

# Developing a large scale exploration opportunity into a production focused mining company

July 2011

# VEHICLE – STRATEGIC POOLED DEVELOPMENT LTD ASX - SPD

This presentation contains important information and should be read in its entirety

All currency figures are in A\$





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# 1. INVESTMENT OVERVIEW



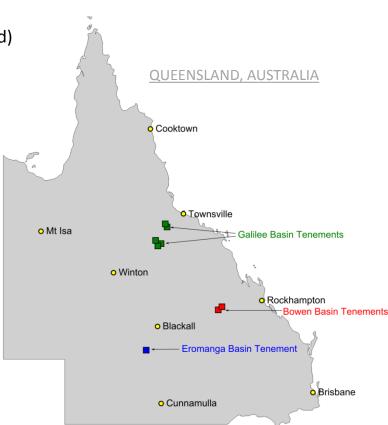
### **INVESTMENT HIGHLIGHTS**



- Portfolio of high quality exploration assets, from proven Queensland target generators (Bandanna Energy Ltd.).
- Thermal and coking coal tonnage potential (Exploration Targets), early stage resource definition
- Excellent mix of near term and mid term development projects
- Development timelines well developed, drill rigs contracted, technical staff in place
- Over **1568.11 Km²** of exploration areas in premier coal basins within Queensland and British Columbia (Canada)
- Experienced management and technical team with 14 experienced in-house geologists
- All tenements owned 100%

Already in discussion with port and rail developers (Queensland)





## **COAL EXPLORATION TARGETS**



	Tenure No.	Name	Coal Type	Mining Method	Exploration Target (MT) (Lower Estimate)	Exploration Target (MT) (Upper Estimate)
	EPC1954	Jeffries Creek	Thermal/PCI /Coking?	ОС	120	230
				UG	770	1,440
Australia	EPC1969 & EPCA 1857			ОС	320	540
Aus	EPC1663, 1754, EPCA 2050	Pigeonhole Creek, Bully Creek, Row Creek	Thermal	ОС	5,950	10,090
	EPC1673	Sherwood Park	Thermal	ОС	1,420	2,430
Canada	British Columbia	Adams	Coking	OC/UG	90	270
Can	British Columbia	ritish Columbia Mt Spieker		OC/UG	26	46
		TOTALS (MT)		AUSTRALIA	8,580	14,730
		TOTALS (MT)		CANADA	116	316
		TOTALS (MT)		ALL	8,696	15,046

Exploration Targets have insufficient information at this time to define a Mineral Resource that would satisfy the JORC Code and it is uncertain how much of this potential will be converted into a JORC compliant Resource with further drilling.



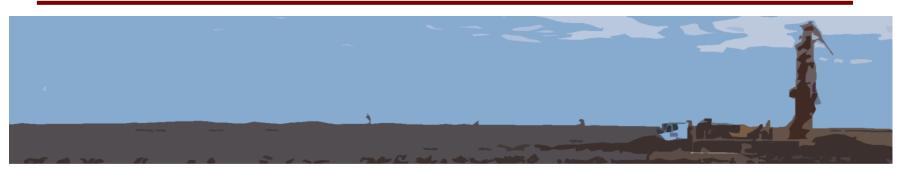
## **DEVELOPMENT TIMETABLE**

Resolve Energy's portfolio of coal assets contains 5 tenements within 7 km of existing rail infrastructure. Resolve Energy is currently in discussion for port and rail allocation within Queensland.

		Calender Year												
Project	2012	2013	2016	2017										
	Australia													
Jeffries Creek	JORC Inferred & Indicated	JORC Measured Pre Feasibility	Pre Feasibility	Full Feasibility Completion of EIS and ML Application	Mine Development Production	Production								
Lake Powlathanga	JORC Inferred & Indicated	JORC Measured	Full Feasibility Completion of EIS and ML	Mine Development	Production	Production								
Trafalgar	John merred & maleuted	Pre Feasibility	Application	Production	Troduction	Troduction								
Pigeonhole Creek, Bully Creek, Row Creek	JORC Inferred & Indicated	JORC Measured  Pre Feasibility	Pre Feasibility	Full Feasibility Completion of EIS ML Application	Mine Development  Production	Production								
Gindie	Resource Identification  JORC Inferred	JORC Indicated	JORC Measured	Pre Feasibility	Full Feasibility Completion of EIS	ML Application/Mine Development								
Sherwood Park	Geological Testing, Resource Identification	JORC Inferred	JORC Indicated	JORC Measured	Full Feasibility Completion of EIS	ML Application/Mine Development								
			Canada											
Adams & Adams West,	JORC Inferred & Indicated	JORC Measured	Pre Feasibility	Full Feasibility Completion of EIS	Mine Development Production	Production								
Mt Spieker North & South	JORC Measured Pre Feasibility	Full Feasibility Completion of EIS	ML Application Mine Development	Mine Development Production	Production	Production								



# 6. OFFER DETAILS







#### OFFER DETAILS

Proposal – Compliance listing Resolve Energy Ltd via Strategic Pooled Development Ltd (ASX – SPD)

Capital Raising: \$25.0 m

41.67 m shares

@ A\$0.60 each

Acquisition Cost: Resolve Coal \$95.5 m

To be satisfied by: Issue fully paid share 111.30 m

Resolve Employee options 47.86 m

Total shares / options for acquisition 159.16m





#### CAPITAL STRUCTURE

# SPD Shares (post 5 for 1 consolidation) Resolve Energy Shares Resolve Energy Options 111.30m 47.86m

Capital Raising

Total Issued Capital Options (various)

Market Capitalisation (at \$0.60)

Cash on hand

Enterprise Value

**Escrow Period** 

#### Shareholding - post-IPO

6.9m

159.16m

41.67m

207.44m

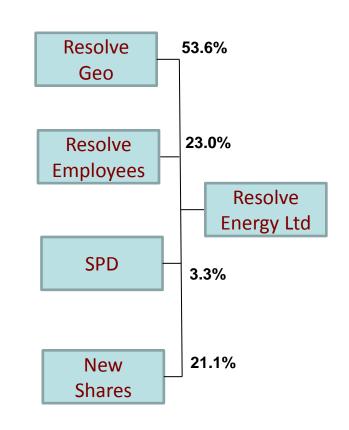
\$124.64m

\$28.75m

\$95.89m

2 Years

5.33m





### LISTING TIMETABLE

Event	Due Date
Dispatch of notice of meeting and explanatory statement	5-Aug-11
Lodgement of prospectus with ASIC	5-Aug-11
Opening date of prospectus offer	5-Aug-11
Suspension of Listed Co shares	5-Sep-11
EGM	5-Sep-11
Prospectus closing date *	12-Sep-11
Last day to register transfers on pre-consolidation basis	13-Sep-11
Issue of new shares	16-Sep-11
Dispatch of holding statements	20-Sep-11
Trading in Listed Co shares resume	23-Sep-11

<sup>\*</sup> Indicative only (subject to change).



# 2. INTRODUCING RESOLVE ENERGY LTD





#### RESOLVE ENERGY LTD

- Exploration company with a highly prospective portfolio of coal prospects in Queensland and British Columbia (Canada).
- Founded in 1995 by Gordon Saul, a geologist with over twenty years experience, growing a consultancy business into one of the largest in the Queensland coal industry by 2007.
- Proven track record in bringing exploration assets into public companies and growing value through cost effective exploration and continuing target generation.
- Founding shareholder Bandanna Energy Ltd and Tigers Realm Coal Ltd.
- Supervised drilling of over 50,000 coal exploration holes.
- Successfully generated coal exploration tenements nationally and internationally.
- Provided numerous JORC compliant resource estimations for a variety of clients.
- Statutorily compliant management systems, including an industry leading safety management system.
- Completed a large number of geological data acquisition projects from green-fields to mine development, concept to full feasibility.

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#### **BOARD OF DIRECTORS**



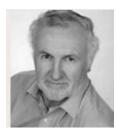
- Dave Mathew Chairman 30 plus years experience in international coal and coal seam gas
- Past executive director for Arrow Energy, past President of the Australian Coal Seam Gas Council Currently director Exoma Energy
- Founding shareholder in Bandanna Energy and DJ Mining. Executive management positions with BHP Billiton and has a PhD in Coal Geology from the University of South Carolina, USA.



- Gordon Saul Managing Director He is a qualified geologist (AIG, AICD) and has been actively involved in the mining sector for 25 years, in particular the coal industry over the past 20 years
- Saul is a foundation shareholder of Bandanna Energy Ltd (BND) and Tigers Realm Coal Ltd (soon to be listed)
- Member of industry geological data standardisation committee.



- Greg Clark Non-Executive Director CEO of Mincom Pty. Ltd. with over 23 years' experience in mining software solutions
- Responsible for the turnaround of Mincom since appointment at Mincom in 2008
- Past President and CEO of E2open
- IBM Distinguished Engineer and Vice President at IBM's Tivoli Systems. Before joining IBM, he founded the security software firm, Dascom, Inc



- Michael Howard Non-Executive Director, 30 plus years engineering experience in the mining industry.
- Capacities with BHP and related companies including manager – 20 plus year experience in open cut and underground coal mining.
- Development, financing and managing of projects (Midwest Corporation Ltd, COO, 2004-2006).

#### **MANAGEMENT**





- Gordon Saul BSc (Hons) AIG, AICD Director- Principal Geologist
- 25 years experience in a variety of resource sectors
- Established Resolve Geo in 1996, now one of Queensland's top coal consultancy companies
- Senior management positions in coal exploration and mining companies



- Darryn Carlile MBA, CA Chief Financial Officer
- Has over 20 years of management experience within the general transport and commercial aviation industries
- He has held senior finance and general management, including Qantas & TNT.



- Bai Bing BSc MBA
  Commercial Manager
- 29 years experience starting as a geophysicist with the Shandong Bureau of Geology, Mineral Resources, China
- Senior Management role for Placer Dome China and Midas Mining China
- Experienced management of exploration programs in coal, gold, nickel and copper



- Jill Cooper BSc
  Operations Manager
- 10 years experience in the resource industry Development and Implementation of safety management, technical training in accordance with legislation
- Operations management

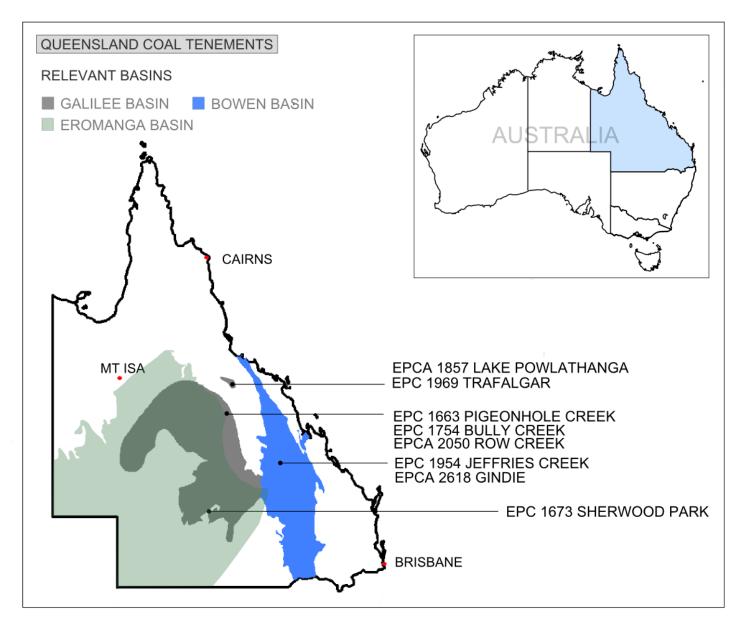


# 3. QUEENSLAND COAL ASSETS



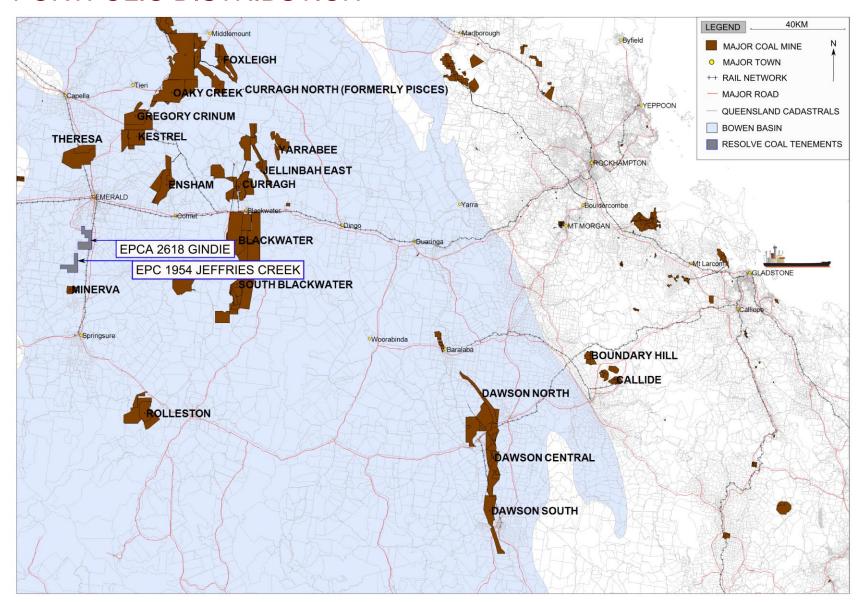
# QUEENSLAND COAL PORTFOLIO OVERVIEW





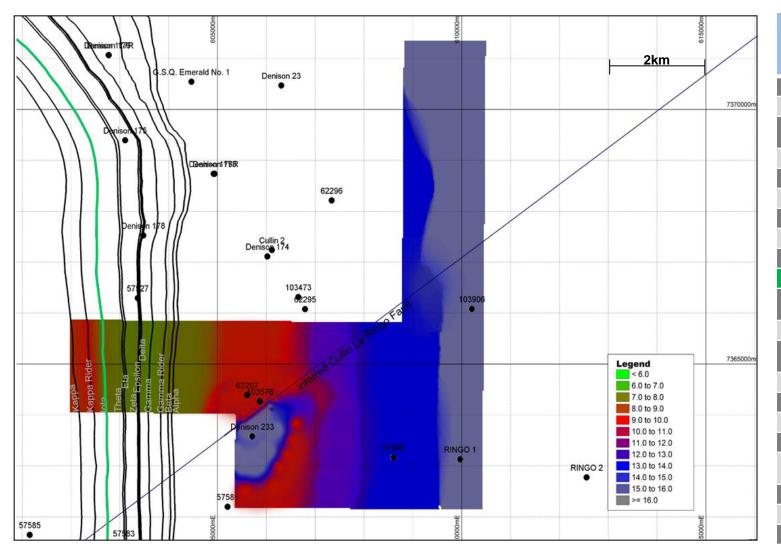


# QUEENSLAND COAL - BOWEN BASIN PORTFOLIO DISTRIBUTION





#### EPC 1954 JEFFRIES CREEK - STRIP RATIO MAP & SEAM SUBCROP



Seam	Coal thickness Average (Metres)
Alpha	0.3m
Beta	0.4m
Gamma Rider	0.4m
Gamma	1.4m
Delta	1.7m
Epsilon	0.3m
Zeta	0.6m
Eta	1.7m
Theta	1.7m
lota	7.2m
Kappa Rider	0.3m
Карра	1.9m
Lambda Rider	0.2m
Lambda	1.0m
Mu	1.3m
Nu	1.8m
Xi	0.8m
Omicron Rider	1.1m
Omicron	4.6m
Pi	2.2m
Rho	0.3m



#### GINDIE - EPCA 2618

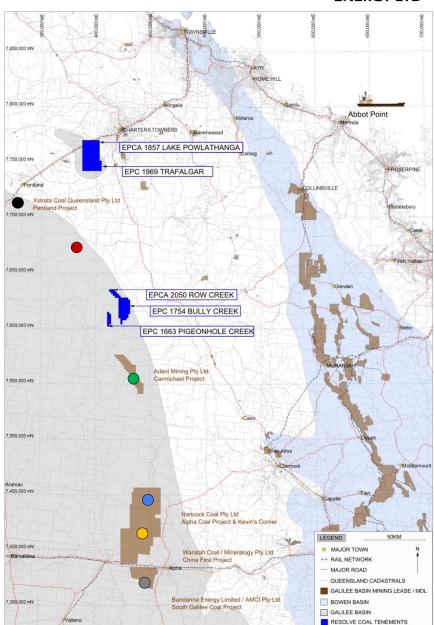
- Excellent opportunity for an underground prospect within the Gindie tenement.
- Wells to the east indicate an increase in coal rank from west to east.
- Substantial coal packet with 3 main seams all over 6m in thickness.

# **Cullin La Ringo Coal Deposit EPC 2618 Gindie** Denison 242 Denison 241 ▲Denison 235 Denison 236 Denison 239 Cullin 1 CULLIN-LA-RINGO DENISON 235 20 198-00 - 206-20



# QUEENSLAND COAL GALILEE BASIN PORTFOLIO DISTRIBUTION

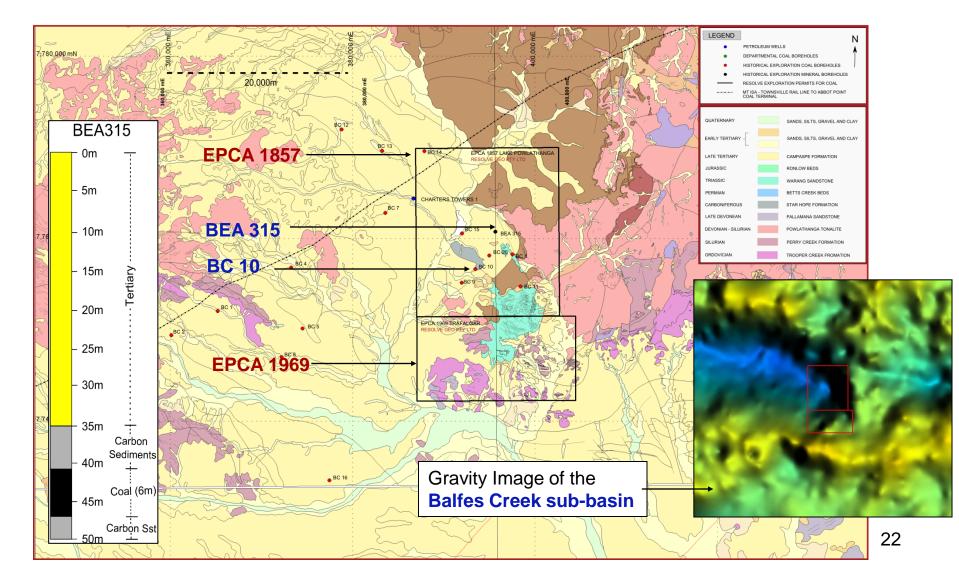
- Xstrata & Linc Energy Pentland Project.
- Vale Galilee project.
- Adani Mining Galilee Project. 500 Mt Indicated, 7.8 Bt Inferred. Sold by Linc Energy for \$500m + royalty's (<\$3.0 billion)(10/08/10)
- Hancock Alpha & Kevin's Corner project.
   Combined resource of 7.9Bt of JORC compliant Coal.
- Waratah's China First project, 2.2 Bt Inferred, 1 Bt Indicated
- Bandanna/AMCI's Galilee South project.
   806 Mt Inferred, 206 Mt Indicated, 166
   Mt Measured



#### GALILEE TENEMENTS - LAKE POWLATHANGA & TRAFALGAR



- 6m of coal at a vertical depth of 41m, within mineral hole BEA 315.
- 2.8m of coal at 40.5m intersected within mineral hole BC10.



#### **GALILEE TENEMENTS**

# Pigeonhole Creek, Bully Creek & Row Creek

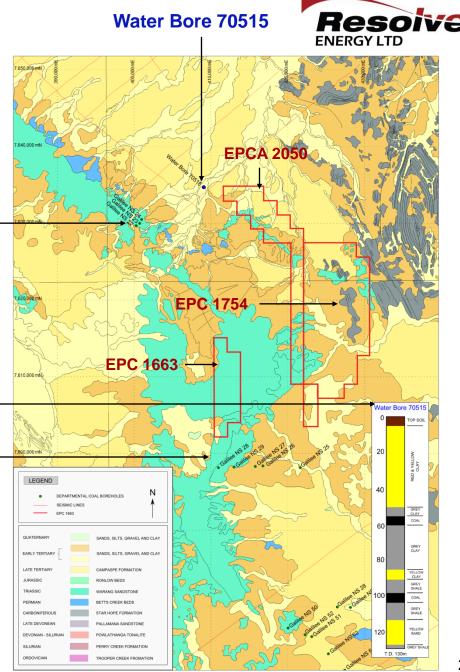
 Substantial outcrops of Warang Sandstone (equivalent to the Rewan Formation) overlying the Betts Creek Beds – in all Resolve Galilee leases.

#### **Mirtna Drilling Program**

- The Qld Government Mirtna drilling program reported a workable coal section of 24.53m (18km to the north of the EPC 1663 and 15km west of EPCA 2050).
- Water Bore 70515 intersected a 4m Coal seam at 55 meters and a 3m Coal seam at 99 meters

#### **View Hill Drilling Program**

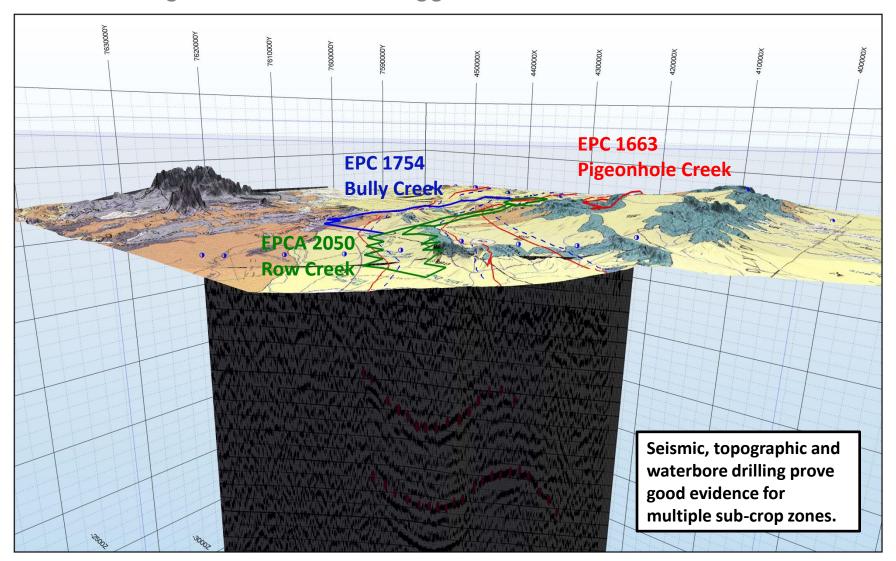
 The Qld Government View Hill drilling program (5km to the south of EPC 1663) identified a workable coal section of 39.20 m.



#### GALILEE TENEMENTS – TOPOGRAPHY



Seismic Integration - Vertical exaggeration x15





#### **EPC 1673 SHERWOOD PARK**

- Targeting thick, low rank coals within the Eromanga Basin's Cretaceous Winton Formation
- Large tonnage potential, open cut mining
- Coal measures similar to Powder River Basin, USA
- Borehole Emu Creek, cumulative coal section of 33m at depths between 80-200m including a 9 metre thick coal section between 110-120m.
- Geophysical data/drilling results indicate that coal seams are shallower on the crest of the NE trending Enniskillen Anticline.
- Abundant coal seams were found between 43-135m in the NE part of the tenement using water bore data.
- EPC 1149 Eastern Energy (50km north) An Inferred Coal Resource of 1.2 Bt within the Winton Formation.

Winton Coal Quality Analysis												
Location	Volatiles %	Fixed Carbon %	Ash %	s %	Specific Gravity	Specific Energy Mj/kg						
Augathell a 1968	29.7	32.9	12	0.4	1.377	15.5 – 18.2						
Blackall 1974	29.7	43.9	12.6	0.4		19.68						

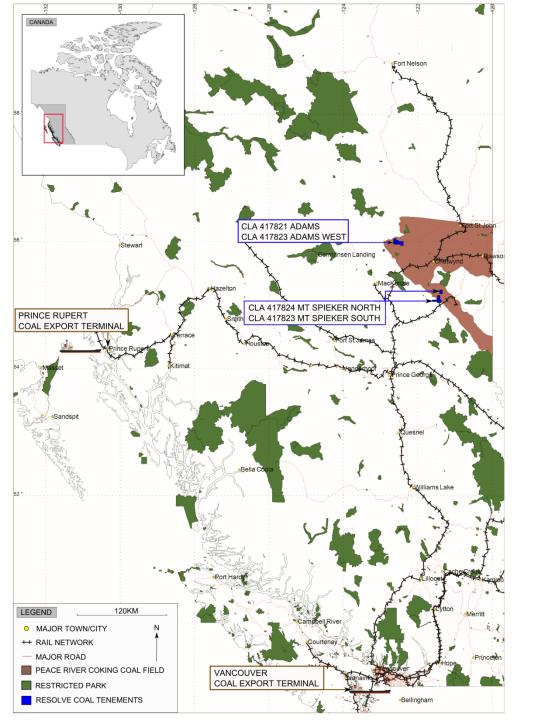
ALLUVIUM SAND SILT CLAY EPC 1673 SHERWOOD PARK • EMU CREEK CHARLEVILLE

Table: Quality data reported on an Air Dried Basis.



# 4. CANADIAN COAL ASSETS







# BRITISH COLUMBIA, CANADA

MT SPIEKER AND ADAMS PROSPECTS



**aa** → 8000 (ft)

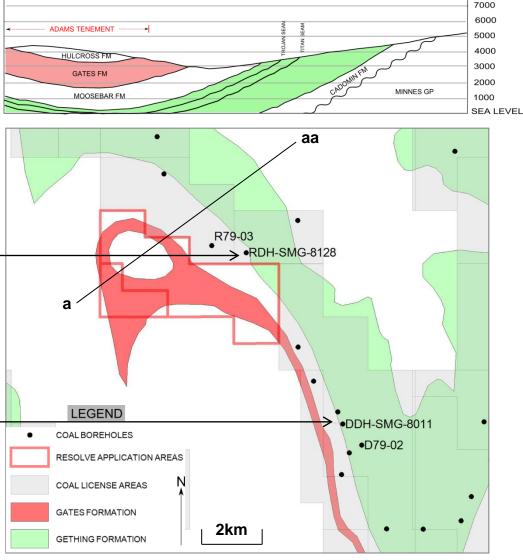
#### ADAMS & ADAMS WEST COAL ENDOWMENT

#### **INTERSECTIONS & COAL QUALITY**

- Medium volatile bituminous
- Low ash contents
- Low sulphur contents
- Excellent free swelling indices
- PRIME COKING COAL

RDH SMG 8011 GETHING FORMATION										
GETHING FOR	MATION									
Cum (m)	16.52									
VM %	26.1 - 36.2									
S %	0.48 - 1.08									
Raw Ash %	3.87 - 24.79									
FSI	1 - 8.5									
MJ/kg	25.1-34.4									

RDH SMG-8128 GETHING FORMATION									
Cum Coal (m)	6.31								
FSI in Target Seams	6.5 - 8								





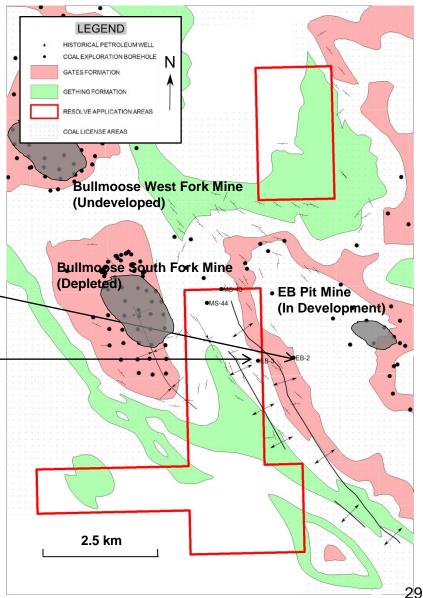


# INTERSECTIONS & COAL QUALITY

- Medium volatile bituminous
- Low ash contents
- Low sulphur contents
- Excellent yields
- Excellent free swelling indices
- Gething and Gates
   Formation sub-crop
- Open pit and UG potential
- Proximal rail and power infrastructure
- PRIME COKING COAL

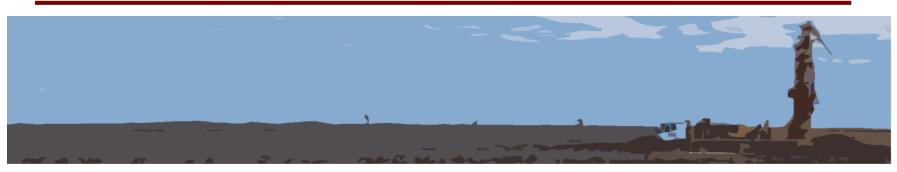
EB-2 Seam B GATES FORMATION							
Thickness (m)	5.03						
Raw Ash (dry)	10.92%						
Clean Coal Ash (dry)	7.92%						
S.G.	1.5						
Yield	90.50%						
V.M.	25.04%						
F.C.	67.04%						
MJ/kg	32.9						
S	0.25%						
Р	0.01%						
F.S.I.	6.5						
H.G.I.	82						

EB-3 Lower Bird GETHING FORMATION								
Thickness (m)	2.47							
Raw Ash (dry)	3.73%							
Clean Coal Ash (dry)	2.12%							
S.G.	1.6							
Yield	95.70%							
V.M.	22.94%							
F.C.	74.94%							
MJ/kg	34.9							
S	0.58%							
Р	0.03%							
F.S.I.	6.5							
H.G.I.	94							





# 5. DEVELOPMENT PLANS





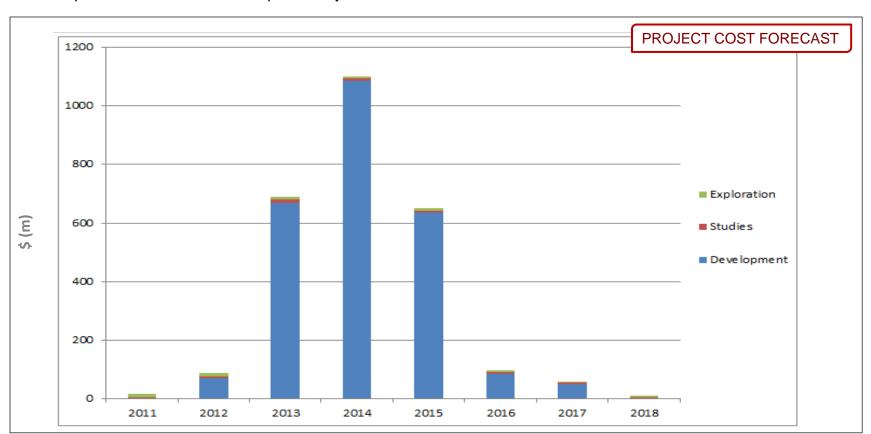
### Resolve ENERGY LTD

#### Positioned for rapid project advancement

#### **Key Project Milestones**

- Stakeholder liaison and access
- Resource definition through drilling
- Initiation of an Environmental Impact Study
- Initiation of Concept & Pre-feasibility studies
- Completion of Reserves Estimate
- Completion of Pre-feasibility study
- Completion of Environmental Impact Study

- Initiation of Full Feasibility study
- Application for Mining License
- Completion of Full Feasibility study
- Purchase of required land
- Initiation of infrastructure development
- Mining license award
- Initiation of mine development



### PRELIMINARY PRODUCTION FORECAST



Tenement Group	*Capital Required (\$m)	Production Date (Mt)	2015 (Mtpa)	2016 (Mtpa)	2017 (Mtpa)	2018 (Mtpa)	2019 (Mtpa)	2020 (Mtpa)
			Austi	ralia				
Jeffries Creek (Open-cut)	160	2016		2.2	4.4	4.4	4.4	4.4
Jeffries Creek (UG Bord & Pillar)	685	2017			0.8	2.6	4.2	4.2
Lake Powlathanga	225	2015	0.8	5	5	5	5	5
Trafalgar								
Pigeonhole Creek, Bully Creek, Row Creek		2016		2.5	9	15	15	15
			Cana	ada				
Adams & Adams West	185	2016		0.2	0.8	1.2	1.2	1.2
Mt Spieker North & South	151	2015	0.2	0.6	1.2	1.2	1.2	1.2
TOTAL	1406		1.0	10.5	21.2	29.4	31	31

<sup>\*</sup> Concept level estimate for mine development only.



## EXPLORATION BUDGET (YEARS 1 & 2)

	ВС	OWEN	E	BOWEN	ERO	MANGA	G	ALILEE	G	ALILEE	GA	ALILEE		NORTH SALILEE		IORTH ALILEE		RITISH LUMBIA		RITISH LUMBIA	С	BRITISH OLUMBIA		
	EPC1954 - Jeffries Creek		EPCA2618 - Gindie		EPC1673 Sherwood Park EPC1754 Bully Cree			I DIGGONNOIG I		EPC2050 - Row Creek		I Iake I		EPC1969 - Trafalger		Mt Spieker North				: Spieker South	Adams		Totals	
Exploration Target	\$	919	\$	1,219	\$	510	\$	641	\$	425	\$	538	\$	471	\$	198	\$	4	\$	119	\$	271	\$	5,315
Inferred	\$	1,749	\$	3	\$	38	\$	2,117	\$	1,383	\$	1,610	\$	1,153	\$	798	\$	221	\$	418	\$	661	\$	10,150
Indicated	\$	1,351	\$	3	\$	38	\$	328	\$	3	\$	114	\$	892	\$	7	\$	310	\$	1,039	\$	1,942	\$	6,025
Measured	\$	2,096	\$	3	\$	38	\$	630	\$	3	\$	119	\$	1,777	\$	7	\$	4	\$	10	\$	15	\$	4,699
Total	\$	6,115		1,227		622	\$	3,716		1,813		2,381	\$	4,294		1,010		538	\$	1,585		2,889	\$	26,189

Numbers are shown in thousands (000's)

**BOWEN** 7,341 **EROMANGA** 622 **GALILEE** 7,910 NORTH GALILEE 5,303 **BRITISH COLOMBIA** 5,012 **Grand Total** 

26,189

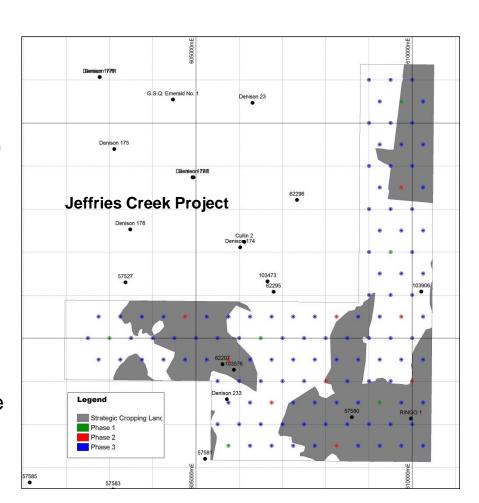


#### KEY PROJECT DEVELOPMENT – RESOURCE DEFINITION

Cost effective, innovative exploration

# Key Resource Milestones Jefferies Creek Example

- Phase 1: Inferred JORC compliant resource definition (entire lease) (8 holes)
- Phase 2: Indicated JORC compliant resource definition to 150Mt. (6 holes)
- Phase 3: Measured JORC compliant resource definition to 100Mt (6 holes)
- Ensures cost effective use of exploration budget – only drilling the metres needed to move through to a mining decision
- Innovative use of geostatistical techniques to ensure appropriate drill designs are utilised for greater confidence in resource and reserve estimation
- Reserve estimation using a very experienced multi-disciplinary team.



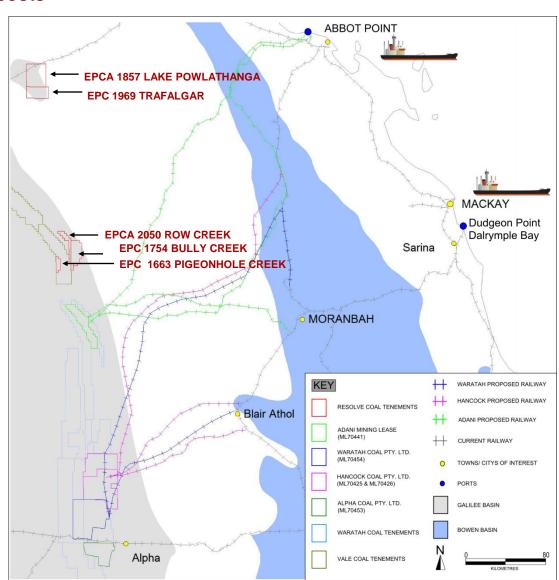
#### KEY PROJECT DEVELOPMENT – INFRASTRUCTURE



#### Forward planning to minimise capital costs

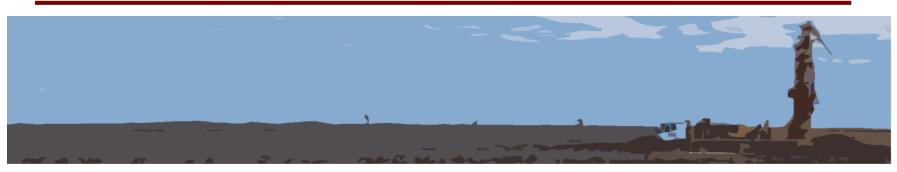
#### **Key Infrastructure Milestones**

- 5 tenements within 7km of heavy capacity rail lines
- Galilee Basin developments
  - 5Mtpa under discussion through Abbott Point – exp. to 15Mtpa
  - Third party access to rail within 42km of the Bully Ck tenement under discussion
  - Financial commitments required end 2013
  - Access possible end 2015
- Bowen Basin & Galilee Basin developments supported by discussion with Dudgeon Point developer
  - 5Mtpa exp. to 10Mtpa
  - Financial commitments required end 2013
  - Access possible end 2015





## 7. KEY RISK SUMMARY



### 7. KEY RISK SUMMARY



Early Stage Project Assessment Development Risks - Early stage of economic and technical viability of projects. Resolve Energy must proceed through a number of steps before making investment decisions about its major projects; these include but are not limited to, classifying resources, conducting feasibility studies, upgrading to reserves, obtaining statutory government approvals and mining permits and obtaining adequate financing.

Estimating Resources & Exploration Targets The estimating of mineral resources is a fundamental but uncertain process. Estimates specifically at the lower confidence level end of the spectrum may not prove to be an accurate indication of the quality and quantity of the coal resource. Resolve Energy does not currently have any compliant Resources under the JORC Code. All of its estimates have been made as an exploration target which reflects limited sampling and a low level of geological certainty.

Coal Quality Resolve Energy has access to a relatively small data set across most of its prospective tenements. No guarantees can be given to the quality of potential coals within any of its exploration assets.

Operations Risk Resolve Energy's projects are subject to operational, technical and other risks that may arise through unforeseen events outside of the control of the company. Resolve Energy has no prior operating history and there will be no assurance that it will be able to commission or sustain a series of successful operations. This includes operational difficulties associated with unforseen events outside the control of the company

Licenses
Permits and
Land Access

A number of regulatory requirements and statutory approvals will need to be granted prior to development occurring on any tenement. Resolve Energy will also need to enter into land access agreements to undertake its proposed resource exploration and development operations, and gain government approvals, particularly with areas designated Strategic Cropping Land in Queensland (Jeffries Creek & Gindie).

## KEY RISK SUMMARY (Cont.)



Coal Market And Demand There are a number of factors which may effect the coal market all of which are beyond the control of Resolve Energy; these include but are not limited to, global economic activity, supply and demand, competition, transport and infrastructure and government regulation

**Funding** 

Should Resolve Energy proceed to a developmental phase it is likely to require significant capital expenditure. There is no guarantee that such funding, whether debt, equity or otherwise will be secured or obtained.

Infrastructure And Utilities The commercialisation and production of Resolve's projects will require the development, and access to, significant transport infrastructure, including rail and port access. While Resolve is making every endeavour to lower this risk, there can be no assurance that Resolve will obtain access to facilities on commercially feasible terms.

Environmental Risks and Hazards Resolve's operations in all jurisdictions are subject to the laws and regulations specific to those areas. Resolve intends to conduct it's activities within strict, fully compliant environmental guidelines, however, there can be no assurance that our operations may not be affected by potential environmental breaches that may impact on our ability to operate, or may cause financial or reputational loss

General Economic Risks Resolve's ability to obtain funding, it's financial performance and its ability to execute its business strategy will be impacted by general global economic conditions. Factors that may impact on Resolve's business include currency rates, inflation, interest rates and general stock market conditions. Deterioration of any of these factors may have an adverse impact on Resolve's financial position.



# 8. CONTACTS





### 9. CONTACTS

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The estimated in situ coal reported within this statement represents an "Exploration Target" according to the JORC 2004 Code (Clause 18). The potential quality and quantity shown within is conceptual in nature and there has been insufficient work done at present to define a Mineral Resource under the JORC (2004) Code. It is uncertain if further exploration will result in the determination of a Mineral Resource.

#### \*: Competent person statement

The information in this report that relates to Exploration Targets is based on information compiled by Gordon Saul, who is a Member of the Australasian Institute of Geoscientists. Gordon Saul is a full-time employee of Resolve Coal Pty. Ltd. Gordon Saul has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking 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'. Gordon Saul consents to the inclusion in the report of the matters based on his information in the form and context in which they appear.





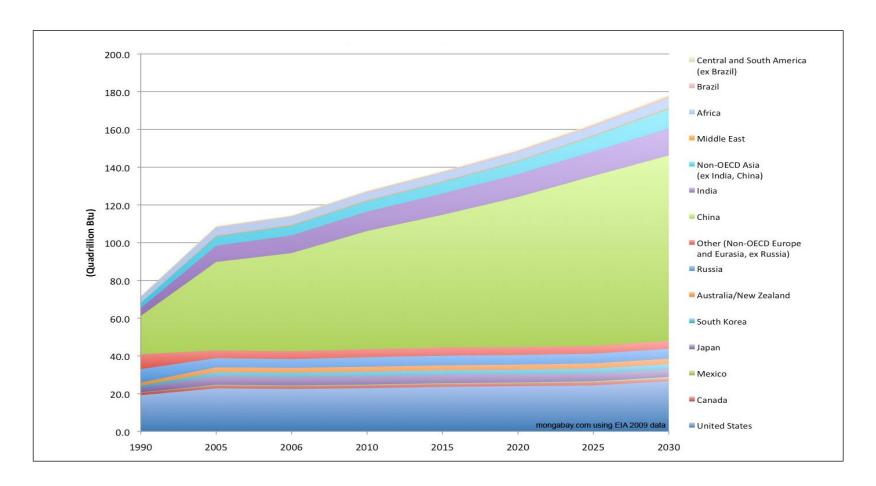
# 9a. ANNEXURES - GLOBAL COAL MARKETS





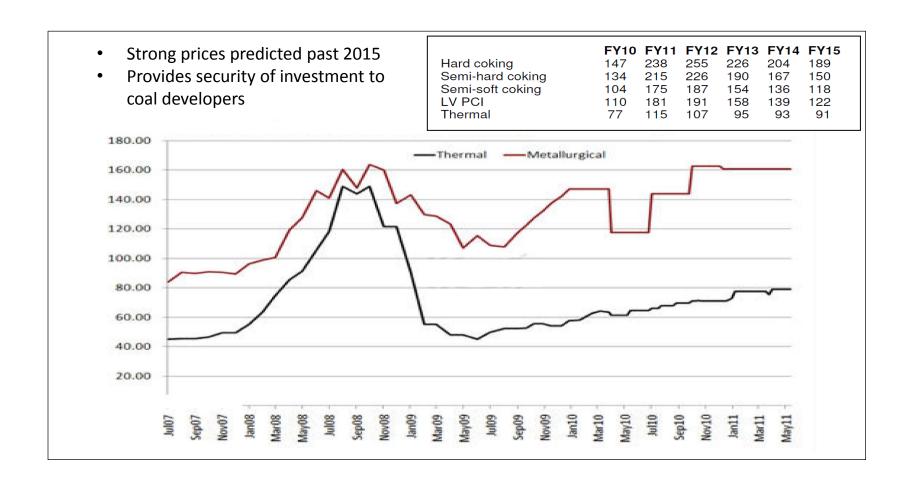
## COAL - STRONG OPPORTUNITY FOR GROWTH

WORLD COAL CONSUMPTON BY REGION, 1990 - 2003





### COAL – STRONG OPPORTUNITY FOR GROWTH





# 9b. ANNEXURES – QUEENSLAND COAL SUMMARY





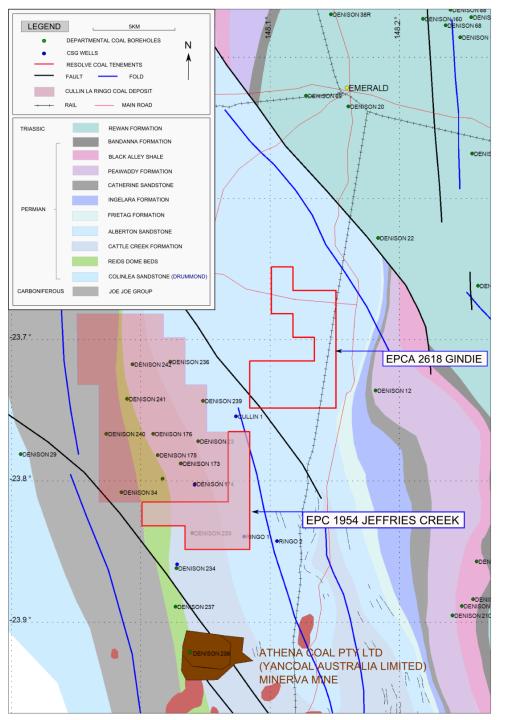
# QUEENSLAND COAL TENEMENTS

Tenement No:	Title	Basin	Coal Type	Size (Km²)	Resolve Coal Holding	Date Applied/Granted	Tenure Length
EPC 1954	Jeffries Creek	Bowen	Thermal/PCI /Coking?	34.56	100%	04/2/2011	5 yrs
EPCA 1857	Lake Powlathanga	Galilee	Thermal	290.00	100%	23/07/2009	5 yrs
EPC 1969	Trafalgar	Galilee	Thermal	161.00	100%	21/04/2011	5 yrs
EPC 1663	Pigeonhole Creek	Galilee	Thermal	38.31	100%	26/11/2010	5 yrs
EPC 1754	Bully Creek	Galilee	Thermal	156.50	100%	29/10/2010	5 yrs
EPCA 2050	Row Creek	Galilee	Thermal	79.89	100%	02/02/2010	5 yrs
EPC 1673	Sherwood Park	Eromanga	Thermal	903.20	100%	29/10/2010	5 yrs
EPCA 2618	Gindie	Bowen	Thermal/PCI /Coking?	47.17	100%	21/06/2011	5 yrs



# 9c. ANNEXURES – BOWEN BASIN ASSETS





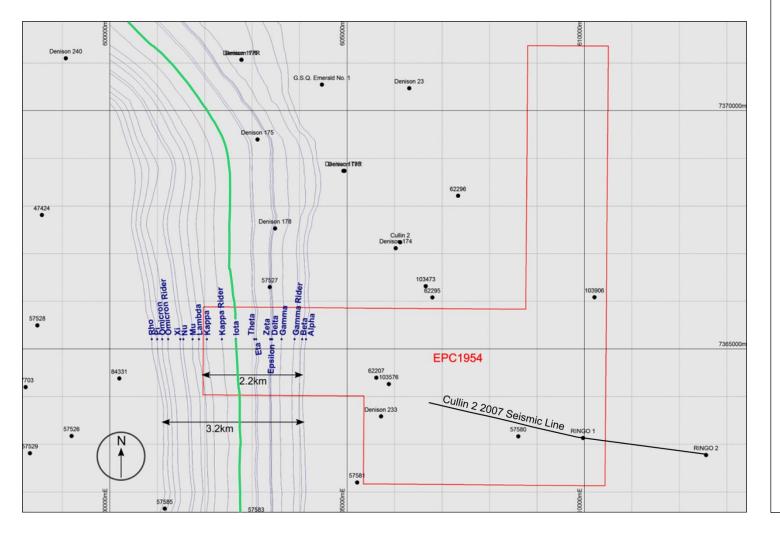


EPC 1954 - JEFFRIES CREEK
EPCA 2618 - GINDIE
GEOLOGY MAP
CULLIN LA RINGO DEPOSIT



## EPC 1954 JEFFRIES CREEK - CULLIN LA RINGO COAL SEAMS

Open Cut and Underground Reids Dome Beds prospect. Increasing rank from west to east provides increasing opportunity for higher percentages of soft /semi soft coke or high vol PCI.



Seam	Coal thickness Average (m)				
Alpha	0.3				
Beta	0.4				
Gamma Rider	0.4				
Gamma	1.4				
Delta	1.7				
Epsilon	0.3				
Zeta	0.6				
Eta	1.7				
Theta	1.7				
Iota	7.2				
Kappa Rider	0.3				
Карра	1.9				
Lambda Rider	0.2				
Lambda	1.0				
Mu	1.3				
Nu	1.8				
Xi	0.8				
Omicron Rider	1.1				
Omicron	4.6				
Pi	2.2				
Rho	0.3				



## JEFFRIES CREEK- COAL QUALITY

#### - CULLIN LA RINGO DEPOSIT

	Number of samples	Average Thickness (M)	Yield (F1.6 cumulative)		Proximat	e Analysis			Phos (%)	Specific Energy Mj/Kg
Seam				Moisture (%)	Ash (%)	Volatile Matter (%)	Fixed Carbon (%)	Sulphur (%)		
Delta	2	1.73	98.7	4.7	5.5	31.0	58.7	0.34	0.09	29.7
Gamma	2	1.44	89.8	3.3	6.1	34.4	56.3	0.40	0.04	30.5
lota	19	7.24	88.0	4.0	6.8	32.6	56.6	0.32	0.08	29.9
Карра	1	1.94	80.9	4.2	8.8	32.0	55.0	0.25	0.22	29.5
Mu	6	1.33	92.9	3.2	6.5	34.3	56.0	0.33	0.07	29.7
omicron	7	4.56	85.0	3.0	8.2	30.1	58.7	0.24	0.07	30.1
omicron rider	1	1.12	85.5	4.1	6.9	31.1	57.9	0.31	0.01	30.0
Pi	5	2.17	70.0	3.0	14.6	27.0	55.4	0.26	0.06	27.6
Theta	1	1.67	85.8	4.5	9.7	30.0	55.8	0.27	0.06	28.5
Eta	1	1.66	96.1	3.1	5.9	33.3	57.7	0.44	0.14	30.8
weighted average			86.7	3.7	7.9	31.5	56.9	0.31	0.08	29.7

- The coals are characterized by reactive macerals between 66 75%.
- Ash fusion temperatures range between 1300°C and <1600°C</li>
- Vitrinite reflectance percentage up to 0.91%, with indications of an increase to the east within the deposit.
- Exploration target up to 1440Mt in Jeffries Creek
- Good opportunity for an underground prospect in Gindie with increased rank!



# 9d. ANNEXURES – GALILEE BASIN ASSETS

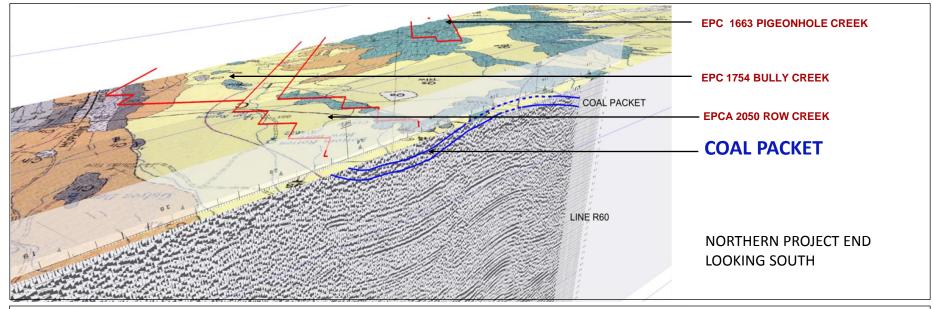


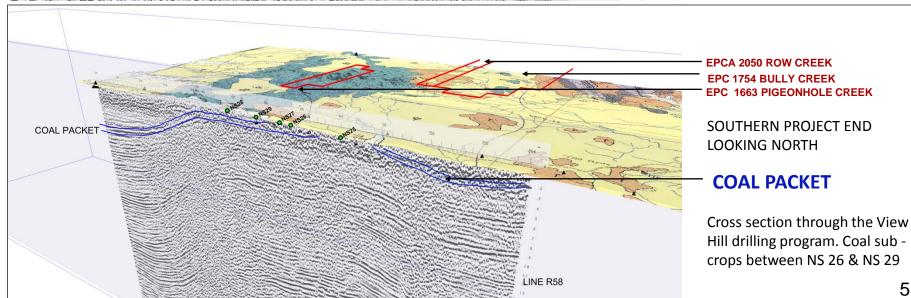
## **GALILEE TENEMENTS**

SEISMIC CROSS SECTIONS

Fold structures identified from seismic data, supported by geology mapping indicates Bully Creek and Row Creek could yield multiple sub-crops of target seams.







**EPC 1663 PIGEONHOLE CREEK** 

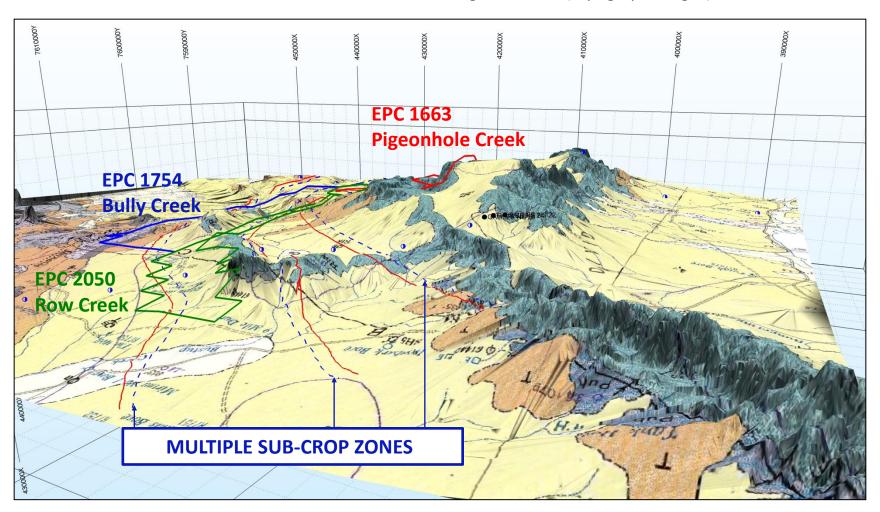
Hill drilling program. Coal sub crops between NS 26 & NS 29

### GALILEE TENEMENTS – TOPOGRAPHY



## Vertical exaggeration x25

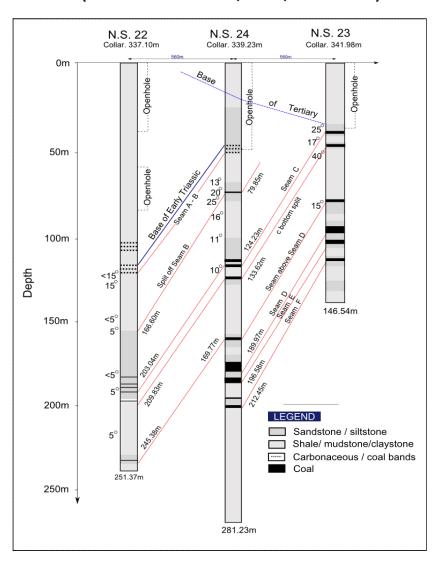
A synclinal structure on the eastern edge of the Galilee basin within this region supports multiple sub-crop zones. Evidence of this can be seen in the distribution of the Warang Sandstone (topographic highs).



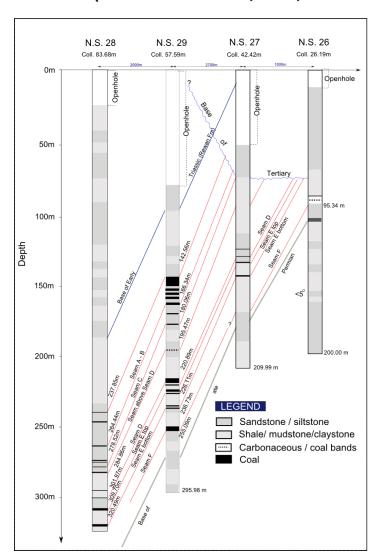


### **CORRELATION OF SEAMS**

#### MIRTNA (north of EPC's 1663, 1754, EPCA 2050)



#### VIEW HILL (south of EPC's 1663, 1754, EPCA 2050)





## COAL QUALITY – ADJACENT TO EPC 1663,1754 & EPCA 2050

Samples washed at Specific Gravity 1.9gm/cc, analysis performed on float fractions (adb).

Area	Seam	1.90gm/cc Wt% Float	Av Thick (m)	SG gm/cc	М%	Ash%	VM%	FC%	S%	Specific Energy Mj/Kg
View Hill	ABC Seams	84.5	18.2	1.6	9.7	21.5	26.9	42.0	0.2	20.9
	D Seam	95.8	4.1	1.5	10.5	12.6	29.2	47.7	0.2	23.9
	E Seam Top	97.9	1.7	1.4	12.8	7.2	30.6	49.4	0.3	24.8
	E Seam Bottom	95.4	1.3	1.5	10.6	12.3	29.6	47.6	0.3	23.7
	F Seam	89.5	4.1	1.6	9.4	16.2	25.1	49.3	0.2	21.1
	View Hill Average	88.1	29.4	1.5	10.0	18.3	27.3	44.5	0.2	21.7
Mirtna	C Seam	82.7	2.8	1.5	9.6	19.0	29.4	42.1	0.3	21.8
	C Seam Bottom	83.6	1.7	1.5	8.8	21.5	26.4	43.2	0.3	20.9
	D Seam	92.8	6.3	1.4	9.4	9.8	28.5	52.3	0.2	21.0
	E Seam	94.6	3.7	1.4	10.2	9.0	28.5	52.3	0.2	24.6
	F Seam	80.4	3.3	1.5	9.6	14.2	25.2	41.4	0.2	22.7
	Mirtna Average	88.4	17.8	1.5	9.6	13.0	27.8	47.8	0.2	22.2



# 9e. ANNEXURES – CANADIAN ASSETS





### CANADIAN COAL PORTFOLIO OVERVIEW

- Resolve Energy has applied for four coal licenses in the Peace River Coalfield, British Columbia targeting coking coal.
- Coal boreholes with coal quality data from within the Mt Spieker South application area show coal with excellent coking properties.
- Coal boreholes in the immediate vicinity of Adams, Adams West, and Mt Spieker North with coal quality data show numerous seams with coking properties.
- All tenements relatively proximal to existing road and rail infrastructure, with available port capacity.

#### **Canadian Tenement Details**

Title	Region	Locality	Mining Method	Coal Type	Size (km²)	Resolve Coal Holding	Date Applied	Tenure Length
Mt Spieker North	NE British Columbia	Peace River	UG/OC	Coking	4.42	100%	20/06/2011	Indefinite
Mt Spieker South	NE British Columbia	Peace River	UG/OC	Coking	13.27	100%	20/06/2011	Indefinite
Adams	NE British Columbia	Peace River	UG/OC	Coking	14.41	100%	20/06/2011	Indefinite
Adams West	NE British Columbia	Peace River	UG/OC	Coking	2.88	100%	20/06/2011	Indefinite