

ADDENDUM NO. 4

CITY OF PAGE
PAGE MUNICIPAL AIRPORT
RUNWAY 15-33 SAFETY AREA GRADING PROJECT, PHASE 1

In accordance with the Special Provisions to the General Provisions, SP 20-16, Addenda and Interpretation, the following revisions to the Plans and Specifications shall become a part of the Contract Documents and each bidder shall acknowledge receipt thereof on page PROPOSAL-18 of the Proposal Forms.

GENERAL

ITEM 1: **Attachment 'A'** to this Addendum includes the soil boring information.





Not to Scale



Test Pit Location



Test Boring Location

Geotechnical
Environmental
Inspections
Materials



Western Technologies Inc.
The Quality People
Since 1955

BORROW SITE EVALUATION

Boring/Test Pit Location Diagram

Western Technologies Inc.

Job No.: 2521JB104

Plate: 1

DATE EXCAVATED: 9-9-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

TEST PIT NO. 1

EQUIPMENT: DEERE 310L
 EXCAVATION TYPE: 24" BUCKET
 FIELD ENGINEER: C. Senior

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

MOISTURE CONTENT (% OF DRY WT.)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
		G				SP-SM		Poorly Graded SAND; with silt, trace gravel, red, slightly damp
					5			Excavator Refusal at 3 Feet on SANDSTONE
					10			
					15			

N- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/RQD
 G- GRAB SAMPLE
 B- BUCKET SAMPLE

NOTES: Groundwater Not Encountered



WESTERN TECHNOLOGIES INC.
 2400 Huntington Drive
 Flagstaff, AZ 86004-8934

PROJECT: BORROW SITE EVALUATION
 PROJECT NO.: 2521JB104

TEST PIT LOG

PLATE
A-4

DATE EXCAVATED: 9-9-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

TEST PIT NO. 2

EQUIPMENT: DEERE 310L
 EXCAVATION TYPE: 24" BUCKET
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT.)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
		G				SP-SM		Poorly Graded SAND; with silt, red, slightly damp
					5			Excavator Refusal at 4 Feet on SANDSTONE
					10			
					15			

N- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/RQD
 G- GRAB SAMPLE
 B- BUCKET SAMPLE

NOTES: Groundwater Not Encountered



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TEST PIT LOG

PLATE
A-5

DATE EXCAVATED: 9-9-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

TEST PIT NO. 3

EQUIPMENT: DEERE 310L
 EXCAVATION TYPE: 24" BUCKET
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT.)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
		G				SP		Poorly Graded SAND; trace silt, red, slightly damp
					5			Excavator Refusal at 2 Feet on SANDSTONE
					10			
					15			

N- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/RQD
 G- GRAB SAMPLE
 B- BUCKET SAMPLE

NOTES: Groundwater Not Encountered



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 PROJECT NO.: 2521JB104

TEST PIT LOG


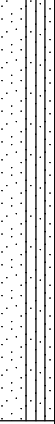
PLATE
A-6

DATE EXCAVATED: 9-9-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

TEST PIT NO. 4

EQUIPMENT: DEERE 310L
 EXCAVATION TYPE: 24" BUCKET
 FIELD ENGINEER: C. Senior

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

MOISTURE CONTENT (% OF DRY WT.)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
		G			5	SP-SM		Poorly Graded SAND; with silt, trace gravel, red, slightly damp
								Excavator Refusal at 5 Feet on SANDSTONE

N- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/RQD
 G- GRAB SAMPLE
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TEST PIT LOG


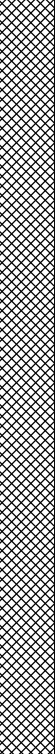





PLATE
A-7

DATE DRILLED: 9-25-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

BORING NO. 15

EQUIPMENT TYPE: CME-75
 DRILLING TYPE: 7"HSA
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
5.7	111	G				SM		Silty SAND (FILL); some gravel, cobbles and boulders, red, slightly damp
		R		16				
		R			5			
		R		11				
2.9	104	R		50/2"	10	SM		Silty SAND; some gravel, cobbles and boulders, red, very dense, slightly damp
Auger Refusal at 12 Feet on SANDSTONE								

- N- STANDARD PENETRATION TEST
- R- RING SAMPLE
- CA- CALIFORNIA MODIFIED SAMPLER
- G- GRAB SAMPLE
- B- BUCKET SAMPLE

NOTES: Groundwater Not Encountered



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PROJECT: BORROW SITE EVALUATION
 PROJECT NO.: 2521JB104

BORING LOG


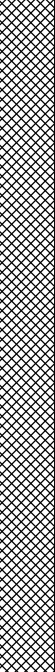



PLATE
A-18

DATE DRILLED: 9-25-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

BORING NO. 16

EQUIPMENT TYPE: CME-75
 DRILLING TYPE: 7"HSA
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
4.1	114	G		30		SM		Silty SAND (FILL); some gravel, cobbles and boulders, red, slightly damp
4.7	108	R		21	5			
3.0	115	R		50/8"	10	SM		Silty SAND; some gravel, cobbles and boulders, red, very dense, slightly damp
Boring Stopped at 10 Feet								

- N- STANDARD PENETRATION TEST
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- CA- CALIFORNIA MODIFIED SAMPLER
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- B- BUCKET SAMPLE

NOTES: Groundwater Not Encountered



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PROJECT: BORROW SITE EVALUATION
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BORING LOG

PLATE
A-19

DATE DRILLED: 9-25-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

BORING NO. 17

EQUIPMENT TYPE: CME-75
 DRILLING TYPE: 7"HSA
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
4.8	106	G				SM		Silty SAND; some gravel, cobbles and boulders, red, medium dense to dense, slightly damp
		R		30				
		R		31	5			
4.0	108	R		29	10			Boring Stopped at 10 Feet
					15			

- N- STANDARD PENETRATION TEST
- R- RING SAMPLE
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- G- GRAB SAMPLE
- B- BUCKET SAMPLE

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BORING LOG

PLATE
A-20

DATE DRILLED: 9-25-21
 LOCATION: See Location Diagram
 ELEVATION: Not Determined

BORING NO. 18

EQUIPMENT TYPE: CME-75
 DRILLING TYPE: 7"HSA
 FIELD ENGINEER: C. Senior

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MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION
1.6	122	G				SM		Silty SAND (FILL); some gravel, cobbles and boulders, red, slightly damp
		R	50/10"					
2.6	98	R	50/2"		5	SM		Silty SAND; some gravel, cobbles and boulders, red, very dense, slightly damp
		N	50/3"		10			Boring Stopped at 10 Feet
					15			

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BORING LOG

PLATE
A-21