

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 Site Number: NC-33			
Historical Name	Oakland Mine		
Latitude / Longitude	35.11419N -82.98049W		
State, County, nearest City/Town	North Carolina, Transylvania, Cashiers		
Site Type	<input checked="" type="checkbox"/> Mine	<input type="checkbox"/> Prospect	<input type="checkbox"/> Occurrence
Mineral reported	<input type="checkbox"/> chrysotile	<input type="checkbox"/> crocidolite	<input type="checkbox"/> tremolite
	<input type="checkbox"/> amosite	<input checked="" type="checkbox"/> anthophyllite	<input checked="" type="checkbox"/> actinolite
	<input type="checkbox"/> Other (name) _____		

B. INFORMATION SOURCES (include publication date)	Conrad and others (1963, p. 29-30) USGS 7.5' Topo Map: Reid 7.5' Quad (7-1-90). USGS Orthophotoquad for Reid Quad (3/25/95). USGS color IR photo (1998). Transylvania Co. NCDOT road map (2005). http://www.ncdot.org/it/gis/DataDist/GISCountyMap_TIFs.html .
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C. SITE AND AREA RECONNAISSANCE	Date of Site Reconnaissance 11/9/05
1. Was the site located and a site visit completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<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 <input checked="" type="checkbox"/> Recreational (golf course, park, etc.) <input type="checkbox"/> Construction or clearing in progress <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) <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 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) (Place and distance/direction to site)
7. Are any physical barriers present (fences, gates) that prevent access?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Description Some areas are gated.

D. ADDITIONAL INFORMATION

(Indicate by letter and number which topic the information supports)

A. The ultramafic body containing the Oakland mine as presented by Conrad and others (1963, p. 33) is about 600 feet east of the position given in Van Gosen (2005). The coordinates given here are for the Conrad location. Conrad and others (1963) reports both fibrous anthophyllite and actinolite.

C1. Reconnaissance was conducted on public roads in the vicinity of the Oakdale mine. The actual active mine was not visited. The area is visible from Highway 64.

C3. Aerial photos indicate as many as three or four residences may be on or within 200 feet of the ultramafic body containing the Oakland mine. The area lies within the Sapphire Lakes Golf Club.

C5. See Item C3 above and the attached annotated infrared orthophoto below for details.

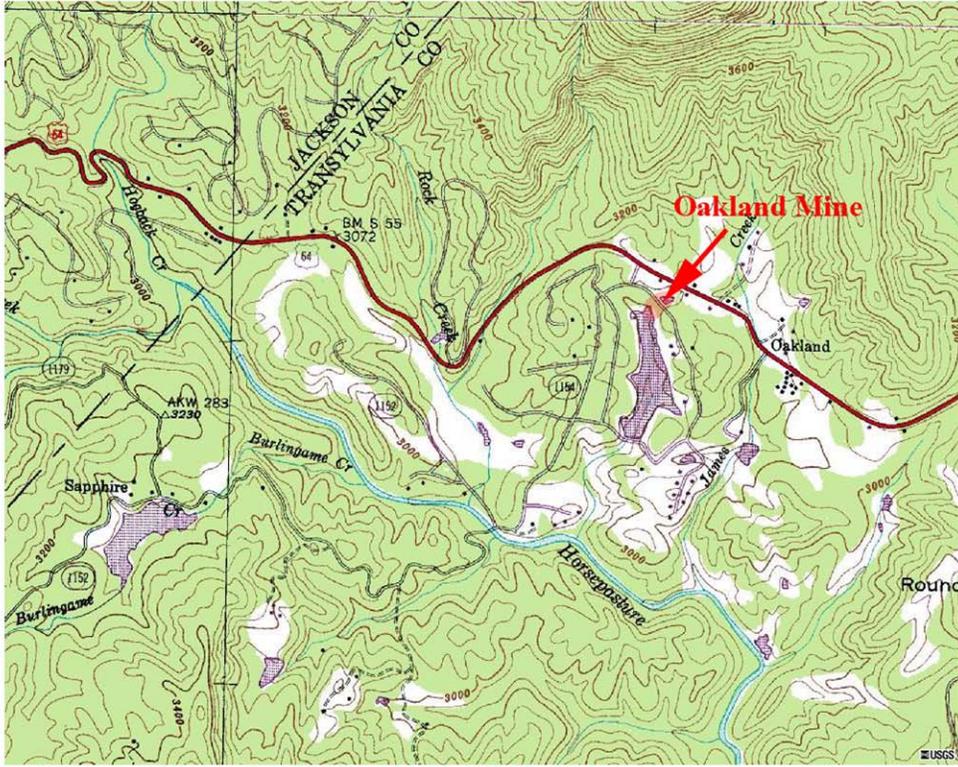
C7. The golf club is a gated community but no fences prevent access to the mine area.

Directions to Prospect:

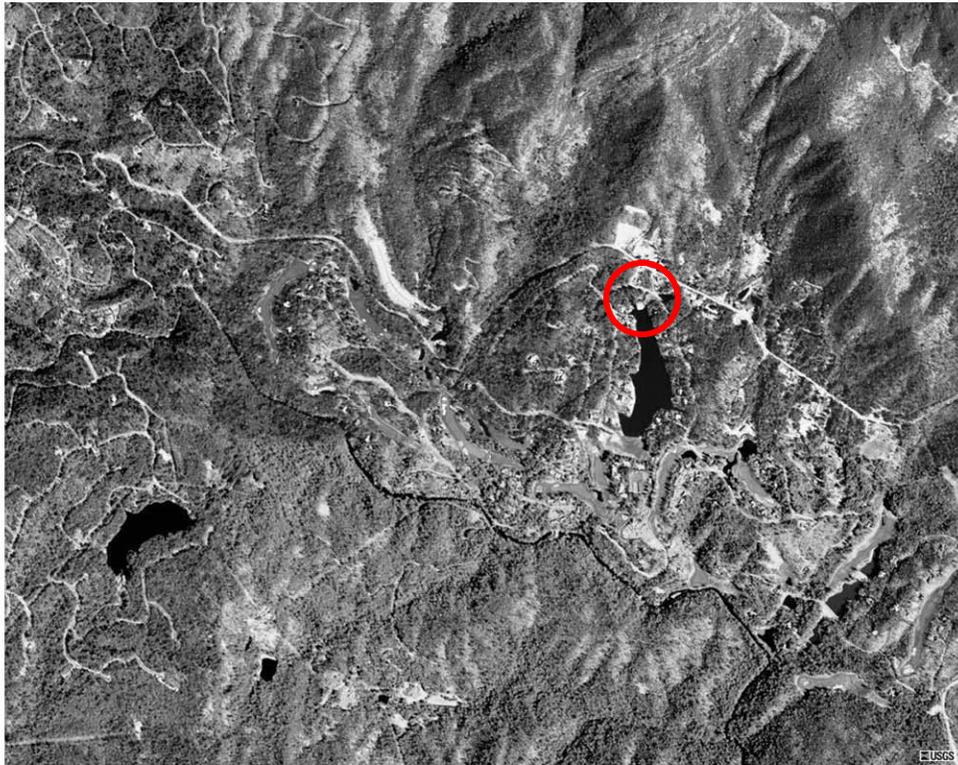
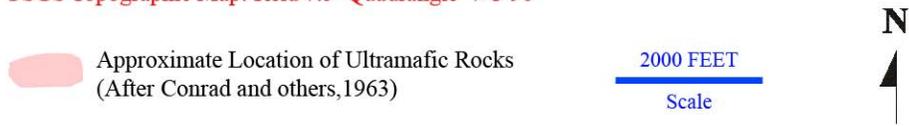
The mine is located in the community of Oakland about 1.5 miles east of the Jackson-Transylvania County line. It is about 400 feet south of U.S. 64 within the Sapphire Lakes Golf Resort. The deposit may be partially covered by a small lake.

Oakland Mine

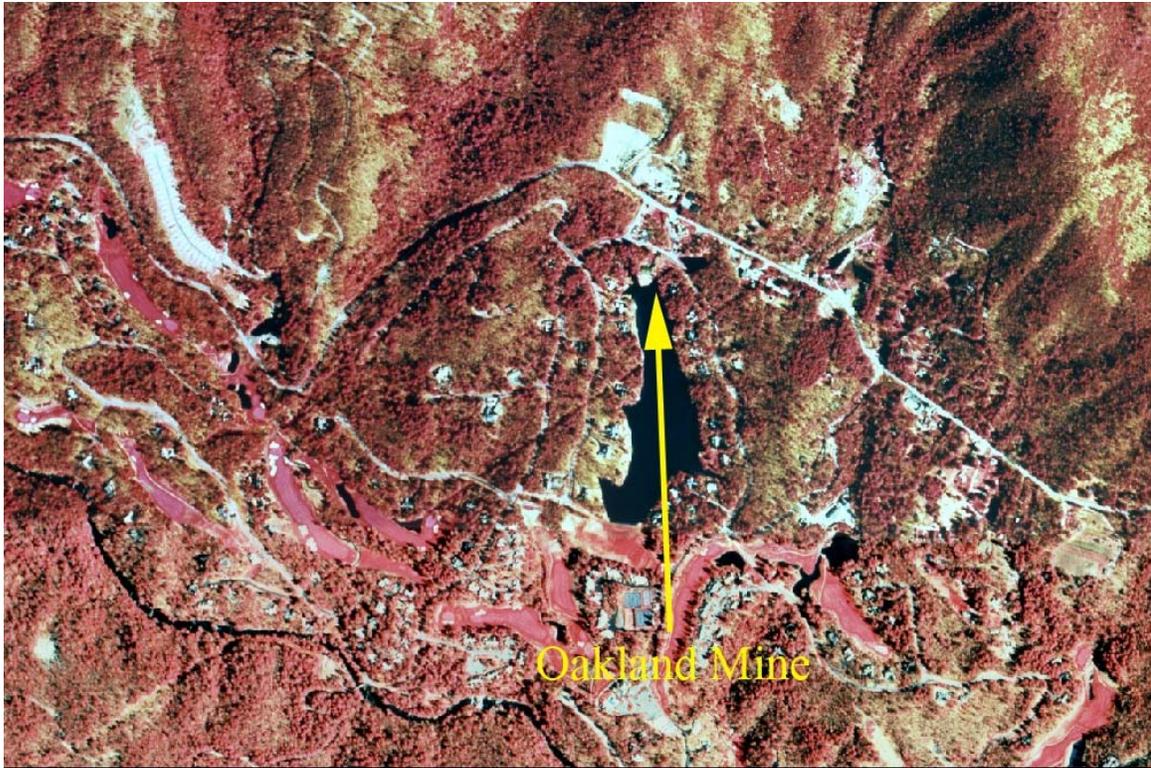
Transylvania County



USGS Topographic Map: Reid 7.5' Quadrangle 7-1-90



USGS Orthophotoquad: Reid 7.5' Quadrangle 3-25-95



Color IR orthophoto of the Oakland mine area.



The mine area is now part of a gated golf community, Sapphire Lakes, and has partially been covered by a lake.



The mine site is about 600 feet south of the entrance to Sapphire Lakes.