

# Laboratory Report

Cyprus Industrial Minerals Co.  
Technical Center

8985 E. Nichols Avenue  
Englewood, CO 80112

Filing No. 88-306

References:

Key: Chester, VT

Date of Report: 12-13-88

Date of Work Request / By: 12-02-88  
Tom Landels  
Reported By: M. L. Clark

Copies: R.D. Baker,  
E. F. McCarthy  
P.A. Colville  
File

Approved By:

Classification:

Status:

Subject: Service for operations. Mine development at Hamm Open Pit in Vermont.

Objective: Determine mineralogy by XRD for 1 mine sample from the Hamm Open Pit in Vermont.

Sample ID: Test 12  
Z-4  
South Wall  
Lot 13

Results: Mineralogy of this sample was determined by an XRD scan for overall mineralogy and by XRD scans designed specifically for amphibole and quartz. Mineralogy was determined to be as follows:

|                           |       |
|---------------------------|-------|
| Chlorite.....             | 95%   |
| Ankerite                  |       |
| (Ca-Mg-Fe Carbonate)..... | 5%    |
| Talc.....                 | Trace |
| Amphibole.....            | ND    |
| Quartz.....               | ND    |

(ND: Not Detected)

  
Michael L. Clark

PLAINTIFF'S  
EXHIBIT  
**CAM-309**

MLC/jp

PC1213-1

**CYPRUS**

ITA-Ratcliff-000067