

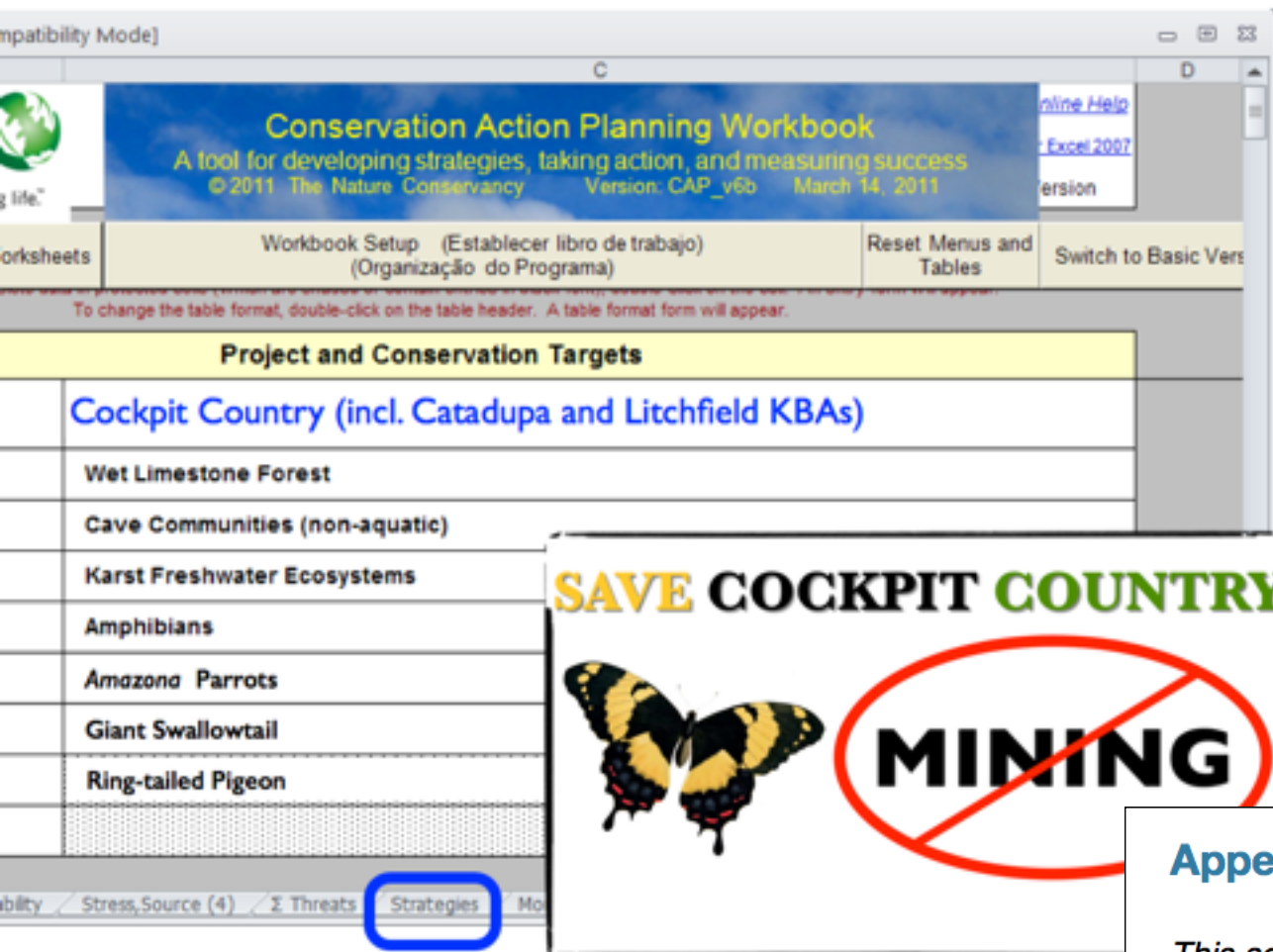
# OVERVIEW

1. Windsor Research Centre (WRC)  
- A Brief History
2. Cockpit Country Conservation Planning
3. Homerus Conservation  
- An Epic of Landscape Proportions
- 4 Hot-Off-The-Press News  
- 2016 and Onwards ...**

Supported by:



# Homerus & Friends: The Present & Future



## Appendix 2

This set of sixty seven Actions corresponds to the Strategies listed in Appendix 1 above

ACTIONS	THREATS													
	BAUXITE MINING	FOREST CONVERSION	ROADS / UTILITIES	COLLECTING	POACHING	HOMERUS VIABILITY	INVASIVE ANIMALS	INVASIVE PLANTS	FRESHWATER VIABILITY	FROGS VIABILITY	CAVE VIABILITY	PLAIN PIGEON VIABILITY	LIMESTONE MINING	IMPACTS OF AGRICULTURE
1 Create a "No Mining in Cockpit Country" bumper sticker	X													
2 Organize community demonstrations	X													
3 Meet with Ministry of Mining and other GoJ Entities	X												X	
4 Meet with Minister of Mining	X												X	
5 Create a "No Mining in Cockpit Country" bumper sticker	X													

In late 2015, it was obvious that a national election was going to be called for early 2016.

Given that our key actions for preventing bauxite mining include meeting with the Minister of Mining, we slowed our advocacy efforts to await election results. We knew there would be a new minister regardless of which party won.



# Homerus & Friends: The P

Project and Conservation Targets	
Cockpit Country (incl. Catadupa and Litchfield KBAs)	
Wet Limestone Forest	
Cave Communities (non-aquatic)	
Karst Freshwater Ecosystems	
Amphibians	
Amazona Parrots	
Giant Swallowtail	
Ring-tailed Pigeon	



THE UNIVERSITY OF THE WEST INDIES, MONA CAMPUS  
CENTRE FOR ENVIRONMENTAL MANAGEMENT

PUBLIC CONSULTATIONS ON DEFINING THE BOUNDARIES OF THE COCKPIT COUNTRY



Technical Report Prepared by  
Professor Dale Webber and Dr. Claudel Noel  
Centre for Environmental Management  
September 2013

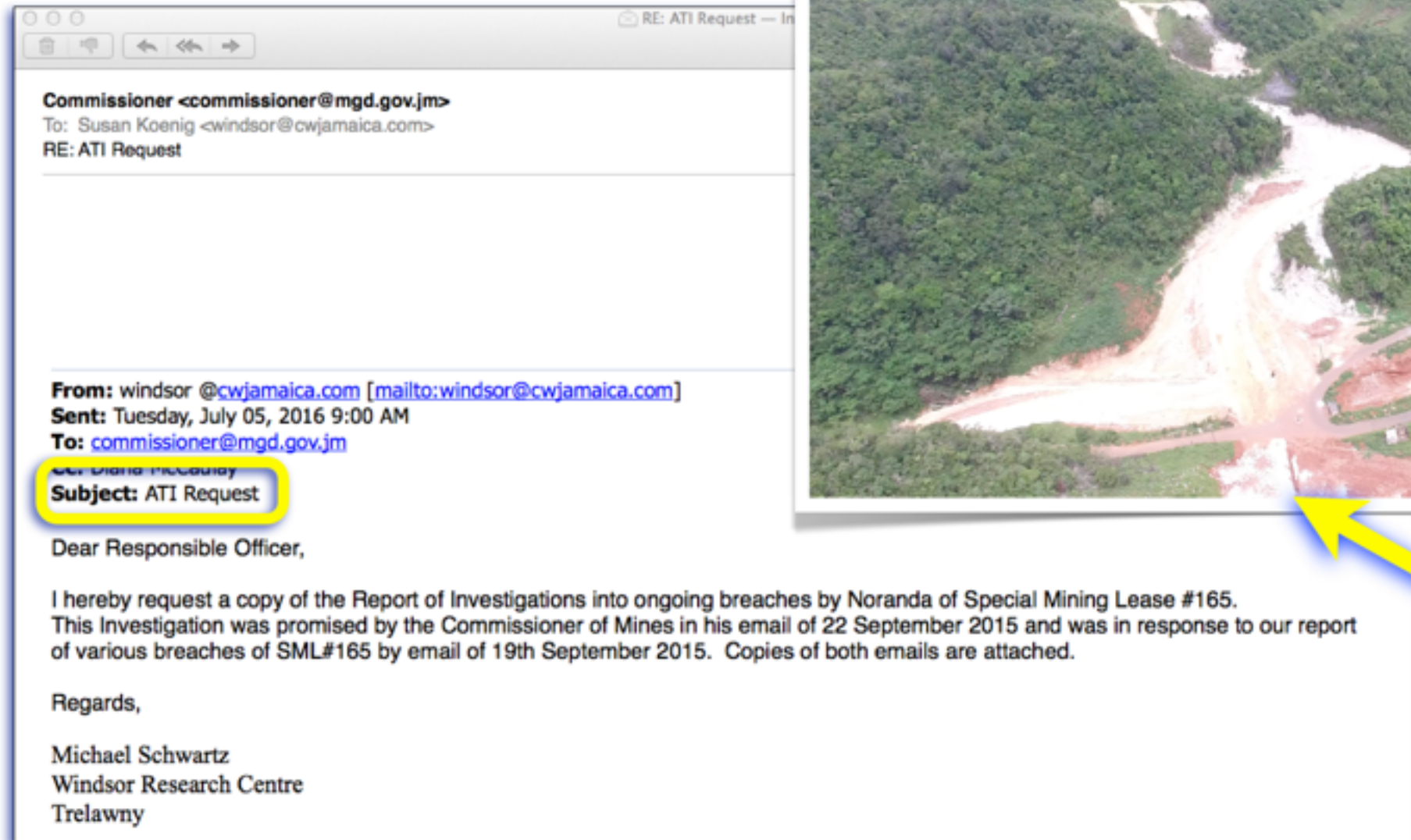


JAMAICA  
LABOUR  
PARTY

Although both parties have proclaimed that there will be “no mining in Cockpit Country”, neither has shown the political will to resolve the boundary issue. Despite commissioning a public consultation in 2013, the previous PNP government did not resolve anything before they lost the election in 2016. The new Prime Minister did not appear to be aware of the public consultation when handed the report by WRC’s Mike Schwartz in May 2016.

Without the declaration of a boundary, an area cannot be “closed to mining” under the Mining Act.

# Homerus & Friends: The Present & Future

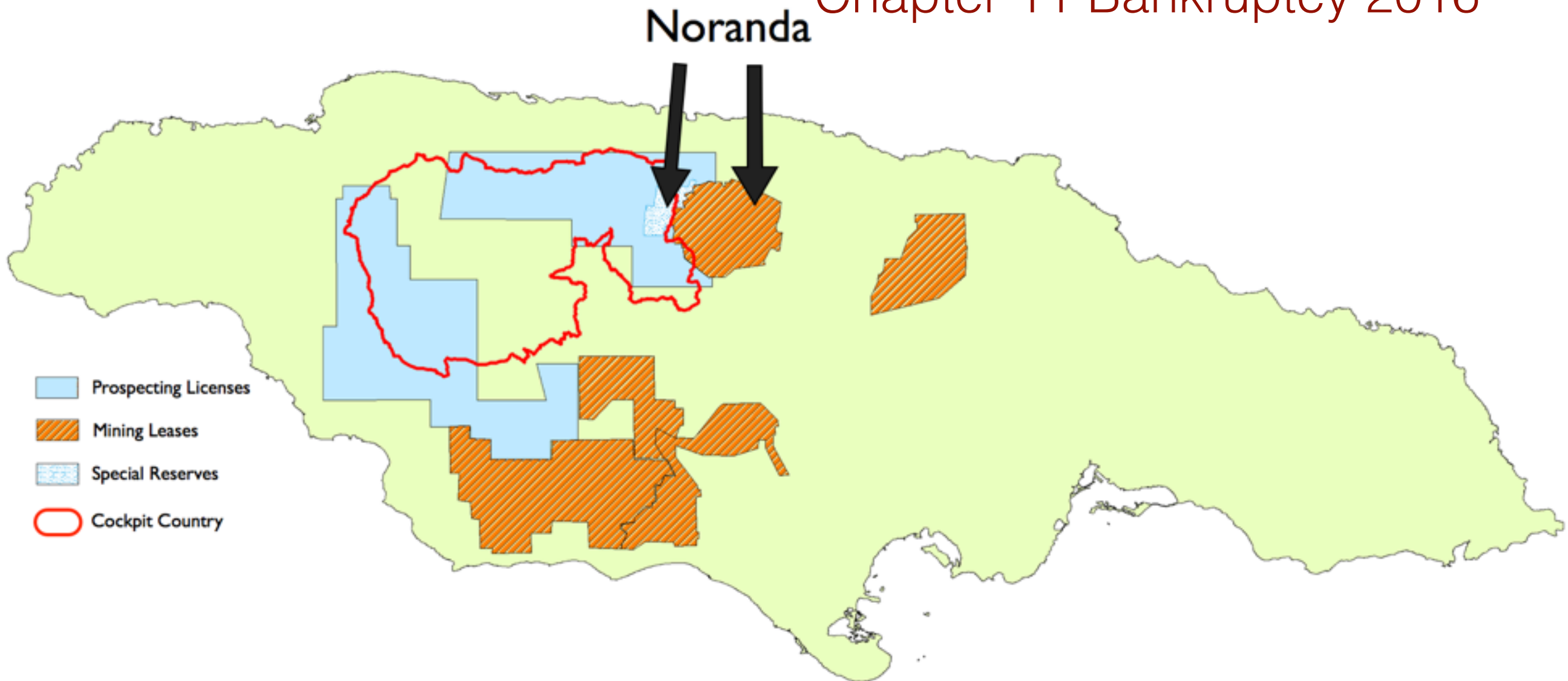


In the meantime, we continued to identify & report new breaches of Noranda's Mining Lease on the eastern border Cockpit Country.



*Hot Off the Press*

Chapter 11 Bankruptcy 2016







And then we learned on 8th February 2016 that Noranda Aluminum Holding Corporation filed for Chapter 11 Bankruptcy in the US.

# Hot Off the Press



## Noranda Aluminum Holding Corporation Form 10-K US Securities & Exchange Commission Fiscal Year Dec 31 2015

“...Our environmental-related liabilities of **\$19.6 million** and **\$20.8 million** in December 31, 2015 and 2014, respectively, comprised the following:

- **Reclamation obligations at St. Ann** to rehabilitate the land disturbed by the Bauxite mining operations; 
- Asset retirement obligations at New Madrid related to pot liners; 
- Asset retirement obligations at Gramercy related to red mud lakes; and 
- Environmental remediation obligations at Gramercy for clean-up costs. 

All accrued amounts have been recorded without giving effect to any possible future recoveries...”



## Business

### Objections increase as Noranda presses to sell

GOJ silent on sale of Jamaican assets

BY AVIA COLLINDER Business report collindera@jamaicaobserver

Friday, July 15, 2016 2 Comments

Like Share 18 Tweet

Brandy L Chetsas, editor in chief at bankruptcompanynews.com, posted on July 13 that objections to the sale of assets by Noranda Aluminum Holdings Corporation (NAHC) from creditors are growing, now including among their number Occidental Chemical (OxyChem) and Bank of America.

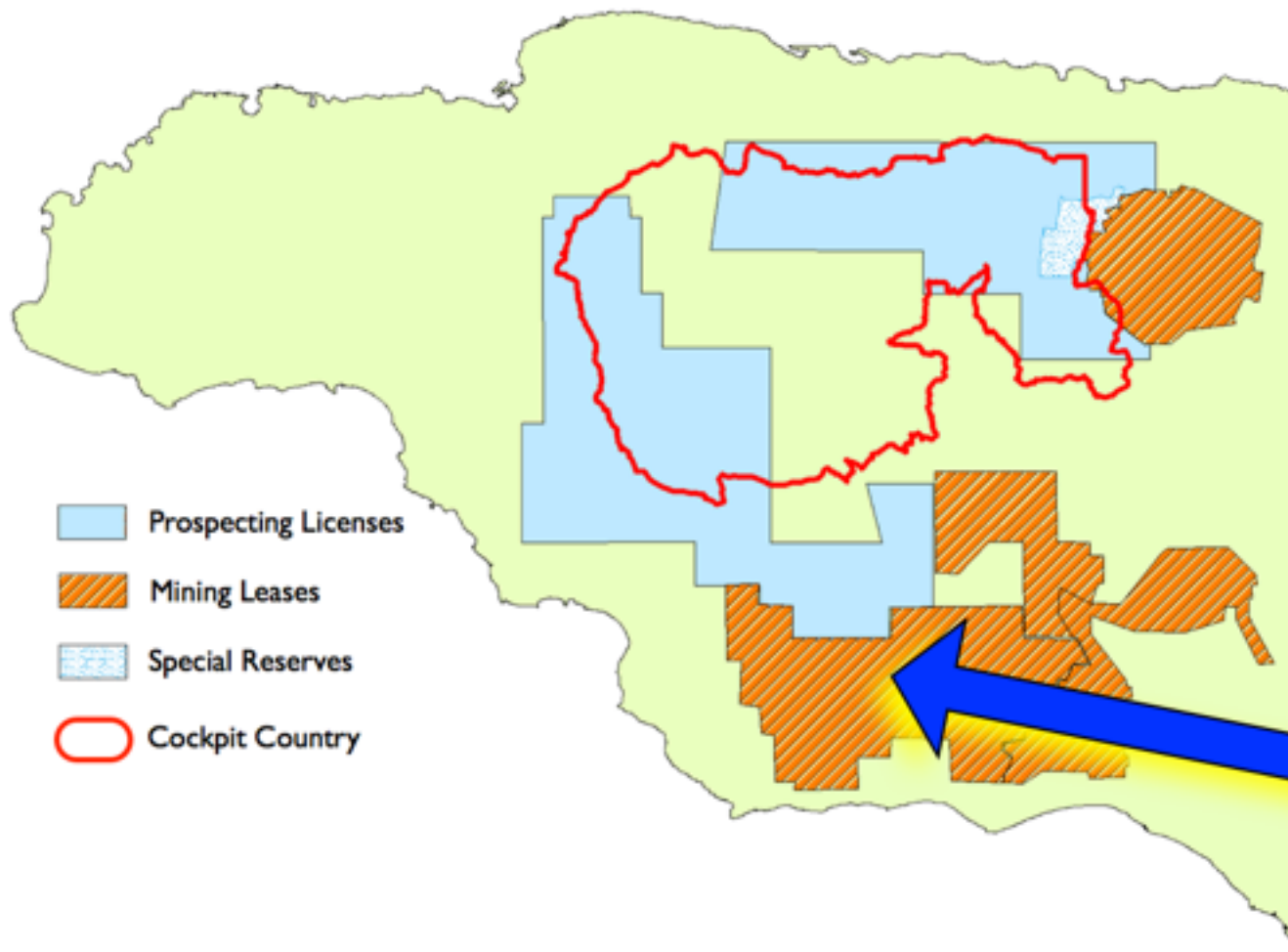
Jamaica Observer, meanwhile, has been unable to elicit a response from the Ministry of Transport and Mining on the Jamaican Government's response to Noranda's plan to sell assets held in St Ann Bauxite, owned jointly with the GOJ.

Questions sent to the Ministry three weeks ago and subsequent follow-up have not received a reply.

Overall, Noranda owes upwards of US\$10 billion to creditors, as disclosed in its bankruptcy filing. Platt.com indicates that Noranda had between 1,000 and 5,000 creditors in total, assets of between US\$1 billion and US\$10 billion, and liabilities of between US\$1 billion and US\$10 billion.

Like our local media (which can't obtain answers from GoJ), we have many questions concerning Noranda's existing obligations and what guarantees GoJ is planning to give the new purchasers of the Jamaican assets, which are slated to be auctioned on 27th September 2016.

# Hotter Off the Press



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Published: Wednesday | July 20, 2016 | 10:00 AM

Norman Grindley  
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NCB acquisition of Guardian stake creates conflict for BOJ deputy governor

And as I was putting the finishing touches on this Keynote, Government of Jamaica announced the sale of the Nain alumina refinery to the Chinese entity Jiuquan Iron and Steel Company (JISCO).



# HOMERUS & Friends: An Epic of Landscape Proportions

Compatibility Mode]

**Conservation Action Planning Workbook**  
A tool for developing strategies, taking action, and measuring success  
© 2011 The Nature Conservancy Version: CAP\_v6b March 14, 2011

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**Project and Conservation Targets**

<b>Cockpit Country (incl. Catadupa and Litchfield KBAs)</b>
Wet Limestone Forest
Cave Communities (non-aquatic)
Karst Freshwater Ecosystems
Amphibians
Amazona Parrots
Giant Swallowtail
Ring-tailed Pigeon

SAVE COCKPIT COUNTRY

MINING

## Appendix 1

This ranked set of thirty seven strategies is expected to mitigate the current threats to biodiversity in western Cockpit Country (the Catadupa Key Biodiversity Area).

Colour coding:

green=protection of homerus habitat; blue=protection of Homerus species; black=general

Strategy #1: Advocate to have GoJ accept Public Consultation (2013) boundary

Strategy #2: Minister declares Cockpit Country "closed to mining"

Strategy #3: Invoke the principle that KBAs are "Ecologically Sensitive Areas" and must be excluded from mining.

Strategy #4: Maintain Unity of being a "Cockpit Country Community" and Pride in biological and cultural heritage

Strategy #5: Ensure communities are informed about what bauxite mining really brings to an area.

Strategy #6: Engage professional media to sustain local and national awareness of issue of mining Cockpit Country

Strategy #7: Ensure natural hydrodynamic / flow regimes are maintained for Catadupa karst freshwater systems

Strategy #8: Promote proper planning of new or modified roads / utilities, with particular attention to ensuring that any modifications (e.g. re-alignment or widening) to the existing roadway must be designed to ensure no loss of forest connectivity

Strategy #9: GIS-based approach to identify suitable areas and corridors for cost-effective forest restoration

Strategy #10: Restore forest in critical areas (river banks, and cave entrances) using native plant species

Strategy #11: Ensure Parish Development Orders are designed to protect ecosystem services provided by Catadupa KBA

Strategy #12: Ensure principles of "Ecosystem Services" and "Ecological Connectivity" are integrated into spatial planning

Strategy #13: Raise awareness of laws protecting Jamaican flora and fauna

Strategy #14: Work with GoJ agencies and communities to enforce existing laws and regulations

Strategy #15: Promote respect for "wild" wildlife among members of the public

Strategy #16: Recognize that the Giant Swallowtail is "trigger species" for the KBAs & Ecologically Sensitive Areas

But as our friend Linsford Hamilton says:  
"This is our Country, we're gonna defend it!"



## *Homerus & Friends:* An Epic of Landscape Proportions



### Priority Actions for 2016-17

(Please see full details in Appendix 5)

Action 3	Meet with Ministry of Mining and other GoJ Entities:
Action 4	Meet with Minister of Mining
Action 5	"Cockpit Communities For Conservation" group
Action 7	Prepare & install billboard "Cambridge Welcomes You to Cockpit Country"
Action 17	Prepare materials for media: press releases, drone videos,

# Homerus & Friends

THANK YOU!



Caspar Bijleveld

## « Save Homerus » Campaign

Institutions which, to this day, have pledged to help Save Homerus :

- [Papillorama Foundation](#) (Kerzers - Switzerland)
- [Edinburgh Butterfly Farm](#) (Scotland - UK)
- [Stratford Butterfly Farm](#) (England - UK)
- [Monteserra Butterfly House](#) (Sicily - Italy)
- [Bornholm Butterfly Park](#) (Denmark)
- [Montegrotto Butterfly House](#) (Italy)
- [Vlinders aan de Vliet](#) (Leidschendam - Netherlands)
- [Penang Butterfly Farm](#) (Malaysia)
- [The Butterfly Farm of St-Martin](#) (French West Indies)
- [The Butterfly Farm](#) (Aruba)
- [The Butterfly Farm of St-Thomas](#) (US Virgin Islands)
- [Butterfly Farm Bonaire](#) (Bonaire)
- [The Tropical Butterfly House](#) (Sheffield – England – UK)
- [El Mariposario](#)