



Breault Research Organization
6400 E. Grant Road, Suite 350
Tucson, Arizona 85715

LIGO - E957082-00 -
Tel: 602-721-0500
Fax: 602-721-9630

From: Robert P. Breault
CHAIRMAN

July 18, 1995
pages to follow: 3

To: Albert Lazzarini
East Bridge
Caltech
Pasadena, Calif

Tel: 818-395-2131
Fax: 818-304-9834

Subject: LIGO BAFFLE MATERIAL SEARCH

Dear Albert,

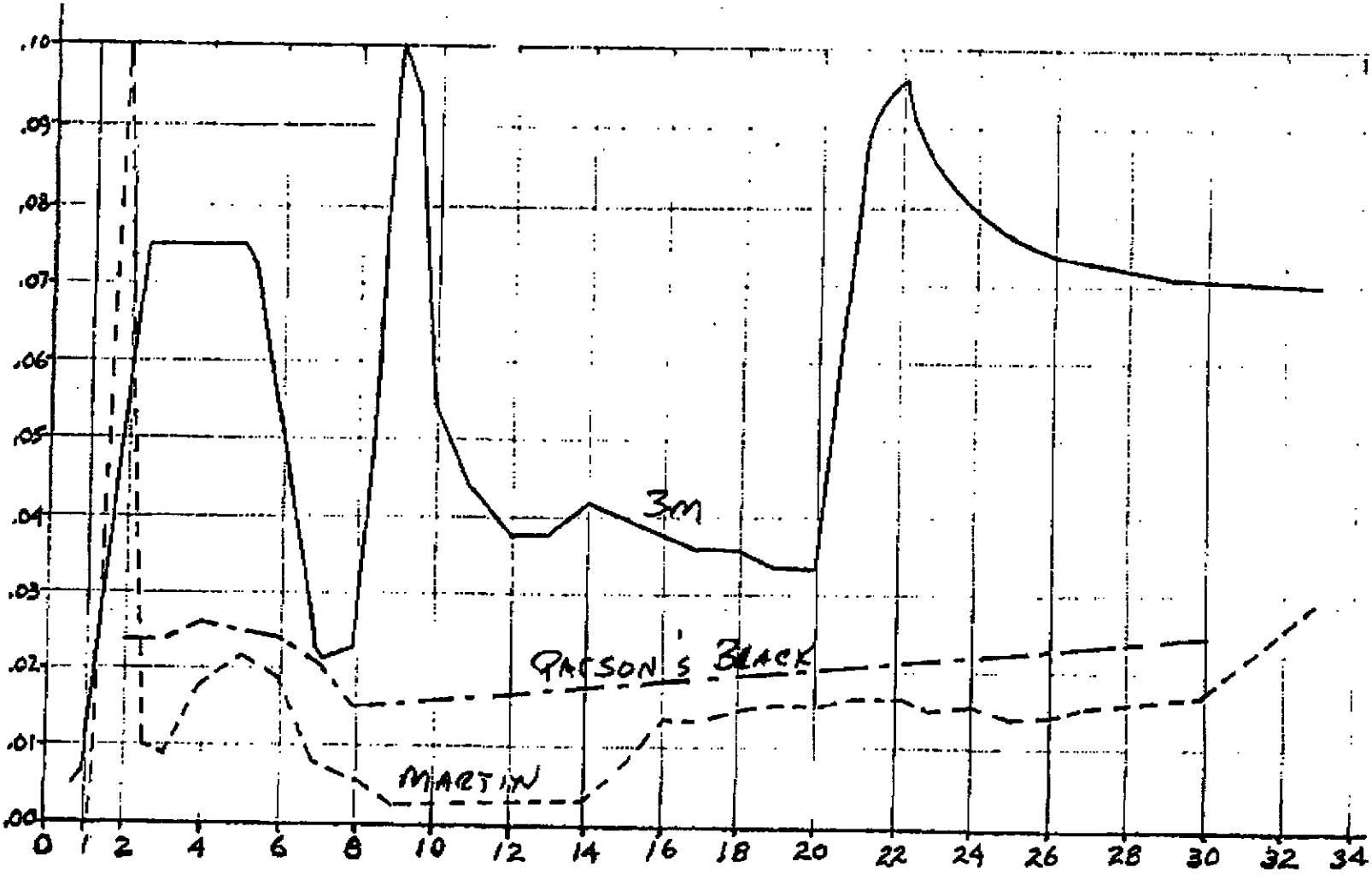
Attached are some very old spectral reflectance graphs of three black materials, one of which is Martin Black. As you can see there is a significant peak at about 1.8 microns. Also the previous data point looks like it is at 1.0 microns. Previous conversations with Don Sheppard of Martin would lead me to believe that this peak is due to water, it goes away if vacuum baked, but it does come back.

Sue McCall and I are still searching for 1.06 BRDF data specifically.

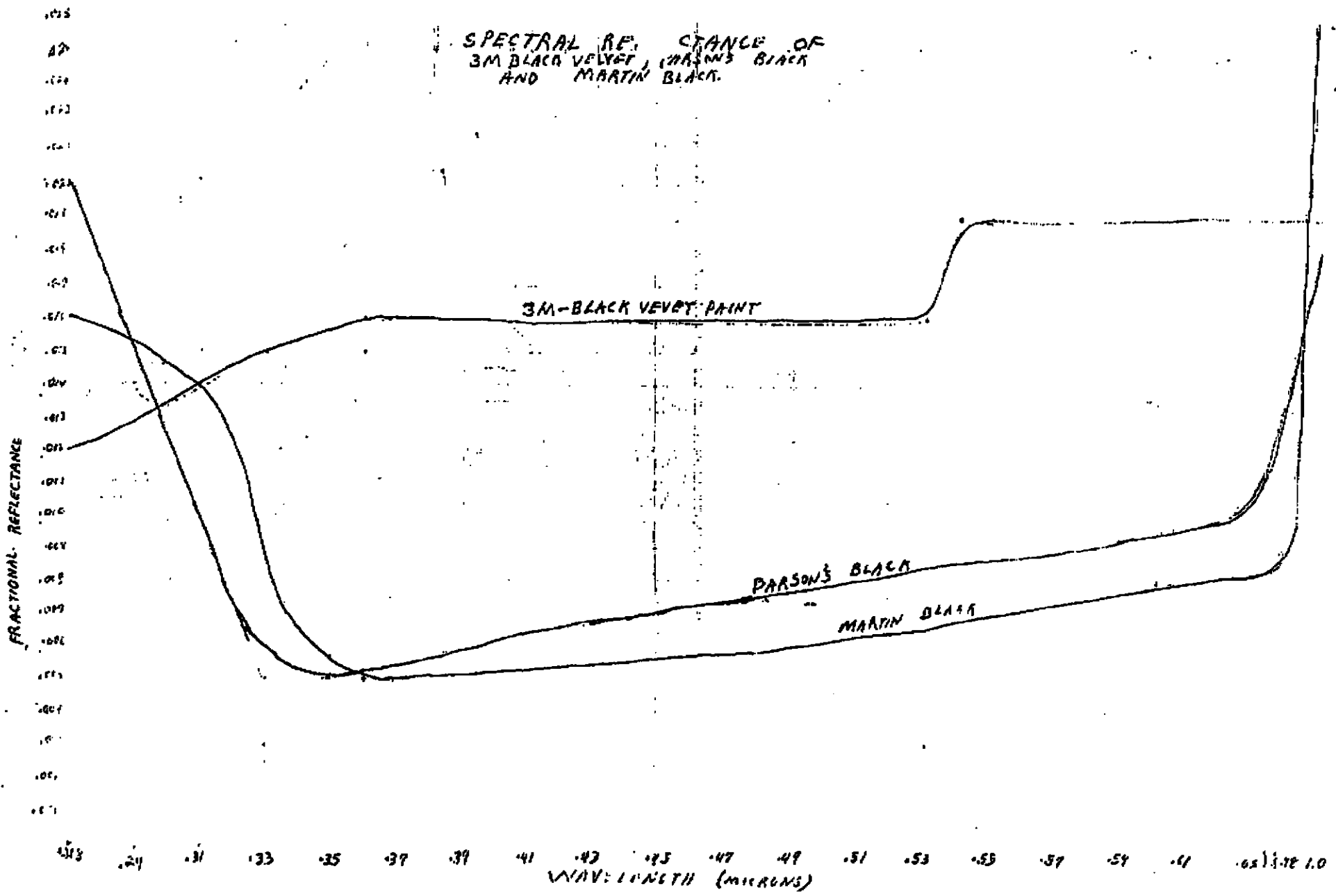
Sincerely,

Bob Breault

If any of these fax pages are missing or illegible, please contact us immediately.



SPECTRAL REFLECTANCE OF
3M BLACK VELVET, PARSON'S BLACK
AND MARTIN BLACK.



SPECTRAL REFLECTANCE

WAVELENGTH (MICRONS)



FAX COVER PAGE

CALIFORNIA INSTITUTE OF TECHNOLOGY

LIGO Project, 102-33 East Bridge Laboratory, Pasadena, California 91125
818-395-2129, Fax 818-304-9834

TO:	M. ZUCKER & R. WEISS
ORGANIZATION:	MIT - LIGO
FAX NUMBER:	(617) 253-4894
VOICE NUMBER:	
DATE:	7/24/95
TIME:	11:30 AM.

FROM:	ALBERT LAZZARINI
ORGANIZATION:	CIT - LIGO
FAX NUMBER:	304-9834
VOICE NUMBER:	
REFER TO:	LIGO LIGO FAX SL
SUBJECT:	

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET:	
---	--

*Sorry for the delay,
Jinda - Dec*



Breault Research Organization
6400 E. Grant Road, Suite 350
Tucson, Arizona 85715

LIGO - E950082-00 -
Tel: 602-721-0500
Fax: 602-721-9630

From: Robert P. Breault
CHAIRMAN

July 18, 1995
pages to follow: 3

To: Albert Lazzarini
East Bridge
Caltech
Pasadena, Calif

Tel: 818-395-2131

Fax: 818-304-9834

Subject: LIGO BAFFLE MATERIAL SEARCH

Dear Albert,

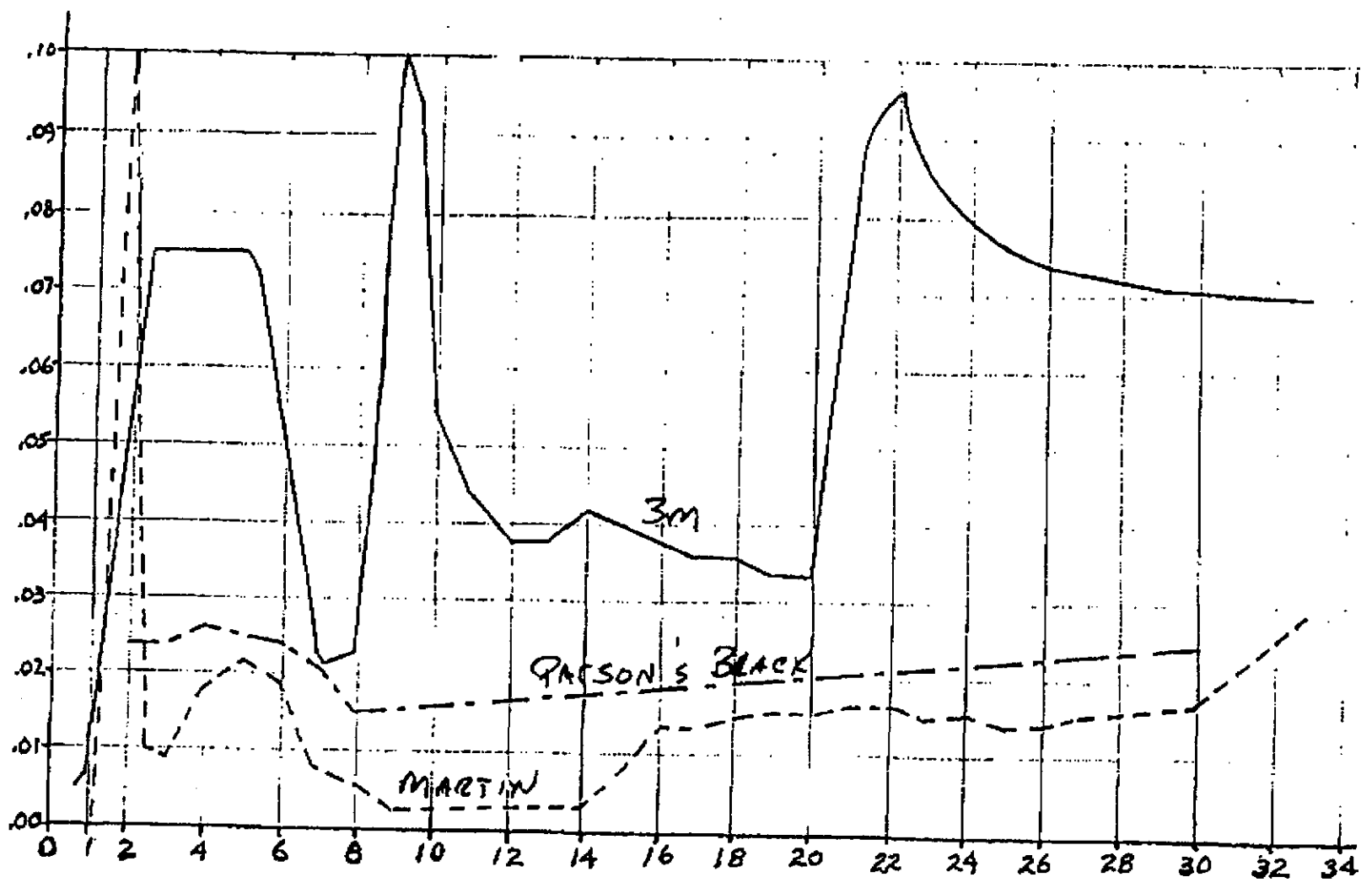
Attached are some very old spectral reflectance graphs of three black materials, one of which is Martin Black. As you can see there is a significant peak at about 1.8 microns. Also the previous data point looks like it is at 1.0 microns. Previous conversations with Don Sheppard of Martin would lead me to believe that this peak is due to water, it goes away if vacuum baked, but it does come back.

Sue McCall and I are still searching for 1.06 BRDF data specifically.

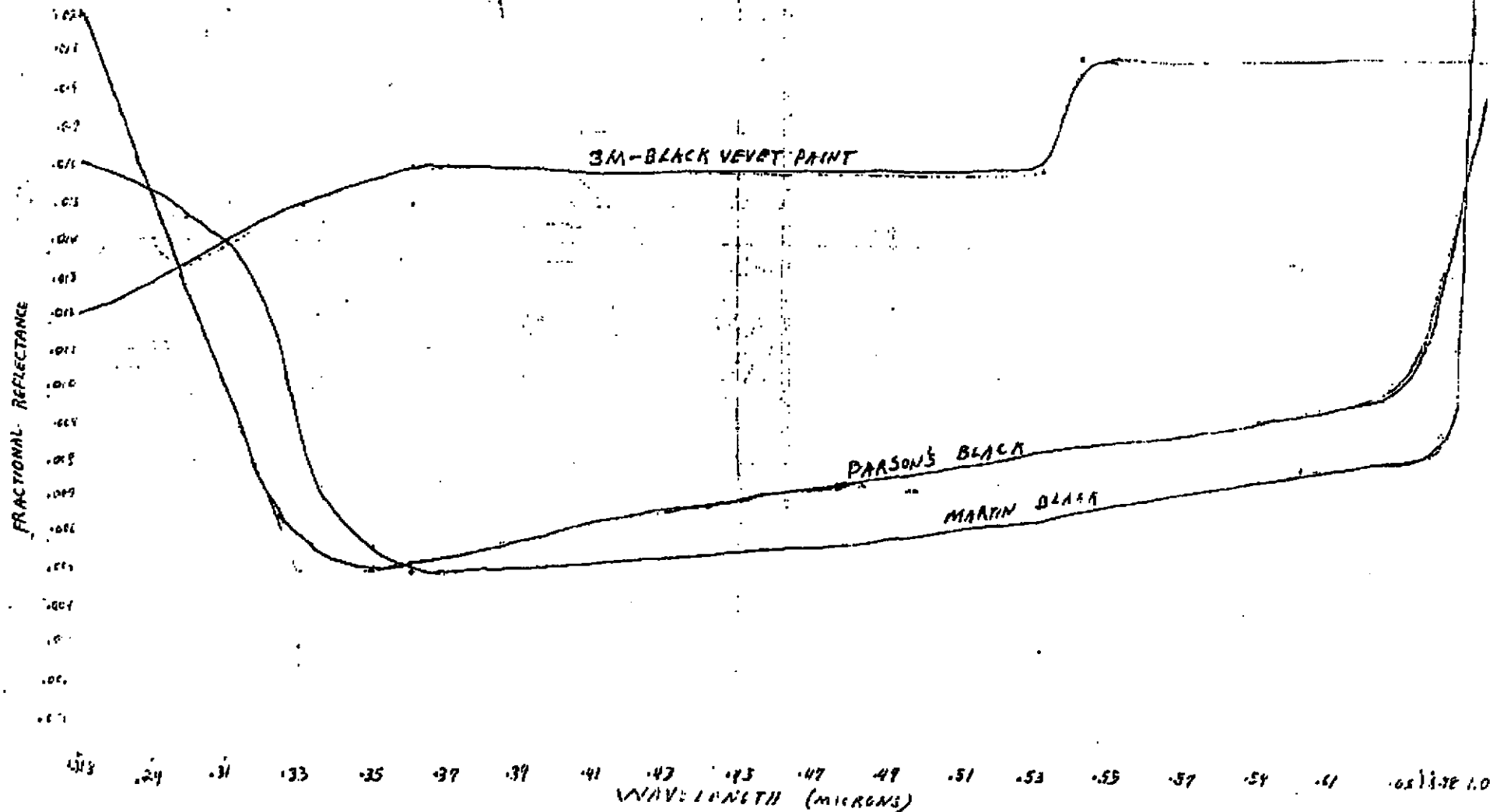
Sincerely,

Bob Breault

If any of these fax pages are missing or illegible, please contact us immediately.



SPECTRAL REFLECTANCE OF
3M BLACK VELVET, PARSON'S BLACK
AND MARTIN BLACK.



SPECTRAL REFLECTANCE