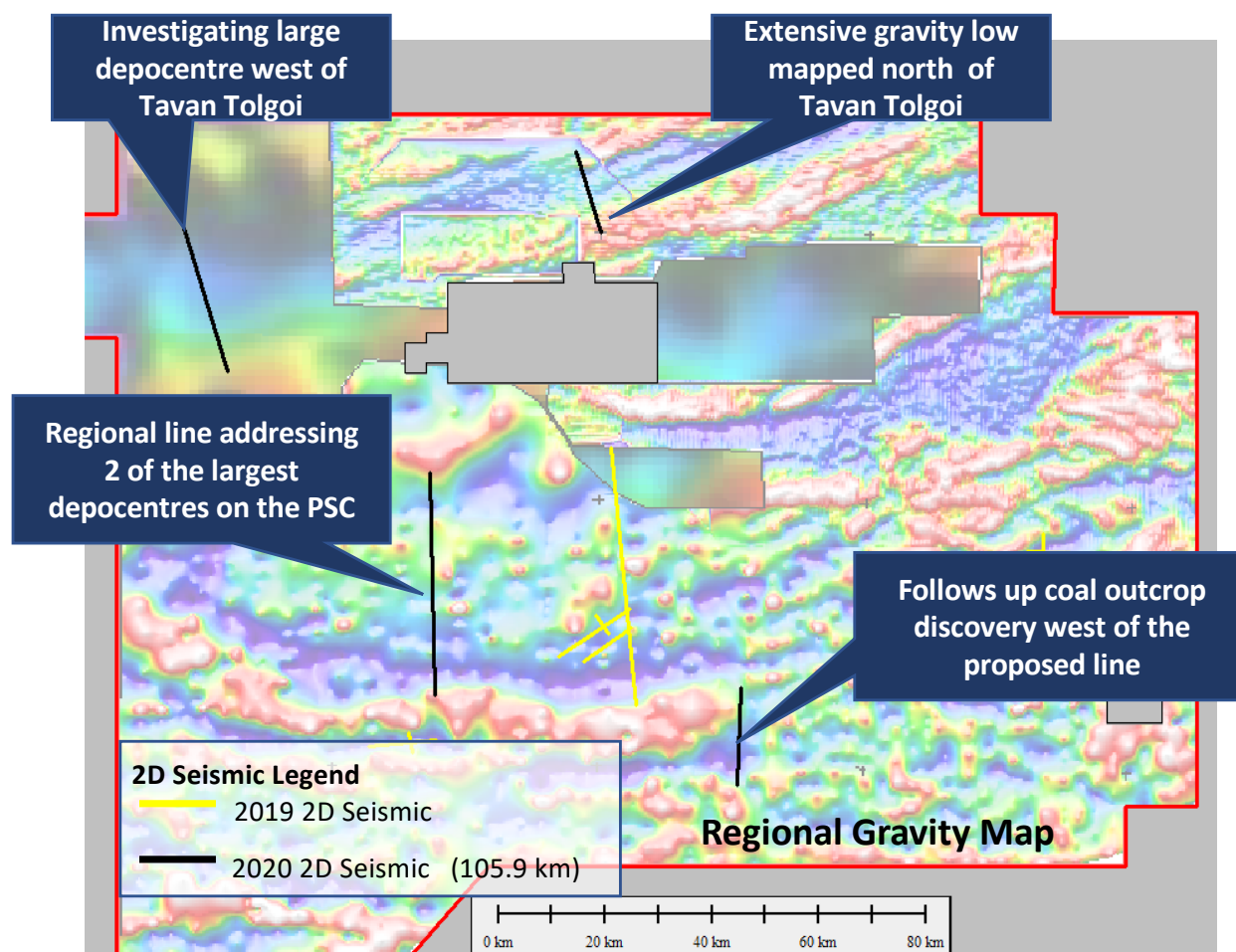
Coal outcrop discovery significantly extends syncline

- Field geologists identify previously unknown coal outcrop
- Coal outcrop significantly extends the potential of the Nomgon gas discovery
- Field work enables accurate siting of Nomgon appraisal and exploration wells



Upgraded Seismic Program

2D seismic program for 2020 focused on large exploration targets

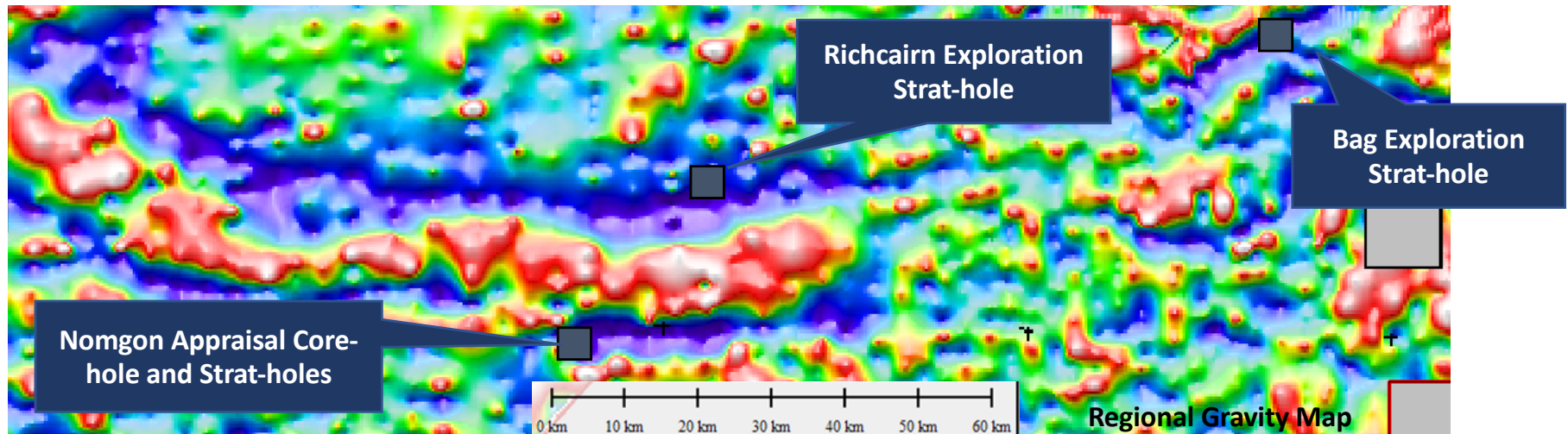


Elixir and Microseismic personnel inspecting line locations in favourable terrain for acquiring seismic



2020 Drilling Program

Drilling program includes a mix of a fully tested core-hole(s) & strat-holes



Core-Holes vs Strat-Hole – Updated Nomenclature

Core-holes

- Optimal tool where coal known to be present
- Fully HQ cored and logged
- Wellsite geology supervision
- Full desorption capability on site
- Full suite wireline logs
- IFOT permeability testing

Strat-holes

- Used for both exploration and appraisal
- Drilled by the fastest method
- Could be chipped or cored – sub-contractor optimises based on location
- Limited desorption capability
- Full suite wireline logs
- Cost ~1/3 of Core-holes

All drilling is turnkey - fixed price per metre

Summary of Current Field Program

Expanding existing discovery and opening up new regions of the 30,000 km² PSC

- ✓ COVID-19 risks being managed
- ✓ All regulatory matters addressed in a timely fashion
- ✓ Appraising Nomgon 1 Discovery
- ✓ Ongoing exploration in the massive PSC
- ✓ 106 km 2D seismic acquisition program
- ✓ Flexible drilling program of 1-2 coreholes and up to 6 strat-holes
- ✓ Positioning for independent resource booking and enhanced farm-out options

- Gas pricing is increasingly de-linking from weak oil markets. Whilst some suggest oil demand could be peaking, forecasts for gas are much more bullish
- Oil's key markets are transportation related. However, gas meets heating, power & industrial needs, which have proven more resilient and are likely to bounce back early and strong
- Gas can be geo-political. Growing tensions between the US and China could lead the latter to re-double its efforts to focus on security of supply
- Gazprom is accelerating its plans for Power of Siberia-2 – with Mongolia as a transit nation. Such nations typically secure rights to access pipelines for indigenous gas

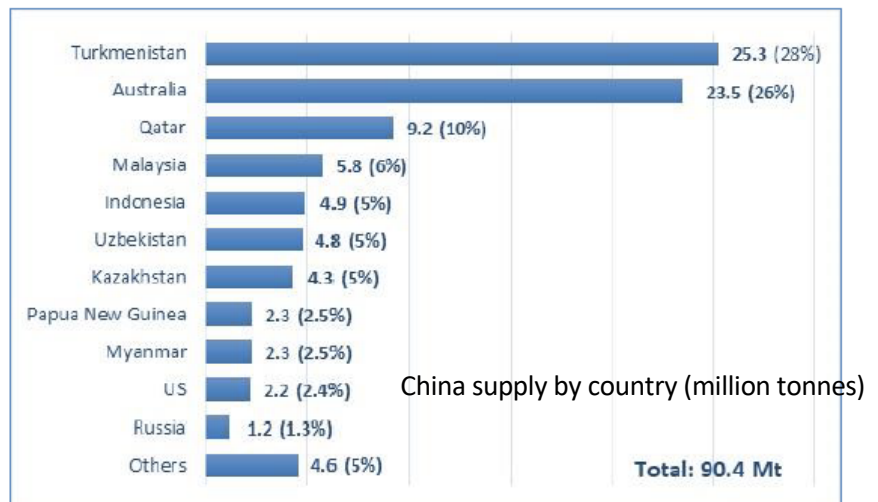
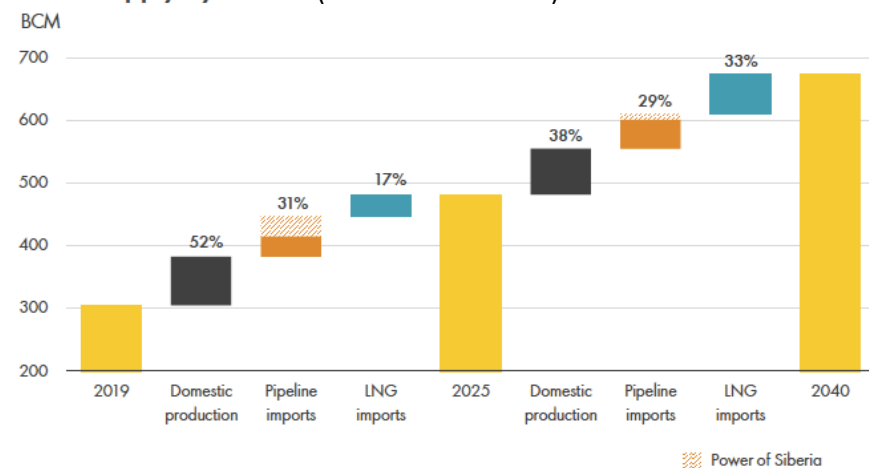


Next Door to China's Gas Market

China's rapidly growing appetite for gas will endure through COVID-19

- Shell's LNG Outlook 2020 (graph opposite) estimates Chinese gas demand will more than double by 2040
- China imports gas from every direction and seeks to continually diversify its sources of supply
- Mongolian CSG expected to be highly cost competitive compared to alternative sources of gas for China
- From China's point of view Mongolian gas is very low sovereign risk
- Gas can effectively be exported by pipeline or electricity transmission
- CSG delivered from Mongolia should have a lower carbon footprint than other Chinese gas imports

China supply by source (billion cubic metres)

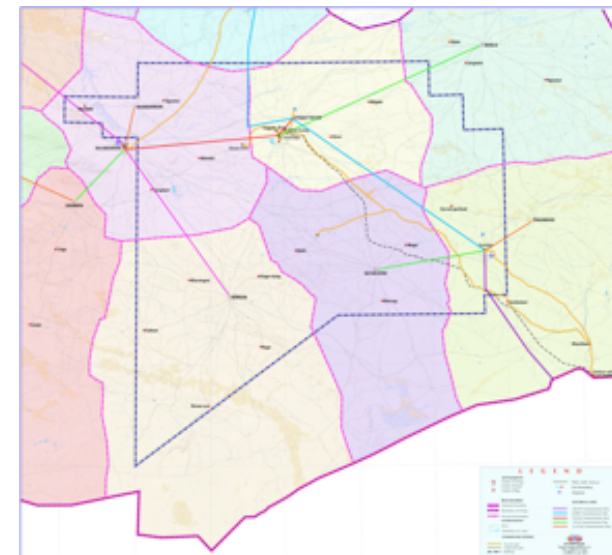


Source: CEDIGAZ, GAC, GIIGNL

Multiple Market Opportunities

Export pipeline only one option for Nomgon PSC Gas

- Existing large-scale electricity transmission running through the PSC has large spare capacity and Mongolia's grid needs new power sources
- Local mining and mineral processing needs new power sources – e.g. Rio Tinto's operated Oyu Tolgoi mine (inside the PSC) is seeking new local power generation to replace Chinese imports
- Numerous small scale LNG (SSLNG) plants in China could be replicated – to e.g. supply local large coal trucking fleets
- Elixir recently signed a MOU re a SSLNG partnership with a large Mongolian fuel retailer
- The Asian Super Grid project plans large scale new transmission lines through the Gobi region where the Nomgon PSC sits
- Gas complements high-quality renewable resources in the Gobi – and in the long term could be a very well located hydrogen feedstock source



Investment Highlights



Elixir has a highly favourable risk-reward profile

- Elixir delivers on strategy with first CSG discovery made in Mongolia
- Rapid follow up with 2020 appraisal and exploration program now underway
- 100% ownership position maximizes optionality to pursue value adding farm-out(s)
- Low cost, safe and increasingly experienced Operator – validated by ability to work under virus conditions
- Deep CSG expertise from Australia being transmitted to Mongolia
- Multiple market channels, both local and export. COVID-19 does not change this dynamic
- Gas symbiotic with high quality renewable resources demanded in Asia



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