

Poudre Valley Geotechnical Engineers

SUMMARY 1

9/7/07

Test Type: All

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

All ages of specimens

Number of Tests = 107

Specimen	Scheduled Test Date	Age	Load	Diameter	Area	Strength	Type of Fracture
1	3/7/2003	7	39800	4.00	12.57	3165	A
123-1-2-2	3/7/2003	7	120300	6.00	28.27	4250	2
123-1-2-3	3/28/2003	28	99999	6.00	28.27	3540	3
123-1-2-4	3/28/2003	28	121212	6.00	28.27	4290	4
123-1-2-5	3/28/2003	28	100000	6.00	28.27	3540	5
123-1-2-6	4/25/2003	56	141414	6.00	28.27	5000	6
123-1-2-7	4/25/2003	56	55555	6.70	35.26	1580	6
123-1-2-8	3/30/2003	30	123456	6.00	28.27	4370	6
123-1-4-1	3/7/2003	7	500	6.00	28.27	60	lab cure
123-1-4-2	3/7/2003	7	5300	6.00	28.27	660	lab cure
123-1-4-3	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-4	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-5	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-6	4/25/2003	56	7100	6.00	28.27	885	lab cure
123-1-5-1	3/7/2003	7	29500	3.00	9.00	3275	1/8" inc
123-1-5-2	3/7/2003	7	29000	3.00	9.00	3220	Shear fr
123-1-5-3	3/28/2003	28	31500	3.00	9.00	3500	conical
123-1-5-4	3/28/2003	28	55555	4.00	16.00	3470	voids on
123-1-5-5	4/25/2003	56	111111	4.00	16.00	6940	shear fr
123-1-5-6	4/25/2003	56	111111	4.00	16.00	6940	splittin
123-1-7-1	3/7/2003	7	11111	6.00	28.27	925	damp, no
123-1-7-2	3/7/2003	7	11111	6.00	28.27	925	damp, sh

Poudre Valley Geotechnical Engineers

SUMMARY 2

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project Number	Report Number	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Concrete Temp. F	Air Temp. °F	Strength psi	Type of Fracture
S91003-240	11	1	3/7/03	7	7.5	5.1	80	77	3165	A
S91003-240	1	123-1-2-2	3/7/03	7	5.5	2.3	82	54	4250	2
S91003-240	1	123-1-2-3	3/28/03	28	5.5	2.3	82	54	3540	3
S91003-240	1	123-1-2-4	3/28/03	28	5.5	2.3	82	54	4290	4
S91003-240	1	123-1-2-5	3/28/03	28	5.5	2.3	82	54	3540	5
S91003-240	1	123-1-2-6	4/25/03	56	5.5	2.3	82	54	5000	6
S91003-240	1	123-1-2-7	4/25/03	56	5.5	2.3	82	54	1580	6
S91003-240	1	123-1-2-8	3/30/03	30	5.5	2.3	82	54	4370	6
S91003-240	3	123-1-4-1	3/7/03	7	4	5	73	53	60	lab cure
S91003-240	3	123-1-4-2	3/7/03	7	4	5	73	53	660	lab cure
S91003-240	3	123-1-4-3	3/28/03	28	4	5	73	53	1540	lab cure
S91003-240	3	123-1-4-4	3/28/03	28	4	5	73	53	1540	lab cure
S91003-240	3	123-1-4-5	3/28/03	28	4	5	73	53	1540	lab cure
S91003-240	3	123-1-4-6	4/25/03	56	4	5	73	53	885	lab cure
S91003-240	5	123-1-5-1	3/7/03	7	5	6	74	54	3275	1/8" inc
S91003-240	5	123-1-5-2	3/7/03	7	5	6	74	54	3220	Shear fr
S91003-240	5	123-1-5-3	3/28/03	28	5	6	74	54	3500	conical
S91003-240	5	123-1-5-4	3/28/03	28	5	6	74	54	3470	voids on
S91003-240	5	123-1-5-5	4/25/03	56	5	6	74	54	6940	shear fr
S91003-240	5	123-1-5-6	4/25/03	56	5	6	74	54	6940	splittin
S91003-240	7	123-1-7-1	3/7/03	7	1	2	76	56	925	damp, no
S91003-240	7	123-1-7-2	3/7/03	7	1	2	76	56	925	damp, sh

Poudre Valley Geotechnical Engineers

SUMMARY 3

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project Number	Report Number	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Concrete Temp. F	Air Temp. °F	Diameter in.	Area sq. in.	Strength psi	Type of Fracture
S91003-240	11	1	3/7/2003	7	7.5	5.1	80	77	4.00	12.57	3165	A
S91003-240	1	123-1-2-2	3/7/2003	7	5.5	2.3	82	54	6.00	28.27	4250	2
S91003-240	1	123-1-2-3	3/28/2003	28	5.5	2.3	82	54	6.00	28.27	3540	3
S91003-240	1	123-1-2-4	3/28/2003	28	5.5	2.3	82	54	6.00	28.27	4290	4
S91003-240	1	123-1-2-5	3/28/2003	28	5.5	2.3	82	54	6.00	28.27	3540	5
S91003-240	1	123-1-2-6	4/25/2003	56	5.5	2.3	82	54	6.00	28.27	5000	6
S91003-240	1	123-1-2-7	4/25/2003	56	5.5	2.3	82	54	6.70	35.26	1580	6
S91003-240	1	123-1-2-8	3/30/2003	30	5.5	2.3	82	54	6.00	28.27	4370	6
S91003-240	3	123-1-4-1	3/7/2003	7	4	5	73	53	6.00	28.27	60	lab cure
S91003-240	3	123-1-4-2	3/7/2003	7	4	5	73	53	6.00	28.27	660	lab cure
S91003-240	3	123-1-4-3	3/28/2003	28	4	5	73	53	6.00	28.27	1540	lab cure
S91003-240	3	123-1-4-4	3/28/2003	28	4	5	73	53	6.00	28.27	1540	lab cure
S91003-240	3	123-1-4-5	3/28/2003	28	4	5	73	53	6.00	28.27	1540	lab cure
S91003-240	3	123-1-4-6	4/25/2003	56	4	5	73	53	6.00	28.27	885	lab cure
S91003-240	5	123-1-5-1	3/7/2003	7	5	6	74	54	3.00	9.00	3275	1/8" inc
S91003-240	5	123-1-5-2	3/7/2003	7	5	6	74	54	3.00	9.00	3220	Shear fr
S91003-240	5	123-1-5-3	3/28/2003	28	5	6	74	54	3.00	9.00	3500	conical
S91003-240	5	123-1-5-4	3/28/2003	28	5	6	74	54	4.00	16.00	3470	voids on

Poudre Valley Geotechnical Engineers

SUMMARY 4

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project/Report Number	Placement Date	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Concrete Temp. F	Air Temp. °F	Strength psi	Type of Fracture
S91003-24/ 11	2/28/2003	1	3/7/2003	7	7.5	5.1	80	77	3165	A
S91003-24/ 1	2/28/2003	123-1-2-2	3/7/2003	7	5.5	2.3	82	54	4250	2
S91003-24/ 1	2/28/2003	123-1-2-3	3/28/2003	28	5.5	2.3	82	54	3540	3
S91003-24/ 1	2/28/2003	123-1-2-4	3/28/2003	28	5.5	2.3	82	54	4290	4
S91003-24/ 1	2/28/2003	123-1-2-5	3/28/2003	28	5.5	2.3	82	54	3540	5
S91003-24/ 1	2/28/2003	123-1-2-6	4/25/2003	56	5.5	2.3	82	54	5000	6
S91003-24/ 1	2/28/2003	123-1-2-7	4/25/2003	56	5.5	2.3	82	54	1580	6
S91003-24/ 1	2/28/2003	123-1-2-8	3/30/2003	30	5.5	2.3	82	54	4370	6
S91003-24/ 3	2/28/2003	123-1-4-1	3/7/2003	7	4	5	73	53	60	lab cure
S91003-24/ 3	2/28/2003	123-1-4-2	3/7/2003	7	4	5	73	53	660	lab cure
S91003-24/ 3	2/28/2003	123-1-4-3	3/28/2003	28	4	5	73	53	1540	lab cure
S91003-24/ 3	2/28/2003	123-1-4-4	3/28/2003	28	4	5	73	53	1540	lab cure
S91003-24/ 3	2/28/2003	123-1-4-5	3/28/2003	28	4	5	73	53	1540	lab cure
S91003-24/ 3	2/28/2003	123-1-4-6	4/25/2003	56	4	5	73	53	885	lab cure
S91003-24/ 5	2/28/2003	123-1-5-1	3/7/2003	7	5	6	74	54	3275	1/8" inc
S91003-24/ 5	2/28/2003	123-1-5-2	3/7/2003	7	5	6	74	54	3220	Shear fr
S91003-24/ 5	2/28/2003	123-1-5-3	3/28/2003	28	5	6	74	54	3500	conical
S91003-24/ 5	2/28/2003	123-1-5-4	3/28/2003	28	5	6	74	54	3470	voids on
S91003-24/ 5	2/28/2003	123-1-5-5	4/25/2003	56	5	6	74	54	6940	shear fr
S91003-24/ 5	2/28/2003	123-1-5-6	4/25/2003	56	5	6	74	54	6940	splittin
S91003-24/ 7	2/28/2003	123-1-7-1	3/7/2003	7	1	2	76	56	925	damp, no
S91003-24/ 7	2/28/2003	123-1-7-2	3/7/2003	7	1	2	76	56	925	damp, sh

Poudre Valley Geotechnical Engineers

SUMMARY 5

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project Number	Report Number	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Diameter in.	Area sq. in.	Strength psi	Design Strength psi	Mix Number	Percent of Design
S91003-240	11	1	3/7/2003	7	7.5	5.1	4.00	12.57	3165		G1	
S91003-240	1	123-1-2-2	3/7/2003	7	5.5	2.3	6.00	28.27	4250	2000	3000-C	213%
S91003-240	1	123-1-2-3	3/28/2003	28	5.5	2.3	6.00	28.27	3540	4000	3000-C	89%
S91003-240	1	123-1-2-4	3/28/2003	28	5.5	2.3	6.00	28.27	4290	4000	3000-C	107%
S91003-240	1	123-1-2-5	3/28/2003	28	5.5	2.3	6.00	28.27	3540	4000	3000-C	89%
S91003-240	1	123-1-2-6	4/25/2003	56	5.5	2.3	6.00	28.27	5000	5000	3000-C	100%
S91003-240	1	123-1-2-7	4/25/2003	56	5.5	2.3	6.70	35.26	1580	5000	3000-C	32%
S91003-240	1	123-1-2-8	3/30/2003	30	5.5	2.3	6.00	28.27	4370	4000	3000-C	109%
S91003-240	3	123-1-4-1	3/7/2003	7	4	5	6.00	28.27	60	500	3000-B	12%
S91003-240	3	123-1-4-2	3/7/2003	7	4	5	6.00	28.27	660	500	3000-B	132%
S91003-240	3	123-1-4-3	3/28/2003	28	4	5	6.00	28.27	1540	800	3000-B	193%
S91003-240	3	123-1-4-4	3/28/2003	28	4	5	6.00	28.27	1540	800	3000-B	193%
S91003-240	3	123-1-4-5	3/28/2003	28	4	5	6.00	28.27	1540	800	3000-B	193%
S91003-240	3	123-1-4-6	4/25/2003	56	4	5	6.00	28.27	885		3000-B	
S91003-240	5	123-1-5-1	3/7/2003	7	5	6	3.00	9.00	3275	2000	3000-G	164%
S91003-240	5	123-1-5-2	3/7/2003	7	5	6	3.00	9.00	3220	2000	3000-G	161%
S91003-240	5	123-1-5-3	3/28/2003	28	5	6	3.00	9.00	3500	2500	3000-G	140%
S91003-240	5	123-1-5-4	3/28/2003	28	5	6	4.00	16.00	3470	2500	3000-G	139%

9/7/07

Date received between 02/01/2003 and 02/28/2003

Project Number	Date Submitted	Sample Type	Number of Specimens
S91003-24	2/28/2003	Grout prism - C 1019	6
S91003-24	2/28/2003	Mortar cube - C 109	6
S91003-24	2/28/2003	Sawed beam - C 78	6
S91003-24	2/28/2003	Sawed beam - C 293	7
S91003-24	2/28/2003	Cored cylinder	9
S91003-24	2/28/2003	Beam 1/3 - C 78	5
S91003-24	2/28/2003	Beam ctr - C 293	7
S91003-24	2/28/2003	Grout cube - C 942	5
S91003-24	2/28/2003	Mortar cylinder - C 780	6
S91003-24	2/28/2003	Grout cylinder - C 39	6
S91003-24	2/28/2003	Soil Cement - D4832	8
S91003-24	2/28/2003	Cast cylinder	4
S91003-24	2/28/2003	Cast cylinder	19

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

SPECIMEN LAB NO.	DATE TESTED	AGE	SPECIMEN TYPE
1	3/7/2003	7	Grout cylinder - C 39
123-1-2-2	3/7/2003	7	Cast cylinder
123-1-2-3	3/28/2003	28	Cast cylinder
123-1-2-4	3/28/2003	28	Cast cylinder
123-1-2-5	3/28/2003	28	Cast cylinder
123-1-2-6	4/25/2003	56	Cast cylinder
123-1-2-7	4/25/2003	56	Cast cylinder
123-1-2-8	3/30/2003	30	Cast cylinder
123-1-4-1	3/7/2003	7	Beam ctr - C 293
123-1-4-2	3/7/2003	7	Beam ctr - C 293
123-1-4-3	3/28/2003	28	Beam ctr - C 293
123-1-4-4	3/28/2003	28	Beam ctr - C 293
123-1-4-5	3/28/2003	28	Beam ctr - C 293
123-1-4-6	4/25/2003	56	Beam ctr - C 293
123-1-5-1	3/7/2003	7	Grout prism - C 1019
123-1-5-2	3/7/2003	7	Grout prism - C 1019
123-1-5-3	3/28/2003	28	Grout prism - C 1019
123-1-5-4	3/28/2003	28	Grout prism - C 1019
123-1-5-5	4/25/2003	56	Grout prism - C 1019
123-1-5-6	4/25/2003	56	Grout prism - C 1019
123-1-7-1	3/7/2003	7	Sawed beam - C 78
123-1-7-2	3/7/2003	7	Sawed beam - C 78

Poudre Valley Geotechnical Engineers

SUMMARY 9

9/7/07

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

Project Number	Report Number	Date Placed	Sample Type	Number of Specimens
ABC999	1	2/28/2003	Cast cylinder	2
S91003-240	1	2/28/2003	Cast cylinder	8
S91003-240	2	2/28/2003	Beam 1/3 - C 78	5
S91003-240	3	2/28/2003	Beam ctr - C 293	7
S91003-240	4	2/28/2003	Mortar cube - C 109	6
S91003-240	5	2/28/2003	Grout prism - C 1019	6
S91003-240	6	2/28/2003	Cored cylinder	9
S91003-240	7	2/28/2003	Sawed beam - C 78	6
S91003-240	8	2/28/2003	Sawed beam - C 293	7
S91003-240	9	2/28/2003	Grout cube - C 942	5
S91003-240	10	2/28/2003	Mortar cylinder - C 780	6
S91003-240	11	2/28/2003	Grout cylinder - C 39	6
S91003-240	12	2/28/2003	Masonry block prism - C 1314	5
S91003-240	16	2/28/2003	Cast cylinder	4
S91003-240	18	2/28/2003	Cast cylinder	19
S91003-240	19	2/28/2003	Cast cylinder	15
S91003-240	20	2/28/2003	Cast cylinder	4
S91003-240	56	2/28/2003	Cast cylinder	1
S91003-240	57	2/28/2003	Grout prism - C 1019	1

Poudre Valley Geotechnical Engineers

SUMMARY 10

9/7/07

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

Project Number	Date Placed	Report Number	Sample Type	Number of Specimens
S91003-2400	2/28/2003	1	Cast cylinder	8
S91003-2400	2/28/2003	5	Grout prism - C 1019	6
S91003-2400	2/28/2003	4	Mortar cube - C 109	6
S91003-2400	2/28/2003	7	Sawed beam - C 78	6
S91003-2400	2/28/2003	8	Sawed beam - C 293	7
S91003-2400	2/28/2003	6	Cored cylinder	9
S91003-2400	2/28/2003	2	Beam 1/3 - C 78	5
S91003-2400	2/28/2003	3	Beam ctr - C 293	7
S91003-2400	2/28/2003	9	Grout cube - C 942	5
S91003-2400	2/28/2003	10	Mortar cylinder - C 780	6
S91003-2400	2/28/2003	11	Grout cylinder - C 39	6
S91003-2400	2/28/2003	12	sonry block prism - C 1314	5
S91003-2400	2/28/2003	16	Cast cylinder	4
S91003-2400	2/28/2003	18	Cast cylinder	19
S91003-2400	2/28/2003	19	Cast cylinder	15
S91003-2400	2/28/2003	20	Cast cylinder	4
S91003-2400	2/28/2003	56	Cast cylinder	1
ABC999	2/28/2003	1	Cast cylinder	2
S91003-2400	2/28/2003	57	Grout prism - C 1019	1

Poudre Valley Geotechnical Engineers - Invoicing report

9/7/07

Test Type: All

Date broken starting date is: 02/01/2003

Date broken ending date is: 02/28/2003

All ages of specimens

Number of Reports = 2

SUMMARY 14

Project Number	Number of Reports	Cast Cyl		Beam Third		Beam Center		Mortar Cube		Grout Prism		Cored Cyl		Grout Cube		Mortar Cyl		Grout Cyl		Masonry Block Prism		Masonry Block		Soil Cement		
		N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	
S91003-2400	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Key: N-Normal specimen H-Hold specimen that is 28 days old in the date range specified

CONCRETE SPECIMEN STRIP SHEET
9/7/07

SUMMARY 16

Test Type: All

Date received starting date is: 03/01/2003

Date received ending date is: 03/31/2003

All ages of specimens

Number of specimens to be stripped = 12

Specimen I.D. Number	Project Number	Set Number	Date Placed	Age	Scheduled Test Date	Project	Type of Test	Curing Method
123-1-2-2	S91003-2400	1	2/28/2003	7	3/7/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-3	S91003-2400	1	2/28/2003	28	3/28/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-4	S91003-2400	1	2/28/2003	28	3/28/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-5	S91003-2400	1	2/28/2003	28	3/28/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-6	S91003-2400	1	2/28/2003	56	4/25/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-7	S91003-2400	1	2/28/2003	56	4/25/2003	Fort Collins Zoo	Cast cylin	CYL
123-1-2-8	S91003-2400	1	2/28/2003	30	3/30/2003	Fort Collins Zoo	Cast cylin	CYL
4	S91003-2400	12	2/28/2003	7	3/7/2003	Fort Collins Zoo	Masonry bl	1.15
5	S91003-2400	12	2/28/2003	28	3/28/2003	Fort Collins Zoo	Masonry bl	1.
6	S91003-2400	12	2/28/2003	28	3/28/2003	Fort Collins Zoo	Masonry bl	1.011
7	S91003-2400	12	2/28/2003	50	4/19/2003	Fort Collins Zoo	Masonry bl	1.
8	S91003-2400	12	2/28/2003	7	3/7/2003	Fort Collins Zoo	Masonry bl	

**** All Star Geotech ****

8/29/06

Test Type: All
Date placed starting date is: 02/01/2003
Date placed ending date is: 02/28/2003
All ages of specimens
Number of Tests = 109

Set Number	Specimen	Sample Date	Sample Location
1	123-1-2-3	2/28/2003	Lot A-3-1, plains regions animal habitat
1	123-1-2-4	2/28/2003	Lot A-3-1, plains regions animal habitat
1	123-1-2-5	2/28/2003	Lot A-3-1, plains regions animal habitat
1	123-1-2-6	2/28/2003	Lot A-3-1, plains regions animal habitat
1	123-1-2-7	2/28/2003	Lot A-3-1, plains regions animal habitat
1	123-1-2-9	2/28/2003	Lot A-3-1, plains regions animal habitat
10	123-1-8-12	2/28/2003	Monkey Igloo
10	123-1-8-13	2/28/2003	Monkey Igloo
10	123-1-8-14	2/28/2003	Monkey Igloo
10	123-1-8-16	2/28/2003	Monkey Igloo
11	1	2/28/2003	West wall first 3 rows fill grout
11	3	2/28/2003	West wall first 3 rows fill grout
11	4	2/28/2003	West wall first 3 rows fill grout
11	5	2/28/2003	West wall first 3 rows fill grout
11	6	2/28/2003	West wall first 3 rows fill grout
11	7	2/28/2003	West wall first 3 rows fill grout
12	4	2/28/2003	Prism Location
12	5	2/28/2003	Prism Location
12	6	2/28/2003	Prism Location
12	7	2/28/2003	Prism Location
16	123	2/28/2003	pipeline from point A to point B carrying commodity X f
16	124	2/28/2003	pipeline from point A to point B carrying commodity X f

**** All Star Geotech ******SUMMARY 19****8/29/06**

Test Type: All

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

All ages of specimens

Number of Tests = 109

Project Number	Report Number	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Diameter in.	Area sq. in.	Strength psi	Design Strength psi	Mix Number	Percent of Design
S91003-2400	1	123-1-2-3	3/7/2003	7	5.5	2.3	6.00	28.27	3465	2000	3000-C	173%
S91003-2400	1	123-1-2-4	3/7/2003	7	5.5	2.3	6.00	28.27	4255	2000	3000-C	213%
S91003-2400	1	123-1-2-5	3/28/2003	28	5.5	2.3	6.00	28.27	4365	4000	3000-C	109%
S91003-2400	1	123-1-2-6	3/28/2003	28	5.5	2.3	6.00	28.27	4285	4000	3000-C	107%
S91003-2400	1	123-1-2-7	3/28/2003	28	5.5	2.3	6.00	28.27	4640	4000	3000-C	116%
S91003-2400	1	123-1-2-9		hold	5.5	2.3					3000-C	
S91003-2400	10	123-1-8-1	3/7/2003	7	123	4.4	3.00	7.07	640		MD-1	
S91003-2400	10	123-1-8-1	3/7/2003	7	123	4.4	3.00	7.07	910		MD-1	
S91003-2400	10	123-1-8-1	3/28/2003	28	123	4.4			1425	1500	MD-1	95%
S91003-2400	10	123-1-8-1	3/28/2003	28	123	4.4			1555	1500	MD-1	104%
S91003-2400	11	1	3/7/2003	7	7.5	5.1	4.00	12.57	3170		G1	
S91003-2400	11	3	3/28/2003	28	7.5	5.1	4.00	12.57			G1	
S91003-2400	11	4	3/28/2003	28	7.5	5.1	4.00		3865		G1	
S91003-2400	11	5	3/28/2003	28	7.5	5.1	4.00	13.00	9500		G1	
S91003-2400	11	6	3/2/2003	2	7.5	5.1	3.00	5.00	13330		G1	
S91003-2400	11	7	3/7/2003	7	7.5	5.1	5.00	7.00	12700		G1	
S91003-2400	12	4	3/7/2003	7	3.5	35	4.00	8.00	1770			4
S91003-2400	12	5	3/28/2003	28	3.5	35			2010	1500		2

**** All Star Geotech ******SUMMARY 20****8/29/06**

Test Type: All

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

All ages of specimens

Monthly Billing Report for S91003-2400

SPECIMEN LAB NO.	DATE TESTED	AGE	SPECIMEN TYPE	STRENGTH	TEST SPEC. MADE BY
123-1-2-3	3/7/2003	7	Cast cylinder	3465	Harvey
123-1-2-4	3/7/2003	7	Cast cylinder	4255	Harvey
123-1-2-5	3/28/2003	28	Cast cylinder	4365	Harvey
123-1-2-6	3/28/2003	28	Cast cylinder	4285	Harvey
123-1-2-7	3/28/2003	28	Cast cylinder	4640	Harvey
123-1-2-9		hold	Cast cylinder		Harvey
123-1-8-12	3/7/2003	7	Mortar cylinder - C 780	640	Sam Pu
123-1-8-13	3/7/2003	7	Mortar cylinder - C 780	910	Sam Pu
123-1-8-14	3/28/2003	28	Mortar cylinder - C 780	1425	Sam Pu
123-1-8-16	3/28/2003	28	Mortar cylinder - C 780	1555	Sam Pu
1	3/7/2003	7	Grout cylinder - C 39	3170	Shirle
3	3/28/2003	28	Grout cylinder - C 39		Shirle
4	3/28/2003	28	Grout cylinder - C 39	3865	Shirle
5	3/28/2003	28	Grout cylinder - C 39	9500	Shirle
6	3/2/2003	2	Grout cylinder - C 39	13330	Shirle
7	3/7/2003	7	Grout cylinder - C 39	12700	Shirle
4	3/7/2003	7	Masonry block prism - C 1314	1770	Dan D.
5	3/28/2003	28	Masonry block prism - C 1314	2010	Dan D.
6	3/28/2003	28	Masonry block prism - C 1314	2220	Dan D.
7	3/28/2003	28	Masonry block prism - C 1314	2280	Dan D.

**** All Star Geotech ****

8/29/06

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

Project Number	Report Number	Date Placed	Sample Type	Number of Specimens	Average Strength
S91003-240	1	2/28/2003	Cast cylinder	6	4430
S91003-240	2	2/28/2003	Beam 1/3 - C 78	7	1820
S91003-240	3	2/28/2003	Beam ctr - C 293	6	1540
S91003-240	4	2/28/2003	Mortar cube - C 109	6	2900
S91003-240	5	2/28/2003	Grout prism - C 1019	7	3795
S91003-240	6	2/28/2003	Cored cylinder	8	3020
S91003-240	7	2/28/2003	Sawed beam - C 78	6	875
S91003-240	8	2/28/2003	Sawed beam - C 293	7	1390
S91003-240	9	2/28/2003	Grout cube - C 942	10	5065
S91003-240	10	2/28/2003	Mortar cylinder - C 780	4	
S91003-240	11	2/28/2003	Grout cylinder - C 39	6	
S91003-240	12	2/28/2003	Masonry block prism - C 1314	5	2170
S91003-240	16	2/28/2003	Cast cylinder	10	
S91003-240	18	2/28/2003	Cast cylinder	13	2050
S91003-240	19	2/28/2003	Cast cylinder	15	8220

**** All Star Geotech ****

8/29/06

SUMMARY 22

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

Report Number	Date of Pour	Location	Design Strength	Slump	Conc. Temp.	7 Day Average Strength	28 Day Average Strength	56 Day Average Strength	84 Day Average Strength
3	2/28/2003	Caisson inaccessible,	3000	4	73	670	1540	885	
5	2/28/2003	Plans & Spec 1	2500	5	74	3333	3797		
4	2/28/2003	Caisson inaccessible,	1500	6 sec	75	2435	2903	2793	
7	2/28/2003	Caisson inaccessible,	3000	1	76	925	873	925	
8	2/28/2003	Caisson inaccessible,	3000	2	77	1390	1390	1390	
6	2/28/2003	Caisson inaccessible,	4000	3	78	4370	3017	2590	
2	2/28/2003	Caisson inaccessible,	3000	5	70	545	1822	1000	
1	2/28/2003	10/27/2003	4000	5.5	82	3860	4430		
9	2/28/2003		3000	1	3	3875	5065		
10	2/28/2003		1500	123	77	775	1490		
11	2/28/2003	PL1	3000	7.5	80	7935	4455		
12	2/28/2003	Cinder block	1500	3.5		1770	2170		
16	2/28/2003	hollow cinder block	4000	1.5	1.5	4148		11608	15538
18	2/28/2003		4000	7.5	9.5	7908	2050		15538
19	2/28/2003		7000	1.5	1.5	5193	5478	9695	15538

**** All Star Geotech ****

8/29/06

SUMMARY 23

Test Type: All

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

All ages of specimens

Number of Tests = 109

Project Number	Report Number	Mix Number	Specimen	Scheduled Test Date	Age	Slump in.	Air Content %	Yield	Strength psi	Design Strength psi	Percent of Design
S91003-2400	1	3000-C	123-1-2-3	3/7/2003	7	5.5	2.3	msot	3465	2000	173%
S91003-2400	1	3000-C	123-1-2-4	3/7/2003	7	5.5	2.3	msot	4255	2000	213%
S91003-2400	1	3000-C	123-1-2-5	3/28/2003	28	5.5	2.3	msot	4365	4000	109%
S91003-2400	1	3000-C	123-1-2-6	3/28/2003	28	5.5	2.3	msot	4285	4000	107%
S91003-2400	1	3000-C	123-1-2-7	3/28/2003	28	5.5	2.3	msot	4640	4000	116%
S91003-2400	1	3000-C	123-1-2-9		hold	5.5	2.3	msot			
S91003-2400	10	MD-1	123-1-8-1	3/7/2003	7	123	4.4		640		
S91003-2400	10	MD-1	123-1-8-1	3/7/2003	7	123	4.4		910		
S91003-2400	10	MD-1	123-1-8-1	3/28/2003	28	123	4.4		1425	1500	95%
S91003-2400	10	MD-1	123-1-8-1	3/28/2003	28	123	4.4		1555	1500	104%
S91003-2400	11	G1	1	3/7/2003	7	7.5	5.1	333.00	3170		
S91003-2400	11	G1	3	3/28/2003	28	7.5	5.1	333.00			
S91003-2400	11	G1	4	3/28/2003	28	7.5	5.1	333.00	3865		
S91003-2400	11	G1	5	3/28/2003	28	7.5	5.1	333.00	9500		
S91003-2400	11	G1	6	3/2/2003	2	7.5	5.1	333.00	13330		
S91003-2400	11	G1	7	3/7/2003	7	7.5	5.1	333.00	12700		
S91003-2400	12		4	3/7/2003	7	3.5	35		1770		4
S91003-2400	12		5	3/28/2003	28	3.5	35		2010	1500	2

**** All Star Geotech ****

8/29/06

SUMMARY 24

Test Type: All

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

All ages of specimens

Monthly Billing Report for S91003-2400

SPECIMEN LAB NO.	DATE TESTED	AGE	SPECIMEN TYPE	STR.	REQ. STR.	SAMPLE LOCATION
123-1-2-3	3/7/2003	7	Cast cylinder	3465	2000	Lot A-3-1, plains regions animal
123-1-2-4	3/7/2003	7	Cast cylinder	4255	2000	Lot A-3-1, plains regions animal
123-1-2-5	3/28/2003	28	Cast cylinder	4365	4000	Lot A-3-1, plains regions animal
123-1-2-6	3/28/2003	28	Cast cylinder	4285	4000	Lot A-3-1, plains regions animal
123-1-2-7	3/28/2003	28	Cast cylinder	4640	4000	Lot A-3-1, plains regions animal
123-1-2-9		hold	Cast cylinder			Lot A-3-1, plains regions animal
123-1-8-12	3/7/2003	7	Mortar cylinder - C 780	640		
123-1-8-13	3/7/2003	7	Mortar cylinder - C 780	910		
123-1-8-14	3/28/2003	28	Mortar cylinder - C 780	1425	1500	
123-1-8-16	3/28/2003	28	Mortar cylinder - C 780	1555	1500	
1	3/7/2003	7	Grout cylinder - C 39	3170		
3	3/28/2003	28	Grout cylinder - C 39			
4	3/28/2003	28	Grout cylinder - C 39	3865		
5	3/28/2003	28	Grout cylinder - C 39	9500		
6	3/2/2003	2	Grout cylinder - C 39	13330		

CONCRETE STRENGTH TEST SUMMARY

8/29/06

SUMMARY 25

Test Type: All
 Date broken starting date is: 02/01/2003
 Date broken ending date is: 03/28/2003
 All ages of specimens
 Number of Tests = 81

Placement Date	Report Number	Specimen	Slump in.	Air Content %	Concrete Temp	Location	Scheduled Test Date	Age	Design Strength psi	Strength psi	Percent of Design
2/28/03	1	123-1-2-3	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/7/03	7	2000	3465	173%
2/28/03	1	123-1-2-4	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/7/03	7	2000	4255	213%
2/28/03	1	123-1-2-5	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4365	109%
2/28/03	1	123-1-2-6	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4285	107%
2/28/03	1	123-1-2-7	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4640	116%
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/7/03	7		640	
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/7/03	7		910	
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/28/03	28	1500	1425	95%
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/28/03	28	1500	1555	104%
2/28/03	11	1	7.5	5.1	80	West wall first 3 rows fill grout	3/7/03	7		3170	
2/28/03	11	3	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28			
2/28/03	11	4	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28		3865	
2/28/03	11	5	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28		9500	
2/28/03	11	6	7.5	5.1	80	West wall first 3 rows fill grout	3/2/03	2		13330	
2/28/03	11	7	7.5	5.1	80	West wall first 3 rows fill grout	3/7/03	7		12700	
2/28/03	12	4	3.5	35		Prism Location	3/7/03	7		1770	4
2/28/03	12	5	3.5	35		Prism Location	3/28/03	28	1500	2010	2

**** All Star Geotech ****

8/29/06

Fort Collins Zoo - Primate Habitat 1

S91003-2400

02/01/2003 - 02/28/2003

Report No,	Ticket No.	Amb. Temp (F)	Conc. Temp (F)	Time Batched	Time Sampled	Weather	Plant/Truck	Air (%)	Slump (inch)	Water Added (G)
1	8342	54	82	10:15 AM	3:45 AM		103	2.3	5.5	12
10		88	77	9:45 AM				4.4	123	
11	10672	77	80	7:42a			341	5.1	7.5	10
12				2/27/03	4	std block	TK Number	35	3.5	Aj
16	33	95	1.5	1800	1800		22	1.5	1.5	20
18	33	95	9.5	8:00 am	9:33 am		22	8.5	7.5	20
19	33	95	1.5	8:00 am	9:33 am		22	1.5	1.5	20
2	8342	50	70	10:15 AM	10:42 AM		103	6	5	12
3	8342	53	73	10:15 AM	10:42 AM		103	5	4	12
4	8342	55	75	10:15 AM	10:42 AM	wonderful	103	1	6 sec	12
5	8342	54	74	10:15 AM	10:42 AM	Weather	341	6	5	12
6	8342	58	78	10:15 AM	10:42 AM		103	4	3	12
7	8342	56	76	10:15 AM	10:42 AM		103	2	1	12
8	8342	57	77	10:15 AM	10:42 AM		103	3	2	12
9		70	3	8:30 am				2	1	

Total Specimens: 116

8/29/06

Fort Collins Zoo - Primate Habitat 1

S91003-2400

02/01/2003 - 02/28/2003

Report No,	Location	Remarks	Contractor	Mix ID	Concrete Supplier
1	Lot A-3-1, plains regions animal habitat burrowing rodent section	first cage broke setting, used another	gering Inter	3000-C	AJ-Mix
2	Pachyderm paddock 1999-123-2/9-11-99/3	All beams were cast in 24" long molds	(GSA-01)	3000-B	ow Creek Ready-
3	Caisson A-3-4 1999-123-1/9-11-99/4	All beams cast in 6"x6"x24" molds		3000-B	ow Creek Ready-
4	Caisson A-3-6 1999-123-1/9-11-99/6	Note that part of this load was used to finish	(GSA-01)	3000-M	and River Ready
5	West wall first 3 rows fill grout Loc2Loc2	Note that part of this load was used to finish	SubSubSubSub	3000-G	
6	Caisson A-3-14567890123456789012345678941234567895123456789* 1999-123-2/9-11-99/1	core taken at center of caisson		3000-C	AJ-Mix
7	Caisson A-3-7 1999-123-1/9-11-99/7	All beams were sawed in 30" x 8" sections		3000-B	ow Creek Ready-
8	Caisson A-3-8 1999-123-1/9-11-99/8	All beams were sawed in 30" x 8" sections		3000-B	ow Creek Ready-
9	Monkey platform jfaskl fdjk asl; fdas fuioqpw ruiogp	Note that part of this load was used to finish	BPN	BM-3	on site mix
10	Monkey Igloo	Note that part of this load was used to finish	BPN	MD-1	mixed on site
11	West wall first 3 rows fill grout jfakl jfaskl fjfskdal fkla; jaskl;	Note that part of this load was used to finish		G1	nd Creek Concre
12	Prism Location More Prism Location	Prism located behind Cage Construction	me of the su		Ajax Materials
16	peline from point A to point B carrying commodity X for Y do	Shrinkage test result pending		3000-C	ockbuster Block
18	pipeline	Shrinkage test result pending		3000-C	ockbuster Block
19	pipeline	Shrinkage test result pending		3000-C	ockbuster Block

**** All Star Geotech ****

8/29/06

Test Type: All
 Date broken starting date is: 02/01/2003
 Date broken ending date is: 03/28/2003
 All ages of specimens
 Monthly Billing Report for S91003-2400

SPECIMEN LAB NO.	DATE PLACED	AGE	SPECIMEN TYPE	STRENGTH	REQ. STR.
123-1-2-3	2/28/2003	7	Cast cylinder	3465	2000
123-1-2-4	2/28/2003	7	Cast cylinder	4255	2000
123-1-2-5	2/28/2003	28	Cast cylinder	4365	4000
123-1-2-6	2/28/2003	28	Cast cylinder	4285	4000
123-1-2-7	2/28/2003	28	Cast cylinder	4640	4000
123-1-2-9	2/28/2003	hold	Cast cylinder		
123-1-8-12	2/28/2003	7	Mortar cylinder - C 780	640	
123-1-8-13	2/28/2003	7	Mortar cylinder - C 780	910	
123-1-8-14	2/28/2003	28	Mortar cylinder - C 780	1425	1500
123-1-8-16	2/28/2003	28	Mortar cylinder - C 780	1555	1500
1	2/28/2003	7	Grout cylinder - C 39	3170	
3	2/28/2003	28	Grout cylinder - C 39		
4	2/28/2003	28	Grout cylinder - C 39	3865	
5	2/28/2003	28	Grout cylinder - C 39	9500	
6	2/28/2003	2	Grout cylinder - C 39	13330	
7	2/28/2003	7	Grout cylinder - C 39	12700	
4	2/28/2003	7	Masonry block prism - C 1314	1770	
5	2/28/2003	28	Masonry block prism - C 1314	2010	1500
6	2/28/2003	28	Masonry block prism - C 1314	2220	1500
7	2/28/2003	28	Masonry block prism - C 1314	2280	1500

CONCRETE STRENGTH TEST SUMMARY

SUMMARY 31

8/29/06

Test Type: All

Date broken starting date is: 02/01/2003

Date broken ending date is: 03/28/2003

All ages of specimens

Number of Tests = 81

Placement Date	Report Number	Specimen	Slump in.	Air Content %	Concrete Temp	Location	Scheduled Test Date	Age	28 Day Design Strength, psi	Strength psi	Percent of 28 Day Design
2/28/03	1	123-1-2-3	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/7/03	7	4000	3465	86.6
2/28/03	1	123-1-2-4	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/7/03	7	4000	4255	106.4
2/28/03	1	123-1-2-5	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4365	109.1
2/28/03	1	123-1-2-6	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4285	107.1
2/28/03	1	123-1-2-7	5.5	2.3	82	Lot A-3-1, plains regions animal habitat	3/28/03	28	4000	4640	116.0
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/7/03	7	1500	640	42.7
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/7/03	7	1500	910	60.7
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/28/03	28	1500	1425	95.0
2/28/03	10	123-1-8-1	123	4.4	77	Monkey Igloo	3/28/03	28	1500	1555	103.7
2/28/03	11	1	7.5	5.1	80	West wall first 3 rows fill grout	3/7/03	7	3000	3170	105.7
2/28/03	11	3	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28	3000		.0
2/28/03	11	4	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28	3000	3865	128.8
2/28/03	11	5	7.5	5.1	80	West wall first 3 rows fill grout	3/28/03	28	3000	9500	316.7
2/28/03	11	6	7.5	5.1	80	West wall first 3 rows fill grout	3/2/03	2	3000	13330	444.3
2/28/03	11	7	7.5	5.1	80	West wall first 3 rows fill grout	3/7/03	7	3000	12700	423.3
2/28/03	12	4	3.5	35		Prism Location	3/7/03	7	1500	1770	118.0
2/28/03	12	5	3.5	35		Prism Location	3/28/03	28	1500	2010	134.0

**** All Star Geotech ****

Poudre Valley Geotechnical Engineers

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project Number	Report Number	Specimen	Age	Location	Slump in.	Air Content %	Diameter in.	Area sq. in.	Strength psi	Design Strength psi	Percent of Design
S91003-240	11	1	7	West wall first 3 rows fill	7.5	5.1	4.00	12.57	3165		
S91003-240	1	123-1-2	7	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	4250	2000	213%
S91003-240	1	123-1-2	28	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	3540	4000	89%
S91003-240	1	123-1-2	28	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	4290	4000	107%
S91003-240	1	123-1-2	28	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	3540	4000	89%
S91003-240	1	123-1-2	56	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	5000	5000	100%
S91003-240	1	123-1-2	56	Lot A-3-1, plains regions an	5.5	2.3	6.70	35.26	1580	5000	32%
S91003-240	1	123-1-2	30	Lot A-3-1, plains regions an	5.5	2.3	6.00	28.27	4370	4000	109%
S91003-240	3	123-1-4	7	Caisson A-3-4	4	5	6.00	28.27	60	500	12%
S91003-240	3	123-1-4	7	Caisson A-3-4	4	5	6.00	28.27	660	500	132%
S91003-240	3	123-1-4	28	Caisson A-3-4	4	5	6.00	28.27	1540	800	193%
S91003-240	3	123-1-4	28	Caisson A-3-4	4	5	6.00	28.27	1540	800	193%
S91003-240	3	123-1-4	28	Caisson A-3-4	4	5	6.00	28.27	1540	800	193%
S91003-240	3	123-1-4	56	Caisson A-3-4	4	5	6.00	28.27	885		
S91003-240	5	123-1-5	7	West wall first 3 rows fill	5	6	3.00	9.00	3275	2000	164%
S91003-240	5	123-1-5	7	West wall first 3 rows fill	5	6	3.00	9.00	3220	2000	161%
S91003-240	5	123-1-5	28	West wall first 3 rows fill	5	6	3.00	9.00	3500	2500	140%
S91003-240	5	123-1-5	28	West wall first 3 rows fill	5	6	4.00	16.00	3470	2500	139%

CONCRETE STRENGTH TEST SUMMARY

SUMMARY 33

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Placement Date	Report Number	Specimen	Slump in.	Air Content %	Concrete Temp	Location	Specimen Type	Scheduled Test Date	Age	28 Day Design Strength, psi	Strength psi	Percent of 28 Day Design
2/28/03	11	1	7.5	5.1	80	West wall first 3 rows fill grout	Grout cylinde	3/7/03	7	3000	3165	105.5
2/28/03	1	123-1-2-2	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	3/7/03	7	4000	4250	106.3
2/28/03	1	123-1-2-3	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	3/28/03	28	4000	3540	88.5
2/28/03	1	123-1-2-4	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	3/28/03	28	4000	4290	107.3
2/28/03	1	123-1-2-5	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	3/28/03	28	4000	3540	88.5
2/28/03	1	123-1-2-6	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	4/25/03	56	4000	5000	125.0
2/28/03	1	123-1-2-7	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	4/25/03	56	4000	1580	39.5
2/28/03	1	123-1-2-8	5.5	2.3	82	Lot A-3-1, plains regions animal habita	Cast cylinder	3/30/03	30	4000	4370	109.3
2/28/03	3	123-1-4-1	4	5	73	Caisson A-3-4	Beam ctr - C	3/7/03	7	3000	60	2.0
2/28/03	3	123-1-4-2	4	5	73	Caisson A-3-4	Beam ctr - C	3/7/03	7	3000	660	22.0
2/28/03	3	123-1-4-3	4	5	73	Caisson A-3-4	Beam ctr - C	3/28/03	28	3000	1540	51.3
2/28/03	3	123-1-4-4	4	5	73	Caisson A-3-4	Beam ctr - C	3/28/03	28	3000	1540	51.3
2/28/03	3	123-1-4-5	4	5	73	Caisson A-3-4	Beam ctr - C	3/28/03	28	3000	1540	51.3
2/28/03	3	123-1-4-6	4	5	73	Caisson A-3-4	Beam ctr - C	4/25/03	56	3000	885	29.5
2/28/03	5	123-1-5-1	5	6	74	West wall first 3 rows fill grout	Grout prism -	3/7/03	7	2500	3275	131.0
2/28/03	5	123-1-5-2	5	6	74	West wall first 3 rows fill grout	Grout prism -	3/7/03	7	2500	3220	128.8
2/28/03	5	123-1-5-3	5	6	74	West wall first 3 rows fill grout	Grout prism -	3/28/03	28	2500	3500	140.0

Poudre Valley Geotechnical Engineers

9/7/07

Date placed starting date is: 02/01/2003

Date placed ending date is: 02/28/2003

Project Number	Client	Project Name	Cast Date	Specimen Type	Specimens
ABC999		This project is inactive	2/28/2003	Cast cylinder	2
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	8
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Mortar cylinder	6
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Grout cylinder	6
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Masonry block p	5
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	4
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	19
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	15
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Beam 1/3 - C 78	5
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	4
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Beam ctr - C 29	7
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Mortar cube - C	6
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Grout prism - C	6
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cast cylinder	1
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Grout prism - C	1
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Cored cylinder	9
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Sawed beam - C	6
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Sawed beam - C	7
S91003-2400	JEFFERSON	Fort Collins Zoo - Primat	2/28/2003	Grout cube - C	5

Poudre Valley Geotechnical Engineers

SUMMARY 36

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 107

Project Number	Report Number	Specimen	Design Strength psi	Break Date	Load lbs	Strength psi	Percent of Design	Type of Fracture
S91003-240	11	1		3/7/2003	39800	3165		A
S91003-240	1	123-1-2-2	2000	3/7/2003	120300	4250	213%	2
S91003-240	1	123-1-2-3	4000	3/28/2003	99999	3540	89%	3
S91003-240	1	123-1-2-4	4000	3/28/2003	121212	4290	107%	4
S91003-240	1	123-1-2-5	4000	3/28/2003	100000	3540	89%	5
S91003-240	1	123-1-2-6	5000	4/25/2003	141414	5000	100%	6
S91003-240	1	123-1-2-7	5000	4/25/2003	55555	1580	32%	6
S91003-240	1	123-1-2-8	4000	3/30/2003	123456	4370	109%	6
S91003-240	3	123-1-4-1	500	3/7/2003	500	60	12%	lab cu
S91003-240	3	123-1-4-2	500	3/7/2003	5300	660	132%	lab cu
S91003-240	3	123-1-4-3	800	3/28/2003	12345	1540	193%	lab cu
S91003-240	3	123-1-4-4	800	3/28/2003	12345	1540	193%	lab cu
S91003-240	3	123-1-4-5	800	3/28/2003	12345	1540	193%	lab cu
S91003-240	3	123-1-4-6		4/25/2003	7100	885		lab cu
S91003-240	5	123-1-5-1	2000	3/7/2003	29500	3275	164%	1/8" i
S91003-240	5	123-1-5-2	2000	3/7/2003	29000	3220	161%	Shear
S91003-240	5	123-1-5-3	2500	3/28/2003	31500	3500	140%	conica
S91003-240	5	123-1-5-4	2500	3/28/2003	55555	3470	139%	voids

Poudre Valley Geotechnical Engineers

9/7/07

Test Type: All
 Date placed starting date is: 02/01/2003
 Date placed ending date is: 02/28/2003
 All ages of specimens
 Number of Tests = 108

Specimen	Scheduled Test Date	Age	Load	Diameter	Area	Strength	Type of Fracture
1	3/7/2003	7	39800	4.00	12.57	3165	A
1	3/28/2003	28	123466	6.00	28.27	4370	6
123-1-2-2	3/7/2003	7	120300	6.00	28.27	4250	2
123-1-2-3	3/28/2003	28	99999	6.00	28.27	3540	3
123-1-2-4	3/28/2003	28	121212	6.00	28.27	4290	4
123-1-2-5	3/28/2003	28	100000	6.00	28.27	3540	5
123-1-2-6	4/25/2003	56	141414	6.00	28.27	5000	6
123-1-2-7	4/25/2003	56	55555	6.70	35.26	1580	6
123-1-2-8	3/30/2003	30	123456	6.00	28.27	4370	6
123-1-4-1	3/7/2003	7	500	6.00	28.27	60	lab cure
123-1-4-2	3/7/2003	7	5300	6.00	28.27	660	lab cure
123-1-4-3	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-4	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-5	3/28/2003	28	12345	6.00	28.27	1540	lab cure
123-1-4-6	4/25/2003	56	7100	6.00	28.27	885	lab cure
123-1-5-1	3/7/2003	7	29500	3.00	9.00	3275	1/8" inc
123-1-5-2	3/7/2003	7	29000	3.00	9.00	3220	Shear fr
123-1-5-3	3/28/2003	28	31500	3.00	9.00	3500	conical
123-1-5-4	3/28/2003	28	55555	4.00	16.00	3470	voids on
123-1-5-5	4/25/2003	56	111111	4.00	16.00	6940	shear fr
123-1-5-6	4/25/2003	56	111111	4.00	16.00	6940	splittin
123-1-7-1	3/7/2003	7	11111	6.00	28.27	925	damp, no