# Asbestos Minerals Sites – Initial Screening

Conducted by North Carolina Division of Waste Management, in cooperation with US EPA Region IV and North Carolina Division of Public Health, Health Hazards Control Unit

## A. SITE INFORMATION

<table>
<thead>
<tr>
<th>Site Number: NC-40</th>
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</thead>
<tbody>
<tr>
<td><strong>Historical Name</strong></td>
</tr>
<tr>
<td><strong>Latitude / Longitude</strong></td>
</tr>
<tr>
<td><strong>State, County, nearest City/Town</strong></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Site Type</th>
<th>Mine</th>
<th>Prospect</th>
<th>Occurrence</th>
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</thead>
<tbody>
<tr>
<td>Mineral reported:</td>
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<td></td>
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</tr>
<tr>
<td>chrysotile</td>
<td>x</td>
<td>crocidolite</td>
<td>tremolite</td>
</tr>
<tr>
<td>amosite</td>
<td>x</td>
<td>anthophyllite</td>
<td>actinolite</td>
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</tbody>
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## B. INFORMATION SOURCES


## C. SITE AND AREA RECONNAISSANCE

<table>
<thead>
<tr>
<th>Date of Site Reconnaissance</th>
<th>11/9/05</th>
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</table>

1. Was the site located and a site visit completed?  
   - x Yes  
   - No, site could not be located  
   (Please attach a topographic map print showing the site)

2. Is the site property developed and in use of any kind?  
   - Yes  
   - No, site is wooded / undeveloped

3. Land use on site (check all that apply)  
   - Residential  
   - Commercial  
   - Industrial  
   - Recreational (golf course, park, etc.)  
   - Construction or clearing in progress  
   - Other (please describe below)

4. Are there large areas of bare soil visible on the property?  
   - x Yes  
   - No  
   (Please describe below)

5. Are there residences, apartments, stores or businesses, or day care facilities on the site, or within 200 feet of it?  
   - Yes  
   - No  
   Please note which, and describe the item and its location (relative to the site) below.

6. Where is the nearest residence, place of business, or place frequented by local residents located, in relation to the site?  
   - x N/A (addressed at 5 above)  
   (Place and distance/direction to site)
7. Are any physical barriers present (fences, gates) that prevent access?  

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<thead>
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<tbody>
<tr>
<td>Yes</td>
<td>x</td>
<td>No</td>
</tr>
</tbody>
</table>

Description:

D. ADDITIONAL INFORMATION
(Indicate by letter and number which topic the information supports)

C1. Reconnaissance was conducted on the public road (SR 1152) in the vicinity of the Socrates mine. The actual active mine was not visited.

C3. Aerial photos indicate that the mine is in a wooded area with no houses nearby. Real estate signs along the road indicate lots are being sold in the general vicinity of the mine. An established development lies about 1500 feet east of the mine.

Directions to Prospect:

(From Conrad, 1963, p. 32)

This deposit is located 0.75 mile southwest of Sapphire and about 1000 feet west of SR 1152. It can be reached by traveling on SR 1152 for 0.7 mile southwest of Sapphire and the intersection with SR 1153. At this point an abandoned logging road turns west off SR 1152. The deposit can be reached by following the logging road 1000 feet.
Color IR orthophoto (1998) of the Socrates corundum mine area.