



Investor Presentation

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ASX Code: HRL
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The information in this Statement that relates to Geothermal Resources has been compiled by Peter Barnett, an employee of Hot Rock Limited. Mr Barnett has over 30 years' experience in the determination of crustal temperatures and stored heat for the style relevant to the style of geothermal play outlined in this release. He is a member of the Geothermal Resources Council and the International Geothermal Association, a current board member of the New Zealand Geothermal Association, a past board member of the Auckland University Geothermal Institute Board of Studies and a current member of the Economics Sub Committee of the Australian Geothermal Association. Mr Barnett qualifies as a Competent Person as defined by the Australian Code of Reporting of Exploration Results, Geothermal Resources and Geothermal Reserves (2010 2nd Edition). Mr Barnett consents to the public release of this report in the form and context in which it appears. Neither Mr Barnett nor Hot Rock Limited takes any responsibility for selective quotation of this Statement or if quotations are made out of context.

- All amounts are in American Dollars (USD) unless otherwise stated.



Outline of Presentation

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Investment Highlights

“Hot Rock is well on its way to becoming the leading geothermal energy company listed on the ASX”

- ...via advancing high quality proven volcanic systems in Chile and Peru plus conventional hot sedimentary aquifer systems in Australia.
- Significant geothermal resources already identified
- Experienced technical and corporate team with a proven track record in developing geothermal projects and building resource companies
- Strategic alliance with EDC, the world’s largest integrated geothermal company who are funding 4 projects, 2 each in Chile and Peru
- Following EDC partnership, fully funded for 2012 exploration program



Corporate Overview as at 10 February 2012

- ASX Code: HRL
- Share price: 6.0 cents
- Shares on issue (million): 230
- Unlisted options (million): 28
- Market Cap: A\$13.9 m
- Cash position: A\$1.2 m
(before receipt of US\$4M pursuant to EDC transaction)

- Shareholders: 1,135
- Top 20 Shareholders: 46%
- Board and management: 16%

Investment Fund

- WF Asian Reconnaissance Fund 5.1%

Top 10 Shareholders

1	ELLIOTT NOMINEES PL	12,100,000	5.2%
2	HSBC CUSTODY NOMINEES (AUSTRALIA) LTD A/C 2	11,341,648	4.9%
3	LORRAINE ZILLMAN	11,100,000	4.8%
4	BIZZELL NOMINEES PL	8,200,000	3.5%
5	ALBIANO HOLDINGS PL	6,749,394	2.9%
6	DR BARRY & JAYE BARKER	6,100,000	2.6%
7	HSBC CUSTODY NOMINEES (AUSTRALIA) LTD	5,897,684	2.5%
8	IAN CAMPBELL	5,000,000	2.2%
9	PETER BARNETT	4,800,000	2.1%
10	NORMAN & LORRAINE ZILLMAN	4,600,000	2.0%


12 Month Share Price History



Why Geothermal Energy?

- the ONLY clean base-load energy capable of replacing fossil fuel power generation in a carbon constrained economy
- critical source for any lower cost, clean energy solution on a macro level

	Geothermal	Wind	Solar	Biomass	Run-of-River	Scrubbed Coal
Base Load	✓	✗	✗	✓	✗	✓
No Fuel Cost Exposure	✓	✓	✓	✗	✓	✗
No GHG Emission	✓	✓	✓	✗	✓	✗
REC Eligible	✓	✓	✓	✓	✓	✗
Low Cost Generation	✓	✓	✗	✓	✗	✓

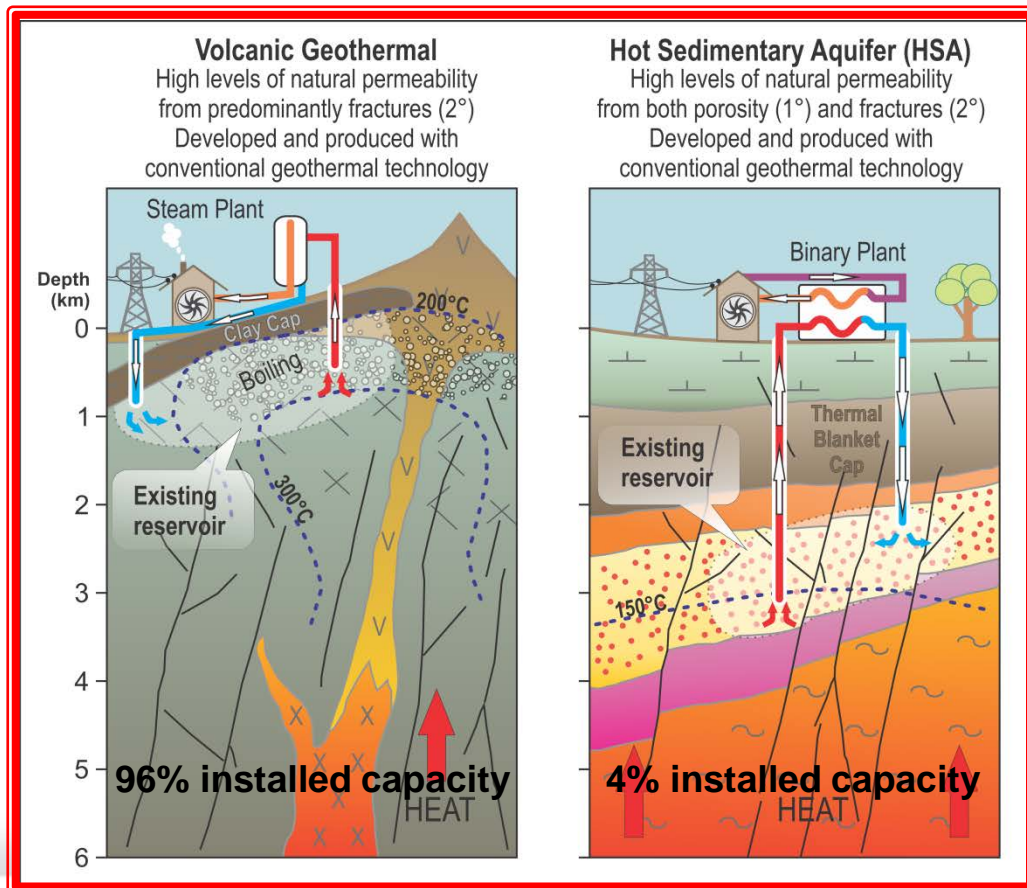
 GEOTHERMAL HAS A UNIQUE COMBINATION OF BENEFITS

Geothermal Models- focus on conventional projects

Conventional Geothermal projects

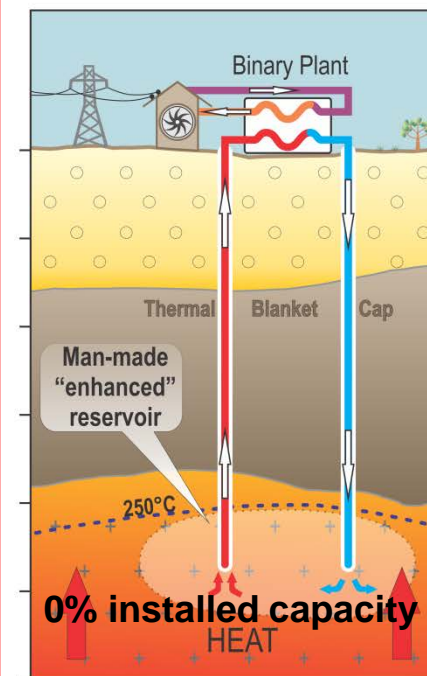
HRL Chile & Peru

HRL Australia



Most ASX-listed peers

Hot Fractured Rock (HFR)
Very limited natural permeability, needs to be enhanced - "EGS"
Requires highly specialised technology



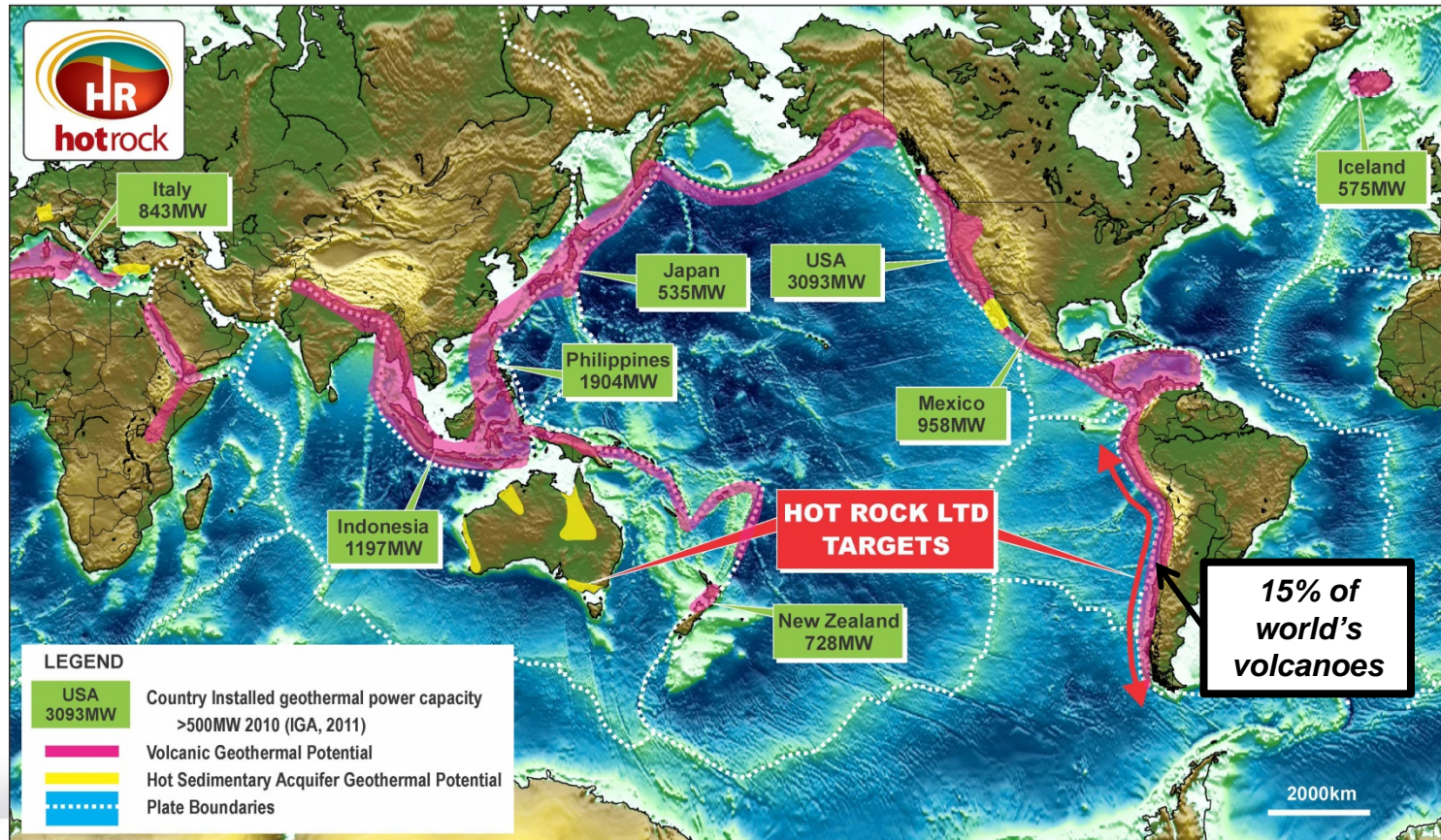
Operating for 100yrs

Operating for over 25 years in USA

No commercial operations

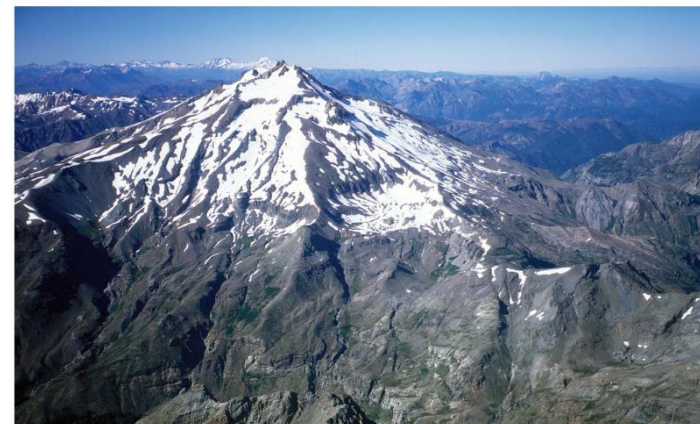
Where to look? Current major generation regions

- High potential in unexplored volcanic targets of the “Rim of Fire” in Chile and Peru.
- Conventional HSA targets near markets and transmission grid in Australia.



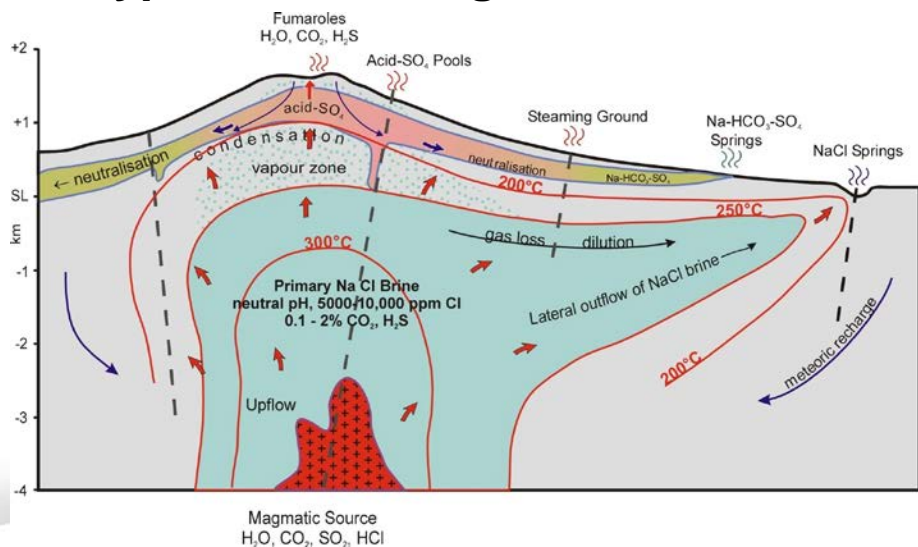
Searching for volcanic geothermal features

- Generally targets have very obvious surface expression
- Convective upflow / outflow systems associated with volcanic heat source



Evidence is volcanoes and hot springs

Typical volcanic geothermal model



Andesitic volcano geothermal system with exploitable outflow (Source : SKM)

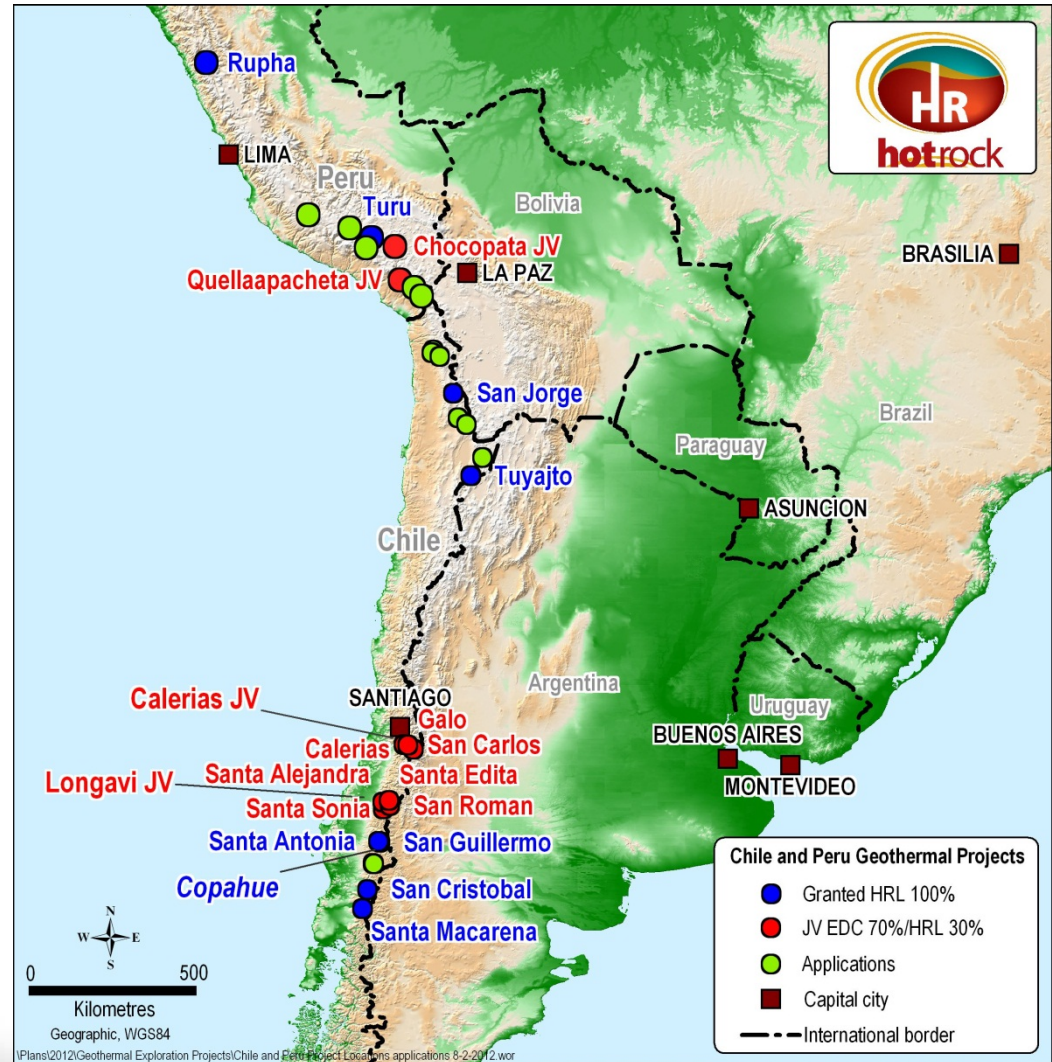


HRL is the largest holder of projects in Chile and Peru

- **First mover advantage** in the best emerging geothermal region in the world today
- Secured the **biggest geothermal footprint** in both Chile and Peru

Projects

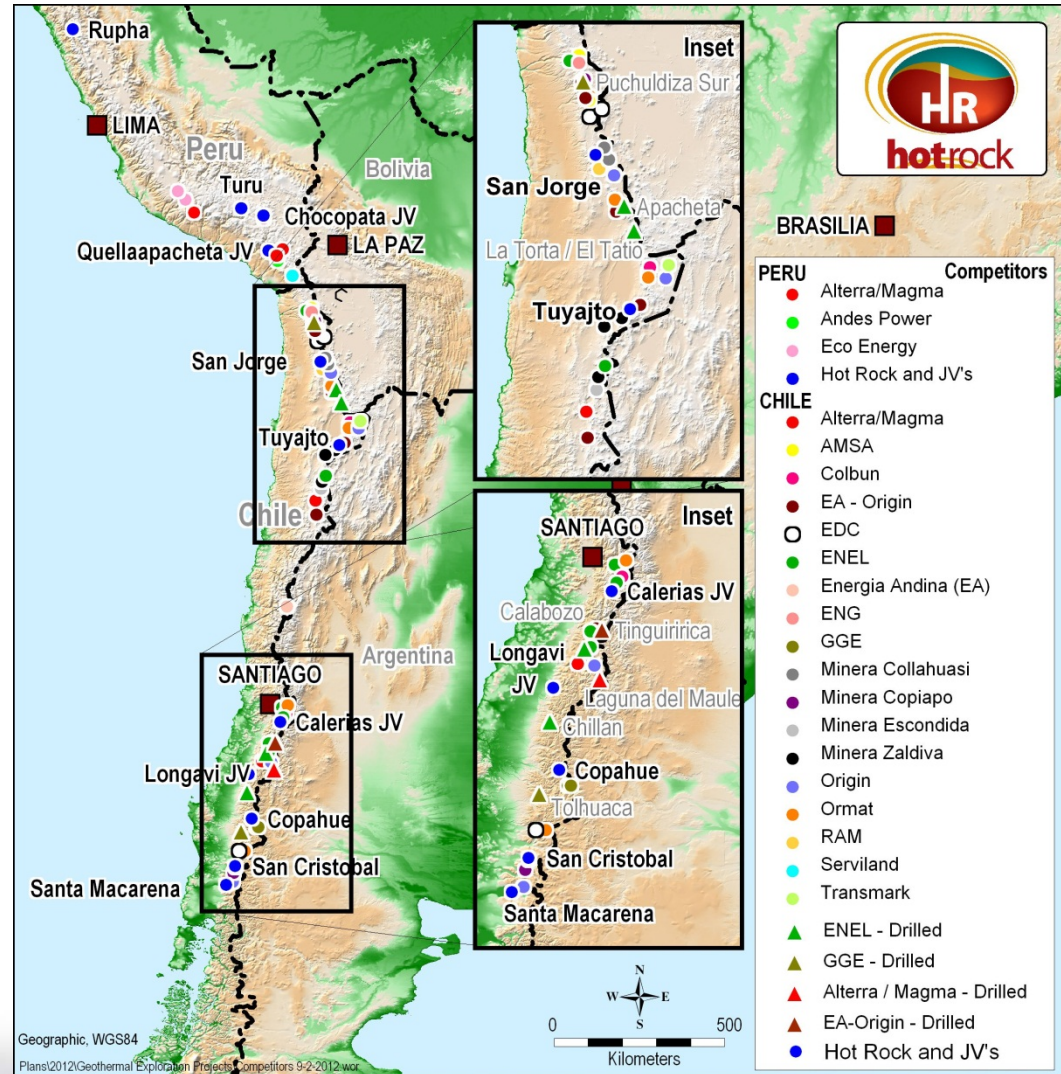
	Granted	Applications
Chile	7	5
Peru	4	5
Total	11	10



Hot exploration activity in Chile and Peru

- Major geothermal pegging rush in Chile by large companies.
 - Ormat – Market leader, manufacturing 89% of global geothermal binary plant installations + own and operate 553MWe of geothermal generation capacity.
 - EDC – World’s largest geothermal generation company based in Philippines.
 - Origin Energy – Purchased 40% of major Chilean exploration geothermal company in May 2011.
 - Reminiscent of Queensland coal seam gas sector over last decade
- Growing industry with 3 groups recently announcing discoveries via drilling and proceeding with power developments.
 - Apacheta – ENEL/ENAP/Codelco.
 - Laguna del Maule - Alterra Power.
 - Tolhuaca – GeoGlobal Energy/ Mighty River Power.
- First geothermal power generation in Chile scheduled for 2014.

Granted projects – HRL largest holder



Why Chile?

High development potential & low sovereign risk

- High GDP growth of 6%.
- Potential for discovery of 27% to 145% of current world installed capacity.
- Demand requires doubling generation over next decade - (\$75 billion spending in mining).
- Highest power costs in South America.
- Stable investment environment with a low political and investment risk.
- Low tax rate: 17% to 20%.
- Strong government support via grants and geothermal drilling failure insurance.



Why Peru?

World-class geothermal projects

- High GDP growth 7%.
- Classic world-class volcanic geothermal systems are present.
- Demand requires doubling generation over next 6 years (\$56 billion spending in mining over next decade).

- Strong support for renewable power e.g.

Renewable energy Law 1002 (May 2008)

- Priority connection to grids.
- 20 year “take or pay” contracts are awarded from bidding against other renewable projects (e.g. recent 80MW PV Solar project awarded 20yr contract a US\$224/MWh).
- Tax benefits.
- Projects close to transmission grid.

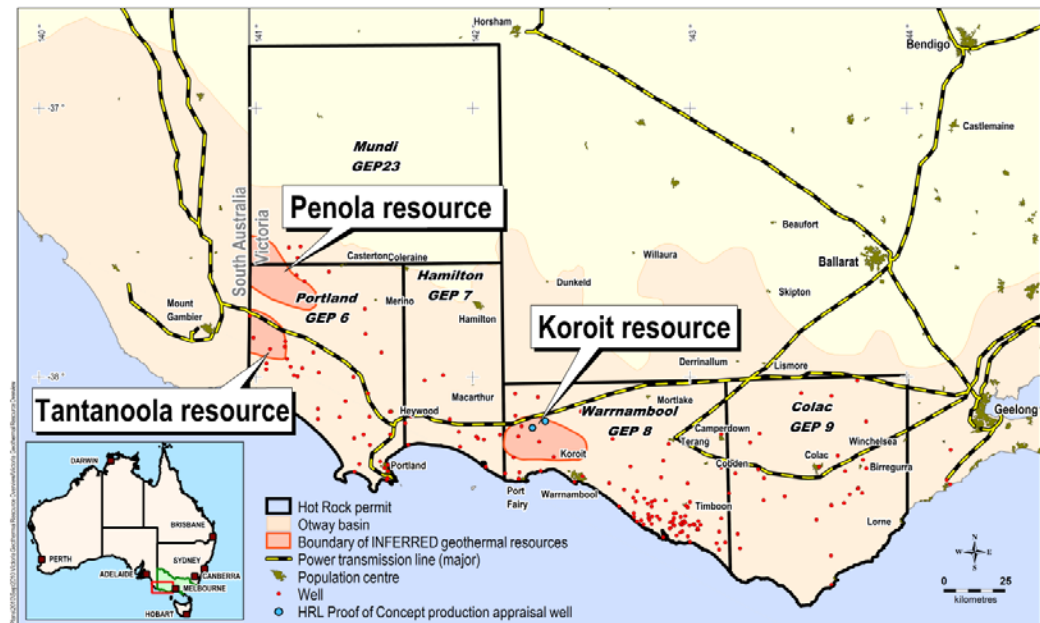


Australia - large conventional resources

- Large geothermal resources assessed at 180,000PJ.
 - Or 1,300MWe to supply 1.3m households.
- Surrounded by the power market and national grid.
- Conventional fractured sedimentary reservoir full of hot water shown by extensive petroleum drilling and seismic database.
- Government may fund project with new renewable grants.
- Ready to drill at Koroit HSA resource.

HRL HSA geothermal resource assessments

Name	Area km ²	Volume km ³	Indicated PJ	Inferred PJ	Total PJ
Koroit	450	387	7,600	59,000	66,300
Penola	440	490	6,700	84,000	90,700
Tantanoola	180	130		22,000	22,000
Total	1,070	1,010	14,300	165,00	180,000



No 1 conventional geothermal volcanic projects on ASX

as at 10 February 2012

- HRL has huge MWe growth potential in volcanic projects

Geothermal Stocks	ASX Code	Market Cap \$m	Project Focus	Location Focus	Volcanic Resource	Volcanic Projects
Geodynamics	GDY	73.2	EGS HSA	Australia Australia		
Earth Heat Resources	EHR	19.2	Volcanic Volcanic EGS	Argentina Djibouti Australia	264MWe ^{(1) (3)} 150MWe ⁽⁴⁾	1 1
Hot Rock	HRL	13.9	Volcanic Volcanic HSA	Chile Peru Australia	320MWe ^{(2) (3)}	7 4
Petratherm	PTR	13.4	EGS HSA EGS Volcanic	Australia Australia Spain Spain	-	1
Panax Geothermal	PAX	6.7	Volcanic HSA	Indonesia Australia	165MWe ^{(4) (5)}	4
Greenearth Energy	GER	6.6	EGS HSA	Australia Australia		
Green Rock Energy	GRK	5.4	EGS HSA	Australia Australia		
KUTh Energy	KEN	5.2	EGS Volcanic	Australia Vanuatu	83MWe ⁽³⁾	1

Source: Company websites and ASX releases

Notes

(1) Earning interest in projects via funded exploration & development programs

(2) HRL resources from 2 Chile projects

(3) Code compliant assessment (Australian Geothermal Reporting Code 2010 2nd edition)

(4) Non code compliant assessment

(5) Panax farming into a 60MW project and has 106MW in two projects

Company making joint venture in Chile and Peru

- **Energy Development Corporation (EDC) and HRL signed binding JV agreements covering 4 projects, 2 each in Chile and Peru where a total of US\$200m could be spent to financial close.**
- **EDC is the world's largest geothermal owner/operator with over 35 years exploration, development and operational experience.**
- **The deal is**
 - a. HRL will receive US\$2.5m cash on transfer of tenements to four project companies for EDC to acquire a 70% interest, HRL 30% interest and a further US\$1.5m cash payment subject to a tenement renewal and a time period lapse.
 - b. EDC will sole fund the exploration stage up to US\$12m per project (US\$48m).
 - c. Subsequent resource development stage will be funded on a pro-rata basis to financial close estimate to cost US\$38m for each project (US\$152m).
 - d. HRL may elect not to contribute during the resource development stage and can buy back in up to 18% per project at financial close when there is low risk.

Milestones - To December 2012

news-flow in 2012

Location	Project	January	February	March	April	May	June	July	August	September	October	November	December
Chile	Calerías		Field expl ²	MT ²									Drilling
	Longavi			Field expl ²									MT ²
	Santa Macarena	C&LA	Field expl								MT	Res Assess	
	Tuyajto			Res Assess									
	Copahue	Community & land access (C&LA)								Field expl		MT	
	San Cristobal	C&LA										Field expl	
	San Jorge	C&LA	Field expl										
Peru	Quellaapacheta	C&LA		Field expl		MT	Resource Assessment						
	Chocopata	C&LA			Field expl		MT	Resource Assessment					
	Achumani	C&LA					Field expl	MT	Resource Assessment				
	Turu		C&LA					Field expl	MT	Res Assess			
	Rupha		C&LA						Field expl	MT	Res Assess		
Australia	Koroit	Discussions with govt & JV partner funding				Preparation for Drilling					Drilling		
	Otway Basin	Discussions with govt & JV partner funding											
	Walsh Springs			Field expl									

Notes:

1. Future programs will depend on exploration success
2. MT = first stage Magneto Telluric (MT) geophysical survey with large coverage. MT² = second stage, smaller, closely spaced MT survey for confirming locations of exploration drill sites
3. "Resources assessment" = resource modeling and estimation based Australian geothermal code 2nd Edition 2010
4. EDC 70% / HRL 30% ownership all projects 100% HRL owned.
5. JV projects sole funded by EDC



Management & Board

Proven team of resource project developers



Dr Mark Elliott Executive Chairman
Economic geologist with 35 years experience in exploration, project development and mining covering minerals and energy. Experience in corporate management and resource industry.



Mr Peter Barnett Managing Director
Former geothermal manager of Sinclair Knight Merz. 35 years experience working in geothermal exploration, development and production operations of 40% of world's geothermal generation capacity across 24 countries.



Mr Luis Urzua Geothermal Resource Mgr
Geologist and Civil Engineer with 10 years experience in the geothermal industry.

Developed 20 wells and over 380MW of geothermal generation capacity.



Mr Mike Sandy Non-exec Director
Petroleum geologist & director with over 32 years experience in building companies and energy production.



Mr Paul Marshall Co. Sec & CFO
Qualified accountant and lawyer.

15 years experience in listed resource companies.



Mr Stephen Bizzell Non-exec Director
15 years experience in corporate finance, the energy industry and capital markets. Previously executive director of Arrow Energy and Chairman of a boutique investment banking firm and funds management group.

Why invest in HRL? – tremendous upside

- Joint ventures on several projects with the world's largest integrated geothermal company EDC up to US\$200 million.
- Fully funded 2012 exploration programmes.
- 1st ranked ASX geothermal company in conventional proven volcanic projects – differentiated from the pack.
- Outstanding growth potential targeting 3,000MWe.
- Technical and commercial team second-to-none with impressive track record in geothermal and project development.

Growing substantial shareholder value

- ✓ **Experienced team**
- ✓ **High quality multiple development projects**
- ✓ **Funded to drill & evaluate**
- ✓ **High probability of development proceeding**
- ✓ **Backed by world's biggest geothermal company**