

## LOG OF TEST HOLE NO.: 1

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 1: 6 ft      Test Hole 2: 5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	43	<b>S</b>	<b>SM</b>	FILL, SAND, silty, dense, medium moist, tan-brown		3.0
<b>2</b>	6	<b>S</b>	<b>SM</b>	NATIVE, SAND, silty, loose, medium moist, light brown - some clay nodules		4.8
<b>5</b>		<b>S</b>		- basalt gravel, weathered		15.1
				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		
<b>10</b>						

## LOG OF TEST HOLE NO.: 2

	18		<b>SM</b>	FILL, SAND, silty, medium dense, slightly moist, tan-brown		2.6
<b>2</b>		<b>S</b>	<b>SM</b>	NATIVE, SAND, silty, medium dense, medium moist, light brown		4.7
<b>5</b>				<b>Bottom of Test Hole at 5 Feet Refusal Basalt</b>		
<b>10</b>						

## LOG OF TEST HOLE NO.: 3

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 3: 9 ft      Test Hole 4: 11 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	7	B	SM	FILL, SAND, silty, loose, moist, tan-brown		6.9
		S		- fill		
5	16		SM	NATIVE, SAND, silty, loose, moist, light brown		4.2
		S		- medium dense, medium moist		
		B		- thin clay seams, nodules, pale-tan, brown		
10				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 4

2	15	S	SM	FILL, SAND, silty, dense, medium moist, tan-brown		3.1
		S		- medium dense		
5	12		SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		3.3
		S		- very pale-brown, white caliche		
10				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 5

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 5: 6 ft      Test Hole 6: 5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	11	B	SM	FILL, SAND, silty, loose, medium moist, tan-brown		4.7
		S		- medium dense, fill		
5	30	S	SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		
		S		- basalt		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 6

2	17	B	SM	FILL, SAND, silty, loose, moist, tan-brown		7.6
		S		- medium dense		
5		S	SM	FILL, SAND, silty, medium dense, light brown - weathered basalt, caliche nodules		
				<b>Bottom of Test Hole at 5 Feet</b>		
10						

## LOG OF TEST HOLE NO.: 7

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 7: 2 ft      Test Hole 8: 5.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, medium moist, tan, brown		2.9
2				<b>Bottom of Test Hole at 2 Feet</b>		
5						
10						

## LOG OF TEST HOLE NO.: 8

			<b>SM</b>	FILL, SAND, silty, loose, medium moist, tan-brown - medium dense		3.5
2	13	<b>S</b>	<b>SM</b>	NATIVE, SAND, silty, medium dense, medium moist, - caliche and basalt		
5	150	<b>S</b>		<b>Bottom of Test Hole at 5.5 Feet Refusal Basalt</b>		5.3
10						

## LOG OF TEST HOLE NO.: 9

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 9: 1.5 ft      Test Hole 10: 8 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to coarse grained, medium moist, medium moist, tan-brown		2.8
2				<b>Bottom of Test Hole at 1.5 Feet Refusal Basalt</b>		
5						
10						

## LOG OF TEST HOLE NO.: 10

		<b>B</b>	<b>SM</b>	FILL, SAND, silty, fine to medium grained, loose, brown		4.2
2	7	<b>S</b>		- loose		6.7
5	28	<b>S</b>	<b>SM</b>	NATIVE, SAND, silty, loose, moist, light brown - medium dense, thin clay seams, weathered basalt		10.9
10				<b>Bottom of Test Hole at 8 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 11

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 11: 6 ft      Test Hole 12: 8 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	8		SM	FILL, SAND, silty, loose, moist, tan-brown		6.3
2		S	SM	NATIVE, SAND, silty, loose, moist, light brown		
	206		SM	- weathered basalt and caliche		9.4
5		S	SM			
				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 12

	8		SM	FILL, SAND, silty, loose, medium moist, light brown		5.6
2		S	SM	NATIVE, SAND, silty, loose, moist, light brown		
	16		SM	- medium moist		13.3
5		S	SM			
				<b>Bottom of Test Hole at 8 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 13

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.30.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 13: 8.5 ft      Test Hole 14: 7 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	8	<b>B</b>	<b>SM</b>	FILL, SAND, silty, loose, medium moist, tan-brown		3.5
2		<b>S</b>		- moist		6.2
	13		<b>SM</b>	NATIVE, SAND, silty, loose, moist, light brown		6.4
5		<b>S</b>		- medium dense		
10						

## LOG OF TEST HOLE NO.: 14

	7		<b>SM</b>	FILL, SAND, silty, loose, medium moist, tan-brown		4.6
2		<b>S</b>				
	19		<b>SM</b>	NATIVE, SAND, silty, medium dense, medium moist, light brown		4.8
5		<b>S</b>				
10				<b>Bottom of Test Hole at 7 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 15

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 15: 6 ft      Test Hole 16: 6 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	7	<b>B</b>	<b>SM</b>	FILL, SAND, silty, loose, slightly moist, tan-brown		2.2
2						2.3
		<b>S</b>				
	5		<b>SM</b>	NATIVE, SAND, silty, trace caliche, light brown		
5						
	10			<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 16

	12	<b>B</b>	<b>SM</b>	FILL, SAND, silty, loose, slightly moist, tan-brown		2.0
2						
		<b>S</b>		- medium dense		
	bounce		<b>SM</b>	NATIVE, SAND, silty, medium dense, light brown		
5						
		<b>S</b>		- no recovery, bouncing		
	10			<b>Bottom of Test Hole at 6 Feet</b>		



## LOG OF TEST HOLE NO.: 17

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 17: 6 ft      Test Hole 18: 4.5 ft


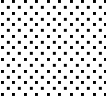
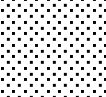
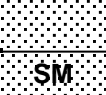
Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	18	B	SM	FILL, SAND, silty, loose, slightly moist, tan-brown - medium dense, medium moist	105	4.3
		B	SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		
5	187	S		- weathered basalt/dense gravel		5.4
				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 18

2	16	B	SM	SAND, silty, fine to medium grained, slightly moist, tan, brown		2.1
		S		- medium dense, with weathered basalt		
5				<b>Bottom of Test Hole at 4.5 Feet Refusal Basalt</b>		
10						

# LOG OF TEST HOLE NO.: 19

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	15 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	FILL, SAND, silty, loose, slightly moist, tan-brown		2.1
2	6	<b>S</b>		- loose, fill, medium moist		4.9
5	6	<b>R</b>		- loose, fill, moist	105	6.4
10	25	<b>S</b>		NATIVE, SAND, silty, medium dense, medium moist, light brown, trace caliche  - basalt weathered/gravel		5.8
15	300	<b>S</b>		- bouncing on basalt		
20				<b>Bottom of Test Hole at 15 Feet</b>		
25						

# LOG OF TEST HOLE NO.: 20

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	13 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			<b>SM</b>	FILL, SAND, silty, loose, slightly moist, tan-brown		
2	10	<b>S</b>				2.9
5	9	<b>S</b>		- medium moist		5.8
			<b>SM</b>	NATIVE, SAND, silty, medium dense, medium moist, light brown, trace caliche		
10	19	<b>S</b>				
15				<b>Bottom of Test Hole at 13 Feet Refusal Basalt</b>		
20						
25						

# LOG OF TEST HOLE NO.: 21

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	15 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	17		SM	FILL, SAND, silty, medium dense, medium moist, tan-brown		5.5
		S				
5	10		SM	NATIVE, SAND, silty, loose, moist, light brown		7.1
		S				
10	21		SM	- weathered basalt		4.9
		S				
15	300	B	SM	Bottom of Test Hole at 15 Feet		3.2
20						
25						

# LOG OF TEST HOLE NO.: 22

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	11 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	FILL, SAND, silty, fine to coarse grained, medium dense, medium moist, tan-brown		3.9
2	24	<b>S</b>				
			<b>SM</b>	NATIVE, SAND, silty, loose, medium moist, light brown, with thin clay lenses		5.1
5	10	<b>S</b>				
				- no recovery, basalt, caliche		
10	35	<b>S</b>				
				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		
15						
20						
25						

# LOG OF TEST HOLE NO.: 23

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	12	S	SM	FILL, SAND, silty, medium dense, medium moist, tan-brown		3.7
5	15	S	SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		5.0
10	14	S	SM	- very pale-brown, thin caliche seams		4.4
15	28	S	SM	- caliche		4.5
20				<b>Bottom of Test Hole at 16.5 Feet</b>		
25						

# LOG OF TEST HOLE NO.: 24

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	8.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	FILL, SAND, silty, loose, moist, tan-brown		
2	10	S				7.4
			SM	NATIVE, SAND, silty, loose, medium moist, light brown		
5	5	S				5.6
10	22	S		- medium dense, some caliche bands, fine to coarse grained, very pale-brown, slightly moist		6.3
15	22	S		- fine to coarse grained, sandy, pale-brown		1.9
20				<b>Bottom of Test Hole at 16.5 Feet</b>		
25						

## LOG OF TEST HOLE NO.: 25

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 25: 7 ft      Test Hole 26: 3.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	32		SM	FILL, SAND, silty, medium dense, medium moist, tan-brown		5.3
		S	SM	NATIVE, SAND, silty, with clay lenses		
5	120		SM	- weathered basalt, very hard gravel		1.7
		S				
10				<b>Bottom of Test Hole at 7 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 26

2			SM	FILL, SAND, silty, medium moist, brown		6.0
	B	SM	NATIVE, SAND, silty, with clay lenses			
5				<b>Bottom of Test Hole at 3.5 Feet Refusal Basalt</b>		
	10					



## LOG OF TEST HOLE NO.: 27

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 27: 6 ft      Test Hole 28: 7 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	150	B	SM	FILL, SAND, silty, loose to medium dense, slightly moist, tan-brown		2.3
5		S	SM	NATIVE, SAND, silty, slightly moist, light brown - no recovery, weathered basalt		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 28

2	150		SM	FILL, SAND, silty, loose, slightly moist, tan-brown		2.4
5		B	SM	NATIVE, SAND, silty, trace caliche, medium dense, slightly moist, light brown - weathered basalt		
10				<b>Bottom of Test Hole at 7 Refusal Basalt</b>		

# LOG OF TEST HOLE NO.: 29

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	FILL, SAND, silty, medium moist, tan-brown		
2	40	R		- dense, sand with some basalt gravel	110	3.5
			SM	NATIVE, SAND, silty, loose, medium moist, light brown		
5	10	S				4.2
10	22	S		- medium dense, gravelly, slightly moist, poor recovery		2.7
15	23	S		- sandy, light-tan, brown		3.5
				<b>Bottom of Test Hole at 16.5 Feet</b>		
20						
25						

## LOG OF TEST HOLE NO.: 30

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 30: 1.5 ft      Test Hole 33: 2 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, blonde, brown		4.7
2				<b>Bottom of Test Hole at 1.5 Feet Refusal Basalt</b>		
5						
10						

## LOG OF TEST HOLE NO.: 33

			<b>SM</b>	SAND, silty, fine to medium grained, medium moist, tan, brown, with gravel basalt, caliche nodules		4.9
2		<b>B</b>		<b>Bottom of Test Hole at 2 Feet Refusal Basalt</b>		
5						
10						

# LOG OF TEST HOLE NO.: 31

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	26	S	SM	SAND, silty, fine to coarse grained, medium moist, tan, brown, no fill		9.9
		S		- medium dense, light-brown, caliche, basalt, fine to coarse grained, medium moist		
5	120	S	SM	- weathered basalt lenses, dark-grey, hard		7.2
		S				
10	51	S	SM-SC	SAND, silty-clayey, caliche veins, dense, very pale-brown & white		6.8
		S				
15	28	S	SM-SC	- sandy, some caliche veins		6.4
		S				
20				<b>Bottom of Test Hole at 16.5 Feet</b>		
25						

# LOG OF TEST HOLE NO.: 32

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	FILL, SAND, silty, loose, medium moist, tan-brown		
2	14	S		- medium dense, moist		7.9
			SM	NATIVE, SAND, silty, loose, medium moist, light brown		4.1
5	10	S		- gravel lenses, medium dense		
10	18	S		- silty to clayey, caliche		4.2
15		B				4.7
				<b>Bottom of Test Hole at 16.5 Feet</b>		
20						
25						

## LOG OF TEST HOLE NO.: 34

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 34: 5.5 ft      Test Hole 35: 3.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	4	S	SM	SAND, silty, fine to coarse grained, medium moist, tan, brown, basalt gravel at surface, natural - loose - weathered basalt at 4 feet		6.1
5						
10						
				<b>Bottom of Test Hole at 5.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 35

2		B	SM	SAND, silty, fine to coarse grained, medium moist - light-tan, brown		6.6
5						
10						
				<b>Bottom of Test Hole at 3.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 36

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.7.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 36: 4 ft      Test Hole 37: 4 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	SAND, silty, fine to coarse grained, medium moist, tan, brown - light-tan, brown		2.4
5		B		<b>Bottom of Test Hole at 4 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 37

2	120		SM	SAND, silty, fine to medium grained, medium moist, tan, brown - weathered basalt and caliche, fine to coarse grained, light-tan, brown, dense		7.2
5		S		<b>Bottom of Test Hole at 4 Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 38

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 38: 2 ft      Test Hole 39: 3 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	SAND, silty, fine to coarse grained, basalt gravel, fine to coarse grained, tan, brown, grey		8.1
5				<b>Bottom of Test Hole at 2 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 39

2		B	SM	FILL, SAND, silty, loose, slightly moist, tan-brown		2.8
5				<b>Bottom of Test Hole at 3 Feet</b>		
10						



## LOG OF TEST HOLE NO.: 40

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 40: 4.5 ft      Test Hole 41: 1 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	11	S	SM	FILL, SAND, silty, loose, moist, brown		3.8
2			SM	- medium dense, slightly moist		
			SM	NATIVE, SAND, silty, medium dense, light brown		
5				<b>Bottom of Test Hole at 4.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 41

		B	SM	SAND, silty, fine to medium grained, slightly moist, medium dense, light-brown		4.1
2				<b>Bottom of Test Hole at 1 Foot Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 42

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 42: 0 ft      Test Hole 43: 0 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	SM	Skiff of sand over basalt, auger refusal at 6 inches		3.5
2						
5						
10						

## LOG OF TEST HOLE NO.: 43

		<b>B</b>	SM	Skiff of sand over basalt, auger refusal at 6 inches		5.3
2						
5						
10						

## LOG OF TEST HOLE NO.: 44

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 44: 5 ft      Test Hole 45: 2 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)	
	14	<b>B</b>	<b>SM</b>	SAND, silty, loose, slightly moist, light-brown, fine to coarse grained - medium dense, with gravel lenses		4.4	
2							4.3
		<b>S</b>					
		<b>B</b>				4.0	
5				<b>Bottom of Test Hole at 5 Feet Refusal</b>			
10							

## LOG OF TEST HOLE NO.: 45

		<b>B</b>	<b>SM</b>	SAND, silty, fine to coarse grained, medium dense, light-brown, slightly moist		5.4
2						
				<b>Bottom of Test Hole at 2 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 46

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 46: 2 ft      Test Hole 47: 7.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, slightly moist, light-brown, loose		9.8
2						
				<b>Bottom of Test Hole at 2 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 47

		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, slightly moist, light-brown, loose		3.7
2						
5	20	<b>S</b>		- medium dense		3.9
		<b>B</b>				
10				<b>Bottom of Test Hole at 7.5 Feet Refusal</b>		4.1

## LOG OF TEST HOLE NO.: 48

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 48: 0 ft      Test Hole 49: 5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
				Auger Refusal on Basalt at Surface		
2						
5						
10						

## LOG OF TEST HOLE NO.: 49

	10	<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, slightly moist, loose, light-brown		4.7	
2							3.0
		<b>S</b>					
		<b>B</b>					
5				Bottom of Test Hole at 5 Feet Refusal		3.9	
10							

## LOG OF TEST HOLE NO.: 50

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 50: 7.5 ft      Test Hole 51: 2 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, slightly moist, light-brown, loose		2.6
2		<b>B</b>				
						4.4
5						
10				Bottom of Test Hole at 7.5 Feet Refusal		

## LOG OF TEST HOLE NO.: 51

		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, light-brown, light-moist, loose		3.8
2				Bottom of Test Hole at 2 Feet Refusal		
5						
10						

## LOG OF TEST HOLE NO.: 52

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 52: 6.5 ft      Test Hole 53: 1 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	NATIVE, SAND, silty, loose, medium moist, light-brown		3.3
2						
		<b>B</b>				3.7
5				- weathered basalt		
				<b>Bottom of Test Hole at 6.5 Feet Refusal</b>		
10						

## LOG OF TEST HOLE NO.: 53

			<b>SM</b>	NATIVE, SAND, silty		
2				<b>Bottom of Test Hole at 1 Foot Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 54

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.14.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 54: 2 ft      Test Hole 55: 11 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, slightly moist, medium dense, light-brown		3.4
2				<b>Bottom of Test Hole at 2 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 55

		<b>B</b>	<b>SM</b>	FILL, SAND, silty, fine to coarse grained, loose, slightly moist, blonde-brown		2.7
2		<b>B</b>	<b>SM</b>	NATIVE, SAND, silty, medium moist, light brown		2.6
5		<b>B</b>	<b>SM</b>	- slightly moist		4.1
10	bounce	<b>S</b>		- weathered basalt, SPT refusal		
				<b>Bottom of Test Hole at 11 Feet Refusal</b>		



## LOG OF TEST HOLE NO.: 56

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 56: 7.5 ft      Test Hole 57: 5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	10	S	SM	FILL, SAND, silty, loose, medium moist, blonde-brown		3.1
5				9		
10				<b>Bottom of Test Hole at 7.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 57

2		B	SM	FILL, SAND, silty, loose, moist, blonde-brown		6.1
5				SM		
10				<b>Bottom of Test Hole at 5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 58

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 58: 2.5 ft      Test Hole 59: 2 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2		B	SM	SAND, silty, fine to medium grained, medium moist, blonde, brown		2.5
5				<b>Bottom of Test Hole at 2.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 59

2		B	SM	SAND, silty, fine to medium grained, blonde, brown, medium moist		3.5
5				<b>Bottom of Test Hole at 2 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 60

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 60: 4 ft      Test Hole 61: 2.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	150	S	SM	SAND, silty, fine to medium grained, medium moist, brown - weathered basalt at 2 ft		4.8
5				<b>Bottom of Test Hole at 4 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 61

2		B	SM	SAND, silty, fine to medium grained, medium moist, blonde, brown, natural		3.7
5				<b>Bottom of Test Hole at 2.5 Feet</b>		
10						

## LOG OF TEST HOLE NO.: 62

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 62: 1 ft      Test Hole 63: 2.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	SAND, silty, medium moist, light brown		5.3
2				<b>Bottom of Test Hole at 1 Foot Refusal Basalt</b>		
5						
10						

## LOG OF TEST HOLE NO.: 63

			SM	SAND, silty, fine to medium grained, medium moist, brown, thin clay lenses		11.3
2		B		<b>Bottom of Test Hole at 2.5 Feet</b>		
5						
10						

## LOG OF TEST HOLE NO.: 64

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 64: 8 ft      Test Hole 65: 8.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	19	S	SM	FILL, SAND, silty, loose, medium moist, brown		5.6
				- medium dense		
5	36	S	SM	- dense, moist		7.6
				NATIVE, SAND, silty, with thin clay lenses		
10				<b>Bottom of Test Hole at 8 Feet Refusal Basalt</b>		10.4

## LOG OF TEST HOLE NO.: 65

2		B	SM	FILL, SAND, silty, loose, medium moist, brown		3.7
5		B	SM	NATIVE, SAND, silty, with clay lenses		8.2
				- weathered basalt		
10				<b>Bottom of Test Hole at 8.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 66

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 66: 6 ft      Test Hole 67: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	50		SM	FILL, SAND, silty, medium dense, moist, brown		8.2
		S		- fill, dense		
5	150		SM	NATIVE, SAND, silty, medium dense, moist, light brown		
		S		- weathered basalt		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 67

2		B	SM	FILL, SAND, silty, loose, moist, tan-brown		5.6
			SM	NATIVE, SAND, silty, with thin clay lenses		
5		B		- light-brown, some thin clay seams		
10				<b>Bottom of Test Hole at 9 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 68

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 68: 6 ft      Test Hole 69: 5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	100		SM	FILL, SAND, silty, medium moist, tan-brown		4.8
2		B				
			SM	NATIVE, SAND, silty, medium moist, light brown		
5		S		- thin clay lenses - weathered basalt		
				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 69

	14		SM	FILL, SAND, silty, loose, medium moist, brown		5.8
2		S		- medium dense, fill		
			SM	NATIVE, SAND, silty, with clay lenses		
5		B		<b>Bottom of Test Hole at 5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 70

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 70: 6 ft      Test Hole 71: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	FILL, SAND, silty, moist, brown		6.1
		B				
5			SM	NATIVE, SAND, silty, medium moist, light brown		5.8
		B		- weathered basalt		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 71

2	18		SM	FILL, SAND, silty, moist, brown		6.8
		S				
5			SM	NATIVE, SAND, silty, medium moist, light brown		4.6
		B		- weathered basalt		
10				<b>Bottom of Test Hole at 9 Feet Refusal Basalt</b>		



# LOG OF TEST HOLE NO.: 72

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.22.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	13.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)	
2	21	B	SM	FILL, SAND, silty, medium moist, brown		5.8	
5		B	SM				NATIVE, SAND, silty, medium moist, light brown with clay lenses
10		S		- medium dense		6.1	
15				<b>Bottom of Test Hole at 13.5 Feet Refusal Basalt</b>			
20							
25							

# LOG OF TEST HOLE NO.: 73

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	11.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	42		<b>SM</b>	FILL, SAND, silty, fine to medium grained, moist, brown - dense, with gravel	119	5.9
		R				
5	30		<b>SM</b>		132	6.9
		R				
10	120	B	<b>SC</b>	NATIVE, SAND, clayey, medium dense, moist, dark-brown - weathered basalt		12.7
		S				
15				<b>Bottom of Test Hole at 11.5 Feet Refusal Basalt</b>		
20						
25						

## LOG OF TEST HOLE NO.: 74

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 74: 7.5 ft      Test Hole 75: 7 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	12		SM	FILL, SAND, silty, medium moist, tan-brown		4.2
2		B		- fill		
		S	SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		
5				- weathered basalt		
			<b>Bottom of Test Hole at 7.5 Feet Refusal Basalt</b>			
10						

## LOG OF TEST HOLE NO.: 75

	12		SM	FILL, SAND, silty, medium moist, tan-brown	110	6.4
2		R		- fill, medium dense, moist		
	150	S	SM	NATIVE, SAND, silty, medium dense, moist, light brown		
5						
			<b>Bottom of Test Hole at 7 Feet Refusal Basalt</b>			
10						

## LOG OF TEST HOLE NO.: 76

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 76: 8.5 ft      Test Hole 78: 7 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			<b>SM</b>	FILL, SAND, silty, moist, tan-brown		4.2
2		<b>B</b>		- medium moist		
			<b>SM</b>	- fill		6.1
5		<b>B</b>		NATIVE, SAND, silty, medium moist, light brown - weathered basalt		
				<b>Bottom of Test Hole at 8.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 78

			<b>SM</b>	SAND, silty, light-brown, natural, fine to medium grained		3.7
2		<b>B</b>		- pale-brown, thin caliche veins, slightly moist		3.9
			<b>SM</b>	- medium dense		3.6
5	25	<b>S</b>		- weathered basalt		
				<b>Bottom of Test Hole at 7 Feet Refusal Basalt</b>		
10						

# LOG OF TEST HOLE NO.: 77

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	13 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	12		SM	FILL, SAND, silty, loose, medium moist, tan-brown		4.0
2		S		- medium dense, fill		
	10		SM	- loose, brown, fill		4.3
5		B		NATIVE, SAND, silty, loose, slightly moist, light brown		
10		S				3.8
15				<b>Bottom of Test Hole at 13.5 Feet Refusal Basalt</b>		
20						
25						

## LOG OF TEST HOLE NO.: 79

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 79: 3 ft      Test Hole 80: 3 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	SAND, silty, fine to medium grained, slightly moist, light-brown, natural - weathered bedrock at 2 feet		
5				<b>Bottom of Test Hole at 3 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 80

2		B	SM	SAND, silty, fine to medium grained, slightly moist, pale-brown		5.7
5				<b>Bottom of Test Hole at 3 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 81

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.23.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 81: 4.5 ft      Test Hole 82: 4 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	61	S	SM	SAND, silty, natural, fine to medium grained, slightly moist - with some caliche nodules		4.3
5				<b>Bottom of Test Hole at 4.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 82

2		B	SM	SAND, silty, fine to medium grained, slightly moist, light-brown		7.5
5				<b>Bottom of Test Hole at 4 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 83

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.29.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 83: 6 ft      Test Hole 84: 4 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	11	S	SM	FILL, fine to medium grained, moist, pale-brown - medium dense, brown		5.4
5				NATIVE, SAND, light brown		
10				<b>Bottom of Test Hole at 6 Feet</b>		

## LOG OF TEST HOLE NO.: 84

2	20	S	SM	FILL, SAND, silty, loose, medium moist, brown - medium dense		4.1
5				NATIVE, SAND, silty, medium dense, light brown		
10				<b>Bottom of Test Hole at 4 Feet Refusal Basalt</b>		



## LOG OF TEST HOLE NO.: 85

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 85: 6 ft      Test Hole 86: 6 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2		B	SM	FILL, SAND, silty, loose to medium dense, medium moist, brown		4.1
5			SM	NATIVE, SAND, silty, light brown		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 86

2	18	S	SM	FILL, SAND, silty, loose, medium moist, brown - medium dense		3.9
5		B	SM	NATIVE, SAND, silty, light brown, with clay lenses		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 87

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 87: 7.5 ft      Test Hole 88: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	FILL, SAND, silty, loose to medium dense, brown		
5			SM	NATIVE, SAND, silty, light brown		
10				<b>Bottom of Test Hole at 7.5 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 88

2	26	S	SM	FILL, SAND, silty, loose, moist, brown		7.2
5	12	S	SM	- medium dense		6.7
10				NATIVE, SAND, silty, light brown		
				<b>Bottom of Test Hole at 9 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 89

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 89: 6.5 ft      Test Hole 90: 1.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	11	<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, natural, medium moist, tan-brown, loose - medium dense		3.1
2						3.6
5		<b>S</b>				
				<b>Bottom of Test Hole at 6.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 90

		<b>B</b>	<b>SM</b>	SAND, silty, fine to medium grained, basalt at surface		2.9
2				<b>Bottom of Test Hole at 1.5 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 91

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.31.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 91: 1.5 ft      Test Hole 92: 6 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
		<b>B</b>	<b>SM</b>	SAND, silty, fine to coarse grained, basalt at surface		3.7
2				<b>Bottom of Test Hole at 1.5 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 92

			<b>SM</b>	SAND, silty, fine to medium grained, medium moist, tan, brown, natural at surface		2.6
2	13	<b>S</b>		- medium dense,		
5					- light-tan, brown	
10						

## LOG OF TEST HOLE NO.: 93

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 93: 11 ft      Test Hole 94: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	16	S	SM	SAND, silty, fine to medium grained, tan, brown, medium moist - very silty, medium dense, thin caliche veins		6.0
5	12	S				
10	bounce	S				
				Bottom of Test Hole at 11 Feet Refusal Basalt		

## LOG OF TEST HOLE NO.: 94

2	12	B	SM	SAND, silty, fine to medium grained, medium moist, tan, brown, thin clay seam at surface  - thin silty seams		5.1
5		S				
10						
				Bottom of Test Hole at 9 Feet Refusal Basalt		

## LOG OF TEST HOLE NO.: 95

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 95: 4 ft      Test Hole 96: 5.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	16	S	SM	SAND, silty, tan, brown, medium moist, medium dense		3.7
5				<b>Bottom of Test Hole at 4 Feet</b>		
10						

## LOG OF TEST HOLE NO.: 96

2	13	S	SM	SAND, silty, fine to medium grained, medium moist, tan, brown		3.7
5				- medium dense		
10				- thin caliche seams nodules, pale-brown		
				<b>Bottom of Test Hole at 5.5 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 97

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 97: 1.5 ft      Test Hole 98: 6 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			<b>SM</b>	SAND, silty, fine to medium grained, medium moist		
2				Bottom of Test Hole at 1.5 Feet Refusal Basalt		
5						
10						

## LOG OF TEST HOLE NO.: 98

			<b>SM</b>	SAND, silty, fine to medium grained, medium moist, tan, brown		5.9
2	14	<b>S</b>		- medium dense		
				- thin caliche seams, nodules, pale-brown, very silty		
5		<b>B</b>				4.4
				Bottom of Test Hole at 6 Feet Refusal Basalt		
10						

## LOG OF TEST HOLE NO.: 99

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 99: 2 ft      Test Hole 100: 1 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	SAND, silty, fine to medium grained, medium moist, tan, brown		
2				<b>Bottom of Test Hole at 2 Feet Refusal Basalt</b>		
5						
10						

## LOG OF TEST HOLE NO.: 100

			SM	SAND, silty, fine to medium grained, medium moist		
2				<b>Bottom of Test Hole at 1 Foot</b>		
5						
10						



## LOG OF TEST HOLE NO.: 101

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 101: 4.5 ft      Test Hole 102: 3 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	10	S	SM	FILL, SAND, silty, loose, medium moist, brown		5.3
5			SM	NATIVE, SAND, silty, medium dense, light brown		
10				<b>Bottom of Test Hole at 4.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 102

2			SM	SAND, silty, fine to medium grained, medium moist, brown		
5				<b>Bottom of Test Hole at 3 Feet Refusal</b>		
10						

## LOG OF TEST HOLE NO.: 103

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 103: 3.5 ft      Test Hole 104: 1.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			SM	SAND, silty, debris at surface on native soil		5.9
2		B		- weathered basalt, grey		
5				<b>Bottom of Test Hole at 3.5 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 104

			SM	SAND, silty, fine to medium grained, medium moist, tan, brown		
2				<b>Bottom of Test Hole at 1.5 Feet Refusal</b>		
5						
10						

## LOG OF TEST HOLE NO.: 105

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 105: 3 ft      Test Hole 107: 8.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	120		SM	SAND, silty, fine to medium grained, natural		
		S				
5				<b>Bottom of Test Hole at 3 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 107

2			SM	FILL, SAND, silty, medium moist, moist, brown		
5			SM	NATIVE, SAND, silty, light brown at 6 feet - weathered basalt/gravel at 7 feet		
10				<b>Bottom of Test Hole at 8.5 Feet Refusal Basalt</b>		

# LOG OF TEST HOLE NO.: 106

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	13 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			<b>SM</b>	FILL, SAND, silty, loose, medium moist, brown		
2	9	<b>S</b>				4.8
5	16	<b>S</b>		- medium dense,, moist, fill		8.7
10	21	<b>S</b>	<b>SM</b>	NATIVE, SAND, silty, medium dense, medium moist, light brown		5.1
15				<b>Bottom of Test Hole at 13 Feet Refusal Basalt</b>		
20						
25						

## LOG OF TEST HOLE NO.: 108

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 108: 8 ft      Test Hole 109: 11 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
	13		SM	FILL, SAND, silty, loose, moist, brown		7.3
2		S		- medium dense		
5						
			SM	NATIVE, SAND, silty, light brown		
				<b>Bottom of Test Hole at 8 Feet Refusal Basalt</b>		
10						

## LOG OF TEST HOLE NO.: 109

	11		SM	FILL, SAND, silty, loose, moist, brown	107	7.5
2		R		- medium dense		
5						
			SM	NATIVE, SAND, silty, light brown		
				- weathered basalt		
10				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		

# LOG OF TEST HOLE NO.: 110

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.27.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	14 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	14	S	SM	FILL, SAND, silty, loose, moist, brown		8.8
5				- medium dense, fill		
10				NATIVE, SAND, silty, with basalt gravel, grey-brown		
15				Bottom of Test Hole at 14 Feet		
20						
25						

## LOG OF TEST HOLE NO.: 111

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 111: 11 ft      Test Hole 114: 11 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
			<b>SM</b>	FILL, SAND, silty, loose to medium dense, brown		
2						
			<b>SM</b>	NATIVE, SAND, silty, with thin clay lenses		11.7
5		<b>B</b>				
			<b>SM</b>			
10		<b>B</b>				
				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 114

			<b>SM</b>	FILL, SAND, silty, loose to medium moist, brown		
2						
			<b>SM</b>	NATIVE, SAND, silty, loose, light brown		
5						
			<b>SM</b>			
10						
				<b>Bottom of Test Hole at 11 Feet Refusal Basalt</b>		

# LOG OF TEST HOLE NO.: 112

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	13 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	13		SM	FILL, SAND, silty, fine to medium grained, medium moist, tan-brown - medium dense		3.0
		S				
5	12		SM	NATIVE, SAND, silty, medium dense, medium moist, light brown		9.2
		S				
10		B				
15				Bottom of Test Hole at 13 Feet Refusal		5.1
20						
25						



# LOG OF TEST HOLE NO.: 113

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.16
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	16.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	12	S	SM	FILL, SAND, silty, fine to medium grained, brown, moist , loose		5.8
				- medium dense, fill		
				- debris found		
5	14	S	SM	- fill		6.9
10	20	S	SM	- fill		5.1
15	13	S	SM	NATIVE, SAND, silty, loose, moist, light brown		7.8
				- medium dense		
				<b>Bottom of Test Hole at 16.5 Feet</b>		
20						
25						

## LOG OF TEST HOLE NO.: 115

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.2016
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 115: 11.5 ft      Test Hole 116: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	23	S	SM	FILL, SAND, silty, moist, loose, brown		7.0
5				- medium dense		
10				NATIVE, SAND, silty, light brown		
				<b>Bottom of Test Hole at 11.5 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 116

2	15	S	SM	FILL, SAND, silty, medium dense, moist, brown		5.3
5				NATIVE, SAND, silty, medium moist, pale brown with clay lenses		
10				<b>Bottom of Test Hole at 9 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 117

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.2016
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 117: 6 ft      Test Hole 118: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	FILL, SAND, silty, moist, brown brown		
5			SM	NATIVE, SAND, silty, light brown		
10				<b>Bottom of Test Hole at 6 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 118

2	14	S	SM	FILL, SAND, silty, medium dense, moist, brown		6.1
5			SM	NATIVE, SAND, silty, light brown		
10		B		<b>Bottom of Test Hole at 9 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 119

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.2016
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 119: 8 ft      Test Hole 120: 9 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2			SM	FILL, SAND, silty, medium dense, brown		
5			SM	NATIVE, SAND, silty, light brown		
10				<b>Bottom of Test Hole at 8 Feet Refusal Basalt</b>		

## LOG OF TEST HOLE NO.: 120

2			SM	FILL, SAND, silty, loose to medium dense, brown		
5			SM	NATIVE, SAND, silty, light brown		
10				<b>Bottom of Test Hole at 9 Feet Refusal</b>		

## LOG OF TEST HOLE NO.: 121

<b>Project:</b>	La Cuentista Subdivision Unit II
<b>Date Drilled:</b>	9.28.2016
<b>Drilling Method:</b>	3.25" I D Hollow Stem Auger
<b>Surface Elevation:</b>	Not Available
<b>Depth to Groundwater:</b>	Not Encountered
<b>Bottom of Hole:</b>	Test Hole 121: 9 ft      Test Hole 122: 8.5 ft

Depth (feet)	N-Value (blows/ft)	Sample Type	Unified Class.	Description	Dry Density (pcf)	Moisture Content (%)
2	15	S	SM	FILL, SAND, silty, medium dense, moist, brown		6.0
5				NATIVE, SAND, silty, medium dense, light brown		
10			Bottom of Test Hole at 9 Feet Refusal			

## LOG OF TEST HOLE NO.: 122

2	17	S	SM	FILL, SAND, silty, loose, medium moist, light brown		4.6
5				- medium dense		
			- loose			
10			SM	NATIVE, SAND, silty, with gravel, light brown		
			Bottom of Test Hole at 8.5 Feet Refusal			

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
1	0		3.0				100	89	84	80	78	74	59	30	11.5	
	2		4.8						100	99	99	96	83	44	14.3	
	5		15.1				100	94	91	86	81	75	66	43	25.0	
2	0		2.6				100	99	98	96	93	88	71	36	12.6	
	2		4.7							100	98	81	44	20.8		
3	2		6.9								100	99	84	46	25.0	
	5		4.2			100	86	85	85	84	83	81	67	34	13.1	
	7.5		7.5					100	97	93	91	88	78	46	22.8	
4	0		3.1				100	99	99	97	94	87	69	35	12.9	
	2		4.5					100	99	98	97	94	80	40	12.6	
	5		3.3						100	99	98	94	76	36	15.8	
	10		6.3				100	97	90	79	71	65	56	36	20.4	
5	2		4.7					100	99	98	96	90	71	36	9.3	
	5		5.8					100	99	98	97	92	76	43	25.8	
6	2		7.6							100	99	94	76	44	27.1	
7	0		2.9				100	97	95	93	92	89	76	40	15.9	
8	2		3.5						100	99	99	94	74	38	19.5	
	5		5.3				100	93	84	76	68	62	54	34	22.5	
9	0		2.8						100	99	96	76	35	10	7.6	
10	0		4.2					100	99	98	97	92	76	39	14.6	
	2		6.7				100	100	94	94	93	92	88	74	39	14.7
	5		10.9			100	96	94	86	77	70	64	56	39	26.2	

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
11	2		6.3			100	97	97	97	96	95	91	76	38	14.2	
	5		9.4			100	78	64	56	50	44	40	35	25	16.4	
12	2		5.6						100	99	98	94	77	41	14.0	
	5		13.3			100	90	81	73	67	62	59	52	38	26.8	
13	0		3.5					100	99	97	95	88	69	35	9.9	
	2		6.2						100	99	97	93	76	39	14.1	
	5		6.4					100	99	98	97	94	82	48	16.4	
14	2		4.6					100	99	98	96	92	75	38	15.1	
	5		4.8					100	99	99	99	97	83	37	11.2	
15	0		2.2													
	2		2.3			100	100	97	95	94	93	90	75	36	13.4	
16	2		2.0							100	99	98	85	41	41.3	
	5		5.4			100	86	81	75	68	60	55	47	32	47.4	
17	2	105	4.3						100	99	98	96	81	41	13.3	
	5		5.4			100	86	81	75	68	60	55	47	32	47.4	
18	0		2.1							100	99	97	85	60	43.3	
	2		3.8			100	94	92	89	85	83	80	68	35	16.3	
19	0		2.1					100	95	91	88	85	81	67	37	14.3
	2		4.9						100	99	97	92	74	37	12.9	
	5	105	6.4						100	99	97	93	78	43	14.0	
	10		5.8					100	97	94	90	87	84	69	38	22.1
20	2		2.9					100	99	97	94	89	73	40	15.3	
	5		5.8					100	99	98	95	89	72	38	16.1	

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
21	2		5.5					100	99	97	95	90	75	38	12.8	
	5		7.1						100	99	98	96	84	58	40.0	
	10		4.9			100	93	91	89	87	86	84	72	40	19.6	
	15		3.2			100	85	55	47	45	43	42	38	24	12.5	
22	0		3.9			100	97	81	75	71	68	65	56	34	16.1	
	2		4.2						100	99	98	96	83	44	18.5	
	5		5.1							100	99	97	80	45	22.9	
23	2		3.7				100	97	96	95	92	86	68	35	12.0	
	5		5.0						100	99	99	97	84	60	40.7	
	10		4.4				100	99	91	82	76	70	57	36	19.9	
	15		4.5				100	99	91	83	77	72	60	33	19.4	
24	2		7.4								100	98	89	58	29.0	
	5		5.6			100	95	95	94	94	92	90	75	43	22.1	
	10		6.3					100	98	96	94	90	78	48	23.8	
	15		1.9			100	97	97	93	85	74	58	36	18	9.8	
25	2		5.3							100	99	98	88	66	48.4	
	5		1.7			100	92	81	65	53	45	39	33	26	19.1	
26	2		6.0				100	98	96	94	93	92	83	56	31.3	
27	2		2.3				100	99	99	99	98	96	87	50	18.7	
28	5		2.4			100	35	30	27	27	26	25	23	15	8.9	
29	2	110	3.5				100	99	97	95	93	89	77	45	16.0	
	5		4.2					100	96	94	91	87	84	72	44	25.9
	10		2.7			100	88	52	42	40	39	38	33	20	9.7	
	15		3.5				100	98	91	83	72	61	43	23	12.7	



Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
30	0		4.7			100	66	62	61	61	60	56	47	25	7.8	
31	2		9.9			100	88	88	87	86	84	83	76	54	37.7	
	5		7.2				100	91	88	80	74	70	61	42	24.8	
	10		6.8					100	98	94	88	82	71	48	33.0	
	15		6.4					100	95	86	77	69	57	42	32.9	
32	2		7.9					100	99	97	94	87	67	32	12.0	
	5		4.1					100	99	96	94	90	78	44	21.5	
	10		4.2					100	99	97	94	90	86	74	23.1	
	15		4.7					100	97	95	92	88	84	74	24.8	
33	0		4.9			100	76	66	60	57	55	53	47	32	21.3	
34	0		6.1					100	99	98	97	94	83	52	30.1	
35	2		6.6					100	99	97	96	94	84	53	29.5	
36	2		2.4			100	95	86	73	60	51	46	40	27	18.4	
37	2		7.2					100	99	96	94	90	80	50	27.6	
38	2		8.1					100	98	96	95	92	83	57	41.8	
39	0		2.8													
40	2		3.8							100	99	98	85	41	12.7	
41	0		4.1					100	96	91	85	82	79	69	22.6	
42	0		3.5			100	38	34	30	28	27	25	23	16	11.0	
43	0		5.3					100	95	90	88	87	86	77	46	17.6

La Cuentista Subdivision Unit II

Summary of Laboratory Test Results

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
44	0		4.4			100	90	84	80	77	76	74	65	40	25.2	
	2		4.3			100	86	76	69	64	60	56	48	30	17.0	
	5		4.0			100	78	78	72	67	64	61	54	34	22.0	
45	0		5.4			100	80	72	67	63	61	58	51	33	18.2	
46	0-2		9.8				100	97	93	89	86	83	72	40	19.3	
47	0-2		3.7				100	99	96	94	92	87	73	34	14.0	
	5		3.9						100	99	99	98	87	46	19.8	
	8		4.1				100	99	98	96	95	94	83	43	19.0	
49	0		4.7				100	97	95	93	92	89	76	46	27.8	
	2		3.0					100	99	99	99	96	85	39	18.9	
	5		3.9						100	99	98	96	84	46	27.9	
50	0-2		2.5			100	81	77	74	73	71	69	59	36	18.3	
	2-5		4.4						100	99	97	96	94	84	49	29.1
51	0-2		3.8						100	99	97	96	94	84	48	20.6
52	0-2		3.3			100	87	84	81	78	75	72	63	36	14.8	
	2-5		3.7				100	99	94	91	89	86	74	47	30.3	
54	0		3.4			100	90	85	80	77	73	70	61	36	15.8	
55	0		2.7				100	97	96	95	94	91	75	41	15.4	
	2		2.6													
	5		4.1					100	99	99	98	95	83	55	36.1	
56	2		3.1								100	98	82	35	10.7	
	5		4.9					100	99	98	98	94	82	48	29.8	

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers											
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm	
57	2		6.1														
58	2		2.5														
59	0.0		3.5				100	98	97	96	95	92	78	43	18.9		
60	2		4.8			100	92	55	47	41	36	33	28	19	12.3		
61	2		3.7														
62	0		5.3							100	99	96	86	62	46.2		
63	2		11.3					100	99	98	97	94	83	58	39.1		
64	2		5.6							100	99	95	78	42	15.7		
	5		7.6						100	99	99	95	84	46	23.2		
	7		10.4					100	99	96	95	93	84	54	35.6		
65	2		3.7														
	5		8.2														
66	2		8.2					100	97	88	79	71	61	47	33.0		
	5		8.7					100	99	97	96	93	84	52	31.0		
67	2		5.6						100	96	95	95	94	92	80	45	16.0
	5		9.3			100	82	75	64	56	50	44	33	22	16.7		
68	2		4.8														
	5		12.7			100	86	78	73	68	65	64	58	43	30.8		
69	2		5.8														
	4		11.8														

La Cuentista SD Unit II

Summary of Laboratory Test Results

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers									
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200
70	2		6.1				100	98	93	85	79	73	62	40	24.1
	5		5.8				100	96	90	82	77	71	60	39	24.1
71	2		6.8				100	97	94	92	89	83	71	44	24.9
	5		4.6				100	98	85	66	58	53	47	36	26.6
72	2		5.8			100	97	97	94	90	85	76	61	34	17.5
	5		7.4				100	98	91	83	75	68	60	47	34.7
	10		6.1						100	98	97	94	84	51	25.7
73	2	119	5.9			100	97	94	90	85	80	71	54	29	14.2
	5	132	6.9				100	98	93	82	69	61	55	49	38.2
	8		12.7						100	98	96	94	87	63	46.1
	10		13.0												
74	2		4.2							100	99	97	81	37	13.3
	5		4.5				100	99	98	97	96	94	79	47	26.4
75	2	110	6.4					100	99	99	98	94	77	41	15.0
	5		9.6			100	77	68	54	42	35	31	27	22	16.8
76	2		4.2				100	97	96	95	94	90	78	45	17.3
	7.5		6.1				100	93	73	64	60	57	51	34	22.3
77	2		4.0				100	95	92	90	87	84	73	44	19.1
	5		4.3						100	99	99	96	84	47	23.9
	10		3.8						100	99	99	97	89	53	25.7
78	0		3.7				100	99	95	94	93	91	80	53	33.6
	2		3.9				100	99	97	95	93	90	80	49	27.2
	5		3.6				100	99	96	93	91	89	78	45	18.7
80	1.5		5.7				100	99	99	97	96	94	86	59	51.4

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers									
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200
81	2		4.3						100	99	99	97	86	52	31.0
82	2		7.5				100	99	97	94	92	90	82	56	34.6
83	2		5.4						100	99	99	98	87	47	18.5
84	0		4.0				100	99	98	96	95	91	76	43	17.8
	2		4.1						100	99	99	99	90	48	16.6
85	2		4.1					100	99	99	99	97	87	50	18.9
86	2		3.9				100	99	98	97	96	94	84	48	18.2
	4		8.3				100	93	90	87	85	82	73	50	31.6
88	2		7.2							100	99	96	83	50	19.7
	5		6.7					100	99	99	98	95	84	46	23.5
89	0		3.1			100	96	95	95	94	93	91	77	46	24.8
	2		3.6						100	99	99	97	83	43	21.3
90	0		2.9				100	95	88	83	79	77	67	40	20.8
91	0		3.7			100	61	52	44	37	33	31	28	18	11.8
92	2		2.6							100	99	98	88	52	27.3
93	2		6.0								100	99	97	91	81.7
	5		3.5						100	99	99	96	86	47	22.2
94	2		5.1							100	99	96	84	53	34.2
	5		4.5						100	99	98	95	82	35	11.3
95	2		3.7						100	99	98	94	80	47	27.5

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
96	2		3.7				100	99	97	95	94	92	84	51	23.8	
98	2		5.9					100	98	95	93	91	82	52	34.0	
	5		4.4				100	99	98	97	96	94	85	56	33.6	
101	2		5.3				100	99	97	95	94	91	79	41	16.5	
103	1.5		5.9				100	98	90	83	77	71	62	43	26.3	
106	2		4.8					100	99	98	95	90	72	35	13.1	
	5		8.7							100	99	97	85	52	24.4	
	10		5.1						100	99	98	94	78	41	17.8	
108	2		7.3					100	99	99	97	92	76	42	15.4	
109	2	107	7.5							100	99	96	81	43	15.4	
110	5		5.8						100	99	96	91	72	34	12.7	
111	8		11.7					100	99	99	98	95	85	66	48.9	
112	2		3.0				100	99	96	93	90	86	72	40	20.3	
	5		9.2					100	99	99	98	95	85	60	48.9	
	11		5.1					100	99	98	97	94	84	51	30.2	
113	2		5.8				100	95	89	85	81	76	64	38	18.0	
	5		6.9							100	98	95	78	41	16.7	
	10		5.1				100	99	97	94	90	84	71	42	20.2	
	15		7.8				100	99	99	98	97	95	83	51	30.2	
115	5		7.0						100	99	99	96	82	47	18.8	
116	2		5.3				100	95	92	84	80	76	73	63	17.2	
	7		10.9						100	97	93	89	86	77	55	37.5

Test Hole	Depth (feet)	Density, Dry (pcf)	Moisture Content (%)	Liquid Limit	Plasticity Index	Percent Passing - U.S. Sieve Numbers										
						1-1/2"	3/4"	3/8"	No. 4	No. 8	No. 16	No. 30	No. 50	NO. 100	No. 200	2 µm
118	2		6.1							100	98	94	78	41	18.2	
121	2		6.0					100	99	98	96	93	79	46	19.2	
	5		8.0				100	93	84	77	73	70	59	36	20.6	
122	2		4.6					100	94	91	87	80	64	37	18.5	