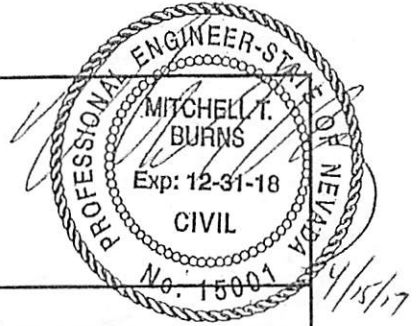




# AGGREGATE PROPERTIES



REPORT TO: A&K Earthmovers PROJECT: Material QA

PROJECT NO.: 9130.021

LOCATION: Fallon, NV

LAB NO.: R-205-17

SAMPLED BY: Others DATE: 4/10/2017

MATERIAL DESCRIPTION: Type 2 Class B Aggregate Base COLOR: Brown

SAMPLE LOCATION: Tucker Lahontan Pit

U.S. Std. Sieve Size	Percent Passing		Specification
2"			
1-1/2"			
1"	100		
3/4"	91		90-100
1/2"	63		
3/8"	53		
#4	36		35-65
#8	28		
#10	26		
#16	23		15-40
#30	19		
#40	18		
#50	16		
#100	13		
#200	8.9		2-10

SPECS

SPECS

NATURAL MOISTURE	3.4%	N/A	BULK SPECIFIC GRAVITY		FRACTURED FACES	89.6%	35% Min.
LIQUID LIMIT	26	35 Max.	APPARENT SPECIFIC GRAVITY		L.A. ABRASION	21%	45% Max.
PLASTIC LIMIT	22	N/A	BULK SPECIFIC GRAVITY (SSD)		R-VALUE	74	70 Min.
PLASTICITY INDEX	4	8 Max.	ABSORPTION		CLEANNESS VALUE		

D-1140 Soak Time: N/A  
 Specification Limits

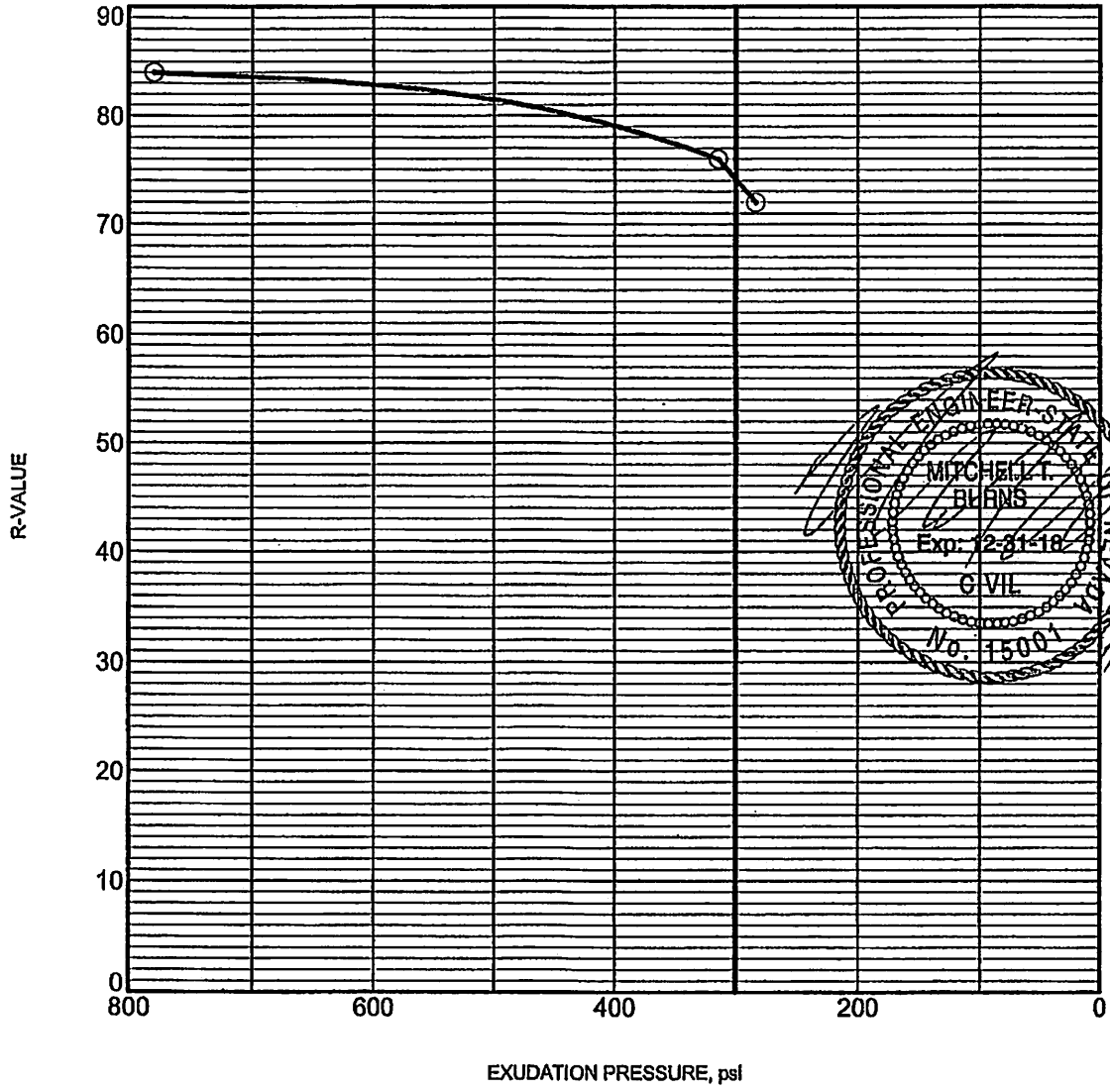
Respectively Submitted by:

Report Status:  Original  Amended

**\* Out of Standard Specification**

and Reviewed by:

9222 Prototype Drive Reno, NV 89521 Tel 775.827.6111 Fax 775.827.6402	800 East College Parkway Carson City, NV 89706 Tel 775.883.7077 Fax 775.883.7114	178 South Maine Street Fallon, NV 89406 Tel 775.423.2188 Fax 775.423.5657	225 Kingsbury Grade, Suite A Stateline, NV 89449 Tel 775.588.6490 Fax 775.588.6479
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**Test Data**

Specimen No.	Water Content (%)	Dry Density (pcf)	Expansion (psf)	Exudation (psi)	Test R-Value*
1	14.0	118.6	0.0	780.0	84.0
2	19.3	111.2	0.0	284.0	72.0
3	15.9	116.7	0.0	315.0	76.0

\* Reported values have been corrected for sample height, where required.

**Test Result**

Specimen Identification	Classification	R-Value
S-1 0.0	Type 2 Class B Aggregate Base	74

R-VALUE A AND K 2017 MISC.GPJ US LAB.GDT 4/14/17



**Lumos and Associates**  
 800 E College Parkway  
 Carson City, NV 89706  
 (775) 883-7077  
 Fax

A & K Earth Movers 2017 Misc.

**RESISTANCE VALUE TEST**

Job Number: 9130.021

Date: April 2017

**PLATE**

**1**