

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-2				
Historical Name	Alders Mine			
Latitude / Longitude	35.185N -83.113W			
State, County, nearest City/Town	North Carolina, Jackson, Glenville			
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"/> Other (name)
	<input type="checkbox"/> amosite	<input checked="" type="checkbox"/> anthophyllite	<input type="checkbox"/> actinolite	_____

B. INFORMATION SOURCES (include publication date)	Conrad and Others (1963). USGS 7.5' Topo Map: Big Ridge Quad (7-1-91). USGS Orthophotoquad for Big Ridge Quad (4/12/93). USGS color IR photo (1998). Jackson 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 Aerial Photo Inspection
1. Was the site located and a site visit completed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Please attach a topographic map print showing the site)
2. Is the site property developed and in use of any kind?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, site is wooded / undeveloped
3. Land use on site (check all that apply)	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input 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 type="checkbox"/> Yes <input checked="" 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?	_____ Yes <input checked="" type="checkbox"/> No Description:
D. ADDITIONAL INFORMATION (Indicate by letter and number which topic the information supports)	
<p>C1. Site was not visited but was located on aerial photos.</p> <p>C3-C5. Aerial photos indicate that the mine is in a wooded area about 800 feet west of the nearest residence. The latest photography viewed was taken in 1998.</p>	

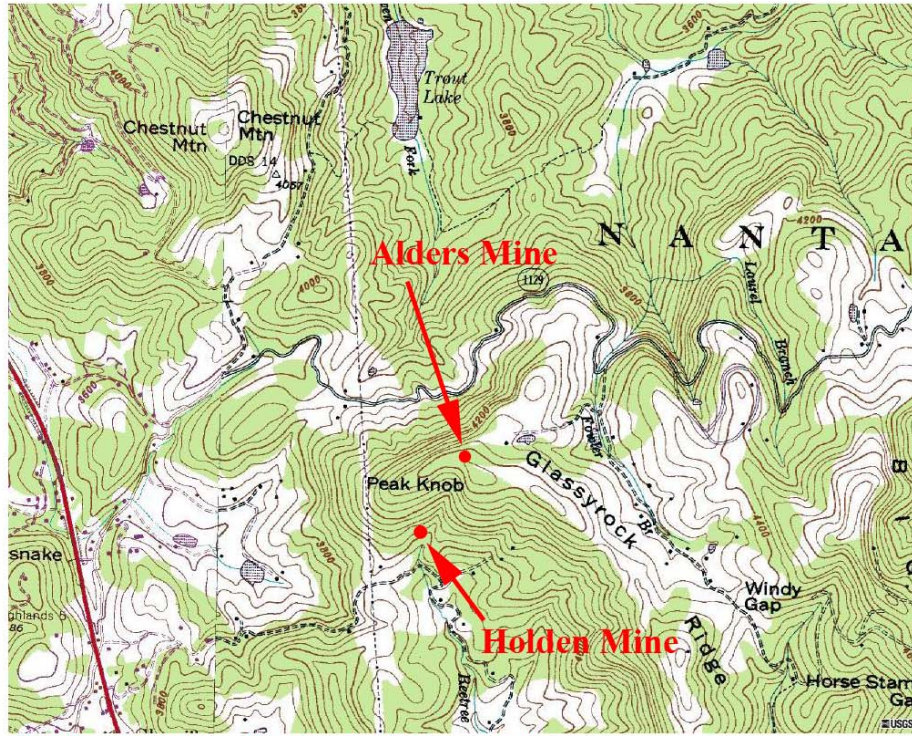
Directions to Mine:

(From Conrad, 1963, p. 40)

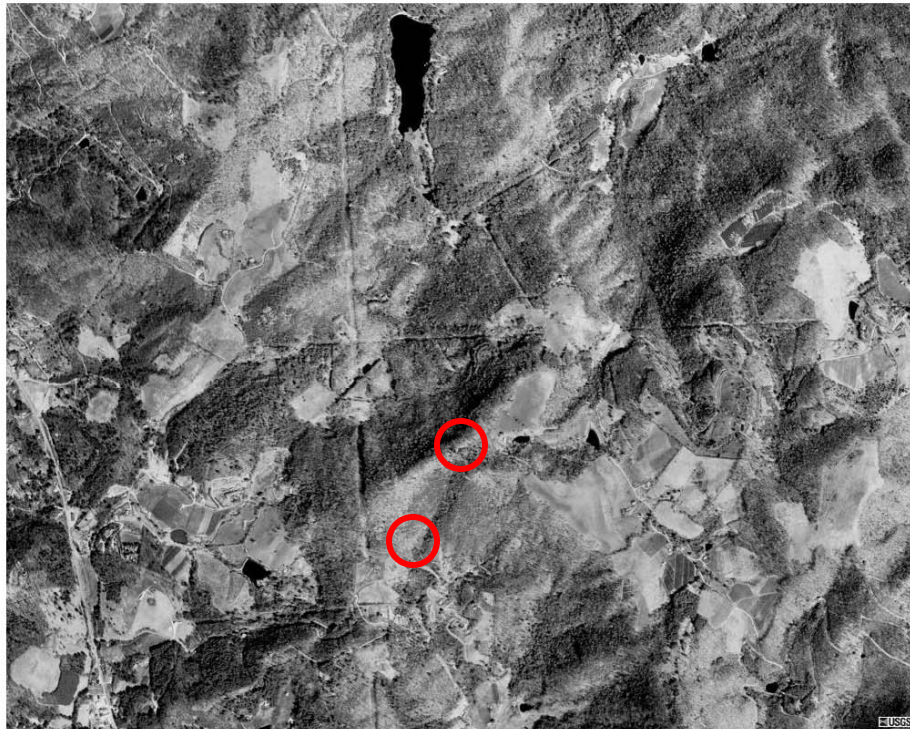
The Alders mine is located near the crest of Peak Knob, 1.3 miles northeast of Glenville. It can be reached by traveling on SR 1129 for 1.9 miles northeast of its intersection with State Highway 107. Turn southeast onto SR 1126 and travel 0.15 mile to a farm road on the west side of SR 1126. The deposit is located 600 feet west of an abandoned farmhouse at the end of this farm road. The openings have been backfilled and leveled. The Holden Mine is located 1300 feet southwest of the Alders mine on the southwest side of Peak Knob. It lies on the west side of a small stream 200 feet west of a farmhouse.

Alders Mine

Jackson County



USGS Topographic Map: Big Ridge 7.5' Quadrangle 7-1-91



USGS Orthophotoquad: Big Ridge 7.5' Quadrangle 4-12-93