



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

MBT
Laboratory Report
CYPRUS

JUL 27 1988

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

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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