

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 NC-5			
Historical Name	Balsam Gap Olivine Deposit		
Latitude / Longitude	35.42556N -83.09587W		
State, County, nearest City/Town	North Carolina, Jackson, Balsam		
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. INFORMATION SOURCES (include publication date)	Hunter (1941, p.67-74). Honeycutt (1978). Honeycutt and Heimlich (1980). USGS 7.5' Topo Map: Hazelwood (7/1/97). USGS Orthophoto for Hazelwood Quad (4-12-93). 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	11-7-05
1. Was the site located and a site visit completed?	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Other (please describe below)		
4. Are there large areas of bare soil visible on the property?	<input checked="" type="checkbox"/> Yes (Please describe below) <input 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)		

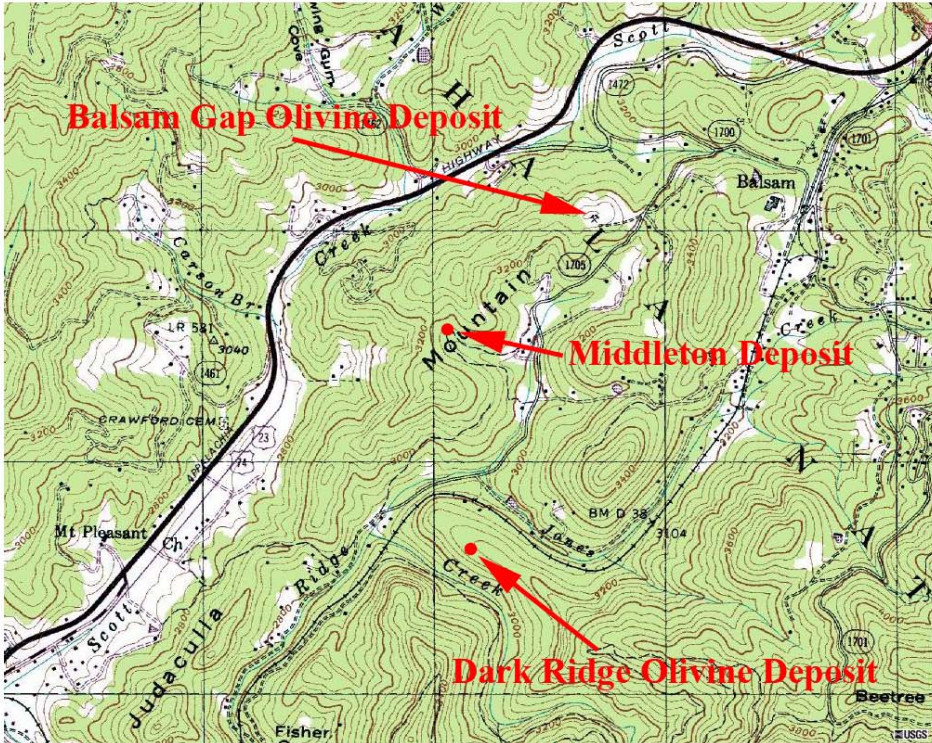
7. Are any physical barriers present (fences, gates) that prevent access?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Description
D. ADDITIONAL INFORMATION (Indicate by letter and number which topic the information supports)	
<p>A. Hunter (1941, P.74) reported chrysotile at the deposit. Honeycutt and Heimlich (1980, p.251) reported anthophyllite was present also.</p> <p>C1- C6. The site was visited but the mine property was not entered. The pit is visible from State Road 1705. The site was mined for olivine but is now abandoned. Aerial photos indicate the mine contains is a large area of bare rock and soil. A locked gate at the entrance limits access to the mine. The nearest residences are about 600 feet northeast and east of the mine.</p>	

Directions to the mine:

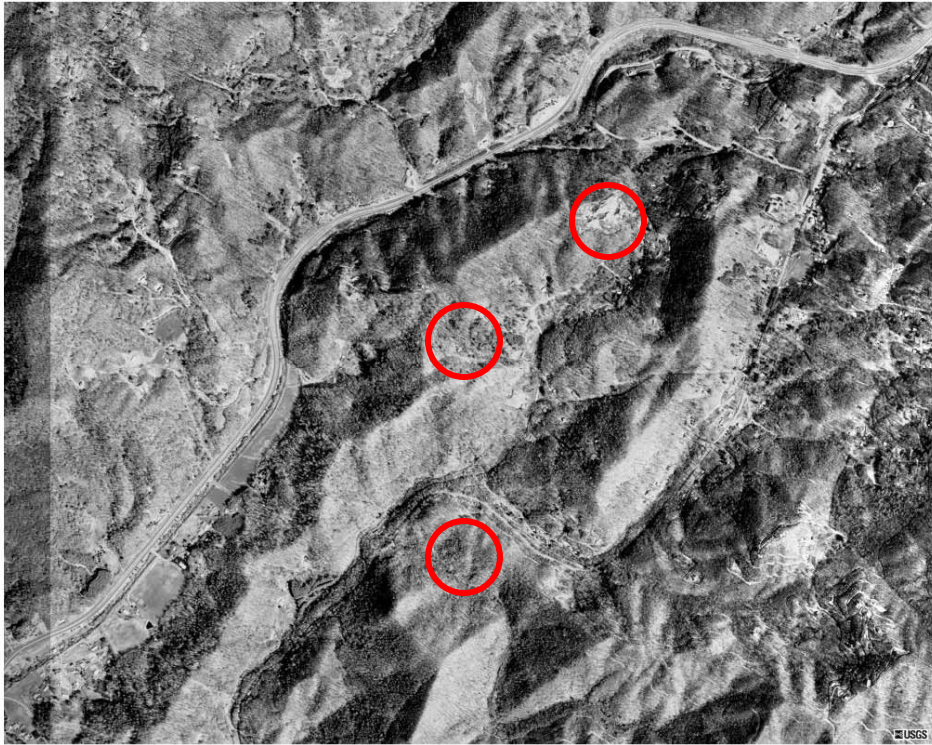
The Balsam Gap olivine deposit is located about 0.5 mile west of the community of Balsam. In Balsam Drive west on SR 1700 about 0.25 mile to the intersection with SR 1705. Take a left onto 1705 (south) and go 0.25 to the mine entrance on the right (west) side of SR 1705. The road to the mine has a locked gate.

Balsam Gap Olivine Deposit

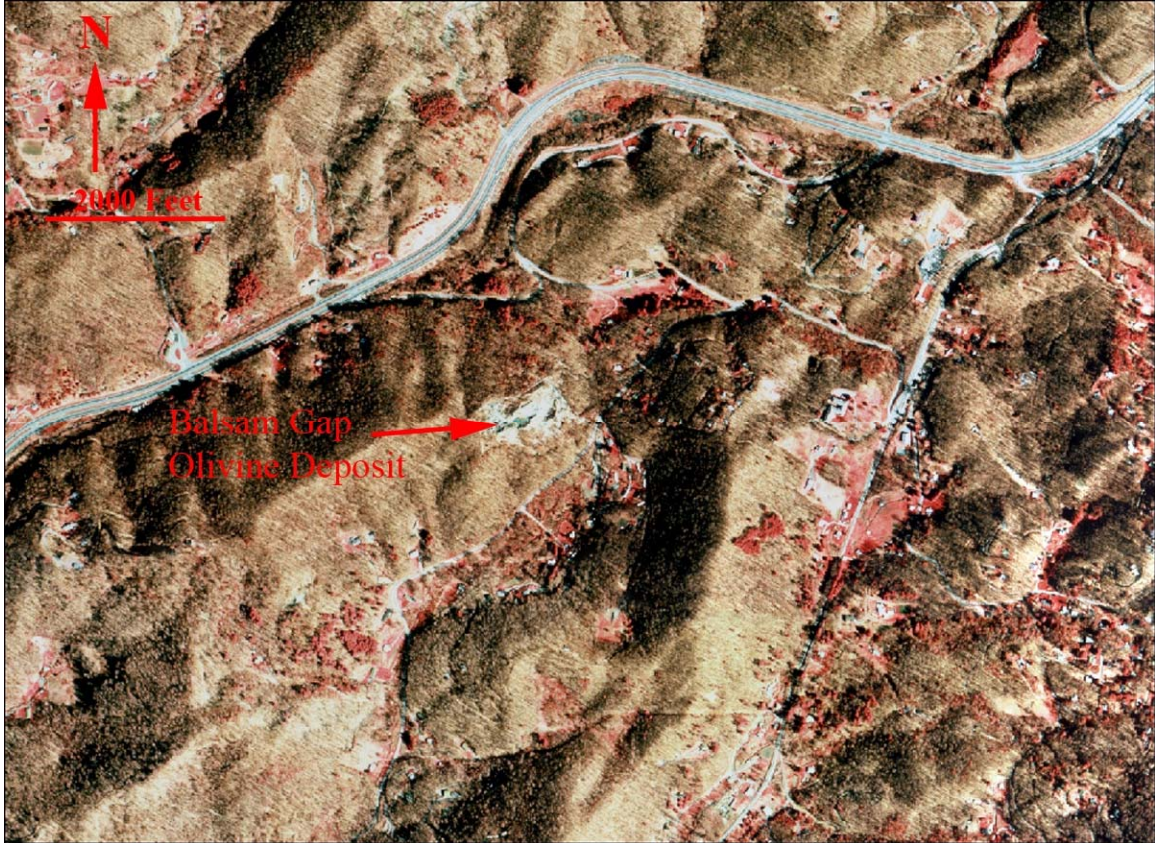
Jackson County



USGS Topographic Map: Hazelwood 7.5' Quadrangle 7-1-97



USGS Orthophotoquad: Hazelwood 7.5' Quadrangle 4-12-93



Color IR orthophoto (1998) of the Balsam Gap olivine deposit area.



Gated entrance to the Balsam Gap olivine deposit.