



REC.D 7950CT 4AM10#12  
**Terracon**

CONSULTANTS WESTERN, INC.  
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Chester C. Smith, P.E.  
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September 29, 1995

Ms. Vicki Wagner  
2402 Cedarwood  
Fort Collins, CO 80526

**Re: South Glen PUD, Fourth Filing  
Fort Collins, Colorado  
Project No. 20941067**

Dear Ms. Wagner:

Enclosed is the result of a quantitative extraction performed in general accordance with ASTM D2172, Method A and gradation analysis of extracted aggregate performed in general accordance with ASTM D5444 on asphaltic concrete sampled from the above-referenced project on September 14, 1995.

If you have any questions on the data presented, please feel free to contact us at your convenience.

Sincerely,

EMPIRE LABORATORIES, INC.  
A Division of **The Terracon Companies, Inc.**

Mike L. Walker, CET  
Manager of Construction Services

Reviewed By: William J. Attwooll, P.E.

MLW/WJA/dmf

Enclosure

cc/enc: Mr. Bill Nichol - Gerrard Excavating  
Mr. Dave Stringer - City of Fort Collins Engineering

Offices of The Terracon Companies, Inc.

Arizona ■ Arkansas ■ Colorado ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Minnesota  
Missouri ■ Montana ■ Nebraska ■ Nevada ■ Oklahoma ■ Texas ■ Utah ■ Wyoming

Geotechnical, Environmental and Materials Engineers

QUALITY ENGINEERING SINCE 1965

**ASPHALT CONCRETE LABORATORY TEST SUMMARY**

**SOUTH GLEN PUD, FOURTH FILING  
 PROJECT NO. 20941067**

Hveem No:	Marshall No:	Sample No:	1
Date & Time: 9/14/95; 1:30 P.M.	Lift No: 1ST	Truck No:	
Ambient Temp: 77°F	Asphalt Temp: 256 °F	Ticket No:	
Supplier: Connell Resources			
Contractor: Connell Resources			
Location: Manhattan Avenue			

**QUANTITATIVE EXTRACTION, ASTM D 2172 - METHOD "A"**

Asphalt Cement Content - (4.9) %

Mix Design Optimum Oil Content - 5.3 %

Specification: ± 0.3 %

**GRADATION ANALYSIS OF EXTRACTED AGGREGATE, ASTM D5444**

Sieve Size	% Passing	Job Mix Formula % Passing	City of Fort Collins SC Type 2 Specifications % Passing
1-1/2"			
1"			
3/4"	100	100	100
1/2"	90	80	--
3/8"	80	68	--
No. 4	(57)	43-53	38-72
No. 8	40	30-40	25-58
No. 16	30	25	--
No. 30	21	18	--
No. 50	14	11	--
No. 100	8	7	--
No. 200	4.7	2.8-6.8	3-12

( ) Denotes outside of job mix formula grading band.