

Addison Airport - Westside QA/QC
1998



N.B. ZACHRY COMPANY
FACSIMILE COVER SHEET
JOB 4568: ADDISON TOLL TUNNEL

Physical Address:
 16101 Dooley Rd
 Dallas, TX 75244

Mailing Address:
 P.O. Box 1004
 Addison, TX 75001-1004

Fax: (972) 267-0435
 Phone: (972) 267-0430

Date: 10/2/98

To: Jim Pierce

Company: Public Work - Town of Addison

Fax Number: 450-2837

Phone Number:

From: Majed

Pages Sent: _____ (Including cover sheet)

Comments: Jim

Attached are charts for gradation,
originals provided to Julian.

Majed

If you do not receive all of the pages,
 please call (972) 267-0430

**Control Charts for Fine & Coarse Aggregate Gradation
Addison Taxiway Phase II**

Coarse Aggregate

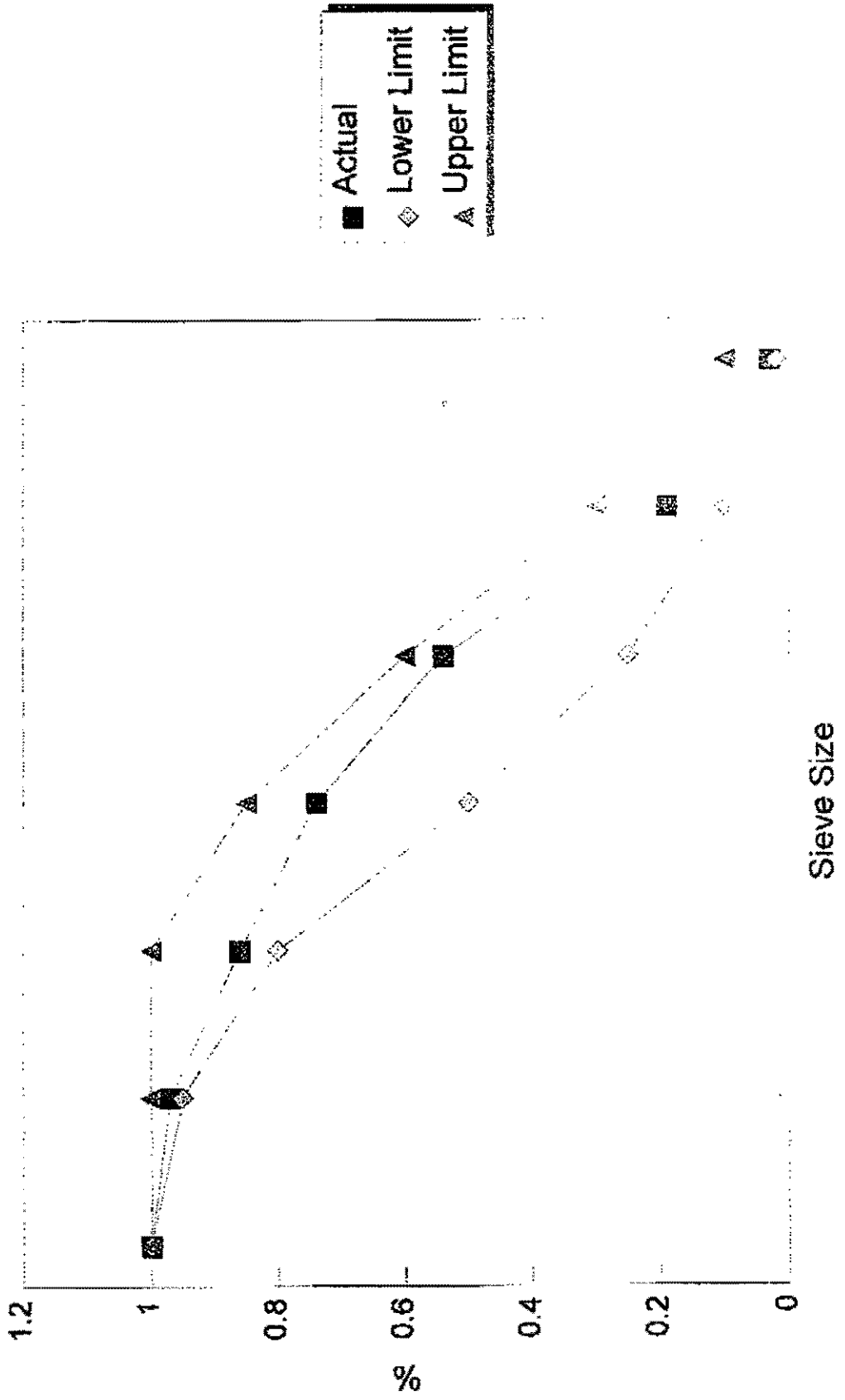
Sieve Size	09/02/98		09/03/98		09/09/98		09/11/98		Lower Limit	Upper Limit
	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing		
1.5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1	98.00%	98.00%	99.00%	99.00%	96.00%	96.00%	96.00%	96.00%	95.00%	100.00%
0.5	47.00%	51.00%	53.00%	53.00%	51.00%	41.00%	41.00%	41.00%	25.00%	60.00%
#4	2.00%	4.00%	3.00%	3.00%	4.00%	3.00%	3.00%	3.00%	0.00%	10.00%
#8	2.00%	3.00%	2.00%	2.00%	3.00%	2.00%	2.00%	2.00%	0.00%	5.00%

Fine Aggregate

Steve Size	09/02/98 % Passing	09/02/98 % Passing	09/03/98 % Passing	09/09/98 % Passing	09/11/98 % Passing	Lower Limit	Upper Limit
3/8"	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
#4	97.00%	97.00%	97.00%	97.00%	96.00%	95.00%	100.00%
#8	86.00%	88.00%	86.00%	85.00%	85.00%	80.00%	100.00%
#16	74.00%	77.00%	75.00%	76.00%	62.00%	50.00%	85.00%
#30	54.00%	57.00%	54.00%	52.00%	47.00%	25.00%	60.00%
#50	19.00%	21.00%	19.00%	20.00%	26.00%	10.00%	30.00%
#100	3.00%	3.00%	2.00%	3.00%	3.00%	2.00%	10.00%

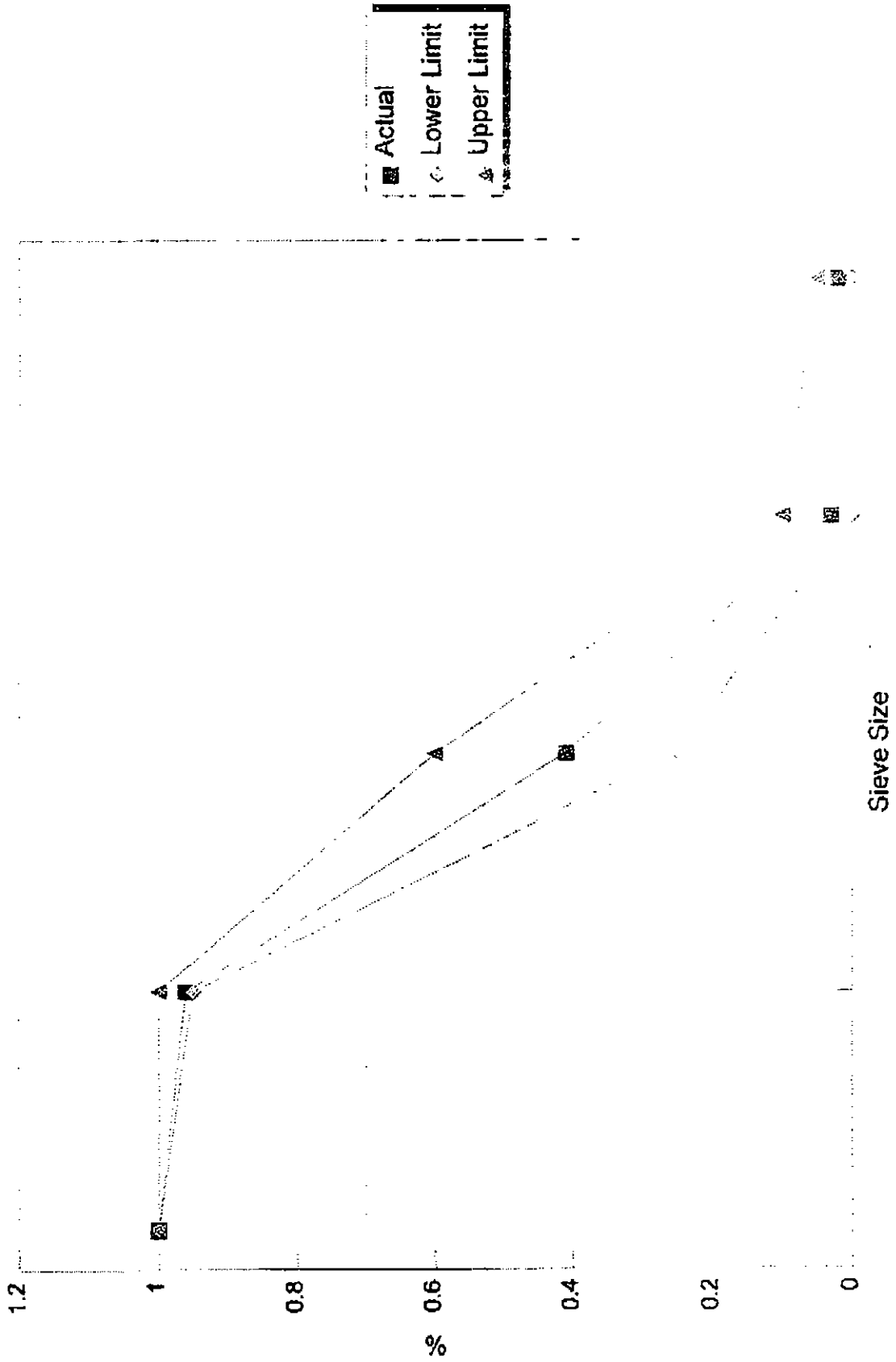
Fine Aggregates Sieve Analysis

9/02/98



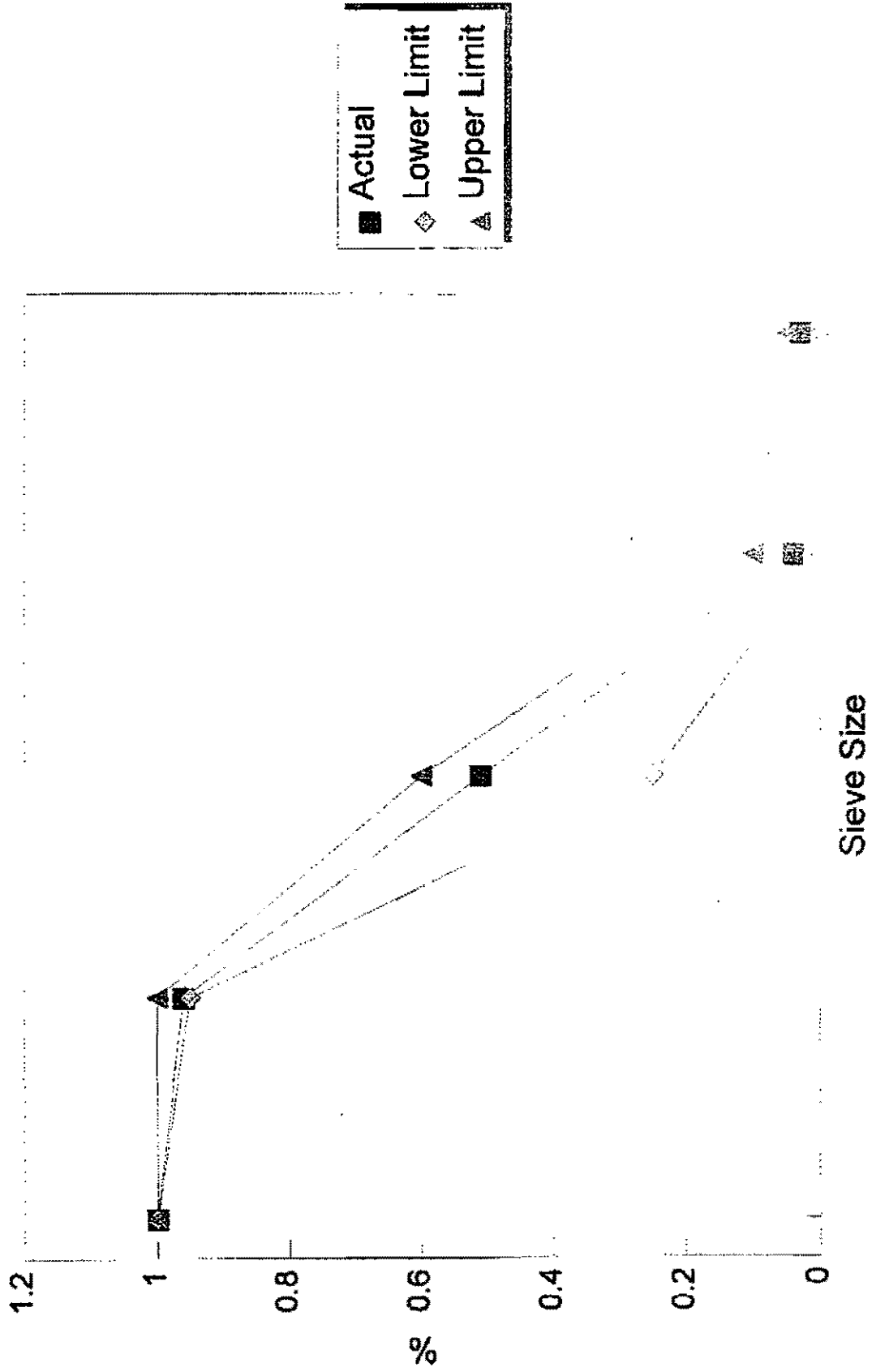
Coarse Aggregates Sieve Analysis

9/11/98



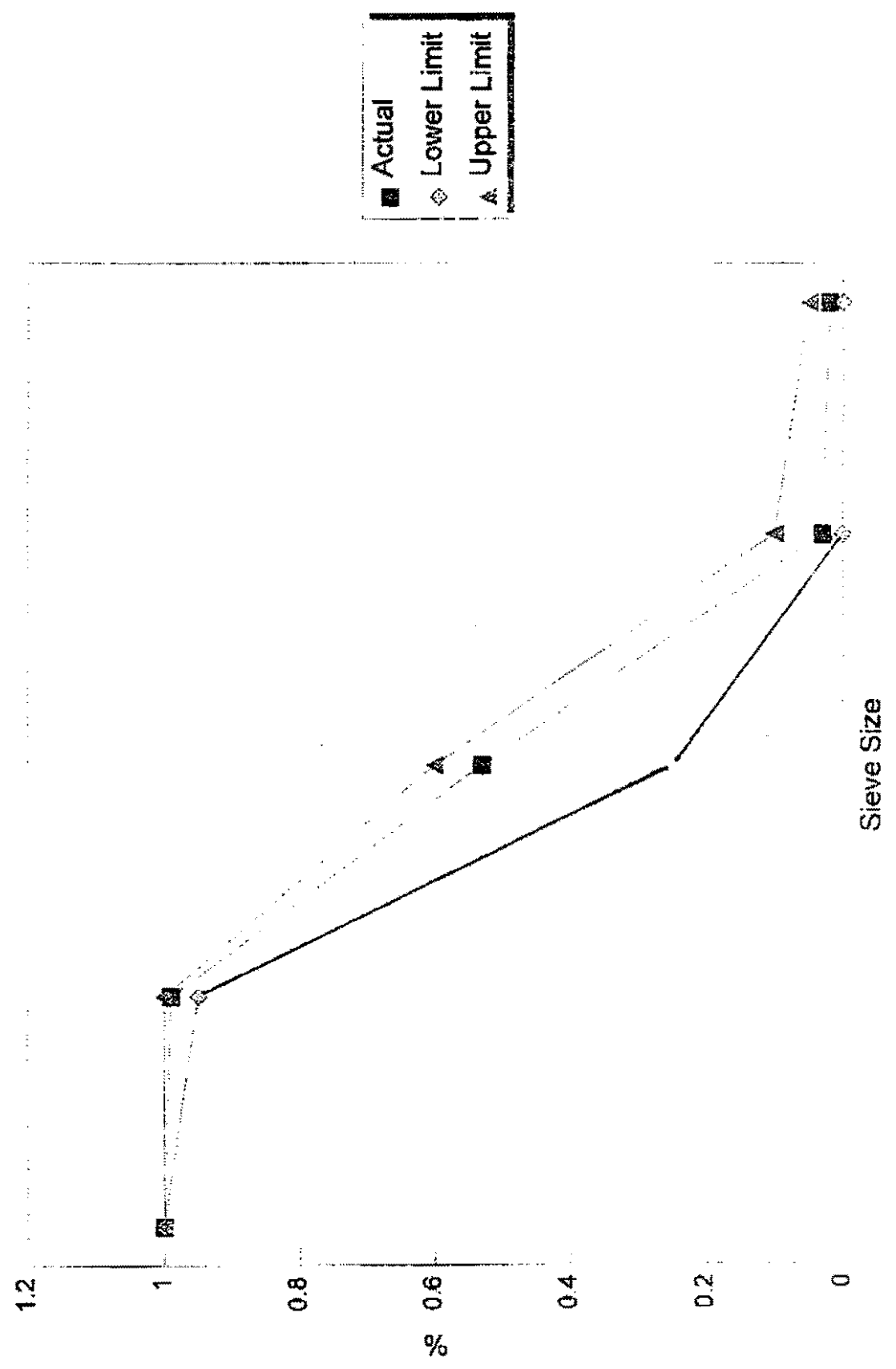
Coarse Aggregates Sieve Analysis

9/09/98



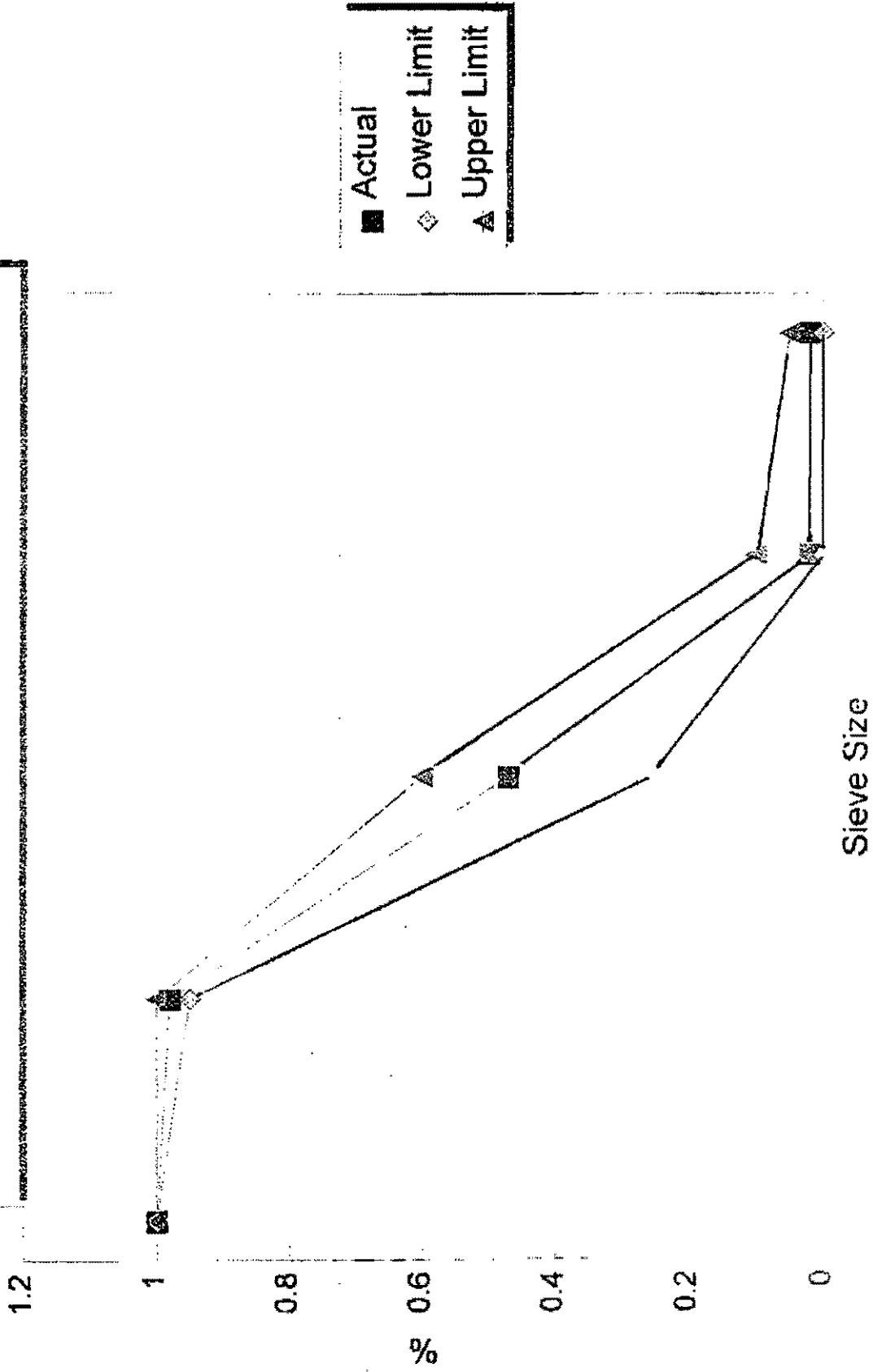
Coarse Aggregates Sieve Analysis

9/03/98



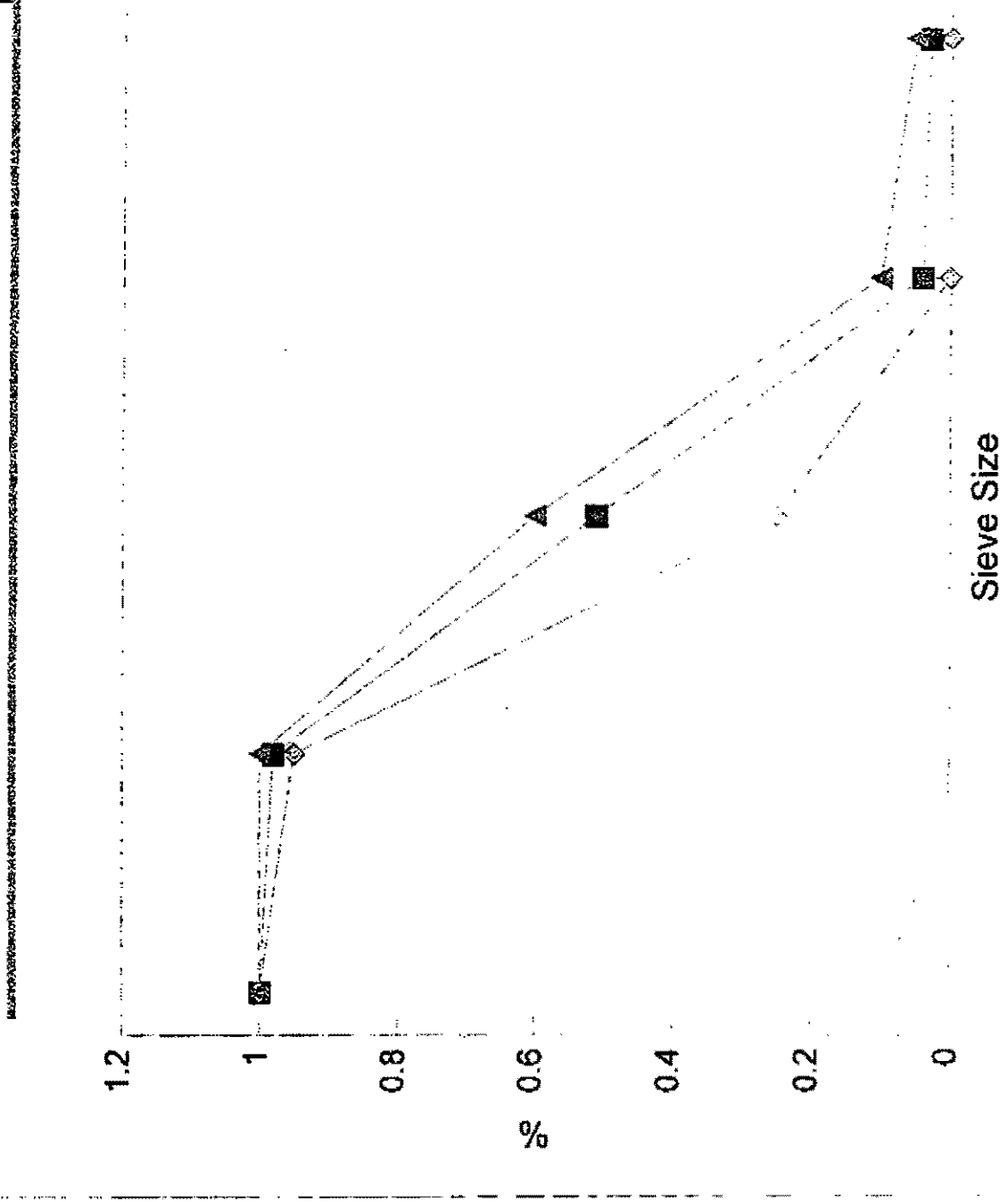
Coarse Aggregates Sieve Analysis

9/02/98



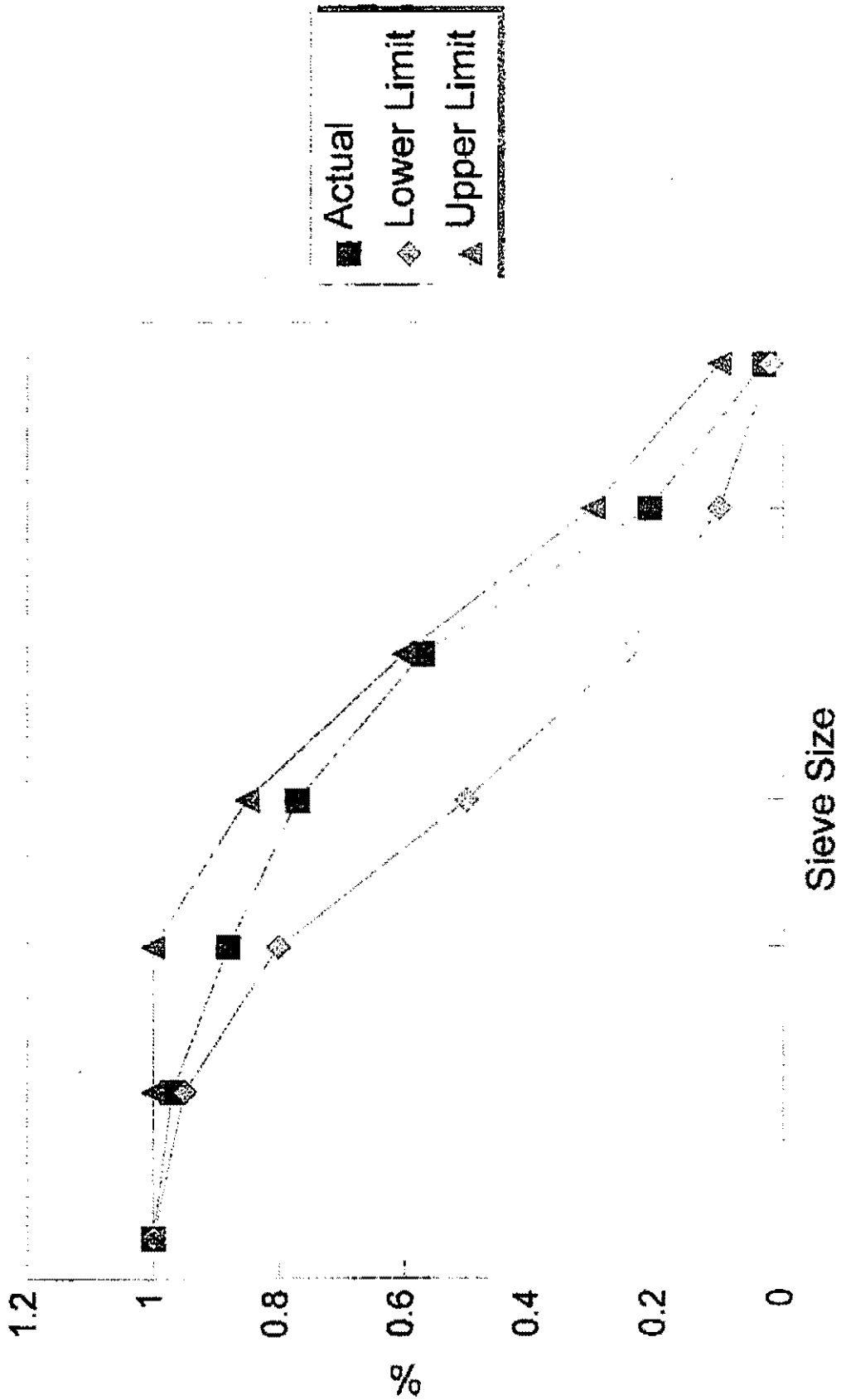
Coarse Aggregates Sieve Analysis

9/02/98



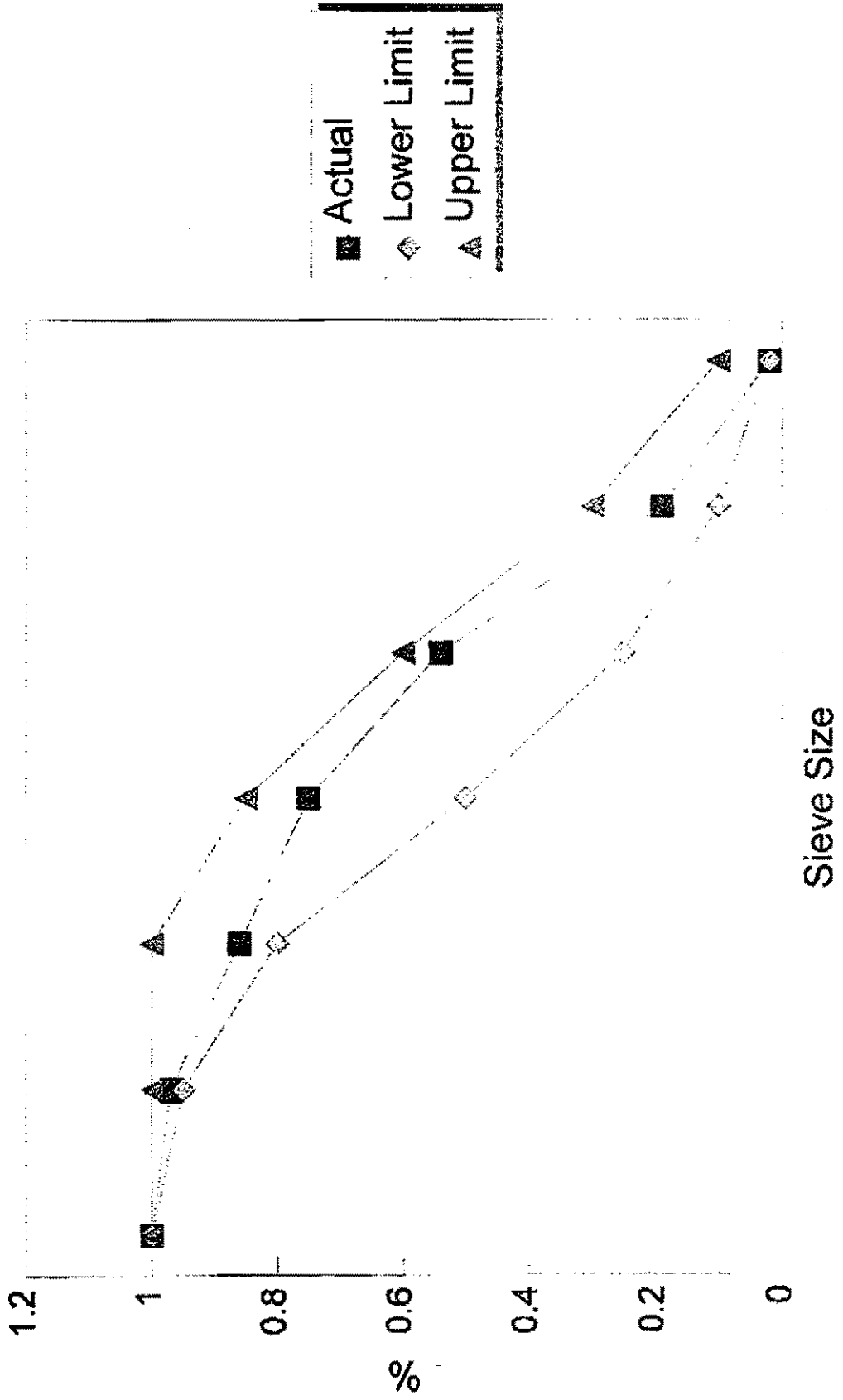
Fine Aggregates Sieve Analysis

9/02/98



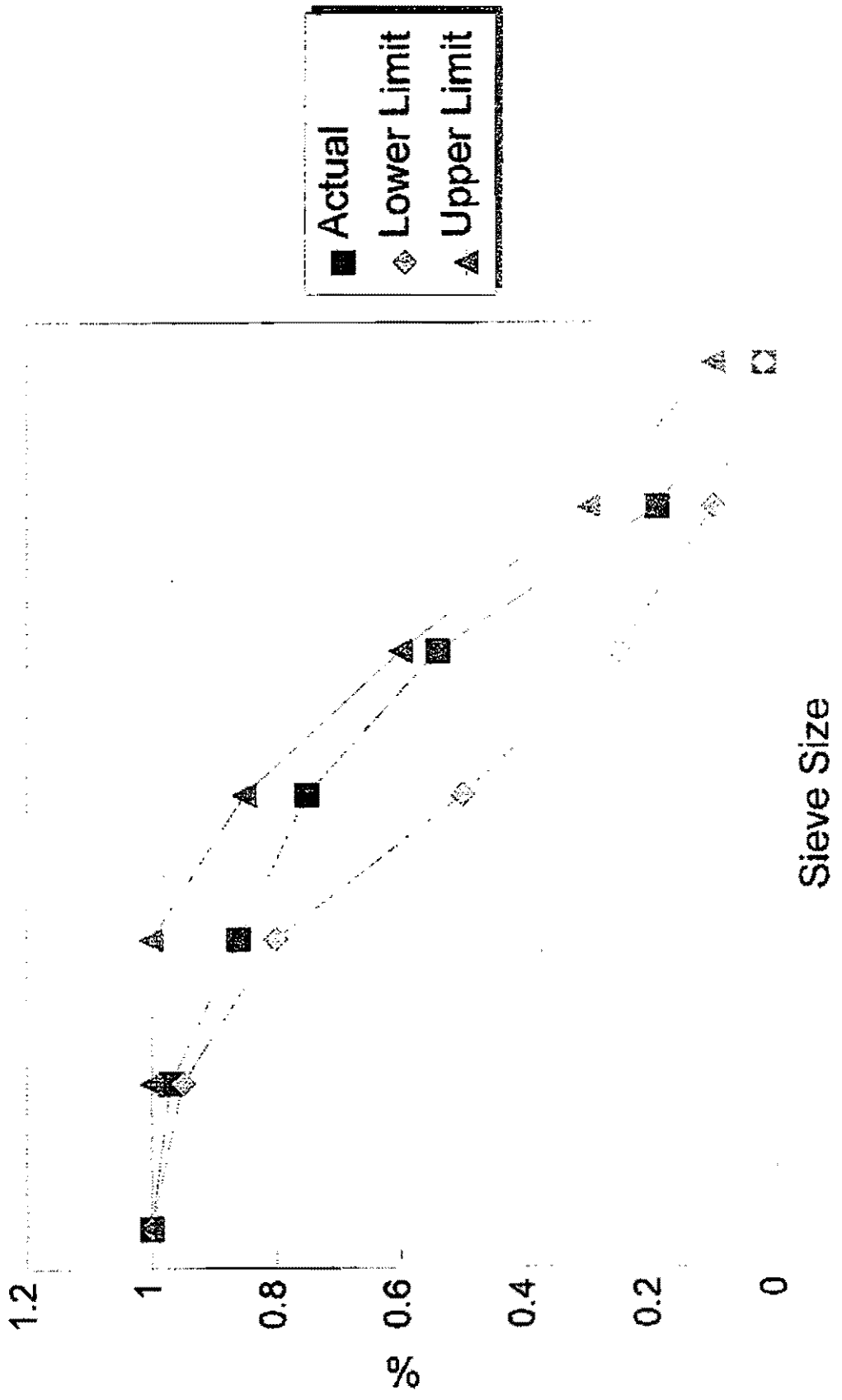
Fine Aggregates Sieve Analysis

9/03/98



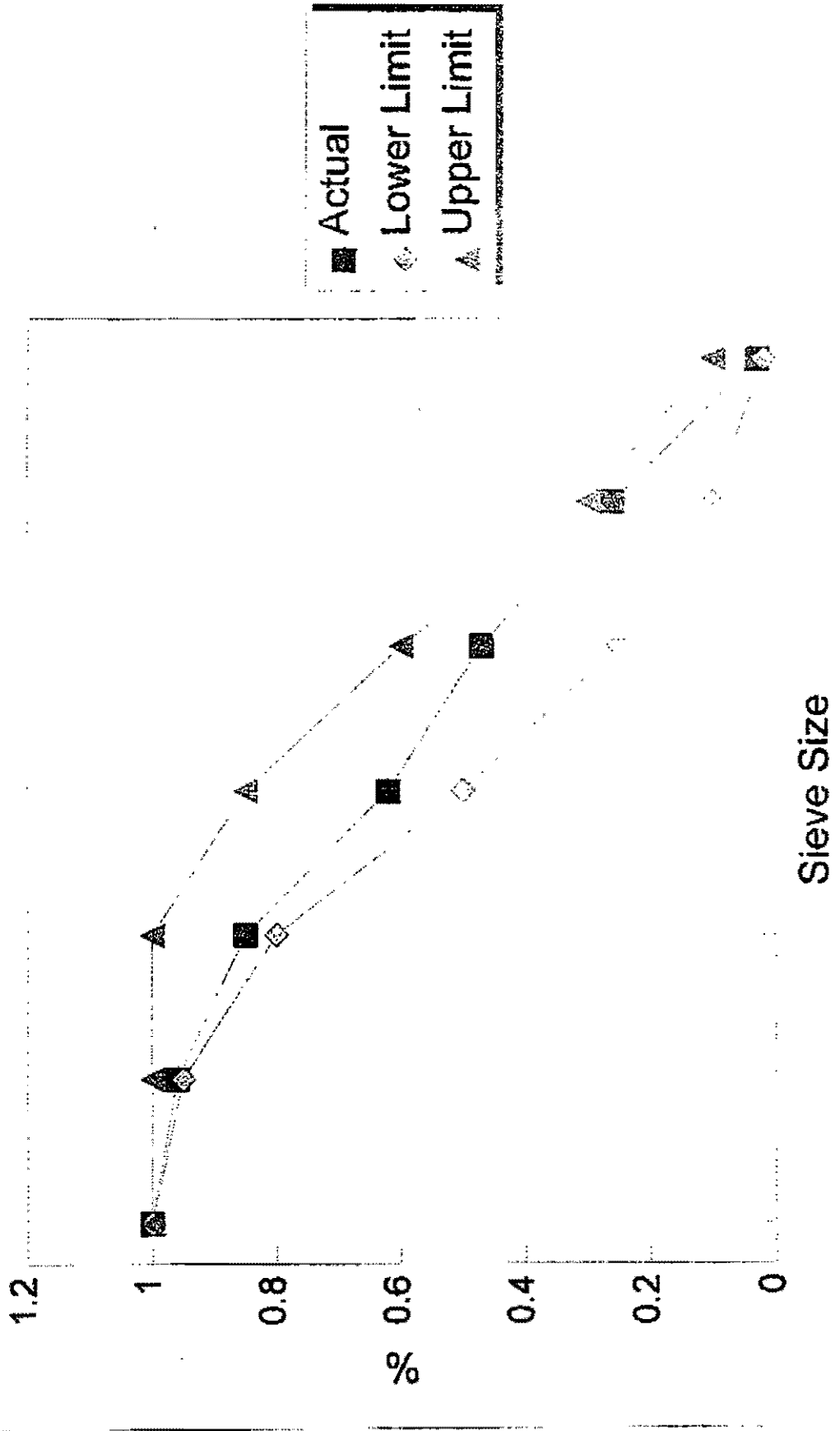
Fine Aggregates Sieve Analysis

9/09/98



Fine Aggregates Sieve Analysis

9/11/98



Project No.: TXDOT#9842 ADDSN BID#98-4, Addison Airport-West Taxiway

Date: 15-Sep-98

Transmittal of shop drawings, monolithic drawings, equipment data, material samples, manufactures certification of compliance, etc., for approval by the engineer.

Request for Engineer's review of the following items.

To: Wise Contractors-Consultants, Inc. From: H.B. Zachry Company

Rt. 1 Box 562 16101 Dooley Rd.

2 Oakwood, TX 75855 Addison, TX 75244

Requested Return Date: ASAP

H. B. Zachry Submittal #: 126

Description of Item Submitted i.e. Type, Size, Model No., etc.	Manufacturer or Supplier	Mfg. or Cont. Cat., Curve Drawing of Brochure No.	Project Specification Section Number	Project Drawing Sheet or Plate No.
ATTACHED PLEASE FIND				
1 Control Chart, P-501	H. B. Zachry Co.		1 P501	

Majed Limam
Majed Limam, Project Controls Manager

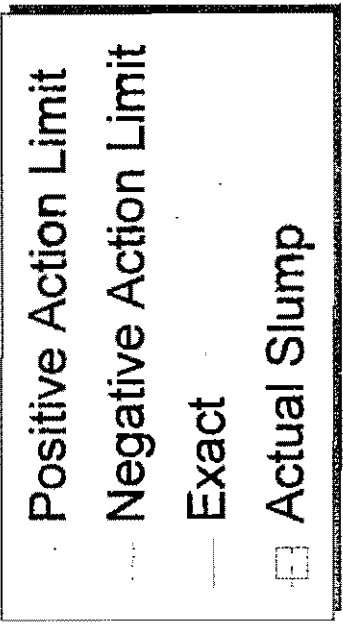
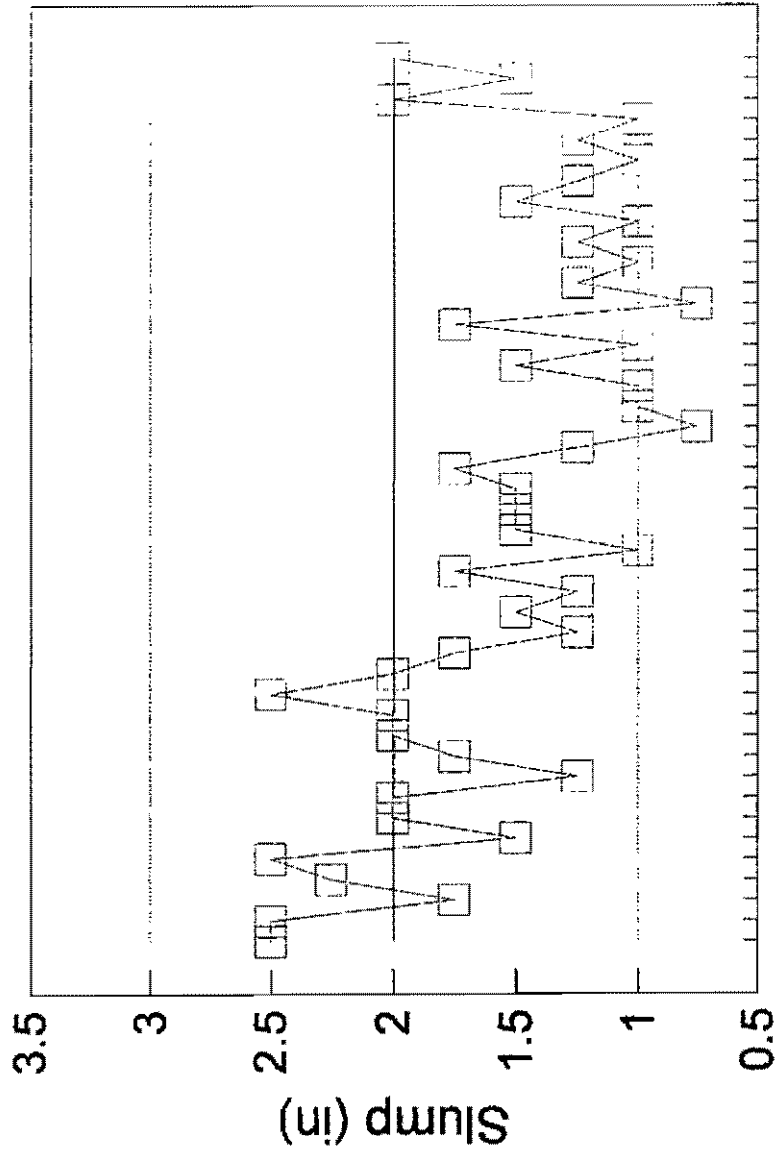
Signature of Contractor

HB Zachry Job 4744, Addison Airport West Taxiway

Preliminary Control Chart, P-501

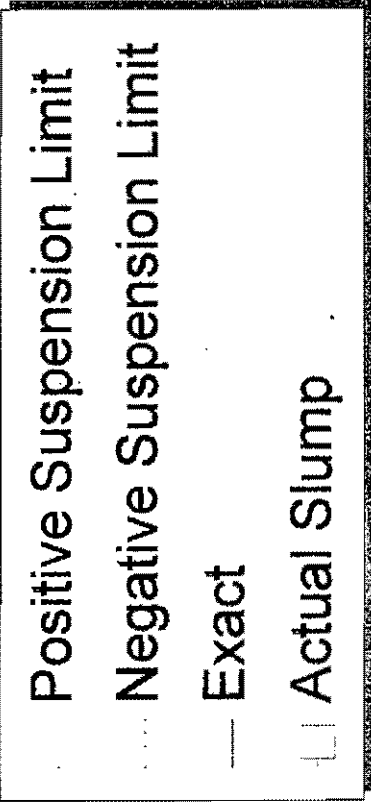
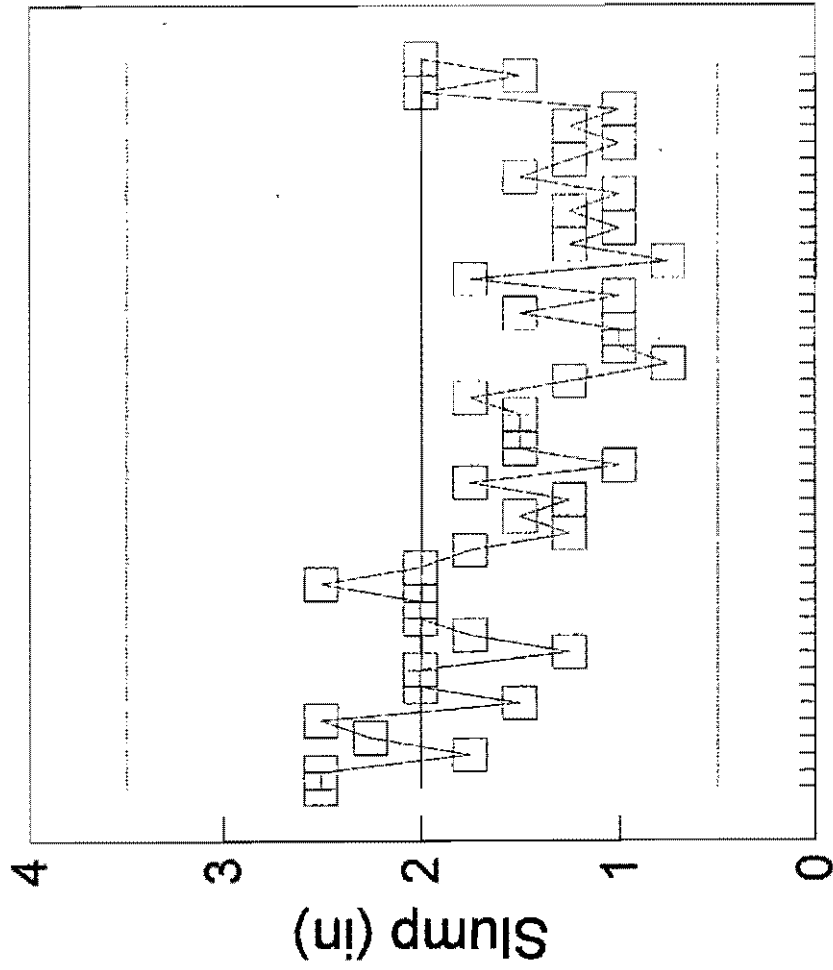
Placement Date	Temperature (F)	Slump (IN)	Air Content (%)
27-May-98	90	2.50	5.2%
27-May-98	90	2.50	5.2%
29-Jun-98	97	1.75	5.4%
29-Jun-98	97	2.25	5.0%
30-Jun-98	97	2.50	5.8%
01-Jul-98	92	1.50	5.2%
01-Jul-98	95	2.00	5.5%
07-Jul-98	95	2.00	5.0%
08-Jul-98	85	1.25	4.6%
08-Jul-98	85	1.75	4.8%
08-Jul-98	86	2.00	5.0%
09-Jul-98	80	2.00	4.5%
14-Jul-98	91	2.50	4.3%
14-Jul-98	82	2.00	5.0%
01-Sep-98	85	1.75	4.8%
01-Sep-98	83	1.25	4.6%
01-Sep-98	86	1.50	4.7%
01-Sep-98	89	1.25	4.9%
01-Sep-98	90	1.75	5.1%
01-Sep-98	94	1.00	4.6%
01-Sep-98	93	1.50	5.2%
02-Sep-98	82	1.50	4.3%
02-Sep-98	86	1.50	4.3%
02-Sep-98	81	1.75	5.6%
02-Sep-98	82	1.25	5.3%
02-Sep-98	89	0.75	3.8%
02-Sep-98	90	1.00	4.8%
02-Sep-98	91	1.00	4.3%
03-Sep-98	82	1.50	4.6%
08-Sep-98	86	1.00	4.1%
08-Sep-98	82	1.75	4.0%
08-Sep-98	83	0.75	3.8%
08-Sep-98	87	1.25	4.3%
08-Sep-98	89	1.00	4.1%
08-Sep-98	90	1.25	4.5%
08-Sep-98	92	1.00	4.2%
09-Sep-98	89	1.50	5.7%
09-Sep-98	85	1.25	5.1%
09-Sep-98	87	1.00	5.3%
09-Sep-98	83	1.25	4.7%
09-Sep-98	88	1.00	4.6%
09-Sep-98	86	2.00	4.5%
10-Sep-98	81	1.50	4.6%
11-Sep-98	82	2.00	4.9%
AVG	82.0	2.00	4.9%

Slump QAQC: Addison Taxiway Action Limit



Pour Number

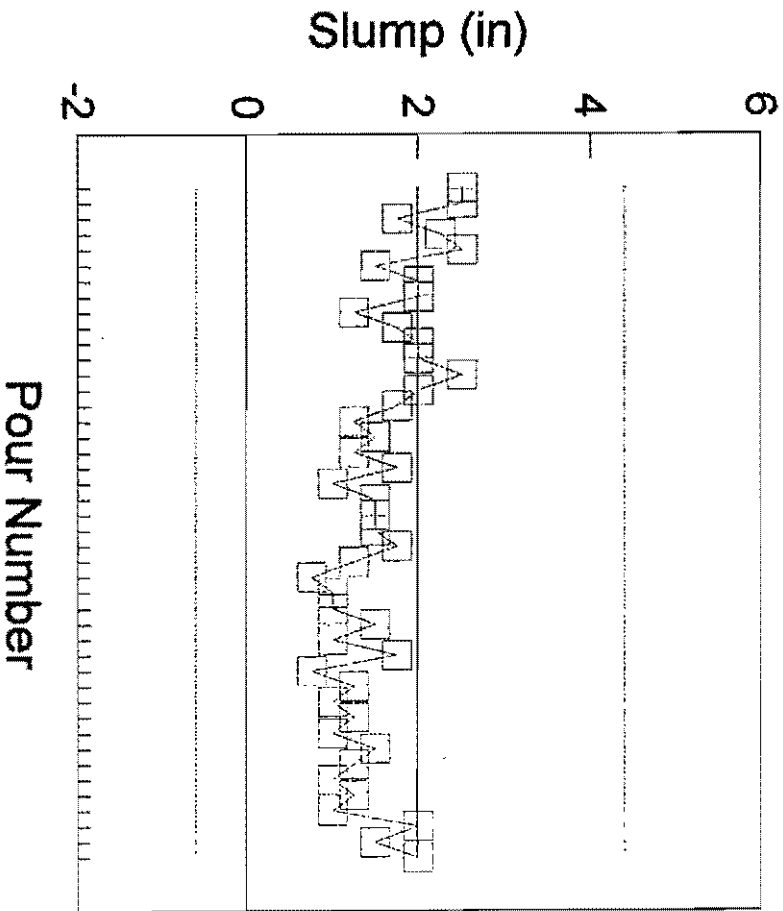
Slump QAQC: Addison Taxiway Suspension Limit



Pour Number

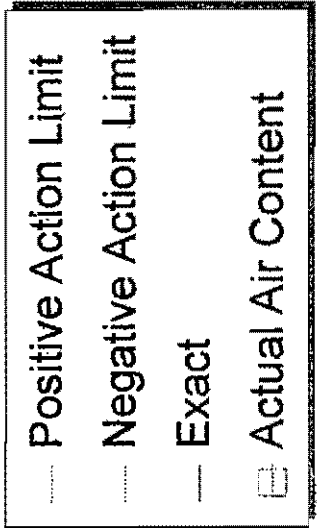
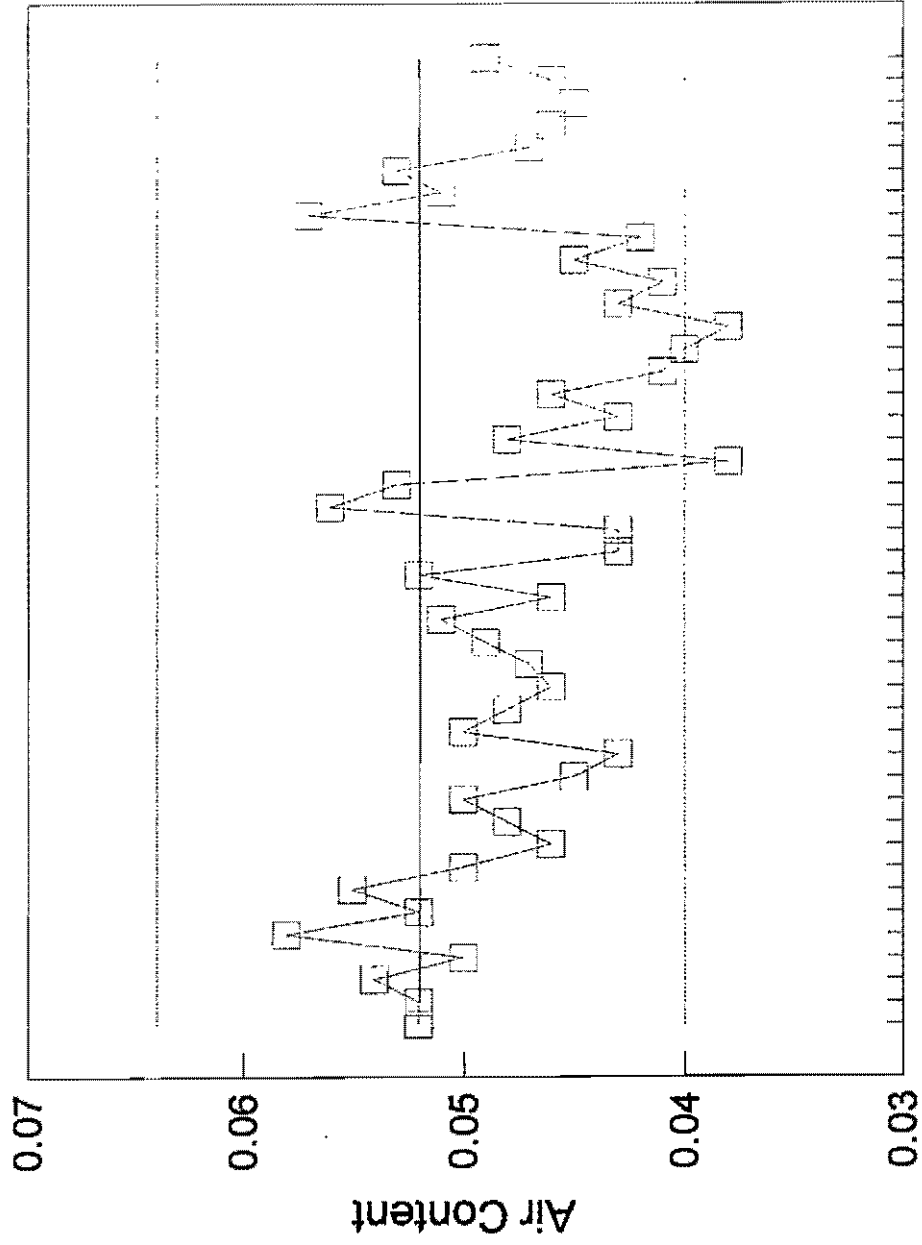
Slump QAQC: Addison Taxiway

Range Suspension Limit



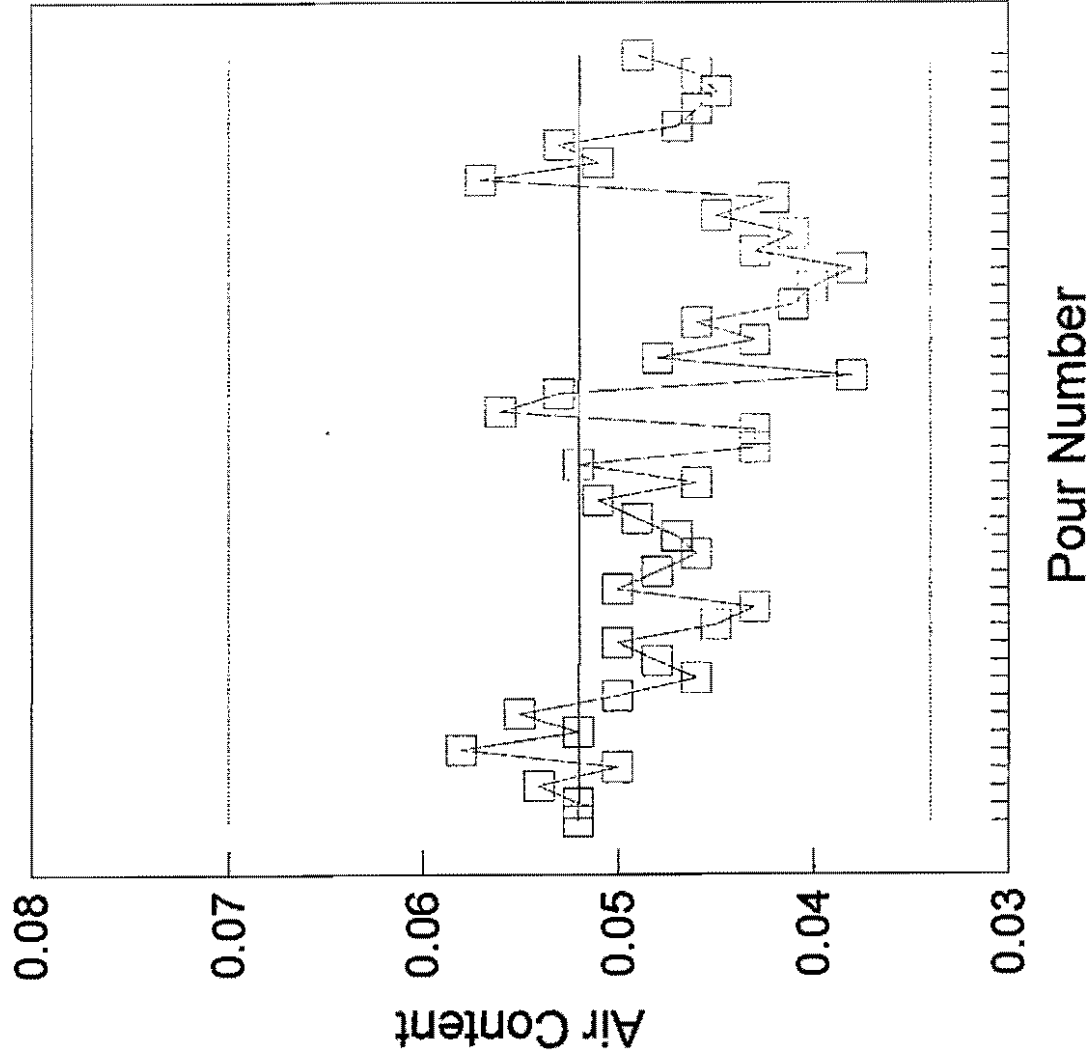
- Positive Range Suspension Limit
- Negative Range Suspension Limit
- Exact
- Actual Slump

Air Content QAQC: Addison Taxiway Action Limit

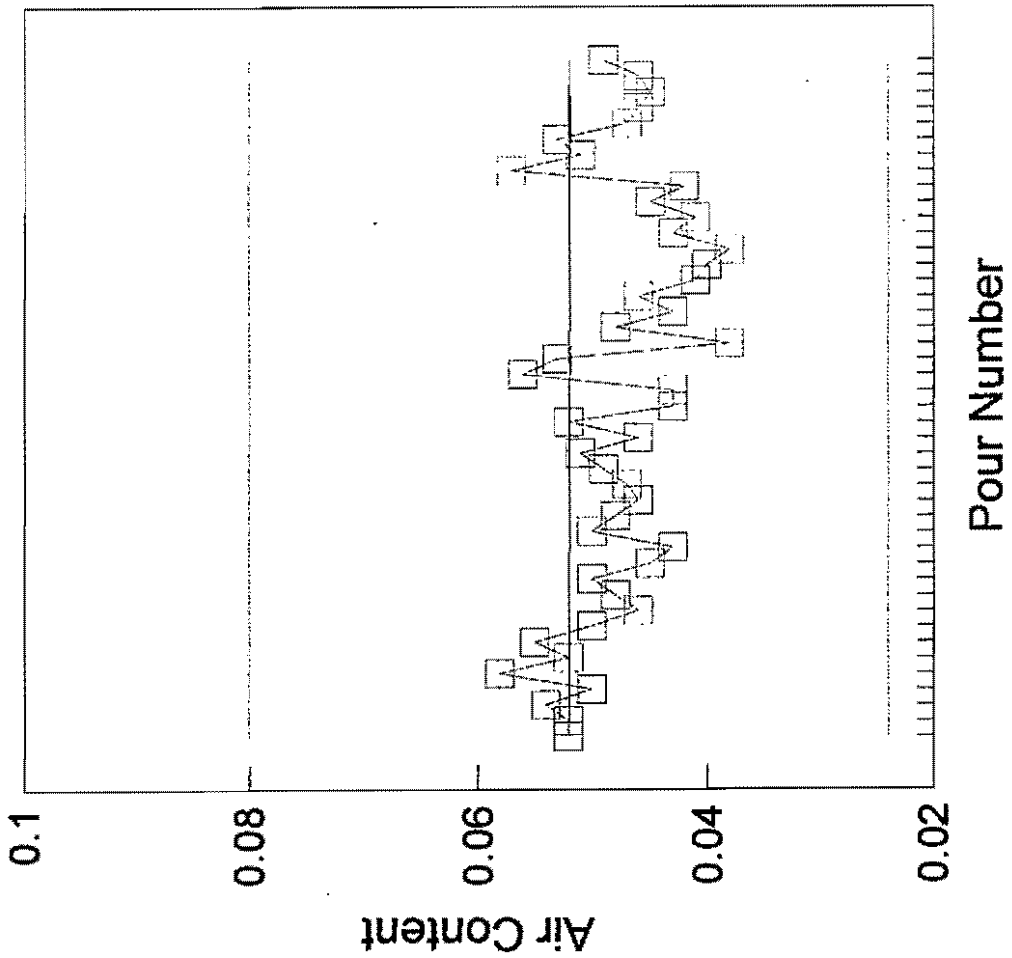


Pour Number

Air Content QAQC: Addison Taxiway Suspension Limit



Air Content QAQC: Addison Taxiway Range Suspension Limit



..... Positive Range Suspension Limit
— Exact
□ Actual Air Content

TERRA-MAR, INC.
GEOTECHNICAL ENVIRONMENTAL AND MATERIALS ENGINEERS
 DALLAS FORT WORTH HOUSTON AUSTIN LONGVIEW LUBBOCK
 11050 Ables Lane, Dallas, Texas 75229 Phone: 972-488-8800 Fax: 972-488-8080

DAILY ACTIVITY OBSERVATION REPORT

CLIENT:
PROJECT: Addison Turnway

REPORT DATE:
TMI REPORT #:

Date Made	Set #	Ticket #	Time Sampled	Conc. Temp	Air Content	Slump
9-1	1	1129974	4:00am	85°F	4.8	1.75"
	2	1120058	6:10am	83°F	4.6	1.25"
	3	1130281	8:30am	86°F	4.7	1.50"
	4	1130442	9:55am	89°F	4.9	1.25"
	5	1130557	10:50am	90°F	5.1	1.75"
	6	1130721	12:35pm	94°F	4.6	1.00"
	7	1130892	2:20pm	93°F	5.2	1.50"
9-2	1	1131151	4:10am	82°F	4.3	1.50"
	2	1131260	5:30am	86°F	4.3	1.50"
	3	1131397	7:10am	81°F	5.6	1.75"
	4	1131507	8:10am	82°F	5.3	1.25"
	5	1131590	9:30am	89°F	3.8	0.75"
	6	1131879	11:12am	90°F	4.8	1.00"
	7	1131966	12:10pm	91°F	4.3	1.00"
9-3	1	1132435	4:40am	82°F	4.6	1.50"
9-8	1	1134442	3:35am	86°F	4.1	1.00"
	2	1134481	5:05am	82°F	4.0	1.75"
	3	1134515	6:25am	83°F	3.8	0.75"
	4	1134697	8:38am	87°F	4.3	1.25"
	5	1134897	10:25am	89°F	4.1	1.0"
	6	1135048	12:20am	90°F	4.5	1.25"
	7	1135129	1:27pm	92°F	4.2	1.00"
9-9	1	1135366	3:48am	89°F	5.7	1.50" 1.50"
	2	1135513	5:25am	85°F	5.1	1.25"
	3	1135604	6:40am	87°F	5.3	1.00"
	4	1135882	9:15am	83°F	4.7	1.25"
	5	1136055	10:36am	88°F	4.6	1.00"

TERRA-MAR, INC.

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DAILY ACTIVITY OBSERVATION REPORT

CLIENT:
PROJECT:

REPORT DATE:
TMI REPORT #:

Date	Set #	Ticket #	Time	Concn	Air	Slump
sampled			Sampled	Temp	Content	
9-9	6	1136167	11:35am	86°F	4.5%	2.00"
9-10	1	1136676	4:50am	81°F	4.6%	1.50"
9-11	1	1137826	4:20am	82°F	4.9%	2.00"