

**NORTHWEST COLORADO CONSULTANTS, INC.**  
**FIELD REPORT**

<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 2/20/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 1	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> JE

**Work Performed:**

As requested, we visited the project site on today's date and conducted informational only compaction test on the imported Alpine Aggregates pit run materials. It should be noted that the excavation contractor, Giovonni Construction, informed us upon arrival they were only able to static roll the fill materials due to observed pumping. During compaction testing we observed the imported fill material pumping under foot. Information compaction test results ranged from 4 to 4.9 percent above the materials optimum moisture content. We were informed that the contractor intends to remove the structural fill materials placed today and replace them with a drier borrow source (Redmond Pit – Pit Run).

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 02/21/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 2	<b>Time:</b> 1.5
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 1 through 4 on the material being placed for the underslab fill.

The excavation contractor, Giovonni Construction, placed and compacted Imported pit run sands and gravels within the northwest corner of Lot No.1's building envelope.

We obtained a sample of the imported material being placed and returned it to our laboratory in Steamboat Springs, CO, for a modified (ASTM D1557) Proctor and classification testing. This sample will be designated as Proctor No. 2P for this project.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Eric Patterson of Giovonni Construction was notified of today's test results.

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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 02/23/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 3	<b>Time:</b> 1.5
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 5 through 7 on the material being placed for the underslab fill.

The excavation contractor, Giovonni Construction, placed and compacted Imported pit run in a section of the northwest corner of Lot No. 1's building envelope.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Eric Patterson of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b>	Holiday Inn Express	<b>Project No.:</b>	22-12552	<b>Date:</b>	2/28/24
<b>Location:</b>	Steamboat Springs, CO	<b>Report No.:</b>	4	<b>Time:</b>	1.5
<b>Client:</b>	Steamboat Hotel LLC			<b>Mileage:</b>	12
				<b>Engr. /Tech:</b>	MN

**Work Performed:**

As requested, we visited the project site on today's date to conduct compaction tests on the material being placed for the underslab fill.

The excavation contractor, Giovonni Construction, had stripped off 2 feet of upper fill material in preparation of having trucks hauling pit run in the morning. We advised them to either protect the exposed subgrade with a loose lift of material or blade off 2 to 3 inches of frozen soil in the morning before placing pit run.

**Verbal Discussions:**

Eric Patterson of Giovonni Construction was aware of today's site visit and recommendations.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 2/29/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 5	<b>Time:</b> 4.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 36
		<b>Engr. /Tech:</b> MN/JE

**Work Performed:**

As requested, we visited the project site four times on today's date and conducted compaction test No.'s 8 through 13 on the material being placed for the underslab fill.

The excavation contractor, Giovonni Construction, placed and compacted imported pit run sands and gravels within a section of Lot No. 1's building envelope.

Prior to structural fill placement, we visited the site to observe frost free conditions of the imported fill and the fill subgrade. During our initial visit we observed frost in the import material and a frozen subgrade approximately 4 to 5 inches thick. The contractor was ripping and using the dozer tracks to break up the frozen subgrade. Once temperatures rose the frost was observed to be gone from the subgrade and imported material. At that time the contractor began fill placement.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Alex Schweitzer of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 3/1/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 6	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 24
		<b>Engr. /Tech:</b> MN/JE

**Work Performed:**

As requested, we visited the project site twice on today's date and conducted compaction test No.'s 14 through 17 on the material being placed for the subgrade frost observation and underslab fill.

The excavation contractor, Giovonni Construction, placed and compacted imported pit run sands and gravels within the southern section of Lot No. 1's building envelope.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Ryan of Giovonni Construction was notified of today's test results.

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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 3/15/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 7	<b>Time:</b> 1.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 18 through 21 on the material being placed for the subgrade fill.

The excavation contractor, Giovonni Construction, placed and compacted imported sandy clay with shale fragments within the parking lot envelope east of the center of the building. Density tests ranged from 89% to 91% and 0.5% to 5.6% over optimum moisture of Proctor 1P for this project.

**Remarks:**

The material tested generally did not meet the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Ryan of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 3/18/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 8	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 24
		<b>Engr. /Tech:</b> JE/MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 22 through 25 on the material being placed for the subgrade fill.

The excavation contractor, Giovonni Construction, ripped and wind-rowed the failing subgrade from Report 7 and recompactd the material for the parking lot east of Lot 1.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Ryan of Giovonni Construction was notified of today's test results.



**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 3/19/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 9	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 24
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site twice on today's date and conducted compaction test No.'s 26 through 33 on the material being placed for the subgrade fill.

The excavation contractor, Giovonni Construction, placed and compacted imported sandy clay with shale fragments within the parking lot east of Lot 1.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Ryan of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 3/21/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 10	<b>Time:</b> 1.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 34 and 35 on the material being placed for the subgrade fill.

The excavation contractor, Giovonni Construction, placed and compacted imported sandy clay along the entrance road off of the east end of Stone Lane.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Ryan of Giovonni Construction was notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 4/30/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 11	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 36 through 41 on the material being placed for the foundation backfill.

The excavation contractor, Giovonni Construction, placed and compacted the previously placed pit run sands and gravels along the inside of the east and south sides of the foundation. The material tested was 4% to 5% over optimum moisture. We recommended digging out what had been compacted to allow it to dry out.

**Remarks:**

The material tested generally did not meet the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was notified of today's test results via phone call.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
**FIELD REPORT**

<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 5/3/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 12	<b>Time:</b> 3.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> HM

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 36A through 41A on the material being placed for the foundation backfill.

The excavation contractor, Giovonni Construction, placed and compacted the previously placed pit run sands and gravels along the inside perimeter of the foundation. Retests showed the material had not been reworked/conditioned nor recompacted per our recommendations on 4/30/2024.

We also took more informational tests in other areas around the inside perimeter and found moisture to be 3% to 9% above optimum. All tests were low on compaction. We recommend they remove wet material and to recompact with material at 2% of the optimum moisture content.

**Remarks:**

The material tested generally did not meet the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction and Devin McIntosh of Maurer Construction were notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 5/13/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 13	<b>Time:</b> 6.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> HM/MC

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 42 through 53 and also retest No.'s 36B through 41B on the material being placed for the foundation wall backfill.

The excavation contractor, Giovonni Construction, placed and compacted imported pit run from Redmond Pit. We retested again from the failed tests on 05/03/24. Moisture content was still 5% to 9% over optimum moisture and adequate compaction could not be obtained. Groundwater seems to be the issue.

We took other tests aside from the previous failed areas and those showed to be failing on both moisture and compaction as well.

We obtained a sample of the on-site material being placed and returned it to our laboratory in Steamboat Springs, CO, for standard (ASTM D698) Proctor and classification testing. This sample will be designated as Proctor No. 3P for this project.

**Remarks:**

The material tested generally did not meet the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction and Eric Patterson and Don Larson of Maurer Construction were notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b>	Holiday Inn Express	<b>Project No.:</b>	22-12552	<b>Date:</b>	5/20/24
<b>Location:</b>	Steamboat Springs, CO	<b>Report No.:</b>	17	<b>Time:</b>	2.0
<b>Client:</b>	Steamboat Hotel LLC			<b>Mileage:</b>	12
				<b>Engr. /Tech:</b>	RM

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 97 through 106 on the material being placed for the interior foundation backfill.

The excavation contractor, Giovonni Construction, placed and compacted 1-foot of imported pit run from Redmond Pit.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction and Bob Amin were notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 5/21/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 18	<b>Time:</b> 3.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> RM

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 107 through 114 on the material being placed for the interior foundation backfill around the elevator shaft.

The excavation contractor, Giovonni Construction, placed and compacted 6-feet of imported pit run around the elevator shaft foundation walls.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction and Bob Amin were notified of today's test results.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 5/22/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 19	<b>Time:</b> 1.5
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 115 through 118 on the material being placed for the foundation around the elevator shaft.

The excavation contractor, Giovonni Construction, placed and compacted the previously imported pit run around the foundation for the elevator and east of the main entrance.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Antonio of Giovonni Construction was notified of today's test results.



**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b>	Holiday Inn Express	<b>Project No.:</b>	22-12552	<b>Date:</b>	5/23/24
<b>Location:</b>	Steamboat Springs, CO	<b>Report No.:</b>	20	<b>Time:</b>	1.0
<b>Client:</b>	Steamboat Hotel LLC			<b>Mileage:</b>	12
				<b>Engr. /Tech:</b>	MN

**Work Performed:**

As requested, we visited the project site on today's date to conduct compaction tests on the material being placed for the foundation backfill.

The excavation contractor, Giovonni Construction, was not working on-site this day.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was our contact for today's site visit.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 5/24/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 21	<b>Time:</b> 1.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> MN

**Work Performed:**

As requested, we visited the project site on today's date to conduct compaction tests on the material being placed for the utility trench backfill. When we arrived there were no utility trenches to be tested.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was our contact for today's site visit.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 6/11/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 22	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> RM

**Work Performed:**

As requested, we visited the project site on today's date to conduct compaction tests. Upon arrival, we were notified that Giovonni Construction needed a half hour to finish compaction. After two hours, Giovonni was still far from finishing. We notified Giovonni that we would return the next day (06/12/24) to conduct compaction tests on the finished grade.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was our contact for today's site visit.

**NORTHWEST COLORADO CONSULTANTS, INC.**  
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<b>Project:</b> Holiday Inn Express	<b>Project No.:</b> 22-12552	<b>Date:</b> 6/12/24
<b>Location:</b> Steamboat Springs, CO	<b>Report No.:</b> 23	<b>Time:</b> 2.0
<b>Client:</b> Steamboat Hotel LLC		<b>Mileage:</b> 12
		<b>Engr. /Tech:</b> RM

**Work Performed:**

As requested, we visited the project site on today's date and conducted compaction test No.'s 119 through 124 on the material being placed for the interior foundation backfill to subgrade.

The excavation contractor, Giovonni Construction, placed and compacted 8-inches of pit run for the interior foundation backfill.

**Remarks:**

The material tested generally met the project specifications for compaction.

Please refer to the attached sheet for results of today's testing.

**Verbal Discussions:**

Jay Lawton of Giovonni Construction was notified of today's test results.