

Date Reported 11/29/2018
 Laboratory No. AF18-216
 C-100-18
 Date Received 11/28/2018
 Checked By WDB
 Sheet Number 1 OF 1

**STATE OF NEVADA
 DEPARTMENT OF
 TRANSPORTATION
 MATERIALS DIVISION**
 1263 S. Stewart, C.C., Nv., 89712

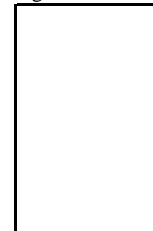
Contract: 3738
 County: CHURCHILL
 Project No.: STP-0001(106)
 Project: Maine Street, Fallon,
 at L Line Canal, Replace Structure
 B-242.

REPORT OF TESTS ON SOILS AND AGGREGATES

Material: GRANULAR BACKFILL

Log of Test Hole or Core

Date Field Work Completed 11/21/18
 Sampled (Observed) By D. FUJII
 Source of Sample GOLDEN VALLEY PIT
 Distance or Quantity Represented by Sample _____



SIEVE SIZE:	%PASSING	SPECS			SPECS
75.00mm	3"	<u>100</u>	LIQUID LIMIT	<u>28</u>	<u>35 Max</u>
50.00mm	2"	_____	PLASTICITY INDEX	<u>9</u>	<u>10 Max</u>
37.50mm	1 1/2"	_____	SPECIFIC GRAVITY	_____	_____
25.00mm	1"	_____	RESISTANCE VALUE	_____	_____
19.00mm	3/4"	_____			
12.50mm	1/2"	_____			
9.50mm	3/8"	<u>100</u>	COVER THICKNESS	<u>STABILOMETER</u>	<u>EXPANSION PRES.</u>
4.75mm	NO. 4	<u>96</u>			
2.36mm	NO. 8	<u>76</u>			
2.00mm	NO. 10	<u>70</u>			
1.18mm	NO. 16	<u>53</u>	SAND EQUIVALENT	_____	_____
600µm	NO. 30	<u>35</u>	DURABILITY	_____	_____
425µm	NO. 40	<u>28</u>	LAR. % LOSS AT 500 REV.	_____	_____
300µm	NO. 50	<u>23</u>			
150µm	NO. 100	<u>16</u>	MOISTURE CONTENT	_____	_____
75µm	NO. 200	<u>12</u>			

SOLUBLE SALT:
 CHLORIDE _____ PARTS PER MILLION MAX
 SULPHATE _____ PARTS PER MILLION MAX
 pH 7.5
 RESISTIVITY 5,269 Ohms-cm MIN. REMARKS: _____

H.R.B. CLASS _____

REMARKS AND RECOMMENDATIONS: The sample submitted for Granular Backfill meets requirements.

DISTRIBUTION:

- 1 DISTRICT ENGINEER
- 1 RESIDENT ENGINEER
- 2 CONSTRUCTION ENGINEER
- 1 LABORATORY (AGGREGATE & R-VALUE LAB)
- 1 CONTRACT FILE
- _____ LAS VEGAS FACILITY

William P. ...