

## 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

|                                  |  |   |  |
|----------------------------------|--|---|--|
| <b>A. SITE INFORMATION NC-24</b> |  |   |  |
| Historical Name                  | <b>J. H. Pannell Prospect</b>                  |   |  |
| Latitude / Longitude             | <b>36.0025N -82.1467W</b>                      |   |  |
| State, County, nearest City/Town | <b>North Carolina, Mitchell, Bakersville</b>   |   |  |
| Site Type                        | <input type="checkbox"/> Mine                  | <input type="checkbox"/> Prospect                 | <input checked="" type="checkbox"/> Occurrence |
| Mineral reported                 | <input checked="" type="checkbox"/> chrysotile | <input type="checkbox"/> crocidolite              | <input type="checkbox"/> tremolite             |
|                                  | <input type="checkbox"/> amosite               | <input checked="" type="checkbox"/> anthophyllite | <input type="checkbox"/> actinolite            |

|   |  |
|---|--|
| <b>B. INFORMATION SOURCES</b><br>(include publication date) | Hunter (1941, p.57). Brobst (1962, p. A22). Conrad and others (1963, p.22). USGS Topo: Bakersville 7.5' Quadrangle (7-1-78). USGS Orthophoto for Bakersville Quad (4-5-99). USGS color IR photo (1998). Mitchell Co. NCDOT road map (2005):<br><a href="http://www.ncdot.org/it/gis/DataDist/GISCountyMap_TIFs.html">http://www.ncdot.org/it/gis/DataDist/GISCountyMap_TIFs.html</a> . |
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|--|---|-----------------------------|----------------|
| <b>C. SITE AND AREA RECONNAISSANCE</b>   |   | Date of Site Reconnaissance | <b>11-1-05</b> |
| 1. Was the site located and a site visit completed?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>(Please attach a topographic map print showing the site)   |                             |                |
| 2. Is the site property developed and in use of any kind?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, site is wooded / undeveloped   |                             |                |
| 3. Land use on site (check all that apply)   | <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial<br><input type="checkbox"/> Recreational (golf course, park, etc.)<br><input type="checkbox"/> Construction or clearing in progress<br><input type="checkbox"/> Other (please describe below) |                             |                |
| 4. Are there large areas of bare soil visible on the property?   | <input type="checkbox"/> Yes    (Please describe below)<br><input checked="" type="checkbox"/> No   |                             |                |
| 5. Are there residences, apartments, stores or businesses, or day care facilities on the site, or within 200 feet of it?       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>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? | <input checked="" type="checkbox"/> N/A (addressed at 5 above)<br><br>(Place and distance/direction to site)  |                             |                |

|   |  |
|---|--|
| 7. Are any physical barriers present (fences, gates) that prevent access?   | <p>_____ Yes    <u>  x  </u> No</p> <p>Description</p> |
| <p><b>D. ADDITIONAL INFORMATION</b><br/>         (Indicate by letter and number which topic the information supports)</p>   |  |
| <p><b>A.</b> The site is about 1 mile southeast of Bakersville, NC. Hunter (1941) reported chrysotile in veins up to 6 inches thick at this site. Conrad and others (1963) saw anthophyllite here but could not confirm the chrysotile.</p> <p><b>C1- C6.</b> This was a drive-by reconnaissance. The deposit outcrops about 50 feet south of the road (SR 1199), apparently within the yard of a residence and near a utility building. The residence is within 200 feet of the prospect. Several trailer residences are present on the north side of the road a few hundred feet north of the prospect. Several fields are nearby but they are grassy with no visible soil.</p> |  |

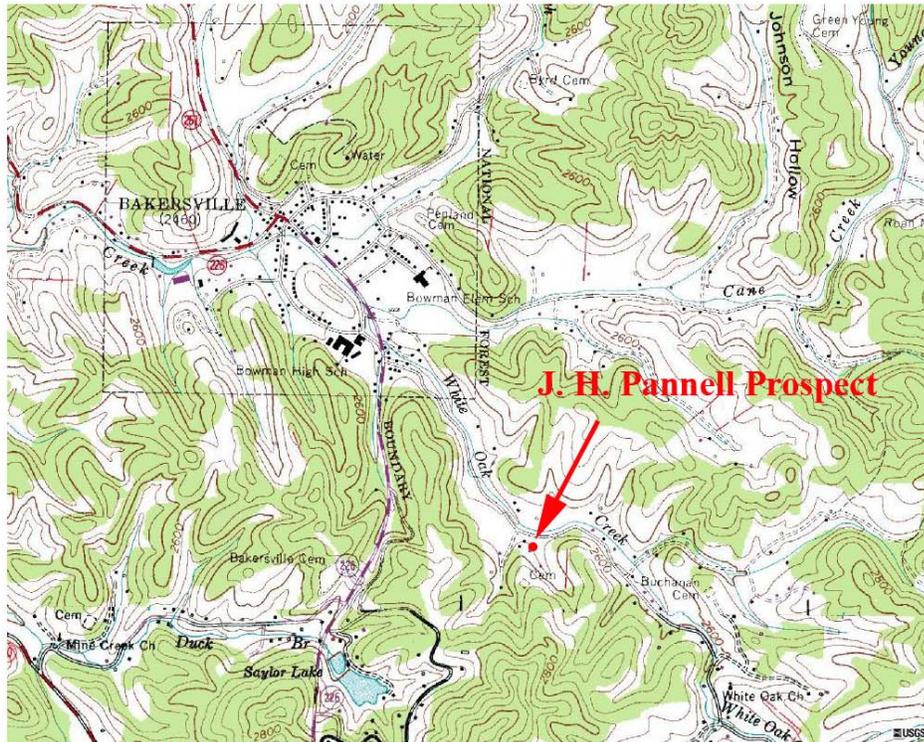
**Directions to Prospect:**

(From Conrad, 1963, p. 22)

The prospect is on the south side of SR 1199, about 1 mile southeast of Bakersville. The deposit crops out on the nose of a low hill south of White Oak Creek and within 50 feet of the road.

# J. H. Pannell Prospect

Mitchell County



USGS Topographic Map: Bakersville 7.5' Quadrangle 7-1-78

2000 FEET  
Scale



USGS Orthophotoquad: Bakersville 7.5' Quadrangle 4-5-99



Color IR orthophoto of the J. H. Pannell prospect area.



The J. H. Pannell deposit outcrops in a yard on the south side of State Road 1199.