



MBT
Laboratory Report
CYPRUS

Cyprus Industrial Minerals Co.
Product Development West
An Affiliate of Cyprus Minerals Company

2435 Military Avenue
West Los Angeles, California 90064
Telephone (213) 478-0462

JUL 27 1988

RECEIVED
ENGINEERING DEPT

Filing No. 88-179

References:

Key: Beaverhead Mine Development

Date of Report: 7-20-88

Date of Work Request/By: 7-16-88/J. Radcliffe
Three Forks, MT

Copies: R.D. Baker, P. Colville,
J. Radcliffe,
R. Zazenski, File

Reported By: M.L. Clark *MLC*

Approved By: W.A. Cavanagh *WAC*

Classification:

Status: Analytical - complete

Subject: Samples of fibrous talc from the Beaverhead mine are suspected to contain tremolite. A sample of BT-Fines, Sample No. A06078-4 may also contain tremolite.

Objective: Analyze samples for possible amphibole content.

RESULTS: The samples were analyzed by XRD in triplicate and the results are summarized in the following table:

SAMPLE I.D.		% AMPHIBOLE
J-5-BVH	A	N.D. (Not Detected)
	B	N.D.
	C	N.D.
Beaverhead	A	N.D.
	B	N.D.
	C	N.D.
Rock Sample	A	N.D.
	B	N.D.
	C	N.D.
BT Fines A060780-4	A	0.76%
	B	0.44%
	C	0.33%

Analysis by polarized-light microscopy with dispersion staining confirms the presence of an amphibole mineral in the BT-Fines samples and indicates that this amphibole is actinolite.

M.L. CLARK *MLC*

PLAINTIFF'S
EXHIBIT
CAM-116

LUZ00000069



CYPRUS INDUSTRIAL MINERALS, PRODUCT DEVELOPMENT
TECHNICAL SERVICE REQUEST

2435 Military Avenue
WEST LOS ANGELES 90064
(213) 478-0462

Request # 88-179
Acct. Code # QUANT. RESOURCES DEVELOPMENT 511-510
(to be completed by Tech Services only)

Requested By: J. RADCLIFFE

Date of Request: 7-16-88
Desired Compl. Date ASAP

Customer CINC-MONTANA
Industry _____
Mineral TAK
Salesman _____
Phone # (406) 285-3271
Interco. _____

Type of Request ☐ Customer Complaint ☐ Competitive Product Analysis
☐ Customer Assistance ☒ Other

Description of Incoming Samples:
(Size, Form, return or discard?)

1 POWDER LABELED "BEAVERHEAD", 1 POWDER LABELED "J-S-BVH", 1 POWDER
LABELED "BT FINES, A06078-4", 1 ROCK SAMPLE LABELED "BEAVERHEAD FIBROUS"

Description of Problem and Assistance Required:

SAMPLES ARE SUSPECTED TO CONTAIN FIBROUS AMPHIBOLES.
VERIFICATION OF PRESENCE AND DETERMINATION OF PERCENTAGE
OF AMPHIBOLE IS REQUESTED

Benefits to be Gained:

ENHANCED MINE DEVELOPMENT AND POSSIBLE USAGE OF
STOCKPILED ARE (BT-FINES).

Copies of Results to: J. RADCLIFFE, R.J. ZAZENSKI

PRODUCT DEVELOPMENT/TECHNICAL SERVICE USE ONLY

Approved By: M.L. CLARK

Sample Receipt Number(s) _____

Project Manager: M.L. CLARK

Actual Completion Date _____

Verbal Results Date _____

PRIORITY: ☐ urgent ☒ 1 wk ☐ 2 wks. ☐ 3 wks. ☐ 4 wks

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