

STATE OF NEVADA

DEPARTMENT OF TRANSPORTATION

Cont. or EA No. Yearly Source Acceptance

Date Reported: June 14, 2007
 Lab Number: LVCG 07-20 & LVCS 07-14
 Date Sampled: May 30, 2007
 Date Received: May 30, 2007
 Checked By: Clara Hawker

MATERIALS DIVISION
 123 E. Washington Ave.
 (702) 385-6589

Project _____
 County Clark
 Source Location
 by county Clark

MATERIAL Concrete Aggregate: # 89 & Concrete Fines
 Specification Reference SECTION 706

Source Jean Pit
 Furnished by Sierra Ready Mix
 Quantity represented by samples
Preliminary samples Field sample Production sample (designate with X)
 Sampled by Yvonne Ponsler & Doroteo Gumarang

COARSE AGGREGATE TESTS

FINE AGGREGATE TESTS

Lab Number: <u>LVCG</u>		<u>LVCG 07-20</u>
GRADATION:		<u>NO. 89</u>
<u>SIEVE SIZE</u>	<u>% PASSING</u>	<u>% PASSING</u>
Metric	Inches	(AS RECEIVED)
(25mm)	1	_____
(19mm)	3/4	_____
(12.5mm)	1/2	_____
(9.5mm)	3/8	_____
(4.75mm)	No. 4	_____
(2.36mm)	No. 8	_____
(1.18mm)	No. 16	_____
(600µm)	No. 30	_____

Lab Number: <u>LVCS 07-14</u>		
GRADATION:		
<u>SIEVE SIZE</u>	<u>% PASSING</u>	
Metric	Inches	(AS RECEIVED)
(9.5mm)	3/8	_____
(4.75mm)	No. 4	_____
(2.36mm)	No. 8	_____
(1.18mm)	No. 16	_____
(600µm)	No. 30	_____
(300µm)	No. 50	_____
(150µm)	No. 100	_____
(75µm)	No. 200	_____

Sodium Sulfate Soundness 3 % Loss

Sodium Sulfate Soundness 1 % Loss

OTHER TESTS (COARSE)

OTHER TESTS (FINE)

Abrasion	<u>30</u> %
Absorption	<u>1.8</u> %
Bulk Specific Gravity	<u>2.53</u>
Bulk Specific Gravity (SSD)	<u>2.58</u>
Cleaness Value #	_____
Cleaness Value #89	<u>84</u>
Clay Lumps #	<u>0</u> %
Clay Lumps #89	<u>0.2</u> %

Organic Impurities # 1	<u>Satisfactory</u>
Bulk Specific Gravity	<u>2.59</u>
Bulk Specific Gravity (SSD)	<u>2.62</u>
Absorption	<u>1.3</u> %
Fineness Modulus	<u>0</u> %
Sand Equivalent	<u>84</u>
Clay Lumps	<u>0.1</u> %

Remarks: The material tested meets the source acceptance requirements for concrete aggregate. Material must meet all project control requirements prior to being used as concrete aggregate.

- 1 District Engineer
- 1 Lab Services
- 1 Construction Engineer
- 1 C. C. Concrete Lab
- 1 CCPW
- 1 Progress Tester
- 1 Producer

Clara A. Hawker

JUN 15 2007