



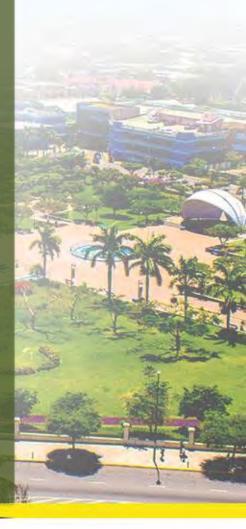






OUTLINE

- Jamaica: An ideal investment location
- Recent large-scale investment projects
- Mining/Minerals Investments













QUICK FACTS

Population: 2.88 million

Largest English speaking island in the Caribbean

Democratically elected Government,
every 5 years

GDP per Capita: US\$9,200

Literacy Rate: 87.9%











LIBERAL AND WELCOMING BUSINESS CLIMATE

Open and transparent investment regime

Range of market access agreements

No restrictions on repatriation of profit

Zero restrictions on foreign ownership

Pro-investment parliamentary democracy

No foreign exchange controls













GROWING RECOGNITION

- Ranked 70th in Doing Business Report

 World Bank 2017
- 3rd in Latin America for Doing Business

 Forbes Dec '15
- Finance & Accounting (F&A) process expertise

 Gartner Conference Sept '14
- Highest performing stock market in the world 2015
 Bloomberg









DIVERSE MIX OF MNCs

























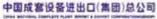








































CONFIDENCE OF LOCAL INVESTORS





























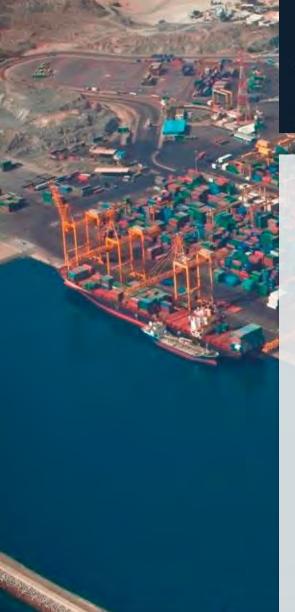












READYING THE LOGISTICS INFRASTRUCTURE

Ranked 70_{TH}

of 190 Countries - World Bank 2017

ASYCUDA Implementation

Port Computer System Implemented

Transformed Business Environment

Implementation of SEZ Authority

Dredging the Port of Kingston

Completion of Feasibility Studies













12

major ir shipping lines fli serving Jamaica fro

400

international flights weekly from over 40 airlines

100

weekly port connections for Cargo movement

2.8M 12K

TEU capacity at Kingston Terminal

TEU's Ship handling capability

expanding to handle Post Panamax









US\$20M ON-PORT LOGSITICS ZONE



South-Eastern Aerial View



Container Stripping & Stuffing Dock



LCL Customer Delivery Dock



Aerial View









US\$450M DREDGING AND QUAY EXPANSION









US\$200M

OIL BUNKERING FACILITY









ALUMINA REFINERY

PLANNED INVESTMENTS TOTAL US\$ 3 BILLION









History and Experience in Mining









Active Limestone and Aggregates Sector







Strategically Located and Well Connected



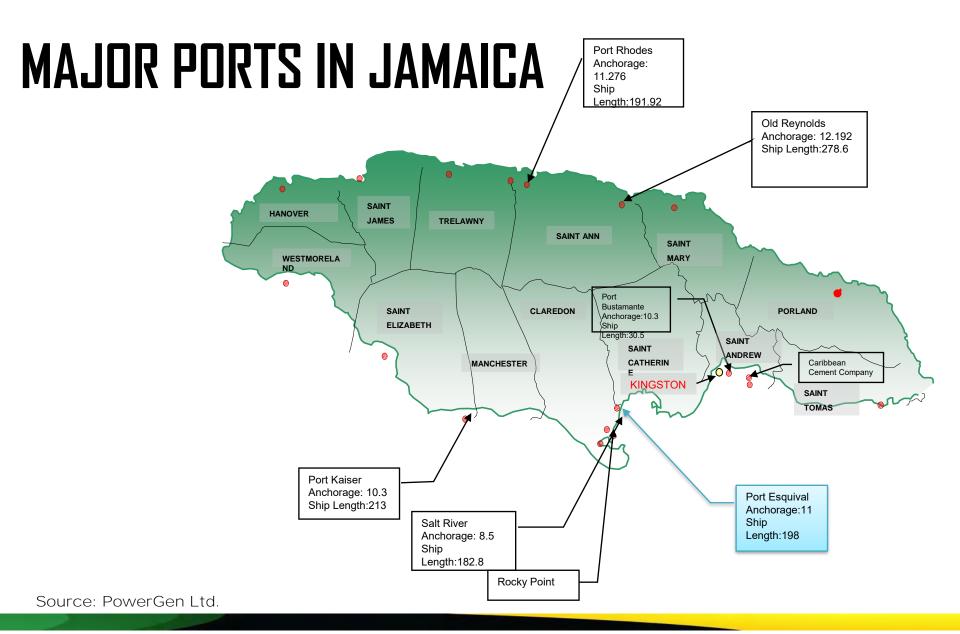
Multiple....

- Shipping Options
- Air Freight options
- Courier Options















Mining Opportunities:

The main **metallic mineral resources** in Jamaica are bauxite, cobalt, copper, gold, iron, lead, manganese, silver, titanium and zinc.



Jamaica's most abundant mineral is Limestone. 98% C_aCO_3 high purity grade



One of the largest deposits of Bauxite in the World.

Commercially mined.

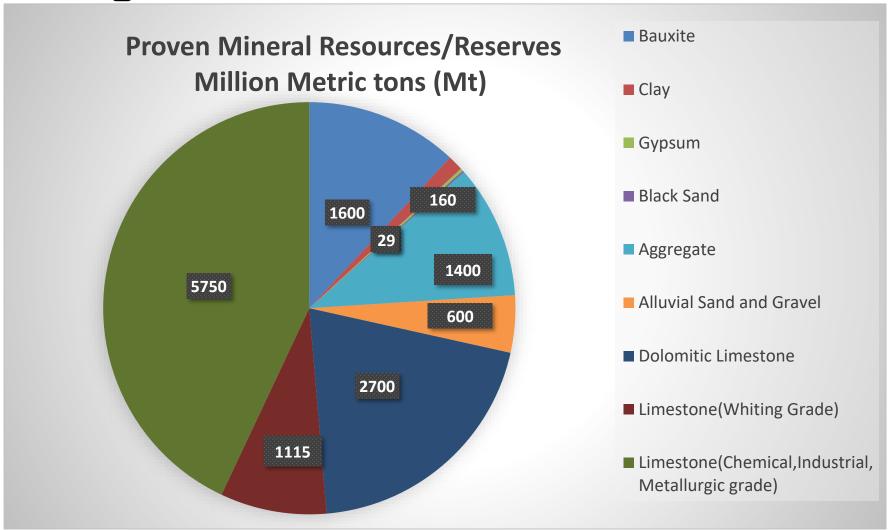


Non- Metallic minerals sub-sector in the early stages of Economic Development





Background - Mineral Resource Data









Domestic Production

	2012	2013	2014	2015	2016
Marl & Fill	1,197.3	1,197.6	10,311.8	4,303.6	3,012.5
Limestone	2,232.6	1,949.4	2,138	1,960.9	2,748.1
Sand & Gravel	2,599	1,902.4	2,118	2,208.1	1,766.5
Shale	250.5	205.3	308.1	240.5	180.8
Pozzolan	107.2	112.3	129.2	107.8	128.6
Gypsum	64.8	48.3	45.2	42.9	49.7
Silica Sand	13.9	15.8	15.8	15.6	19.8
Clay	300.6	12	0.2	0.4	0.4
Marble	0.1	0.1	0.1	0.1	0.1







Bauxite & Alumina Industry – World Demand

Main End-Use Drivers of Aluminium

CAGR:2016-2021

Transport - 4.9% p.a.

Construction - 2.1% p.a.

Machinery and Equipment – 4.2%

Electrical – 4.2%







- Contribution to GDP 3.8% (Pre-recession 2008)
- Bauxite Reserves 1.6 billion metric tonnes
- Mining Life 50 to 100 years at an extraction rate of 11 million tonnes per year







- Currently experiencing gradual improvement after several years of steep decline.
- Alumina production capacity 4.3 million tonnes per year.
- Noranda Capacity 4.5 million dry tons of bauxite per year.







Ewarton, St. Catherine



Kirkvine, Mandeville









JAMALCO

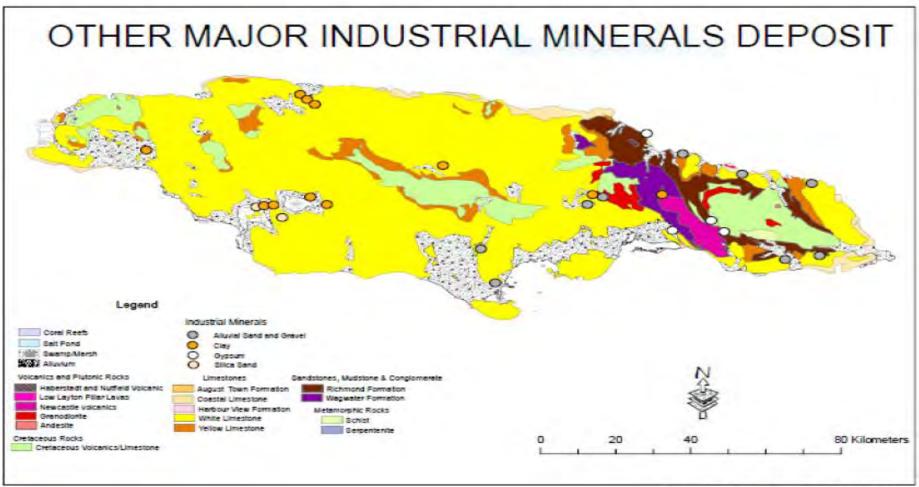












Prepared by the Economic Minerals Unit Mines and Geology Division 29/1/2010







Limestone

Quality of Deposits



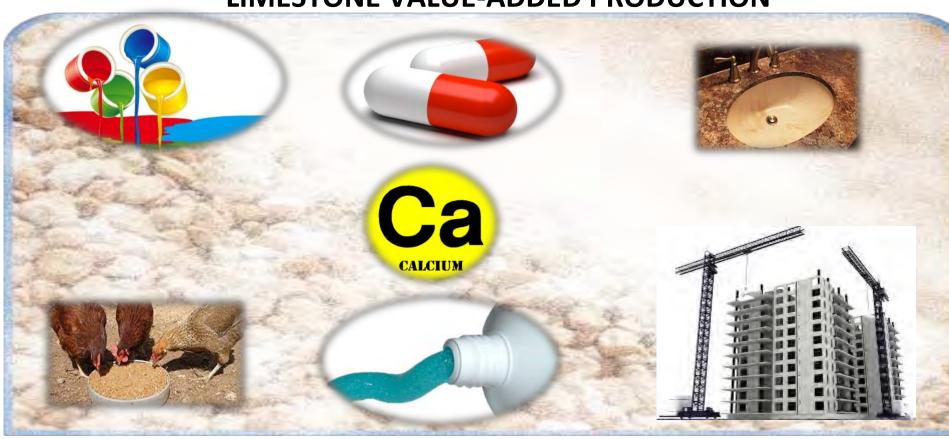
98% CaCO3
High Purity Grade LIMESTONE







Value Added Opportunities LIMESTONE VALUE-ADDED PRODUCTION









Value Added Opportunities

Skid Resistant Aggregates 270 million tonnes reserves













Value Added Opportunities

MARBLE

interior decoration, statuaries, table tops, and novelties, sculpture, exterior walls, veneers, flooring, stairways and walkways.















Significant Untapped Deposits

Semi-Precious Stones

Agate

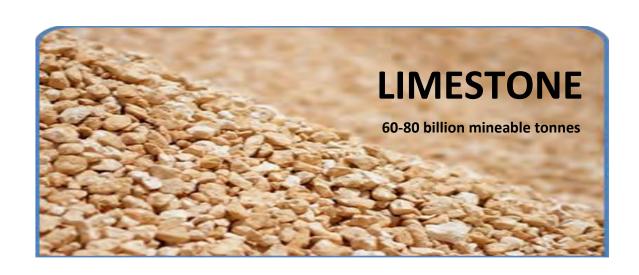
Chert

Jasper

Quartz



MARBLE 21 deposits identified









Cultured Marble

What is Cultured Marble?

Cultured marble is a blend of crushed Limestone, resins, and pigments. The mixture is then poured onto a gel coated mold for a designated pattern.

Cultured marble which is used most often in Kitchen and bathroom fixtures would attract clients and potential stake holders for its low maintenance, durability and economic viability.















Cultured Marble

- Domestic Imports (5 year avg): \$6.8 million, 5462 tons
- Source Markets: USA, Spain, Mexico, China, India
- Primary Uses: countertops and other solid surfaces
- Key Raw Material: limestone, resin







Beach Sand - The Opportunity









MINERAL INVESTMENT OPPORTUNITIES IN JAMAICA

Opportunity	Location	Market Application	MINERAL INVESTMENT OPPORTUNITIES IN JAMAICA Comment
Limestone	Cambridge- Sherwood Forrest	CaCO ₃ : 98% Uses: GCC/PCC; paints, animal feed, PCV intrusions etc	Outside of protected area. Chalky limestone
	Santa Cruz Mountain	CaO: 55.38% Uses: GCC/PCC; paints, animal feed, PCV intrusions etc	Nearby port
	Negril Hill	CaCO ₃ : 97.5% Uses: GCC/PCC; paints, animal feed, PCV intrusions etc	Deposit is in close proximity to the coast
	Colbeck	CaO: 38.3-54.7% MgO: 14-18.7 Uses: construction aggregate, lime, dolime, dimension stone	Nearby port. Deposit also has potential for use as dimension stone
	Grange Hill	CaO: 55.3% Uses: Lime, hydrated lime, white cement, GCC/PCC	Nearby port
	Hellshire Hills	CaO: 55.6% Uses: Aggregates, dimension stone	Potential for aggregate or dimension stone. Colour varieties range from cream to pink with fossil ornamentation







MINERAL INVESTMENT OPPORTUNITIES IN JAMAICA

Skid Resistant Aggregate

Skid Resistant Aggregate	Bito Ramble	PSV: 58 Uses: wearing course for runways, highways and other high speed roads	Nearby port. Good access to deposit
	Devils Race Course	PSV: 54-59 Uses: wearing course for runways, highways and other high speed roads	Large volume of resource







MINERAL INVESTMENT OPPORTUNITIES IN JAMAICA

Dimension Stone

nension one	Red Ground	Density: 2.7g/cm ³ Mean compressive strength: 89.9 psi Uses: Floor tiles, wall cladding, craft items	Colours range from red, pink, and yellow. Calcite vein ornamentation
	Rodon Store	Density: 2.7 g/cm ³ Mean compressive strength: 89.9 psi Uses: Floor tiles, wall cladding, craft items	Partially dolomitized. Colour varieties include brown, pink, cream and calcite and manganese ornamentation.
	Point Hill	Density: 2.73 g/cm ³ Mean compressive strength: 89.9 psi Uses: Floor tiles, wall cladding, craft items	Partially dolomitized. Colour is typically brown with blends of beige and cream.







Investments - Rehabilitate Plants



Many Plants are well Over 50 years old and in need of rehabilitation to improve their efficiencies.

Rehabilitation will require significant capital injection by the companies.





Investments - Upstream





New Mines will be opened Faraway from the processing facilities increasing demand for More railways







Investments - Downstream





The construction industry will be one of the major drivers of global aluminium demand over the next five years.

Machinery and Equipment will also play a significant role in demand generation.

With its Special Economic Zone Regulations – Jamaica is well poised to manufacture these products.







Investments - Downstream

Sodium Hydroxide/Caustic Soda

- Domestic Imports (5 year avg.): US\$69 million, 211,589 tons
- Source Markets: USA
- Domestic Production: Nil
- Primary Use: aluminium refining, soap and paper manufacturing
- Key raw material: rock salts/salt water







Investments - Downstream



LIME Kiln



Red Mud Lake



LNG Holding Tank



Port Kaiser – Discovery Bay, St. Ann







Bauxite Investments

Uses of Bauxite Mined Out Lands

Cattle Farming



Pimento Orchard



Yam Farming







