

IN-PLACE DENSITY: K37954

CLIENT: CHOYCE, LLC
PO BOX 847
LEE'S SUMMIT, MO 64063

REPORT NO: K37954
REPORT DATE: 10/12/2020
SERVICE DATE: 10/9/2020

PROJECT: R20-20-096
NAPA VALLEY 4TH PLAT

AUTHORIZATION:
CONTRACTOR:

SERVICES: Perform in-place density and moisture content tests to determine the degree of field compaction.

Gauge

Type	Serial No.	Test Mode	Density Current	Density Previous	Moisture Current	Moisture Previous
TROXLER 3440	77187	Direct Transmission	2774	2777	663	659

Requirements

No.	Density Method	Density Specification	Moisture Method	Moisture Specification
1	ASTM D6938	95% or greater	ASTM D3017	

Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR	Baserock	8%	136 pcf	Client1



Results

No.	Location	Probe Depth	Lift/Elev	Proctor	Field Moisture %	Optimum Moisture %	Moisture Result	Dry Density	Max Density	Density %	Density Result
1	SAGE CANYON 7+00	2	Grade	1	4.7	8.0	Pass	133.6	136.0	98.0	Pass
2	SAGE CANYON 6+50	2	Grade	1	4.3	8.0	Pass	132.1	136.0	97.0	Pass
3	SAGE CANYON 6+00	2	Grade	1	5.1	8.0	Pass	135.2	136.0	99.0	Pass
4	SAGE CANYON 5+50	2	Grade	1	5.0	8.0	Pass	127.8	136.0	94.0	Fail
5	Retest test 4	2	Grade	1	4.8	8.0	Pass	129.8	136.0	95.0	Pass
6	SAGE CANYON 5+50	2	Grade	1	4.2	8.0	Pass	131.6	136.0	97.0	Pass
7	SAGE CANYON 4+50	2	Grade	1	3.9	8.0	Pass	130.8	136.0	96.0	Pass
8	SAGE CANYON 4+00	2	Grade	1	4.7	8.0	Pass	132.9	136.0	98.0	Pass
9	SAGE CANYON 3+50	2	Grade	1	4.9	8.0	Pass	129.5	136.0	95.0	Pass
10	SAGE CANYON 3+00	2	Grade	1	5.7	8.0	Pass	131.1	136.0	96.0	Pass
11	SAGE CANYON 2+50	2	Grade	1	4.0	8.0	Pass	128.0	136.0	94.0	Fail
12	Retest test 11	2	Grade	1	4.4	8.0	Pass	129.2	136.0	95.0	Pass
13	SAGE CANYON 2+00	2	Grade	1	5.4	8.0	Pass	129.9	136.0	96.0	Pass
14	SAGE CANYON 1+50	2	Grade	1	4.7	8.0	Pass	134.6	136.0	99.0	Pass
15	SAGE CANYON 1+00	2	Grade	1	4.2	8.0	Pass	130.7	136.0	96.0	Pass
16	SAGE CANYON 0+50	2	Grade	1	4.8	8.0	Pass	133.0	136.0	98.0	Pass

TECHNICIAN: Matt McKeon
 Technician

REPORT DISTRIBUTION:

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