

FILE NAME: CTFA (CTFA)

DATE: 1976 March 7

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DOCUMENT DESCRIPTION: Handwritten Sampling Notes

DATE RPA SUBJECT

6164- 99

558

3/5/76 36001 x-Ray Diffraction

Sample Seep JCS-35-74 1/2 Beta-phase content
Warmer incubant

Instrumental Parameters

Seep 11.5 KV 20 ma Ni filter
Debye-Scherrer Camera 114.59 mm I.D.
No-Screen film Kodak
2 hour exposure
Develop. & Fix 6 min each.

Sample 1/2 Beta-Phase
Seep JCS-35-74 10 % " "

339

3/8/76 62130 x-Ray Diffraction

Quality check on Run Table: Asbestos particularly
Amphibole. Various Talc samples: Old Royal North
Carolina Talc Lot 2-21-21; New Montana Talc Lot 1-20-21
(1972); Recent Montana Talc Lot 12-4-5 (1975); Old Ita-
lian Talc EGT-55 and Recent Italian Talc
Lot 260215 (1976). Qualitative and semi-quantitative
identification for Anthophyllite and Tremolite asbestos.
F. Manschner & D. Schumacher.

Instrumental Parameters

Crp. 40 KV 20 ma Graphite monochromator
Divergence & Scatter slit 1" Receiving 0.006"
Scint. 0.252 KV Att. 128
Step Scan 0.02 degrees per step
Fixed Counts 2000 per step
Area covered 10 to 11 2 theta

Sample	Results
Old Royal North Carolina Talc Lot 2-21-21	Positive for Tremolite
New Montana Talc Lot 1-20-21 (1972)	* Positive for Anthophyllite & Tremolite
Recent Montana Talc Lot 12-4-5 (1975)	None detected
Old Italian Talc EGT-55	None detected
Recent Italian Talc Lot 260215 (1976)	Positive for Tremolite

SIGNED

DATE March 9, 1976

WITNESSED

DATE April 1, 1976

CPC-NB00000061