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INDUSTRIAL COMMODITIES QLD PTY LTD

Mining Mondays Gold Coast PRESENTATION

A Qld Industrial Minerals Company, Developing the Fairview Limestone Deposit

June 2024

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The Company

Focused on developing the large high grade Fairview Limestone-Lime deposit near Gladstone

Company Profile

"Limestone plays a vital role in humanity's needs"

Industrial Commodities (Qld) Pty Ltd (ICQ)
Established on 21 December 2021 with the express purpose of acquiring, exploring and developing industrial mineral projects in Queensland.

The Company holds the **Fairview Limestone Project 100%** near Gladstone, Queensland.

Founded by two experienced exploration and mining company directors – geologists, **Mr Andrew Gillies** and **Mr Adrian Day.**

The **ICQ team have many decades of experience** in Queensland and are familiar with the States prospectively, its permitting, landowner liaison, environmental policies, exploration, resource development and guideline compliance.

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ICQ Management

Highly experienced directors

Andrew Gillies

Founding Director, a Major Shareholder & Geologist

Andrew is a highly experienced geologist, having over 37 years' experience and over 20 years combined experience as a company director of ASX listed junior resource companies, including position of Managing Director, providing for a strong resource industry and diverse mineral exploration background in a range of commodities, along with company management, project feasibility, project development, open pit and underground mining experience as well as governance, IPO listings and corporate background.

Andrew is very familiar and has considerable experience with Queensland limestone projects.

Adrian Day

Founding Director, Shareholder & Geologist

Adrian is a geologist with over 50 years experience in mineral exploration and is a specialist in gold, base metals, rare earths elements, gems and project generation.

In addition to exploration Adrian has had considerable mineral development and mining experience, including being the Mine Manager of gold mines at Cracow (Qld) and Mt Kasi (Fiji).

Adrian has had a varied and diversified experience in a range of commodities and has worked for a long list of companies.

SUMMARY

ICQ's Fairview Limestone Project Summary

✓ Ticks all the Boxes

- ✓ **ICQPL Company:** Dedicated to the Fairview Limestone Project's development.
- ✓ **Market Demand:** Limestone $CaCO_3$ essential for cement, burnt lime (CaO), Agricultural lime, and Quarry rock industries.
- ✓ **Mining Lease:** 100% owned 211-hectare granted mining lease (~3.2Km by ~650m) secured over a large high-grade cryptocrystalline limestone deposit.
- ✓ **Location:** Strategically situated 20km from Gladstone, adjacent to the Bruce Highway.
- ✓ **Land:** Ideal rural cattle grazing freehold property- Fairview Station, undulating cleared grassland with no known significant environmental or Native Title issues. Very supportive landowner.
- ✓ **Long-Term Operations Potential:** could support a lifespan of around 40-50 years with versatile market opportunities including on site or near site value-adding products e.g. Burnt Lime CaO.
- ✓ **Infrastructure:** Proximity to Gladstone industrial city, major port, energy hub, and skilled workforce.
- ✓ **Market Potential:** Materials from the open pit mine/quarry can be sold to various markets - All extracted limestone, clay, and rock material expected to be sold.
- ✓ **Access:** Convenient access to adjoining Bruce Highway and Queensland Government Industrial Park.

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Excellent project location

211 Ha granted mining lease adjoins Bruce Hwy, 20km SW of Gladstone

Fairview Limestone

Typical Fairview Limestone Landscape

High grade Limestone exposure through grasslands veneer

Cryptocrystalline Fairview limestone

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Company Strategy

Industrial Commodities QLD Pty Ltd (ICQ) is a privately funded mineral evaluation and development company focused on developing the 100% owned Fairview limestone-lime deposit into to a long life (>40+ years) mine-quarry near Gladstone, Queensland.

Seeking limestone resource development in to long life production, with strategic value adding growth and opportunity for its shareholders, stakeholders, contributing for a better Queensland.

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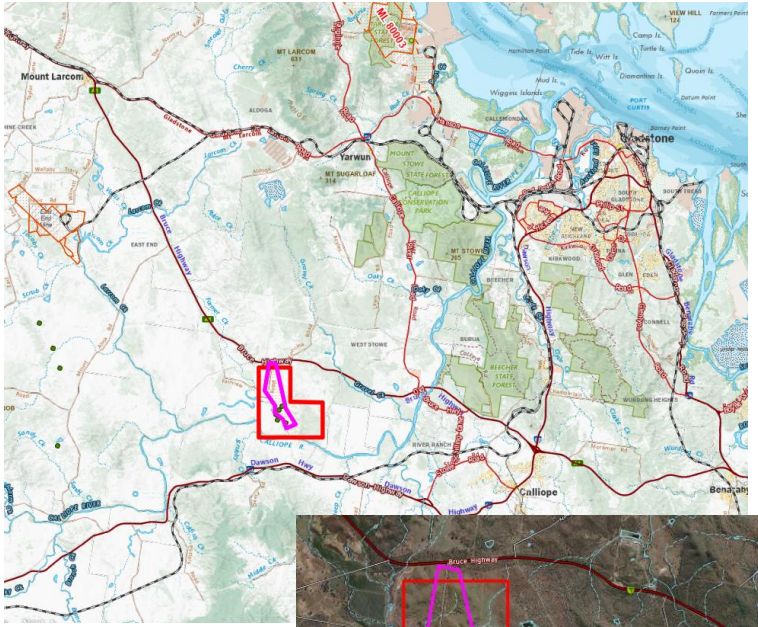
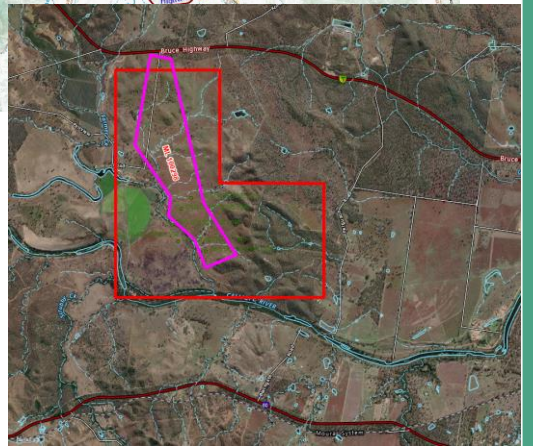
Fairview Limestone – A Compelling Opportunity

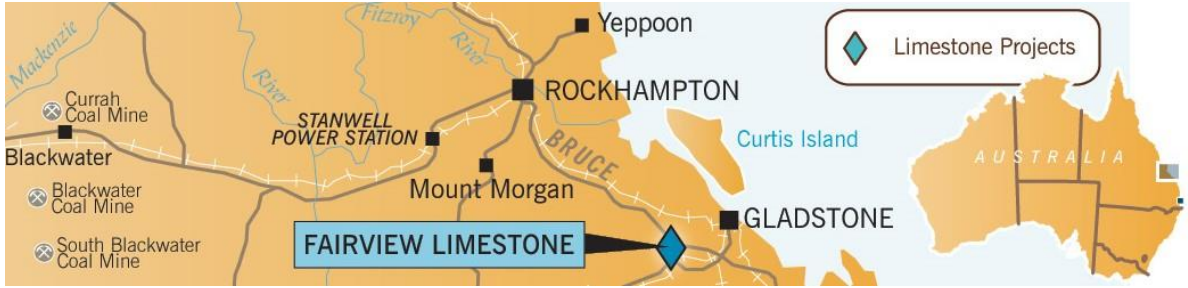
Excellent project location 20km SW of the industrial central Queensland city of Gladstone (population ~50,000) and adjacent to the Bruce Highway.

Situated in an ideal rural setting on a cleared beef grazing property (all freehold land) owned by one supportive landowner, no known significant environmental impacts.

Established skilled workforce, major resource industries and advanced infrastructure nearby (including port and rail).







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Fairview Limestone – Gladstone – Excellent Location

The Industrial city of Gladstone is diversified & growing

DISCOVER THE ENGINE ROOM OF INDUSTRY

The Gladstone Region is home to a thriving 21st Century industrial base served by one of Australia's busiest ports, the Port of Gladstone. A major industrial cluster, where economic competitiveness is balanced with steadily improving environmental performance, Gladstone's development potential is underpinned by the 22,000 hectare Gladstone State Development Area, which offers a range of development-ready sites, established infrastructure and growing possibilities for economic development to drive the region's sustainable growth. And with recent and continuing investment in the LNG industry, which is expected to play an increasingly important role in global energy markets over coming years, the Gladstone Region's strong industrial growth looks set to continue.

Major industry in Gladstone is supported by the region's thriving and world-class engineering, construction and manufacturing sectors while the region's traditional agricultural base in cattle farming and horticultural production, continues to underpin the Gladstone Region's economic base.

PORT OF GLADSTONE

The Port of Gladstone is Queensland's largest multi-commodity port, handling over 30 different products and more than 83 million tonnes of cargo annually. Gladstone Ports Corporation is the world's fifth largest coal export port and the fourth largest port in Australia.

QUEENSLAND ALUMINA LTD

Queensland Alumina Ltd is recognised as one of the world's largest alumina refineries. The production of alumina, a white powder, is the intermediate stage between mining the ore of bauxite and producing the metal, aluminium.

RIO TINTO ALCAN YARWUN

Rio Tinto Alcan Yarwun (RTAY) is the first greenfield refinery to be constructed in Australia for over two decades. RTAY represents Rio Tinto Alcan's first 100 per cent owned and operated alumina refinery and contributes significantly to the major aluminium industry resources of RTA. The world-class refinery incorporates leading edge technology and environmental design features.

BOYNE SMELTERS LTD (BSL)

Boyne Smelters Ltd (BSL) is Australia's largest aluminium smelter. The plant is currently undergoing significant modernisation with the re-building of Carbon Baking Furnace 3 and the construction of a new Carbon Baking Furnace 4 to upgraded technology. The smelter uses alumina produced by the Queensland Alumina Limited refinery to complete the third stage of the aluminium production process.

CEMENT AUSTRALIA

Cement Australia Gladstone is the largest cement plant in Australia and utilises state of the art technology. The plant is Australia's most efficient and is the leading environmental performer in the industry, paving the way for lucrative business opportunities in the Asia Pacific area.

ORICA AUSTRALIA

Orica Australia operates a 9,000 tonnes a year chlor-alkali plant, a 590,000 tonnes a year technical grade ammonium nitrate plant as well as an 80,000 tonnes a year sodium cyanide plant. The complex is located on the Yarwun Industrial Estate, 10 kilometres from Gladstone's city centre.

NRG GLADSTONE

NRG Gladstone Power Station is Queensland's largest with a generating capacity of 1,680 megawatts. The station uses around four million tonnes of coal each year being railed from coalfields in Central Queensland.

GLADSTONE AREA WATER BOARD

The Gladstone Area Water Board owns and operates Awoonga Dam on the Boyne River, which supplies raw and treated water to industrial customers and the Local Government of Gladstone Regional Council by pipeline from Lake Awoonga.

Fairview Limestone

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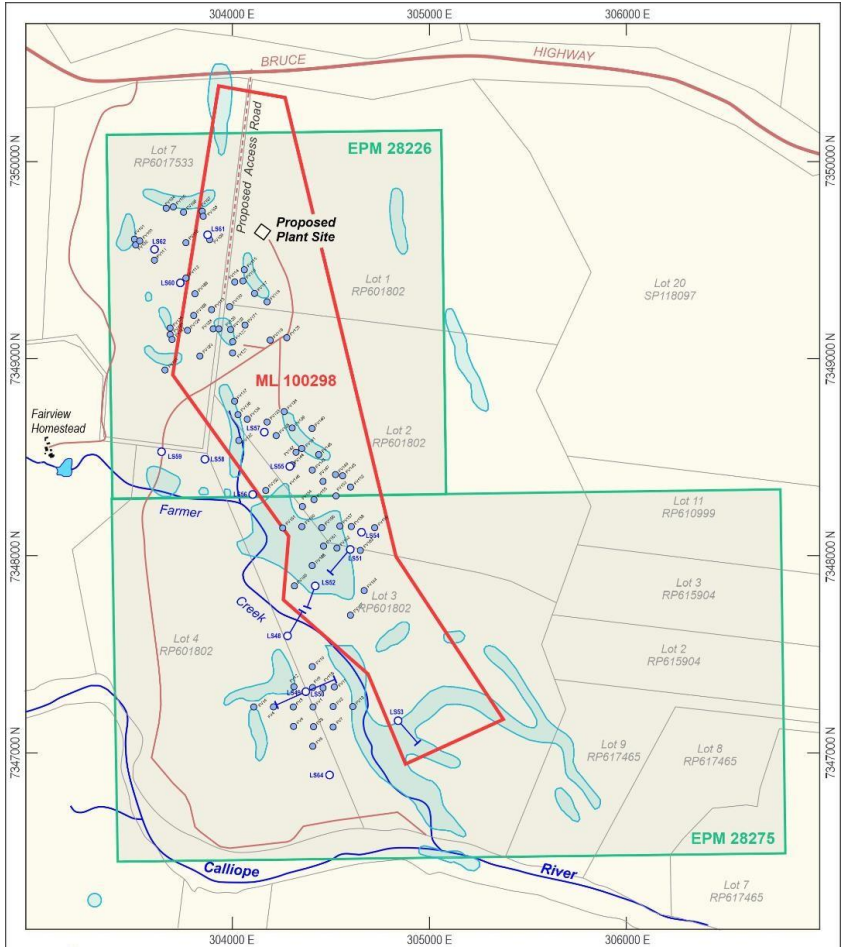
A Compelling Limestone Mine Development

- ICQ's Fairview Limestone development project has **excellent development attributes** for long life production of high quality crushed limestone from granted 211 hectare area mining lease (ML) 100298 (100% held by ICQPL) ~3km by ~500m covering the best and the accessible limestone.
- The **Fairview limestone is suitable for all associated industries** including feedstock for the manufacture of burnt lime, cement clinker and agricultural lime - plus quarry rock & clay.
- **It is likely all material extracted from the proposed Fairview mine-quarry will be able to be sold for a range of uses and markets.**



Fairview Limestone

- The granted ML covers a **large high grade limestone deposit** that is ideally marbleised forming cryptocrystalline limestone >100Mt.
- The Fairview limestone deposit has been **well defined** by over 70 shallow (~ 25m depth) drill holes and 3 diamond core holes (typically 100m depth) for over 2.6km within the ML.
- **Estimated over 100 million tonnes** (Mt) of good quality limestone within just 50m from surface, all within a granted ML 100298 (100% held by ICQ).
- Sufficient limestone and mining lease size to **underwrite a ~40-50 year type operation.**
- It is **expected all material mined can be sold** at a range of prices depending on quality/use. (i.e. no remaining waste rock material)

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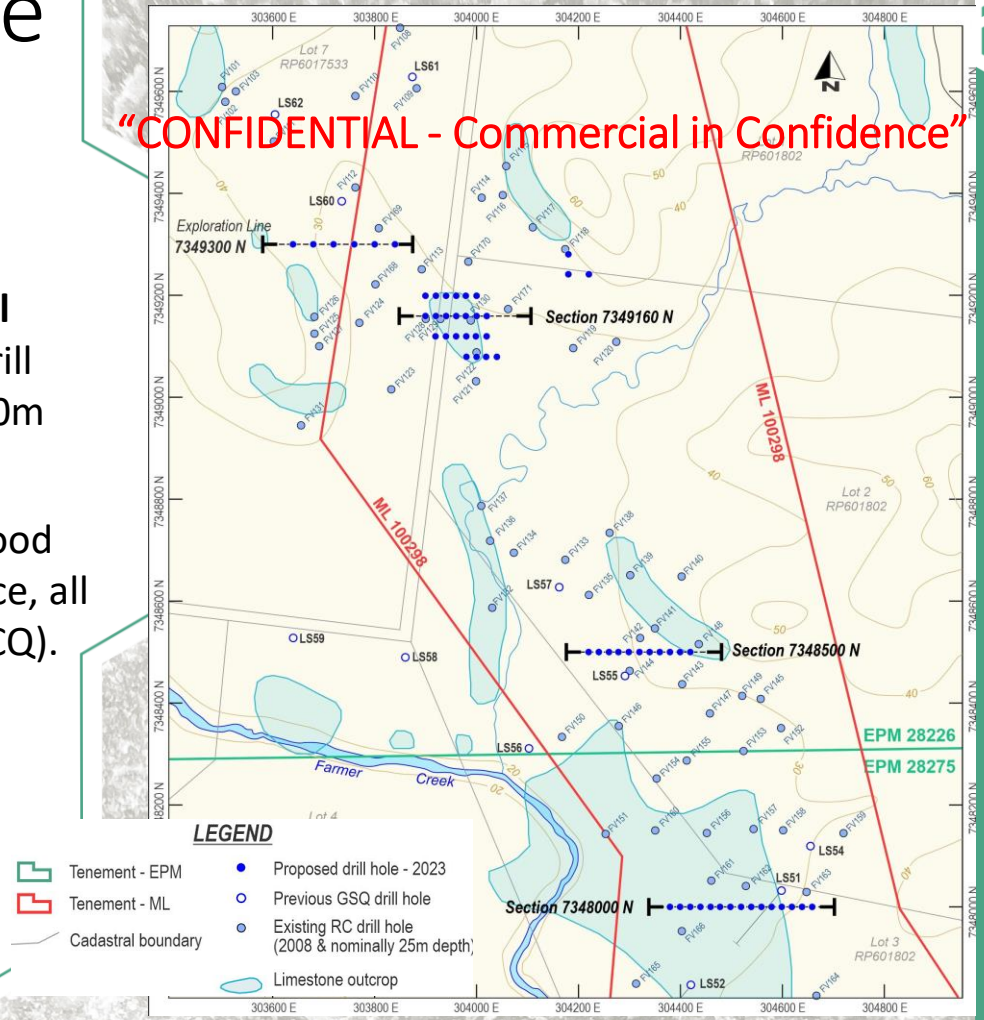

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Fairview Limestone

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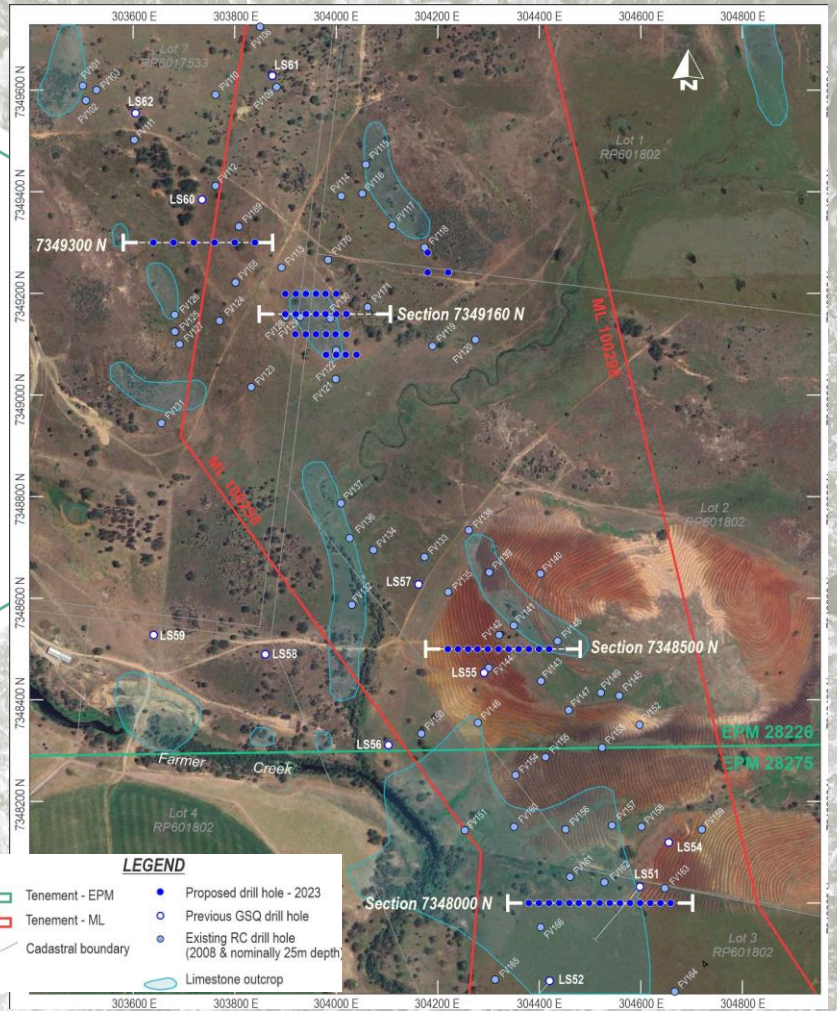
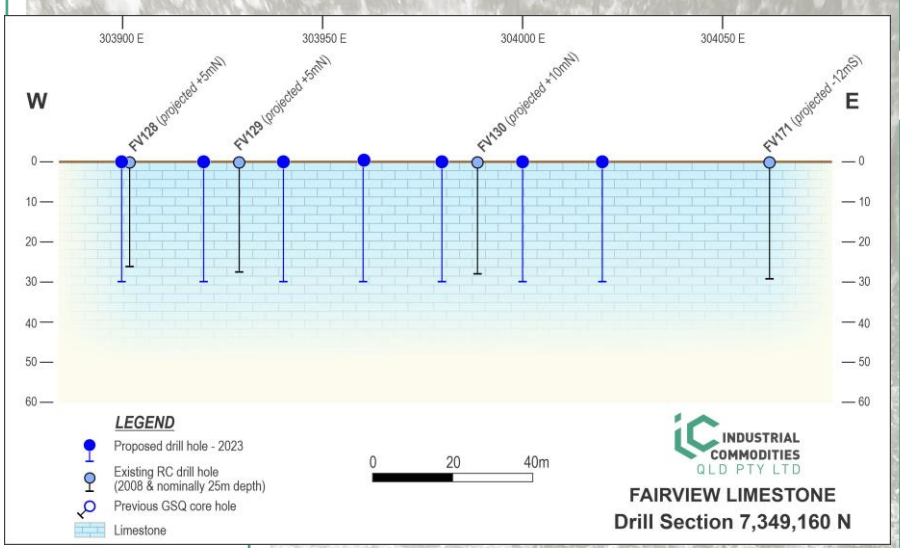
- **Excellent location** 20km west of the industrial central Queensland city of Gladstone (population ~50,000) and adjacent to the Bruce Highway.
- Situated in an **ideal rural setting** on a cleared beef grazing property (all freehold land) owned by a supportive landowner.
- **High quality limestone** from surface as defined by drilling for over 2.6km and with widths between 300m to over 450m with $CaCO_3$ grades consistently over 94%.
- **Estimated over 100 million tonnes (Mt)** of good quality limestone within just the 50m from surface, all within a granted ML 100298.



Fairview Limestone

It is likely all material extracted from the proposed Fairview limestone mine & quarry will be able to be sold for various uses & markets.

Hole_ID	From	To	Interval	Sample_No	CaO	CaCO3	NV	SiO2	Al2O3	Fe2O3	MgO
FV128	2	4	2	2232	53.3	95.13	98.04	1.26	0.53	0.27	1.17
FV128	4	6	2	2233	46.9	83.71	87.80	7.77	2.9	1.15	1.65
FV128	6	8	2	2234	51.8	92.45	97.07	1.95	0.85	0.32	1.86
FV128	8	10	2	2235	53.1	94.77	99.52	0.74	0.34	0.12	1.91
FV128	10	12	2	2236	50.7	90.49	93.30	4.43	1.82	0.34	1.13
FV128	12	14	2	2237	47.7	85.13	101.48	0.49	0.21	0.25	6.58
FV128	14	16	2	2238	48.5	86.56	100.37	0.81	0.47	0.29	5.56
FV128	16	18	2	2239	54.2	96.74	98.40	1.15	0.48	0.15	0.67
FV128	16	18	2	2240	53.6	95.67	98.17	1.21	0.55	0.17	1.01
FV128	18	20	2	2241	47.4	84.60	86.96	7.98	3.76	0.55	0.95
FV128	20	22	2	2242	53.3	95.13	97.96	1.17	0.53	0.15	1.14
FV128	**22**	**25**	**3**	**2243**	**54.7**	**97.63**	**99.14**	**0.69**	**0.34**	**0.12**	**0.61**
FV130	3	5	2	2244	48.9	87.28	89.41	6.56	2.37	1.16	0.86
FV130	5	7	2	2245	53.6	95.67	96.73	1.93	0.72	0.36	0.43
FV130	7	9	2	2246	54.8	97.81	98.70	1.08	0.39	0.18	0.36
FV130	9	11	2	2247	50.5	90.13	91.55	5.29	2.17	0.63	0.57
FV130	11	13	2	2248	54.7	97.63	98.90	1.22	0.35	0.15	0.51
FV130	13	15	2	2249	54.6	97.45	98.52	1.04	0.32	0.15	0.43
FV130	15	17	2	2250	53.1	94.77	97.18	1.74	0.59	0.29	0.97
FV130	17	19	2	2251	54.3	96.91	99.22	1.01	0.27	0.12	0.93
FV130	19	21	2	2252	54.8	97.81	99.30	0.74	0.23	0.1	0.60
FV130	21	23	2	2253	54.8	97.81	99.72	0.57	0.25	0.08	0.77
FV130	**23**	**25**	**2**	**2254**	**54.8**	**97.81**	**99.64**	**0.34**	**0.17**	**0.06**	**0.74**
FV129	1	4	3	2255	49.2	87.81	100.25	1.12	0.35	0.37	5.01
FV129	9	12	3	2256	51.7	92.27	98.48	1.31	0.53	0.36	2.50
FV029	17	20	3	2257	51.6	92.10	93.71	3.92	1.62	0.58	0.65
FV129	20	23	3	2258	53.1	94.77	96.46	1.76	0.85	0.29	0.68
FV129	23	25	2	2259	54.7	97.63	98.97	0.97	0.43	0.13	0.54
FV129	**23**	**25**	**2**	**2260**	**54.3**	**96.91**	**98.21**	**1.05**	**0.45**	**0.15**	**0.52**



Typical Fairview cryptocrystalline limestone

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Fairview Limestone

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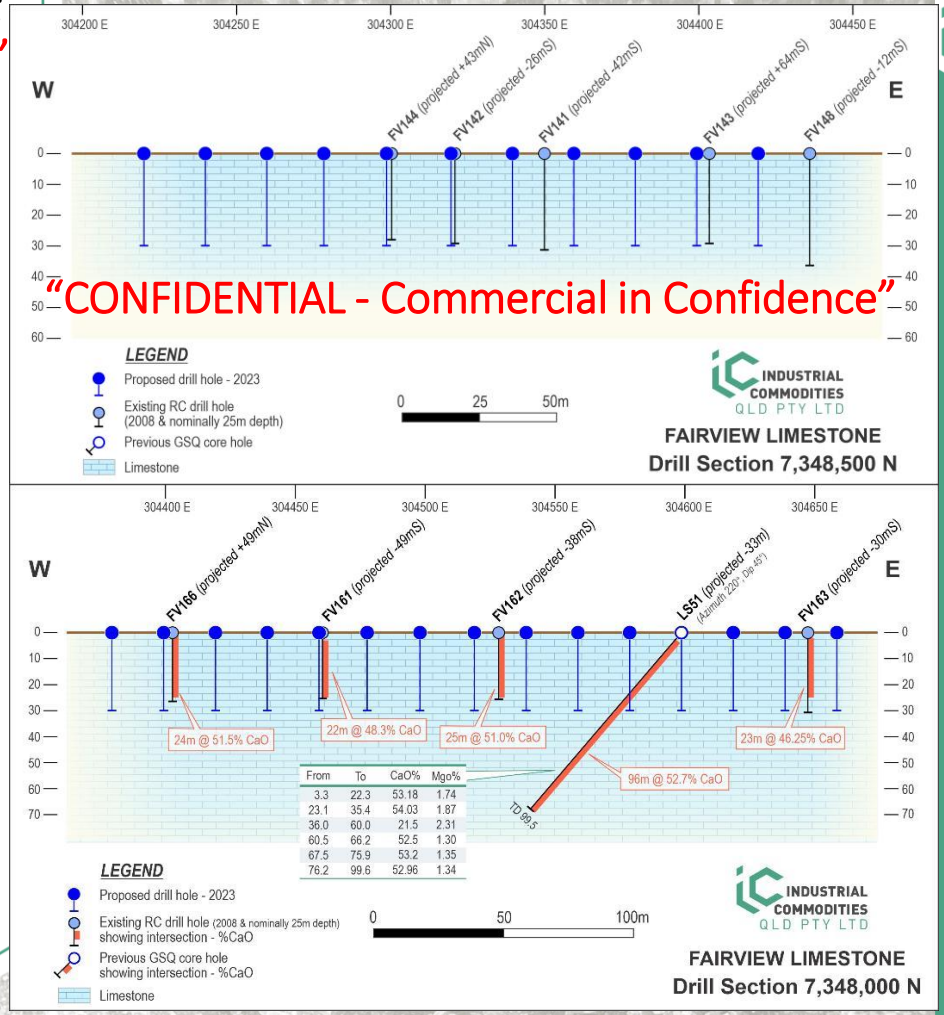
- The Fairview limestone deposit has been defined by **~70 shallow (typically 25m depth) drill holes and 3 diamond core holes (typically 100m depth**) for 2.6km.
- **Estimated over 100 million tonnes (Mt) of good quality limestone within just the 50m** from surface, all within a granted ML 100298 (100% held by ICQPL).
- **Close spaced resource drilling is planned** using a 40m by 20m drill pattern to a depth of 30m to further define high quality limestone – especially >52% CaO with low MgO, SiO_2, Fe_2O_3 for defining kiln quality limestone.
- **~50 drill holes are planned to be drilled in August 2024.**



Fairview Limestone

Hole	# No	From	To	Interval	LOI	CaO	MgO	SiO_2	Al_2O_3	Fe_2O
					(%)	(%)	(%)	(%)	(%)	(%)
LS 50	726	93	96	3	43.6	**52.6**	2.9	0.2	0.1	0.17
LS 50	727	96	**99.4**	3.4	44	**53.3**	2	0.2	0.1	0.16
LS 51	658	3.25	6.93	3.68	42	**51.1**	1.90	2.50	1.30	0.85
LS 51	659	6.93	9.75	2.82	42.6	**52.0**	1.6	2.2	0.8	0.5
LS 51	660	9.75	12.76	3.01	42.9	**54.5**	1.5	0.4	0.2	0.16
LS 51	661	12.76	17.92	5.16	43.3	**53.9**	2	0.3	0.1	0.19
LS 51	662	17.92	22.32	4.4	43	**54.4**	1.7	0.5	0.1	0.17
LS 51	663	23.05	27	3.95	43.5	**53.9**	1.9	0.3	0.1	0.18
LS 51	664	27	31	4	43.4	**53.7**	2.3	0.1	0.1	0.2
LS 51	665	30	35.4	5.4	43.1	**54.5**	1.4	0.3	0.1	0.16
LS 51	666	35.98	39	3.02	44.3	**53.0**	2	0.2	0.1	0.26
LS 51	667	39	43.63	4.63	43.2	**50.0**	3.3	2	0.6	0.55
LS 51	668	43.63	46.31	2.68	41.9	**49.4**	2.9	3.7	0.9	0.74
LS 51	669	46.31	50	3.69	43.1	**52.2**	1.7	1.9	0.5	0.3
LS 51	670	50	53	3	43.6	**52.6**	2	2	0.2	0.17
LS 51	671	53	57	4	43.1	**52.0**	2	2.1	0.2	0.44
LS 51	672	57	60	3	42.5	**52.9**	1.5	2	0.3	0.35
LS 51	673	60.5	66.18	5.68	42.4	**52.5**	1.3	2.8	0.4	0.5
LS 51	674	67.46	71.5	4.04	43.2	**53.8**	0.9	1.1	0.4	0.21
LS 51	675	71.5	75.94	4.44	42.9	**52.6**	1.8	1.6	0.4	0.39
LS 51	676	76.18	80	3.82	43	**53.1**	1.4	1.6	0.4	0.26
LS 51	677	80	83.5	3.5	43	**53.1**	1.4	1.7	0.2	0.23
LS 51	678	83.5	86.5	3	43.2	**53.1**	1.4	1.5	0.3	0.22
LS 51	679	86.5	90.5	4	43.4	**53.6**	1.2	1.2	0.2	0.19
LS 51	680	90.5	93.5	3	42.9	**52.1**	1.7	2.6	0.2	0.33
LS 51	681	93.5	97	3.5	42.8	**52.7**	1.2	2.5	0.3	0.25
LS 51	682	97	**99.57**	2.57	42.6	**53.0**	1.1	2.6	0.2	0.21
LS 52	768	3.25	10	6.75	42.3	**52.5**	1.1	2.6	0.6	0.33
LS 52	769	10	14.4	4.4	42.6	**53.1**	1.1	1.8	0.3	0.23
LS 52	770	14.4	18	3.6	42.3	**52.5**	1.2	3	0.2	0.22
LS 52	771	18	21.7	3.7	41.3	**50.2**	1.4	6.1	0.3	0.27
LS 52	772	21.7	25.2	3.5	42.7	**50.8**	2.5	2.8	0.3	0.43
LS 52	773	25.2	29	3.8	43.4	**53.5**	1.3	1.1	0.1	0.2
LS 52	774	29	33.75	4.75	44	**54.0**	1.2	0.3	0.1	0.21
LS 52	775	35.2	37.4	2.2	42.5	**51.4**	2	2.7	0.4	0.71
LS 52	776	51.45	54	2.55	44	**54.5**	0.7	0.4	0.1	0.18
LS 52	777	54	56.69	2.69	44	**54.5**	0.7	0.5	0.1	0.22

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The Fairview limestone deposit has been defined by **~ 70 shallow (typically 25m depth) drill holes and 4 diamond core holes (typically 100m depth**) for ~2.6km of its 3km strike length (within the ML).

Fairview Limestone GSQ drill core near bottom of LS51.

The Fairview limestone has been marbleised by metamorphism to a sought after **cryptocrystalline rock texture with good test burn characteristics**, which is especially important for the manufacture of burnt lime (CaO).

Fairview Limestone

- Situated in an **ideal rural setting** on a cleared beef grazing property (all freehold land) owned by one supportive landowner.
- **Very low environmental and social impact** as the Fairview limestone deposit within cleared grazing land – ICQ is not aware of any significant flora or fauna issues.
- **There are very few homes in this beef farming area**, the closest being the Fairview station (landowners) which is located over 700m west of the granted mining lease boundary.

Walking with the Fairview Station Landowner in the vicinity of the north starter pit that previous drilling has recorded wide zones of high grade limestone >52% CaO and low Mg-Si-Fe.

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Fairview Limestone

- The Fairview mining lease (ML) is located entirely on a cleared beef grazing property (**all freehold land**).
- **ICQ is not aware of any significant community concerns and flora or fauna environmental issues** and the ML outline was designed to maximise coverage of the majority of the best limestone and to avoid any coverage of the only major local creek (Farmer Creek).
- The ML planning and design has **taken in to account the Fairview Station owners expectations**, plus their practical and aesthetic preferences, hence some portions excluded from the MLA (now ML) to allow for the landowners sentiments.

In middle area of Fairview Limestone deposit - looking S-SSE

Fairview Limestone

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- **Extensive high quality limestone from surface** as defined by drilling for over 2.6km and with widths between 300m to over 450m with $CaCO_3$ grade zones consistently over 94%.
- **Ability to match various market changes demands** and easily scale up from say an initial 200,000 tpa to over 1 Mtpa of crushed limestone and other byproducts.
- Obvious potential for unimpeded well located **large scale long life (>40-50 years) mining** with high strategic resource recovery

"Limestone plays a vital role in humanity's needs"

Typical open pit limestone mine/quarry

East End Limestone Mine – Owned by Cement Australia

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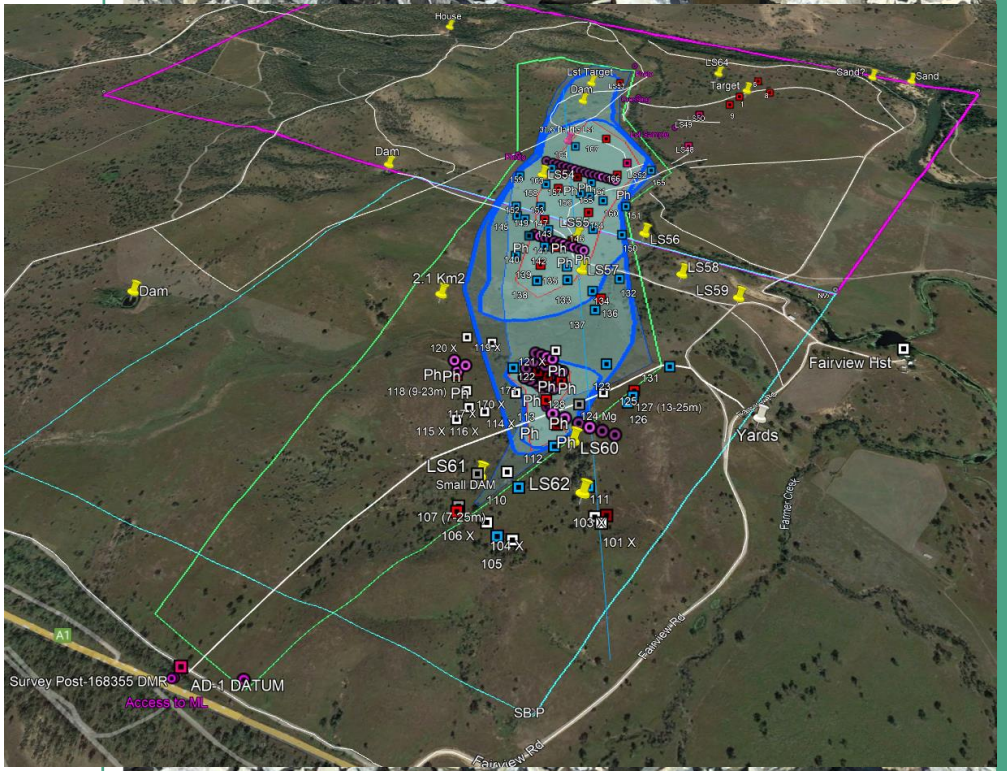
Fairview Limestone

- Google Earth Image looking SSE along strike of the main Fairview limestone deposit.

- The **blue outlines** are the 3 conceptual pit shells starting from the small starter pit in the north to the medium much larger central pit shell to the ultimate encompassing pit shell 2.6km long and 540m wide covering 103 Hectares.

- The **green line** is the granted mining lease outline with an area of 211 Hectares.



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Fairview Limestone

Cement Australia's East End Limestone Mine (12km N of Fairview) superimposed on the mining lease (ML) to provide scale and scope.

Opportunities of this sort of scale and setting don't come along often.

Fairview Limestone Project (100% ICQ)

Ideally located, large high grade cryptocrystalline (marbleised) limestone deposit within a granted mining lease, close to the industrial city of Gladstone.

- Situated in an ideal rural setting, adjoining the Bruce Hwy.
- Located on a cleared grazing property (supportive landowner).
- Very low potential environmental or social impact issues.
- On freehold land and no native title issues.
- Within 211 hectare granted mining lease (ML).
- Adjacent to large Qld Govt allocated industrial development park.

It is expected the Fairview limestone mine could supply limestone products for many decades and all limestone and clay material extracted from the open pit mine will be able to be sold.

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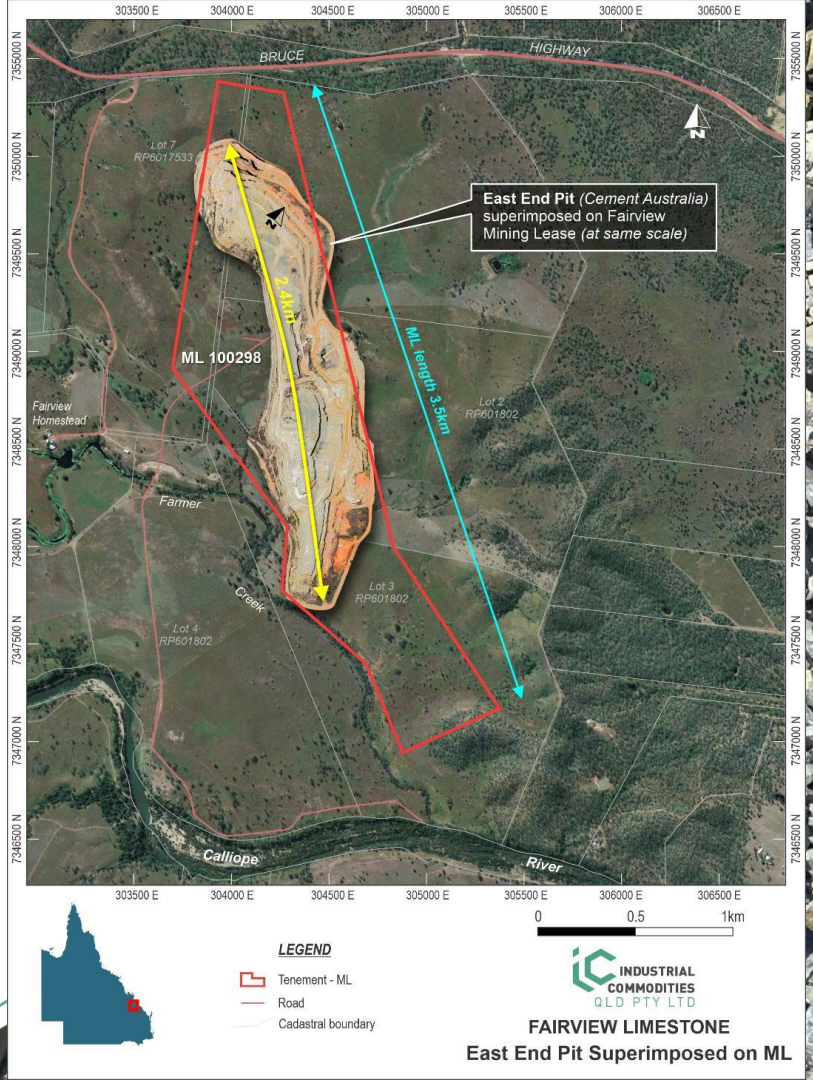

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Limestone Uses

- **Limestone has a wide range of uses and markets.**
- **Burnt lime** (quicklime or CaO) from kiln heating.
- **CaO** used in variety industry used in steel manufacturing (flux), water treatment/pH control, soil conditioning/stabilisation, chemical industry, paper & pulp etc.
- Crushed limestone mixed with clay and then burnt in a kiln to form **“clinker”** which is then pulverised to form **cement**.
- **Crushed quarry limestone** for aggregates used in concrete, civil construction and building – see next Slide 22.
- **Large limestone blocks**, slabs, retaining walls, flooring, facades, decorative.
- **Waste Treatment**, neutralise acidic waste, precipitate heavy metals.
- **Flue Gas Desulfurisation** – remove SO_2 from industrial emissions.
- **Paper manufacturing.**
- **Agriculture- agricultural lime or “aglime”.**

Crushed Limestone Aggregate Benefits to Concrete

Crushed limestone has several important advantages over river gravel and siliceous quarry rock as an aggregate for concrete making it materially more cost effective:

1. For a given amount of cement in the mix, crushed limestone (typically 60-75%) aggregate concrete will have an **approximately 10% strength advantage and added durability.**

2. Crushed limestone has a **lighter unit weight than rounded river gravel or siliceous crushed gravel**, it will require about 12% less crushed limestone.

3. Crushed limestone concrete is **easier to saw** through than gravel based or crushed siliceous gravel concrete.

4. **Crushed limestone concrete also has a lower thermal coefficient of expansion than gravel concrete**. Thermal stability coupled with limestone's superior curing properties results in greater crack spacing, and less crack width in limestone concrete slabs.

Integrated Development Strategy & Opportunity

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ACN 615 031 359

MINE Stage 1 – Gain cash flow from a scaleable development mine/quarry and flexible operation producing 200,000 tonnes to 1Mtpa range Of limestone product sales.

Fairview Limestone Project (100% ICQ)

Ideally located, large high grade cryptocrystalline (marbleised) limestone deposit within a granted mining lease, close to the industrial city of Gladstone.

- Situated in an ideal rural setting, adjoining the Bruce Hwy.
- Located on a cleared grazing property (supportive landowner).
- Very low potential environmental or social impact issues.
- On freehold land and no native title issues.
- Within 211 hectare granted mining lease.
- Adjacent to large Qld Govt allocated industrial development park.

It is expected the Fairview limestone mine could supply limestone products for many decades and all limestone and clay material extracted from the open pit mine will be able to be sold.

Limestone $CaCO_3$ plays a vital role in community's needs
Producing mined & crushed limestone products sold to various markets in the Gladstone and Central Queensland region.

Crushed limestone rock products include road base, aggregate, clean fill, rail ballast, crushed rock etc. – sell products to existing road, housing, rail, civil developers & contractors.

Fairview limestone is suitable for all limestone using industries including **feedstock for the manufacture of Burnt Lime CaO, Cement Clinker and Agricultural Lime – plus mine/quarry rock.**

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ICQ growth potential (with or without established partners)

KILNS Stage 2 – evaluate add on, complimentary integrated major value adding industries to produce end products that could potentially increase competiveness, operating margins and cash flow. Potentially a large company making opportunity.

* *Materially less overall energy cost & CO_2 emissions*

Heat source feedstock can be one or more of the following locally available energy sources – traditional coal, gas and/or classified combustible waste* as a fuel to **produce heat** to burn limestone and produce lime (quick lime or CaO) & cement.

Heat used in cement kiln to turn crushed limestone and clay mix into **clinker cement** product for sale.

Lime Kiln to burn limestone rock into high value **burnt lime** $CaCO_3$ + heat > **CaO** + CO_2

Excess heat captured to heat boilers to make steam to drive conventional generators to make electricity to use & sell.

Electricity used onsite for mine, kilns and operations with excess electricity **sold to local power grid**.

Burnt Lime CaO product sold & used in many industries, pH control, chemical, construction, mortar, plaster, steel, plastics, paper, asphalt, agriculture, sugar, etc.

CO_2 gas captured * and used in industrial applications and **large industrial scale greenhouses** to have >1,000 ppm CO2 for fertilisation of vegetable foods speeding up plant growth, produce quality and size.

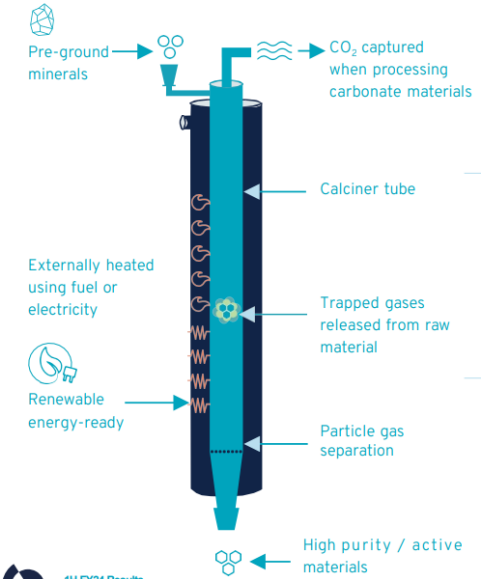
* *Materially less overall energy cost & CO_2 emissions*

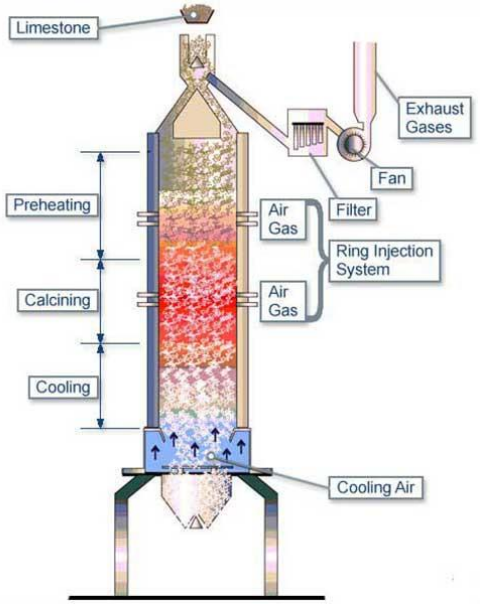
NEW LIME KILN TECHNOLOGIES

- Emerging kiln technologies to reduce Capex & Opex costs, reduce energy, improve products & reduce CO_2 emissions.
- Lower cost capture of unavoidable process CO_2.
- Flash Calcining using one or more fuel sources.
- Modular, scalable and mobile (smaller footprint).
- Pre-ground limestone flash calcined to a fine/powder.
- De-carbonation benefits: CO_2 captured for use and saleable product.

Calix's core platform tech

A new way to "heat stuff up"





Project Risk Factors & Ranking

Fairview Limestone Project – Preliminary Project Risk Assessment

Risk Characteristic	Comment	Risk Ranking
Limestone size / resource potential	~3km length by 300-450m wide defined by drilling and outcrop mapped. ~70 drill holes completed from 25-100m depth – size largely dependent on depth.	**Very low risk**
Limestone grade/quality competitive	~70 drill holes - Major portion drilling have >50% CaO the quality will dependent on market with burnt lime most stringent (and highest payment/t). De-risked with more infill drilling.	**Low risk**
Location & land access	Ideally located close to Gladstone, adjacent to Bruce Highway, industry and markets. Relatively low capital cost compared to similar start up projects.	**Low risk**
Landowner relations	The sole landowner has been very cooperative even pro-development.	**Low to moderate risk**
Environmental issues or threats	On open cleared grazing land with low biomass & low diversity. There are no limestone caves. Environmental studies should be relatively simple.	**Very low risk**
Social or community negativity	Very few houses in adjoin area as rural setting – closest home is the landowners 700m from edge of ML	**Low risk**
Native Title or Cultural heritage	All area under ML is freehold land and cleared having been farmed for many generations.	**Very low risk**
Market for limestone products	Preliminary market study and assessment has been initiated. Grade/quality and cost to produce should be very competitive. Depends on which market as there are multiple markets and prices paid for each one vary.	**Moderate risk**
Granting of permits, delays, social licence to operate and ability to mine	The Mining Lease is already granted and EA disturbance below 10 Ha. Delays could be incurred developing the Bruce Hwy T-Junction and or critical mass contracts for limestone and clay products in timely manner.	**Low risk.**
Insufficient market for products	There is substantial limestone present for all quantities of limestone products- much will depend on the demand and price paid. ICQ is confident that the forecast market for all limestone products is growing.	**Moderate risk**
Funding ability	Much will depend on market conditions at the time and binding contracts secured for the supply of limestone products. Could mitigate funding risk by having project partners.	**Moderate risk**
Potential ground water issues and flooding	Possibly, however at this stage considered unlikely in the shallow sections i.e. the top 30m. It should be noted that when the East End pit has a lot water, the water quality is good and they can pump in to local creek(s) and or use for irrigation local crops and pasture.	**Low to moderate risk**
Development and or production time frames delayed or not achieved within expectations	Production target estimates and or time frames contained in this presentation do not provide absolute assurance of economic development at this stage.	**Moderate risk**
Other competitors or major expansions entering the market	Much will depend on the planned marketing study. There are other undeveloped limestone deposits in the Gladstone region. ICQ is not aware any new limestone mines or major expansions of existing mine/quarries.	**Low to moderate**

Note: - ICQ continually reviews and responds to project risks as part of planning and operational management processes. ICQ is not aware of any new information or data that materially affects the information included in this presentation.

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Fairview Limestone

Next Steps 1H 2024

- **Close spaced resource drilling is planned** using a 40m by 20m drill pattern to a depth of 30m to further define high quality limestone – especially >52% CaO with low MgO, SiO_2, Fe_2O_3 **~50 drill holes are planned to be drilled in August 2024.**
- Using specialists consultants, meeting with local authorities for the initiation of the **planning and permitting of an appropriate T-Junction road connection** joining the Fairview ML to the Bruce Highway for the trucking of limestone products.
- **Progress Extractive Industries Permitting**
- **Marketing study – meetings with significant users and suppliers of limestone products for potential partnerships in the Gladstone region.**

Fairview Limestone Highlights

1.

Commercially attractive attributes

Fairview Limestone project has excellent development attributes for long life production of high quality crushed limestone/rock products and clay from a granted mining lease 100% owned.

2.

Variety of Products

The limestone is suitable for all industries including feedstock for the manufacture of burnt lime, cement clinker and agriculture lime - plus quarry rock and clay.

3.

Large & High Grade

Estimated over 100 million tonnes (Mt) of good quality limestone within just the 50m from surface. Large high grade limestone deposit that has been marbleised forming cryptocrystalline limestone for a length of over 3 km.

4.

Excellent location

Excellent location 20km west of the industrial central Queensland city of Gladstone (population ~50,000) and adjacent to the Bruce Highway. Situated in an ideal rural setting on a cleared beef grazing property (all freehold land).

5.

Low Impact

Very low environmental and social impact as the Fairview limestone deposit within cleared grazing land - not aware of any significant flora or fauna issues.

There are very few homes in this beef farming area.

ICQ Corporate Snapshot

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- ICQ established Dec 2021 – Brisbane and Gold Coast based
- Two experienced directors Andrew Gillies & Adrian Day (both geologists)
- 2,800 shares on issue
- Three (3) shareholders:
  - Golden Breed Pty Ltd 45%
  - Latsod Pty Ltd ATF Dostal SF 45%
  - Australian Asiatic Gems Pty Ltd 10%
- No debt & the Company runs on minimal overheads.
- Funded on an as required basis by existing shareholders to date, investment loans converted to shares.
- Accountants – Crest Accountants – Gold Coast
- Legal – HWL Ebsworth - Brisbane

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(Mining Mondays Presentation June 24)

INDUSTRIAL COMMODITIES
QLD PTY LTD
ACN: 656 097 237

industrialcommodities.com.au

CONTACT

Andrew Gillies
Director, Geologist
gillies_andrew@yahoo.com
0416 137 556

Adrian Day
Director, Geologist
adrian.day@qgm.com.au
0418 181 907

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