12 Sci 21 Collection of Work
Part 3 Stradbroke Assignment

What do you have to do?
How do you find good info?
A plan of attack

See Shared Drive for this slideshow or get it from your Online Library in School Help>Assignment Help

T:\Common\Science\12 Science21\2015\Ecology\Straddie COW
APPROSSING PART 3 OF YOUR STRADBROKE ASSIGNMENT

FIELD TECHNIQUES

TASK
You will submit a collection of work from your North Stradbroke Island field study and class analysis.

1) Field study booklet
   - Data will be collected in groups but questions completed individually

2) Comparing ecosystems report
   - Compare and contrast TWO of your Nth Stradbroke Island study areas (swamp community, mangrove community or beach/dune succession)
   - Using the data you have collected, argue that one area demonstrates the relationship between biotic and abiotic factors more clearly than the other.
   - Your argument should discuss each area under the following headings, giving clear statements of comparison/contrast between the two:
     - Introduction
     - Abiotic factors
     - Key plant communities and their adaptations
     - Animal communities and their adaptations (where applicable)
     - Conclusions - relating biotic adaptations to the abiotic factors to select which area best displays this relationship.

3) Sand mining
   The Qld Government has recently announced a stop to all sand mining on Nth Stradbroke Island. Premier Anna Bligh has said "The truth is that sand mining should never have been allowed to begin on North Stradbroke Island. It was a mistake." Do you agree with this statement?

Part A
1. Research this issue and complete a list of 10 correctly referenced sources that present reliable information from the point of view of a range of stakeholders in this argument.
   a. Use a table similar to the one below.
   b. The Online Referencing Generator from the "Referencing" section of your Online Library is the best tool to use for creating accurate bibliographical entries. (The password: leave the username box empty)

<table>
<thead>
<tr>
<th>Bibliographic Information about Source</th>
<th>Point of view presented (tick one or more boxes)</th>
</tr>
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<tbody>
<tr>
<td>Mining Company</td>
<td>Environmentalists, Traditional Peoples, Government, Academic/Other</td>
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### PLAN WHAT YOU’RE GOING TO SEARCH FOR

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<th>Key Words</th>
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<td>sand-mining, sandmining</td>
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<td>argument</td>
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<td>for</td>
<td>pros, support, agree, positive, benefits</td>
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</tr>
<tr>
<td>against</td>
<td>Cons, opposed to, disagree</td>
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<tr>
<td>stakeholders</td>
<td>“people affected by”, indigenous, environmentalists etc</td>
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### PLAN WHERE YOU WILL LOOK FOR INFO

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<td>- Narrow to recent dates</td>
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<td>- Try related searches if I need to</td>
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<tr>
<td>Google News: just a simple search</td>
<td></td>
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<tr>
<td>Online Library&gt; Search Central&gt;Databases and Journals</td>
<td>Use username and password you have OR become a member</td>
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<td></td>
<td>- Try News and Multi-Subject</td>
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<td>State Library Databases</td>
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<tr>
<td>Other?</td>
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KEY WORD SEARCHING IN GOOGLE AND OTHER SEARCH ENGINES

**stradbrooke sustainable sand mining**

---

**Sustainable Stradbroke**


Since the 1950s, sand mining on NSI has underpinned the strong community and... Please take the time to see how our vision for a Sustainable Stradbroke...

**PDF** Unimin - Sustainable Stradbroke


File Format: PDF/Adobe Acrobat - Quick View

MEDIA STATEMENT: 650 jobs linked to Stradbrooke sand mining. Sand mining opponents are risking the loss of 650 jobs in south east Queensland with no...

**PDF** Sand miners contribute Fact Sheet - Sustainable Stradbroke


File Format: PDF/Adobe Acrobat - Quick View

MINING for mineral sands and silica has had a special relationship with the. North Stradbrooke Island community since operations started in the 1950s. Since its...

**PDF** Synergies Economic Consulting Impact On North Stradbroke

www.sustainablestradbroke.com.au/.../

File Format: PDF/Adobe Acrobat - Quick View


**North Stradbroke Island - Wikipedia, the free encyclopedia**

en.wikipedia.org/wiki/North_Stradbroke_Island

Jump to Sand mining: There are several accounts from sand mining employees of.... State Government's Stradbroke Island Sustainability and Protection...

**PDF** North Stradbroke Island Protection and Sustainability Bill 2011...


File Format: PDF/Adobe Acrobat

(including all heavy mineral sand mining) in the North Stradbroke Island... economical and environmentally sustainable use of the land through, for example...

**Sustainable Stradbroke | Stradde Sand Mining Community Fund**


On 22 March 2011, the Queensland Premier at the time, Anna Bligh, announced she would be shutting down mineral sand mining on North Stradbroke Island...
Stradbrooke Island's sand mine stoush - The 7.30 Report - ABC
www.abc.net.au/7.30/content/2010/s2313048.htm
Just two years ago, the Queensland government gave Stradbrooke Island sand mining company Unimin an environmental award, but now they're taking them to court. The...

Rebuilding Stradbrooke Island after sand mining - ABC News ...
www.abc.net.au/news/.../rebuilding-stradbrooke-island-after-sand-mining/2011970
Rebuilding Stradbrooke Island after sand mining. ... A line in the sand that's what the State Government's ... Karen Berkman reports. (FOOTAGE OF STRADROKE ISLAND SAND ...

Sand mining ban and national park status for North Stradbrooke Island
THE ancient dunes of North Stradbrooke Island will be saved under a bold new plan to phase out sand mining and convert the ... The QLD government has a vision of...

North Stradbrooke Island - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/North_Stradbrooke_Island
The Queensland Government ... A report released by Synergies Economic Consulting in 2010 predicts the early closure of sand mining on North Stradbrooke Island ...

Qld elders want Stradbrooke mining inquiry | The Australian
www.thaustralian.com.au/news/.../qld-elders-want-stradbrooke-mining...
INDIGENOUS elders are calling for an inquiry into illegal mining on the world's second largest sand island ... Qld elders want Stradbrooke mining ... government, Unimin can only ...

Wildlife Queensland: Potential blow to North Stradbrooke Island
Groups concerned about the future of Stradbrooke Island are alarmed that not only would an LNP government extend mining on North Stradbrooke Island but also it would...

Sandmining on Stradbrooke to stop in 2025 - Australian Geographic
www.australiangeographic.com.au/journal/sandmining-on-stradbrooke-to...
Sandmining on North Stradbrooke Island will finish two years earlier than planned, says the Queensland government. Home: ... Nikki Parker from anti-sand-mining group Save ...

Wildlife Queensland - Halt Sand Mining on North Stradbrooke Island
It is now time to stop sand mining on Stradbrooke Island ... Wildlife Queensland urges the government to halt sand mining on Stradbrooke Island and protect the ...
BOOLEAN SEARCHING IN GOOGLE USING KEY WORDS

stradbroke "sand mining" (argument OR case OR views OR positions)

Save Straddie | Case against sand mining
savestraddie.com/stop-sand-mining now/
About us - Contact You are here: Home » Case against sand mining ... North Stradbroke Island is loved by many south east Queenslanders. It has beautiful ...

Save Straddie | End mining
savestraddie.com/
Case against sand mining - Sand mining locks ... Sand mining on Stradbroke Island destroys habitat of the vulnerable Wallum Sedge frog. Sand mining threatens ...

Sustainable Stradbroke
... Community Forum held by Sibelco Australia to hear residents' views on the ... Since the 1950s, sand mining on NSI has underpinned the strong community and ... Please take the time to see how our vision for a Sustainable Stradbroke ...

North Stradbroke Island - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/North_Stradbroke_Island
In 1949, Australian Consolidated Industries (ACI) commenced sand mining operations on North Stradbroke Island. Consolidated Rutilo Limited (CRL) overtook ...

2012 survey showcases community views for Stradbroke Island ...
Straddie Sand Mining Community Fund. Home - About the Fund ... 2012 survey showcases community views for Stradbroke Island. sibelco stradbroke survey ...

Unimin Australia Siams North Stradbroke Island National Park Plan
www.brisbanetimes.com.au » Environment
Aug 17, 2010 – One of North Stradbroke Island's sand mining operators puts its case for a different national park plan, arguing locals doubt there will be an ...

Anna Bligh Says North Stradbroke Island Sand Mining Not On
www.brisbanetimes.com.au » Environment
Aug 17, 2010 – Sand mining should never have been allowed on North Stradbroke ... of North Stradbroke Island's sand mining operators puts its case for a ...
North Stradbroke Island - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/North_Stradbroke_Island
North Stradbroke Island is an Australian island in the state of Queensland, 30 km ... 1 Geography; 2 Beaches; 3 History; 4 Indigenous inhabitants; 5 Sand mining ...

Stradbroke Island History
Stradbroke - Stradbroke Island History is a comprehensive look at the history of ... Indigenous culture that spans more than 25000 years - Stradbroke history. ... Sand mining was first established on the Island in 1949 when Zinc Corp set up ...

Native Title win for North Stradbroke Island - Australian Geographic
www.australiangeographic.com.au/.../aboriginal-people-win-native-tit...
Jul 5, 2011 – ... Aboriginal people have been given Native Title for North Stradbroke ... receiving revenue from the island's lucrative sand mining industry.

Elders want Inquiry into Stradbroke 'illegal mining' | Eco News
econews.com.au/.../elders-want-inquiry-into-stradbroke-illegal-minin...
2 days ago – Tweet. Stradbroke-Island-sand-mining. Indigenous elders in the northern state of Queensland have called for an inquiry into illegal mining on ...

Protest demands end to mining on Stradbroke Island | Green Left ...
www.greenleft.org.au/node/45345
Sep 11, 2010 – ... issue is deeper than sand-mining on Stradbroke Island", Aboriginal ... Indigenous groups to support a court case in which mining company ...

Rebuilding Stradbroke Island after sand mining - ABC News ...
Rebuilding Stradbroke Island after sand mining. Updated April 15, 2011 21:54:00. The dilemmas of a sustainable environment and a sustainable economy.
USING “SEARCH TOOLS” TO NARROW

stradbrooke "sand mining" (argument OR case OR views OR controversy OR con ...

Web Images News Videos Shopping More ▼ Search tools

Any country ▼ 1 Jan 2012 – 31 Dec 2015 ▼ Sorted by relevance ▼ All results ▼ Clear

Newman vows to push ahead with sand mining on North ...
www.abc.net.au/news/2013-08...sand-mining...stradbroke.../4899368 ▼
Aug 19, 2013 - Queensland Premier Campbell Newman says the State Government will press ahead with plans to extend sand mining on North Stradbroke Island to 2035.

Fresh allegations of unlawful Stradbroke Island sand sales ...
www.abc.net.au/news/2014-08-21/fresh...of...stradbroke.../5687616 ▼
Aug 21, 2014 - Mining company accused of illegal sand mining on Stradbroke Island ... spent hundreds of thousands of dollars attempting to have the case thrown out of court.

Stradbroke Island sand mining – economic tricks and a ...
www.ecolarge.com/.../stradbroke-island-sand-mining-economic-tricks-an... ▼
Nov 13, 2013 - The former government’s policy was to end sand mining on North Stradbroke ... of sand mining, Synergies’ results overstate the economic case for the project.

Campbell Newman backs Stradbroke Island sand mining
www.brisbanetimes.com.au/.../stradbroke-island-mining-the-peoples-will... ▼
Aug 21, 2013 - Sand mining on North Stradbroke Island Photo: Robert Rough ...
‘The reality is that their extreme green views have very little support at the grass roots level in ...

Stradbroke Island sand mining - The Courier-Mail
www.couriermail.com.au/.../stradbroke...sand-mining.../story-fnihsr2-12 ... ▼
Oct 17, 2013 - Stradbroke Island sand mining has been given an extension until 2035. ... The case against Sibelco’s alleged illegal mining is now scheduled to return to trial on ...
‘NEWS’ SEARCHING IN GOOGLE USING LIMITED KEY WORDS + RESTRICTING DATES

Qld MPs trade blows in Parliament over extending Stradbroke mining.

ABC Online - 20 Nov 2013
A bill passed overnight paves the way for the company Sibelco to extend sand mining on the island from 2019 until 2035. Opposition environment spokeswoman...

North Stradbroke Island sand mining set to be allowed until 2035.

Courier Mail - 17 Oct 2013
“The reality is that the economy of North Stradbroke Island was and still is largely ... reckless by announcing the extension of sand mining when current mining ...

Newman vows to push ahead with sand mining on North Stradbroke Island.

ABC Local - 19 Aug 2013
Queensland Premier Campbell Newman says the State Government will press ahead with plans to extend sand mining on North Stradbroke Island to 2035.

Sand mining hits Stradbroke water report.

The Australian - 20 Aug 2013
Explore in depth (5 more articles)

Qld Government accused of ‘filthy, rotten deal’ over North Stradbroke mining.

ABC Local - 18 Jul 2013
“There is nothing untoward about the Government’s intentions in relation to its plans for the continuation of sand mining activities on North Stradbroke Island, ...

Stradbroke Island’s indigenous say mine lease extension breaches...

Brisbane Times - 19 Jul 2013
Explore in depth (7 more articles)
North Stradbroke Island

From Wikipedia, the free encyclopedia

North Stradbroke Island is an Australian island in the southern Great Barrier Reef Marine Park. A storm separated it from South Stradbroke Island, formerly part of North Stradbroke Island, forming the Seal Rocks Passage in between the two islands.

It is the second largest sand island in the world.[1] On the northern end of the island is Point Lookout. An Aboriginal presence on the island has been identified.[2] The island has been the site for sand mining for more than a century.

Contents [hide]

1 Geography and ecology
   1.1 Beaches
   1.2 Lakes, springs and wetlands
      1.2.1 Blue Lake
      1.2.2 Brown Lake
      1.2.3 Eighteen Mile Swamp
      1.2.4 Myora Springs and Myora Creek Swamp
      1.2.5 Lake Kounpee
      1.2.6 Other lakes and wetlands
   2 Fauna
   3 Flora
   4 History
   5 Indigenous inhabitants
   6 Sand mining
   7 Community fund
   8 See also
   9 References
   10 External links

References [edit]

42. "Naree Budging Oja National Park". Topica-Find a park or forest. The State of Queensland (Department of Natural Resources and Mines). Retrieved 16 August 2013.
44. "Naree Budging Oja National Park". Topica-Find a park or forest. The State of Queensland (Department of Natural Resources and Mines). Retrieved 16 August 2013.
TRY THE “AUSTRALIAN AND NEW ZEALAND REFERENCE CENTRE” VIA STATE LIBRARY DATABASES
NOTE:
LOGGING INTO THESE DATABASES HAS CHANGED SINCE LAST YEAR SO SEE ME IF YOU HAVE TROUBLE
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<th>Description</th>
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<tr>
<td>Health</td>
<td>Both general and specialised medical information. Includes Health Collection and the Health and Wellness Resource Centre.</td>
<td>All health and medicine eresources</td>
</tr>
<tr>
<td>History, geography and biography</td>
<td>Eresources include 19th century British Library newspapers, JSTOR, Oxford Dictionary of National Biography and Humanities International.</td>
<td>All history, geography &amp; biography eresources History &amp; geography Biography</td>
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<tr>
<td>Indigenous Australians</td>
<td>Resources of interest to Aboriginal and Torres Strait Islander peoples or to researchers in this area.</td>
<td>All Indigenous Australians eresources</td>
</tr>
<tr>
<td>Language and literature</td>
<td>Dictionaries, poetry, and major Australian literature resources.</td>
<td>All language &amp; literature eresources</td>
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<td></td>
<td></td>
<td>Australian Dictionaries Digital libraries International Poetry &amp; quotations</td>
</tr>
<tr>
<td>Law</td>
<td>General and specialised law information including legal encyclopaedias, case law, law reports, family and environmental law.</td>
<td>All law eresources Case law Journal articles Legislation reference</td>
</tr>
<tr>
<td>Multi-subject</td>
<td>Use these resources to search across different subjects. A great place to start for school assignments. Included are Encyclopedia Britannica, Gale Virtual Reference Library, JSTOR and Oxford Reference Online.</td>
<td>All multi-subject eresources</td>
</tr>
<tr>
<td>Music</td>
<td>General and specialist encyclopedias, sound recordings and music scores including Oxford Music Online, Classical Scores Library, Opera in Video and the New Grove Dictionary of Music and Musicians.</td>
<td>All music eresources General Sound</td>
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<tr>
<td>News</td>
<td>News from Queensland and around the world both current and historical. Includes Trove digitised Australian newspapers, and the UK Times Digital archive.</td>
<td>All news eresources Australia &amp; New Zealand International Finding information in newspapers</td>
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### Search for "Subject=News, Sub-Category=ALL" found 15 Databases

Table View  **Brief View**

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<tr>
<td>Australia/New Zealand Reference Centre</td>
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<td>JTA Jewish News Archive</td>
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<td>Library PressDisplay</td>
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<td>Margaret Gee's Australian Media Guide</td>
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<tr>
<td>Trove digitised newspapers</td>
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<td>Database</td>
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</table>
1. Stopping sand mining could change votes
   *AM (ABC)*. 05/08/2010.
   Database: Australia/New Zealand Reference Centre
   - Add to folder
   - HTML Full Text

2. SIBELCO Australia is seeking the community's views
   Database: Australia/New Zealand Reference Centre
   - Add to folder
   - HTML Full Text

3. QLD: An end to sand mining on Stradbroke
   Database: Australia/New Zealand Reference Centre
   - Add to folder
   - HTML Full Text

4. Hundreds join mine closure protest
   Database: Australia/New Zealand Reference Centre
   - Add to folder
   - HTML Full Text
1. QLD: An end to sand mining on Stradbroke
   Database: Australia/New Zealand Reference Centre
   Add to folder
   HTML Full Text

2. Concerns over sand sell-off - Quarry controversy on island minefield
   Database: Australia/New Zealand Reference Centre
   Add to folder
   HTML Full Text

3. QLD: Sand mining to end on North Stradbroke
   Database: Australia/New Zealand Reference Centre
   Add to folder
   HTML Full Text

4. Sand mining company proposes expanding Stradbroke national parks
   ABC Premium News. 21/05/2010.
   Database: Australia/New Zealand Reference Centre
   Add to folder
   HTML Full Text

5. Hearing adjourned for Stradbroke sand mining company
   Database: Australia/New Zealand Reference Centre
i. 10 correctly referenced sources
ii. Point of view of a range of stakeholders in this argument.
iii. Reliable information about the topic
iv. Notes for sandmining and against sandmining: some articles might have both

### SOURCE 1

<table>
<thead>
<tr>
<th>i) Bibliographic Information about Source (See Online Referencing Generator)</th>
<th>ii) Point of view presented (tick one or more boxes)</th>
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### iii) Brief details about the reliability of Source 1

- 

### iv) Notes from this source (+ For Sandmining; - Against Sandmining)

+ 
- 

---
### Bibliographic Information about Source

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(See Online Referencing Generator) |

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<td>Environ.</td>
</tr>
<tr>
<td>Source 1</td>
<td></td>
<td></td>
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**Source 1**

**About us**

We are pleased to have the support and involvement of leading Queensland environmental groups in our campaign to bring an end to sand mining and for most of the Island to be declared National Park. Friends of Stradbroke Island (FOSI)

- Stradbroke Island Management Organisation (SIMO)
- Queensland Conservation Council (QCC)
- Wildlife Preservation Society of Queensland (WPSQ)
- Fraser Island Defenders Organisation (FIDO)
- Moreton Island Protection Committee (MIPC)
- Community Alliance for Responsible Planning (CARP) Redlands.

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**Just check out these details then create brief notes**
Case against sand mining

Anna Bligh must end the mining madness – stop mining on expired leases now!

2 ½ha of NSI’s ancient dunes and forests are destroyed every week the Bligh Government delays.

North Stradbroke Island is loved by many south east Queenslanders. It has beautiful beaches, forests, sand dunes, heathlands and wetlands. Sandmining on the island involves clearing vast areas of vegetation, destroying dune structures and the topsoils (which are integral to the important aquifer below), and threatens the island’s water bodies and animals such as the island’s koala.

- Sandmining is locking up more than half of North Stradbroke Island. See more.
- Stradbroke’s economy and future relies on tourism; this tourism is based on the island’s beaches, dunes, lakes, forest, heaths, and other natural areas.
- Mining requires the complete destruction of old growth forests, woodlands, creeks, animal habitat, sand dunes and the underground layers of ancient sands which hold the water as it percolates to the aquifer below. See more.
- ‘Rehabilitation’ by the mining company cannot replace the ancient dunes and complex ecosystems which they support. See more.
- The mining company, Sibelco, pays royalties of just 5% of the value of the mineral sands. See more.
- Just one quarter of 1% of Qld’s mining revenue comes from Stradbroke mining. See more.
- The government is allowing mining on mining leases which expired in October 2007, more than three years ago. Other mining leases are due to expire soon.
- The mineral sands mining (the most destructive type of the mining) can be stopped by 2013 without paying any compensation. The government should stop this mining by refusing to renew leases which have expired.
- Queensland’s Court of Appeal has found that the mining company was illegally taking sand off the island and selling it for construction purposes. The sand illegally taken has a retail value of about $80 million. See more.
- A huge body of water, an aquifer, is naturally stored within North Stradbroke Island. Sandmining dramatically alters the structure of the sand dunes, risking the fragile aquifer. Sandmining on Straddie has already caused damage to the island’s water bodies. The current extensive industrial mining operations place Straddie’s water bodies at risk. Mining’s effect on the hydrology of the Island is not properly understood by scientists. Pristine lakes on the island have been damaged by mining and other waterbodies are threatened.
- Rare and endangered plants and animals are threatened through the loss of their habitat. The Island’s koala is unique, being genetically distinct from other koalas.
- The mining company, Sibelco (formerly called Unimin Australia Limited), owns and controls all sand mining operations on the Island. The Sibelco group is a very large multinational company with a worldwide turnover of $2 billion. It is owned by a very wealthy Belgian family. See more.

See a detailed document as to why sandmining on Straddie must be stopped.

1. Select, paraphrase, “see more” and make your notes
2. Use + and – to identify arguments for and against (though all of these will be the latter!)
**NOTE**

I’d include the info from column 3 in column 2 and delete column 3 altogether!

---

**PART B**

i. From the **table above**, choose what you consider to be the **best source** of information that argues **against** sand mining AND the best source of information that argues **for** sand mining on Nth Stradbroke.
   - Alternatively, you may like to choose an information source that is simply the most useful for providing a **balanced** view on this topic.
   - Either way, you must have **two reliable sources** in total.

ii. Complete an annotated bibliography for **each source**.
   - The **table below models** what is expected of you though on a different issue: genetically engineered foods.

---

### ANNOTATED BIBLIOGRAPHY IN TABLE FORMAT

<table>
<thead>
<tr>
<th>Bibliographical information about source (copied from table above)</th>
<th>1. Explain what makes the source one of the two best. Things to think about include:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b. Is the source <strong>up-to-date</strong>?</td>
</tr>
<tr>
<td></td>
<td>c. Is the subject dealt with fully and accurately, or is it treated superficially? Has the author omitted to deal with certain aspects of the topic? In other words: is it <strong>comprehensive</strong> and <strong>unbiased</strong>?</td>
</tr>
<tr>
<td></td>
<td>d. <strong>How credible</strong> is this source? Is this article from a <strong>highly respected professional journal</strong> or is it posted on the web by a <strong>narrow interest group</strong>?</td>
</tr>
<tr>
<td>Whitman, D., 2000, ‘Genetically modified foods: harmful or helpful?’ (Online), <a href="http://www.csa.com/discovery">http://www.csa.com/discovery</a> guides/gmfood/overview.php, Accessed 22nd July, 2009</td>
<td></td>
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<tr>
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<td>Although Ben Harding is the producer and director of this DVD and he, himself is not an expert on the topic, the scientists he interviews are. For instance...</td>
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<tr>
<td></td>
<td>This author is a CSA senior editor and has a B.S. in Biology and a M.S. in biotechnology and terminology she uses suggests that she has alot of knowledge on this topic.</td>
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</tbody>
</table>
PART C

Use of in-text referencing will give power to your argument

a. The Save Straddy Organisation (2012) notes that the technique used in sand mining (dredge mining) is very destructive and that it destroys “the sand dunes and soil structure which have taken millions of years to naturally develop”.

b. Indeed it is reasonable to say that the successful rehabilitation of an area exposed to sand mining is next to impossible since it destroys “the sand dunes and soil structure which have taken millions of years to naturally develop” (Case Against Sand Mining; 2012)

c. For those against sand mining, the environmental repercussions far outweigh economic gain. The Save Straddy Organisation (2012) notes that

*Sandmining on Stradde for mineral sands uses a technique called dredge mining; this is very destructive and requires the removal of all vegetation and digging very large mining craters, destroying the sand dunes and soil structure which have taken millions of years to naturally develop.*

PART C

i. Based on your readings from all sources above, do you agree with Anna Bligh’s statement?
   a. Justify your position in about 400 words, making sure you consider issues on both sides of the argument and the scientific impacts of sand mining.
   b. Use of in-text referencing will give power to your argument.
PART C

Use of in-text referencing will give power to your argument.

a. The Save Straddie Organisation (2012) notes that the technique used in sand mining (dredge mining) is very destructive and that it destroys "the sand dunes and soil structure which have taken millions of years to naturally develop".

b. Indeed it is reasonable to say that the successful rehabilitation of an area exposed to sand mining is next to impossible since it destroys "the sand dunes and soil structure which have taken millions of years to naturally develop" (Case Against Sand Mining; 2012).

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12 Sci 21 Collection of Work
Part 3 Stradbroke Assignment

What do you have to do?
How do you find good info?
A plan of attack

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