MinE 306 - Oral Presentation Check List

MinE 306 Mining Exploration and Evaluation

Assignment: Mineral Profile
Prepare a short report on a mineral consisting of two typed pages plus any tables and figures. You have read about coal in the text and talked to the public about ten minerals in the SME mineral kits donated to children.

Topics you may want to include in your assignment are where in the US and/or the world the mineral is found, what geologic environment is needed to have deposits, what exploration methods are used to find it, how is it mined and processed, what is the production capacity of the industry segment, how many resources or reserves are there identified today, what organizations promote, report information about or manage data on the mineral, how is it measured, what forms is it sold, how and by whom is it used, how has the industry changed over time and what is expected in the future, etc.

Reference at least three sources of information you used for the mineral profile. Follow the report guide included in the syllabus.

Plan on orally presenting your findings to the class on the due date. Presentations will be about 5 minutes long. Students may ask questions.

<table>
<thead>
<tr>
<th>Mineral</th>
<th>Student</th>
<th>Mineral</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead/zinc</td>
<td>Matt V.</td>
<td>Aggregate</td>
<td></td>
</tr>
<tr>
<td>Gold/Silver</td>
<td>Robin</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Gypsum</td>
<td>Tom</td>
<td>Phosphate</td>
<td>Ryan</td>
</tr>
<tr>
<td>Limestone</td>
<td>Patrick</td>
<td>Mineral Sands</td>
<td>Gaeton</td>
</tr>
<tr>
<td>Salt</td>
<td>Jeremy</td>
<td>Copper</td>
<td>Charlie</td>
</tr>
<tr>
<td>Zeolite</td>
<td>Derick</td>
<td>Platinum Group</td>
<td></td>
</tr>
<tr>
<td>Iron</td>
<td></td>
<td>Oil Sands</td>
<td>Matt B.</td>
</tr>
<tr>
<td>Nickel</td>
<td>Dale</td>
<td>Pick a mineral</td>
<td></td>
</tr>
</tbody>
</table>

Mineral Profile is due on Wednesday, October _18_, 2006

Request an Annual Report and 10K from a mining company that produces your mineral. Annual reports will be the class topic November 1st and you will need this for your homework.
MinE 306 - Oral Presentation Check List

Name______________ Mineral_____________ Time_________

1. Method of presentation
2. use of visual aids
3. Poise and mannerisms
4. Coverage of material
5. response to questions

Presentation Slides: Mineral Profile Check List
1. Where is mineral found?
2. Geologic environment of deposits
3. exploration methods
4. how is mineral mined and processed?
5. production capacity of the industry
6. reserves identified
7. organizations supporting or promoting mineral
8. how is it measured?
9. what forms are sold?
10. how and by whom is it used?
11. history of mineral
12. future expectations?
13. THREE sources of information? Other