Fig. 1. Compendex Quick Search set 1 – mineral extraction OR mining methods OR mineral processing. Date range restricted to 1990 – 2014.

Step 1. Type the search strategy as shown in Fig.1 above. Click Search.

Step 2. Click Edit as shown above.

Step 3. Type over the text in the search boxes: [gold] in [All fields] and click Search. See below:

Fig. 3. Compendex Search set 2 Gold

Step 4. Select Edit (Note: Selecting Edit avoids the current “EI gremlin” which turns on the all the databases which is not recommended for our purposes)

Step 5. Type over the text in the search boxes: [remediation] in [All fields]
[rehabilitation] in [All fields]
[bioremediation] in [All fields]
Combine with OR
and click Search as shown on the following diagram:
**Step 6.** Now at the 3rd search set, select **Edit**.

![Image of Compendex “Quick Search” set 3](#)

Finally, we have searched each concept and the accompanying synonyms. Each search set must be combined.

**Step 7.** Scroll down to the **Search History**.

![Image of Compendex Search history](#)

**Step 8.** Click on the boxes to combine with **AND**, then click on **Search**. **Note:** The default Boolean operator is “AND.” To change to another Boolean operator you will need to select the green arrow to reveal the Boolean drop down menu.

![Image of Compendex Search history](#)

**Fig. 5. Compendex “Quick Search” set 3**

Concept remediation or rehabilitation or bioremediation

**Fig. 6. Compendex Search history** – Showing three search sets **uncombined**

**Fig. 7. Compendex Search history** – Showing three search sets **combined**
Step 9. In the refine results pane, left hand side: find journal article under Document type and tick Journal article. Choose Limit to at the top of the results facets.
Fig 9. Compendex Refine results facets—showing 35 articles to limit by journal articles.

Step 10. Choose the second article—“The future of biotechnology for gold exploration and processing” by clicking on the title.

Fig 10. Compendex detailed record—showing where the keywords match.
**Step 11.** Click on the box next to item number 2. To mark the record as shown below:

![Fig 11. Compendex – Marking results in order email the bibliographic details for citing and referencing.](image)

**Step 12.** Email the record to your email account to make it easy to reference later on.

![Fig 12. Compendex – Accessing the full-text – select the full text link](image)

**Step 13.** Click on the Full text grey button to connect to the article, and then click on the PDF icon.
Step 13. Scan the article sections.

Step 14. Find the section ‘2. Bioindicators for gold exploration’

Supposing you wanted to follow up the research to find out more about how the ‘Eucalyptus brevifolia’ is useful in identifying gold mineral deposits – you need to match up the citations in the body of the article with the references at the end of the article.

Fig 13. Compendex – Accessing the full-text – Looking at the full-text

Fig 14. Compendex – Examining the in-text references for the article by Dunn. Reid and Hill from the article by Zammit, Cook, Brugger, Ciobanu and Reid called: The future of biotechnology for gold exploration and processing” –

Step 14. Find in the reference list the cited article by Dunn, 2007- scroll down to the Reference list.

Step 15. Use this technique to scan the references to find relevant cited references that relate to your topic.

See the guides about how to find journal articles in our library.